



Cameco

Energizing a clean-air world

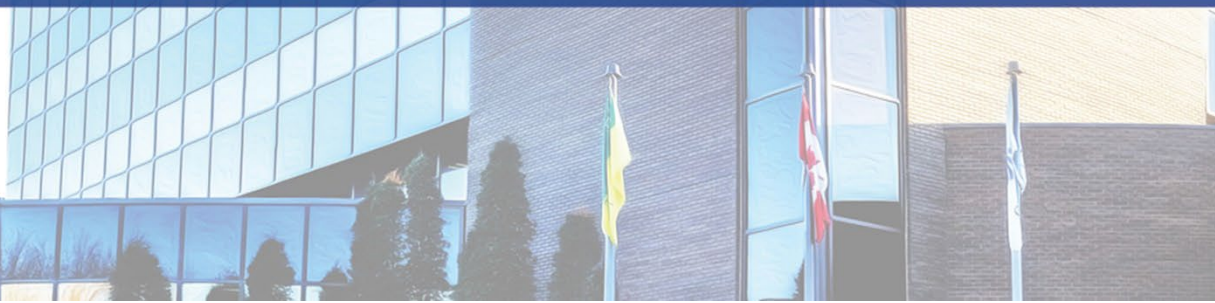


Notice of
**2021 Annual Meeting
of Shareholders**

on May 6, 2021

**2021 Management
Proxy Circular**

April 6, 2021



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Message from the Chair of the Board and the CEO¹



Ian Bruce, Chair



Tim Gitzel, CEO

We are pleased to invite you to Cameco's annual meeting of shareholders at 8:30 a.m. (CST) on May 6, 2021. The attached management proxy circular provides information about the business of the meeting, the voting process, this year's nominated directors, our corporate governance practices, our approach to executive compensation and our 2021 compensation decisions.

The board's goal is to deliver long-term value to Cameco's stakeholders. The board pays particular attention to strategy and value creation, ESG and risk oversight, board governance and management succession – all areas the board sees as fundamental to Cameco's sustainability and future success.

Decisive action to protect our people

Challenges created by the COVID-19 pandemic affected every aspect of the company in 2020, and Cameco's management team took proactive measures to protect the health and well-being of Cameco's workers, their families and their communities. The board was fully engaged with management as it acted quickly and carefully at the outset to protect Cameco's workers and to help slow down the spread of the virus.

When the pandemic was declared in March 2020, the majority of our corporate workforce quickly transitioned to physically distanced, work-from-home arrangements to keep people safe and prevent potential community spread of the virus. Our remote Cigar Lake operation in northern Saskatchewan was temporarily placed in safe care and maintenance and, at our fuel services division in Ontario, production was temporarily suspended at the Blind River refinery and UF6 plant in Port Hope. These measures ensured far fewer people were on site allowing us to achieve physical distancing wherever possible, and to put new COVID-19 safety protocols in place.

Under the guidance of provincial re-opening plans, we implemented extensive new screening and protective measures at all our facilities. We continued to focus on protecting employees and our neighbouring communities as we restarted production. Despite restarting our Cigar Lake mine in September 2020, in response to increased case numbers in northern Saskatchewan and growing uncertainty about the availability of the required workforce, production was again suspended at the mine in mid-December 2020. We remain vigilant throughout our operations, and our COVID-19 screening and safety measures will be kept in place for the foreseeable future. We also continue to work closely with public health officials, particularly in the remote northern Saskatchewan region where we operate fly-in, fly-out facilities.

We continued to pay all our employees during the periods of suspended production.

Strategic focus

The board is focused on Cameco's strategic direction and risk oversight in order to help the company achieve its vision to energize a clean-air world. The board works closely with management, reviewing and discussing strategy at every regular board meeting and, in 2020, the board met an additional 10 times (either as formal

¹ The message from the chair of the board and the CEO contains forward-looking information and is based upon the assumptions and subject to the material risks described at pages 2 through 4 of our 2020 management's discussion and analysis (MD&A). Actual outcomes for future periods may be significantly different.

meetings or update calls) to provide strategic oversight on various matters as the company navigated the challenges of the pandemic environment.

Despite the disruptions, Cameco executed on all strategic fronts in 2020. Management continued to focus on preserving the value of Cameco's lowest-cost assets, on maintaining a strong balance sheet, on protecting and extending the value of our contract portfolio and on efficiently managing the company in a low-price environment. Cameco is increasingly confident that the uranium market will undergo a transition, similar to what happened in the UF₆ conversion market and is now benefitting the fuel services segment of Cameco's business. The board and management are optimistic about the drivers of long-term growth in the nuclear industry and remain committed to taking the necessary steps to execute on Cameco's strategy, self-manage risk and successfully navigate the market transition. We are also pleased that, following two lower court decisions in our favour, the Supreme Court of Canada has denied CRA's appeal request and that the dispute for the 2003, 2005 and 2006 tax years are fully and finally resolved.

Increasing populations and growing electricity demand around the world are driving the long-term fundamentals for nuclear. Momentum is also building for non-traditional uses of nuclear power. As countries and companies around the world are committing to net-zero carbon targets, there is increasing recognition that nuclear energy must play a central role in the shift to a low-carbon, climate resilient economy.

Initiatives are underway at Cameco to improve efficiency and reduce costs across the organization. Several are geared towards innovation and accelerating the adoption of advanced digital and automation technologies. These initiatives will leave us well positioned, when the market turns, to advance toward achieving our vision to energize a clean-air world.

Cameco is pursuing non-traditional markets for UO₂ and fuel fabrication in its fuel services business. We have also been actively securing new contracts for reactor components to support refurbishment of Canadian nuclear reactors. We recently increased our interest, from 24% to 49%, in Global Laser Enrichment, a company testing a third-generation enrichment technology that, if successful, will use lasers to commercially enrich uranium.

ESG and risk oversight

Cameco has a mature enterprise risk management program with processes and controls to ensure we are appropriately monitoring, managing and mitigating risk. The board oversees Cameco's strategic risks, and oversight of top-tier tactical and functional risks are allocated to specific board committees. In 2020, the board spent time discussing environmental, social and governance (ESG) matters and climate risks as well as various other risks that were heightened due to the COVID-19 pandemic.

Cameco's commitment to ESG matters is closely monitored by the board and its committees. A safe, healthy and rewarding workplace, a clean environment and supportive communities are all measures of success that are integrated into Cameco's strategic plan and are used to set compensable targets for the management team.

On the supportive communities' front, we are especially proud of the work Cameco has done to build strong and enduring relationships with its employees and Indigenous communities in northern Saskatchewan. We are a leading industrial employer of First Nations and Métis people and have a dedicated team focused on workforce development and community engagement in northern Saskatchewan. As well, Donald Deranger, a highly-respected leader, advisor and businessperson in the Saskatchewan Indigenous community, has been a member of our board since 2009.

Given the evolving ESG landscape, Cameco established a multi-disciplinary ESG working group to review our current approach to sustainability and ESG governance and reporting. As a result, we plan to issue an ESG report later in 2021 that will reflect both Sustainability Accounting Standard Board (SASB) and Task Force on Climate-Related Financial Disclosures (TCFD) principles. For more information about our approach to ESG, please refer to the ESG Content Map that follows this message or the Sustainability section of our website (cameco.com/about/sustainability).

Sound governance

We serve Cameco and its stakeholders with a strong governance foundation and commitment to good governance principles. The board reviews Cameco's governance practices annually and our board and director assessment process is designed to provide insight on how we can continually enhance governance at Cameco.

We are proud of the quality and experience of our directors as well as the mix of gender, skills, background and other characteristics they bring to the board, and are committed to broadening the board's diversity. We regularly review the board succession plan as well as our competency matrix, core attributes, diversity policy, term limits and retirement policy to make sure the composition of the board is appropriate and continues to meet Cameco's needs and the expectations of our stakeholders.

Community leadership

We believe that strong relationships with our communities is a key measure of Cameco's sustainability and long-term success. In response to COVID-19, we initiated two Cameco COVID-19 Relief Funds for Saskatoon/northern Saskatchewan and Blind River/Northumberland County in Ontario, providing \$1.25 million for 102 local pandemic-related projects led by First Nations, charitable, and community-based organizations in Saskatchewan and Ontario, and we donated a significant amount of personal protective equipment to these communities.

In 2020, we also held our second annual Step Up for Mental Health initiative as a virtual run/walk event. With close to 4,000 people participating in the event, we raised more than \$380,000 for mental health projects in Saskatchewan and awarded grants to 22 projects, ranging from education and training programs to direct support for people struggling with mental health and addiction.


Looking ahead

Anne McLellan is retiring from the board after serving as a director for 15 years and as a chair of the nominating, corporate governance and risk committee for the last five years. On behalf of the board and management, we thank Anne for her dedicated service, leadership and governance expertise over these many years. We wish Anne well and thank her for her guidance and support. In 2020, Leontine Atkins was appointed as a director. Leontine brings financial and corporate strategy expertise as well as experience in the global mining, power, utility and oil and gas industries to our board.

At Cameco we have a skilled and dedicated team that is focused on delivering results. The senior leadership team conducts itself with integrity and with an emphasis on safety, people and the environment. It has a wealth of global experience and industry knowledge gained from dedicating most of their careers to the nuclear fuel cycle, including the exploration, mining, production and conversion of uranium for clean and reliable nuclear power generation.

We know that we may be dealing with COVID-19 for some time, and our efforts to protect our people, our communities and our business remain our top priority. Cameco is well-positioned to execute on its strategy and to self-manage risk. With the company's tier-one assets, long-term contract portfolio, employee expertise and strong balance sheet, we are confident in Cameco's ability to build long-term value for its stakeholders.

Sincerely,



Ian Bruce
Chair of the Board



Tim Gitzel
President and Chief Executive Officer

ESG content map

We include information about environmental, social and governance (ESG) matters throughout our disclosure, including this circular. You can also find ESG information in Cameco's 2020 annual report, 2020 annual information form and 2020 Sustainability Reporting. These documents are available on [cameco.com](https://www.cameco.com) under **Invest > Financials** ([cameco.com/invest/financial-information](https://www.cameco.com/invest/financial-information)).

Below is a reference guide on how to locate Cameco's ESG information.

	Cameco.com	2020 Annual Report	2020 Sustainability Reporting – 2019 GRI Index Update	2021 Management Proxy Circular	2020 Annual Information Form
	Navigation	Pages	Pages	Pages	Pages
Vision, Values and Measure of Success	About > Sustainability >	25	1-4	1, 47	82
Our Approach to ESG Matters	About > Sustainability > Our Approach to ESG Reporting	25	1-4		82
Strategy	Invest > Strategy	18		1	8
Related Policies	About > Governance > Policies & Programs				
GOVERNANCE					
Board Oversight		29		42	85
Risk and Risk Management	About > Sustainability > Our Approach to ESG Reporting > Governance	3, 30, 63		43	85, 95
Business Ethics, Integrity and Anti-corruption		29	40-41	47	84
ENVIRONMENT					
Environmental Management System Overview	About > Sustainability > Our Approach to ESG Reporting > Environment	26			81
Environmental Data	2020 Sustainability Reporting > GRI Index Update > Environment		13-25		82
Site Level Information	2020 Sustainability Reporting > Businesses				20
GHG Emissions	About > Sustainability > Our 2019 GRI Performance Index		16-17		82
Tailings / Waste	About > Sustainability > Our 2019 GRI Performance Index Library > Documents > Cameco Tailings Management		21-23		27, 43, 99
SOCIAL					
Health and Safety	2020 Sustainability Reporting > Businesses	27	28-29, 45		83
COVID-19	Invest > Strategy > Our COVID-19 Response Community	8, 27	3	1	82
Our People (including worker, labour and human rights)	About > Sustainability > Our Approach to ESG Reporting > Social Careers > Why Cameco	28	2, 8, 26-27, 30-32	37, 45	83
Inclusion and Diversity	About > Sustainability > Our Approach to ESG Reporting > Social Careers > Why Cameco > A Diverse Workforce	28	8,31	37, 45	83
Stakeholder Relations and Community Engagement	Community About > Sustainability > Our Approach to ESG Reporting > Social	28	2, 11, 32-38, 44	1, 52	84

We plan to issue an ESG report later in 2021 that aligns with SASB and TCFD principles. Please visit the Sustainability section of our website to learn more about sustainability at Cameco and our approach to ESG reporting ([cameco.com/about/sustainability](https://www.cameco.com/about/sustainability)).



Notice of our 2021 annual meeting of shareholders

You are invited to our 2021 annual meeting:

When

Thursday, May 6, 2021
8:30 a.m. CST

Via live webcast from Saskatoon, SK

<https://web.lumiagm.com/169464941>

password: **cameco2021** (case sensitive)

Your vote is important

If you held Cameco common shares on March 10, 2021, you are entitled to receive notice of and to vote at this meeting.

You can vote at the virtual meeting live or by proxy. We encourage shareholders to vote by proxy in advance of the meeting.

See pages 9 through 15 of the attached management proxy circular for information about how to vote.

By order of the board of directors,

Sean Quinn
Senior Vice-President,
Chief Legal Officer and Corporate Secretary
Saskatoon, Saskatchewan

April 6, 2021

FOR MORE INFORMATION

Read about the business of the meeting beginning on page 7 of the attached management proxy circular.

The deadline for submitting a shareholder proposal for our 2022 annual meeting is December 31, 2021 and we require advance notice for nominating directors.

Access our 2020 annual report and other documents and information online:

- cameco.com
- sedar.com (SEDAR)
- sec.gov/edgar.shtml (EDGAR)

See pages 53 and 54 for more information.

COMMON SHARES OUTSTANDING

396,262,741	December 31, 2020
397,200,356	March 10, 2021

AST Trust Company (Canada) is our transfer agent and registrar for Canada.

American Stock Transfer & Trust Company LLC is our transfer agent and registrar for the US.



1

BUSINESS OF
THE MEETING

Read about the four items of business and how to vote your shares

pages 7 to 15

2

GOVERNANCE
AT COMECCO

Learn about our nominated directors, governance practices and how the board operates

pages 16 to 60

3

EXECUTIVE
COMPENSATION

Find out what we paid our executive officers in 2020 and why

pages 61 to 102

Management proxy circular

You have received this circular because you owned Cameco common shares on March 10, 2021. **Management is soliciting your proxy for the 2021 annual meeting of shareholders**, and we pay all proxy solicitation costs.

As a shareholder, you have the right to attend the annual meeting of shareholders on May 6, 2021 and to vote your shares. In light of the ongoing impact of the COVID-19 pandemic and the associated public health measures, we are holding this year's meeting virtually. If you are unable to attend the meeting during the live webcast, you can also listen to the webcast on our website (cameco.com) following the meeting.

The board of directors approved the content of this circular on March 15, 2021 and has authorized us to distribute it to you. We have also sent a copy to each of our directors and to our auditors.

Date of information	Currency
The information contained in this circular is as of March 10, 2021, except where otherwise noted.	All dollar amounts are in Canadian dollars, unless indicated otherwise.

THINGS TO NOTE

Key terms in this document

- *you* and *your* refer to the shareholder
- *we, us, our, the company* and *Cameco* mean Cameco Corporation
- *shares* and *Cameco shares* mean Cameco's common shares, unless indicated otherwise.

Your vote is important

This circular describes what the meeting will cover and how to vote. Please read it carefully and vote, either by completing the form included with this circular or voting at the virtual meeting.

Cameco employees or representatives of Kingsdale Advisors (Kingsdale), our strategic shareholder advisor and proxy solicitation agent, may contact you by mail or phone to encourage you to vote. If you have any questions or need more information about voting your shares, call Kingsdale at 1.888.518.1558 (toll-free in North America) or 416.867.2272 (collect calls accepted) outside of North America. Or send an email to contactus@kingsdaleadvisors.com.

We are paying Kingsdale approximately \$57,500 for their 2021 services.

Business of the meeting

A quorum is required to hold the meeting and transact business. A quorum is met when the people in attendance hold, or represent by proxy, at least 25% of Cameco's total issued and outstanding common shares.

We require majority approval on the items of business. Our majority voting policy governs the election of directors (see the *Majority voting for non-executive directors* section on page 18).

Elect the directors

The board is recommending you vote *for* the nominated directors. You can vote for *all* of the nominated directors, vote for *some* of them and *withhold* votes for others, or *withhold* votes for all of them. Nine director nominees are standing for election to our board to serve for a term of one year. All of the nominated directors currently serve on the board. Leontine Atkins is standing for election for the first time this year, having been appointed to the board on August 1, 2020. For information about each nominee, see the director profiles starting on page 19.

Reappoint the auditors

The board, on the recommendation of the audit and finance committee, has proposed that KPMG LLP (KPMG) be reappointed as our auditors until the end of our next annual meeting. KPMG, or its predecessor firms, have been our auditors since Cameco was incorporated in 1988. You can vote *for* reappointing KPMG, or you can *withhold* your vote.

Auditors reinforce the importance of a diligent and transparent financial reporting process, and strengthen investor confidence in our financial reporting. KPMG provides us with three types of services:

- *audit services* generally relate to the audit and review of annual and interim financial statements and notes, conducting the annual audits of affiliates, auditing our internal controls over financial reporting and providing other services that may be required by regulators. These may include services for registration statements, prospectuses, reports and other documents that are filed with securities regulators, or other documents issued for securities offerings.
- *audit-related services* include advising on accounting matters, attest services not directly linked to the financial statements that are required by regulators and conducting audits of employee benefit plans.
- *tax services* relate to tax compliance and tax advice that are beyond the scope of the annual audit. These include reviewing transfer-pricing documentation and correspondence with tax authorities, preparing corporate tax returns, and advice on international tax matters, tax implications of capital market transactions and capital tax.

The table below shows the fees paid to KPMG and its affiliates for services in 2019 and 2020. The board has invited a representative of KPMG to attend the meeting.

	2020 (\$)	% of total fees (%)	2019 (\$)	% of total fees (%)
Audit fees				
Cameco ¹	1,845,700	75.7	1,968,900	78.9
Subsidiaries ²	335,300	13.8	221,800	8.9
Total audit fees	2,181,000	89.5	2,190,700	87.8
Audit-related fees				
Pensions	27,300	1.1	27,300	1.1
Total audit-related fees	27,300	1.1	27,300	1.1
Tax fees				
Compliance	32,400	1.3	37,900	1.5
Planning and advice ³	157,400	6.5	200,800	8.1
Total tax fees	189,800	7.8	238,700	9.6
All other fees				
Other non-audit fees ⁴	39,000	1.6	38,300	1.5
Total fees	2,437,100	100.0	2,456,700	100.0

1. For the audit of Cameco's annual consolidated financial statements and the review of interim financial statements.

2. For the audit of Cameco's subsidiary financial statements.

3. For transfer pricing advisory.

4. For Cameco's I-4 membership.

Receive the financial statements

Our consolidated financial statements for the year ended December 31, 2020 will be presented at the meeting.

You can download a copy of our 2020 annual report (which includes our consolidated financial statements for the year ended December 31, 2020 and management's discussion and analysis (MD&A) and the auditors' report) on our website ([cameco.com/invest/financial-information](https://www.cameco.com/invest/financial-information)). You will receive a paper copy of the annual report only if you requested one.

Advisory vote on executive compensation ("say on pay")

The board is recommending that you vote *in favour* of our approach to executive compensation. Please take some time to read about our compensation strategy, our compensation program, how we assess performance and how the board makes decisions. You can find a full discussion about executive compensation at Cameco starting on page 62.

The board believes this non-binding advisory vote gives shareholders a timely and effective way to give input to the board and the human resources and compensation committee on this important matter. You can vote *for* or *against* our approach to executive compensation by voting on the following resolution:

Be it resolved that, on an advisory basis and not to diminish the role and responsibilities of the board of directors for executive compensation, the shareholders accept the approach to executive compensation disclosed in Cameco's management proxy circular delivered in advance of the 2021 annual meeting of shareholders.

Other business

We did not receive any shareholder proposals for this meeting, and are not aware of any other items of business to be considered at the meeting. If other items of business are properly brought before the meeting, you (or your proxyholder) can vote as you deem appropriate.

HOW CAMECO WAS FORMED

Cameco Corporation was formed in 1988 by privatizing two Crown corporations, combining the uranium mining and milling operations of Saskatchewan Mining Development Corporation and the uranium mining, refining and conversion operations of Eldorado Nuclear Limited.

Cameco received these assets in exchange for:

- assuming substantially all of the current liabilities and certain other liabilities of the two Crown corporations
- issuing common shares
- issuing one class B share to the Province of Saskatchewan
- issuing promissory notes.

Cameco was incorporated under the *Canada Business Corporations Act* (CBCA).

You can find more information about our history in our most recent annual information form, which is available on our website ([cameco.com/invest](https://www.cameco.com/invest)).

Delivery of meeting materials

We are using notice and access to deliver the meeting materials to all shareholders. This means that Cameco will post the meeting materials online for shareholders to access electronically. You will receive a package in the mail with a notification explaining how to access the meeting materials electronically and how to request a paper copy at no charge. Your package will include a proxy form or a voting instruction form so you can vote your shares.

Notice and access is an environmentally friendly and cost-effective way to distribute our meeting materials because it reduces printing, paper and postage costs.

You can access the meeting materials on our website at cameco.com/invest/2021-annual-meeting and on SEDAR (sedar.com).

How to request a paper copy

Before the meeting

Starting on April 6, 2021, shareholders can request a free paper copy of the meeting materials. To receive the paper copy in advance of the voting deadline and meeting date, make your request right away and no later than 4 p.m. (Saskatoon time) on April 22, 2021.

Please keep the original proxy form or voting instruction form sent to you so you can vote your shares. If you request a paper copy of the meeting materials, it will not come with a new form.

After the meeting

If you would like to receive a paper copy of the meeting materials after the meeting, you can make your request up to one year from the date the meeting materials are filed on SEDAR. Please call 1-888-433-6443 (toll free) or 1-416-682-3801 outside Canada and the United States, or send an email to: fulfilment@astfinancial.com.

If you have questions about notice and access, please call our transfer agent, AST Trust Company (Canada), toll free at 1-800-387-0825.

Voting

Who can vote

Cameco has common shares and one class B share, but only holders of our common shares have full voting rights. If you held common shares at the close of business on March 10, 2021 (the record date), you or the person you appoint as your proxyholder can attend the annual meeting and vote your shares.

Each Cameco common share you own represents one vote, except where ownership and voting restrictions apply. As of March 10, 2021, we had 397,200,356 common shares issued and outstanding.

Principal holders of common shares

We have two principal holders of our common shares as of December 31, 2020, as reported in Schedule 13G filings made with the US Securities and Exchange Commission. Beutel, Goodman & Company Ltd. of Toronto, Ontario (including its subsidiaries) held 20,861,650 common shares (approximately 5.26% of our total common shares outstanding) and T. Rowe Price Associates, Inc. of Baltimore, Maryland (including its subsidiaries) held 20,145,790 common shares (approximately 5.00% of our total common shares outstanding).

Management is not aware of any other shareholder who holds 5% or more of our common shares.

Our class B share

The province of Saskatchewan holds our one class B share. This entitles the province to receive notices of and attend all meetings of shareholders, for any class or series. The class B shareholder can only vote at a meeting of class B shareholders, and votes as a separate class if there is a proposal to:

- (a) amend Part 1 of Schedule B of the articles, which states that: Cameco's registered office and head office operations must be in Saskatchewan, the executive officers and generally all of the senior officers (vice-presidents and above) must live in Saskatchewan, and all annual meetings of shareholders must be held in Saskatchewan,

- (b) amend the articles in a way that would change the rights of class B shareholders, or
- (c) amalgamate, if the amalgamation would require an amendment to Part 1 of Schedule B of the articles.

Ownership and voting restrictions

Restrictions on owning, controlling and voting Cameco common shares are set out in the *Eldorado Nuclear Limited Reorganization and Divestiture Act (Canada)* (ENL Reorganization Act) and our company articles. See Appendix A on page 103 for the definitions in the ENL Reorganization Act, including definitions of *resident* and *non-resident*. Ownership restrictions for non-residents were put in place so that Cameco would remain Canadian controlled.

The following is a summary of the limitations listed in our company articles:

Residents – A Canadian resident, either individually or together with associates, cannot hold, beneficially own or control shares or other Cameco securities, directly or indirectly, representing more than 25% of the total votes that can be cast to elect directors.

Non-residents – A non-resident of Canada, either individually or together with associates, cannot hold, beneficially own or control shares or other Cameco securities, directly or indirectly, representing more than 15% of the total votes that can be cast to elect directors.

Voting restrictions – All votes cast at the meeting by non-residents, either beneficially or controlled directly or indirectly, will be counted and pro-rated collectively to limit the proportion of votes cast by non-residents to no more than 25% of the total shareholder votes cast at the meeting.

Residency declarations

Shareholders are required to declare their residency, ownership of Cameco shares, and other factors relating to the restrictions, so we can verify compliance with the ownership and voting restrictions on our shares.

Nominees such as banks, trust companies, securities brokers or other financial institutions who hold the shares on behalf of non-registered shareholders need to make the declaration on their behalf.

If you own the shares in your name, you will need to complete the residency declaration on the enclosed proxy form. Copies will be available at the meeting if you are planning to attend the meeting. If we do not receive your residency declaration, we may consider you to be a non-resident of Canada.

The chair of the meeting may ask shareholders and their nominees for additional information to verify compliance with our ownership and voting restrictions. The chair of the meeting will use the declarations and other information to determine compliance with our ownership restrictions.

Enforcement of ownership and voting restrictions

The company articles allow us to enforce the ownership and voting restrictions by suspending voting rights, forfeiting dividends, prohibiting the issue and transfer of Cameco shares, requiring the sale or disposition of Cameco shares, and suspending all other shareholder rights.

How to vote

You have various options for voting. You may vote in advance of the meeting online or by phone, fax or mail. You may also attend and vote in person during the live webcast or you may appoint another person (called a *proxyholder*) to attend the meeting and vote on your behalf. If you are a registered shareholder, we mail the notification directly to you and your package will include a proxy form. We distribute the notification to intermediaries to forward to our non-registered shareholders. For most non-registered shareholders, your package is sent by Broadridge and includes a voting instruction form. We pay the cost of proxy solicitation for all registered and non-registered shareholders.

However you choose to vote, please carefully follow the instructions below for the option you select and note that the process for appointing proxyholders and for voting in person at the meeting is different this year than it has been in the past.

You must also make sure you allow enough time for your instructions to reach our transfer agent if you are sending the completed proxy form or voting instruction form by mail. To be valid, AST Trust Company (Canada), our transfer agent, must receive your voting instructions **before 8:30 a.m. CST on Tuesday, May 4, 2021** (the

proxy deadline). Non-registered (beneficial) shareholders must also ensure that their instructions are submitted by the deadline specified in their voting instruction form and in any case in sufficient time for their intermediary to act on those instructions prior to the proxy deadline. **Submit your voting instructions right away to meet the proxy deadline.**

	NON-REGISTERED (BENEFICIAL) SHAREHOLDERS	REGISTERED SHAREHOLDERS
The voting process is different depending on whether you are a registered or non-registered shareholder (see details on how to determine what you are to the right).	You are a non-registered (beneficial) shareholder if your bank, trust company, securities broker, trustee or other financial institution holds your shares (your nominee). This means the shares are registered in your nominee's name, and you are the beneficial shareholder. Many of our shareholders are non-registered shareholders.	You are a registered shareholder if your name appears on your share certificate.
Vote your shares in advance.	<p>Follow the instructions on your voting instruction form to submit your voting instructions using one of the following methods:</p> <ul style="list-style-type: none"> • Online: Visit www.proxyvote.com and vote using the unique control number located on your voting information form. • Phone: Call 1-800-474-7493 (English) or 1-800-474-7501 (French). • Fax: Send your duly completed, signed and dated voting instruction form by fax to 1-905-507-7793 or 1-514-281-8911. • Mail: Using the envelope provided, send the duly completed, signed and dated voting instruction form by mail. <p>Submit your voting instructions by the time specified on your voting information form, which will be at least 24 hours prior to the proxy deadline.</p>	<p>Follow the instructions on your proxy form and return it using one of the following methods:</p> <ul style="list-style-type: none"> • Online: Visit www.astvotemyproxy.com and vote using the control number located on your proxy form. • Email: Return a scanned copy of your completed, signed and dated proxy form (both sides) to proxyvote@astfinancial.com. • Fax: Send your duly completed, signed and dated proxy form by fax to 1-866-781-3111. • Mail: Using the envelope provided, send the duly completed, signed and dated form of proxy by mail. <p>To be valid, your proxy form must be received by our transfer agent by the proxy deadline. The online voting option will be available until the proxy deadline.</p>
Vote online during the meeting.	<p>If you wish to attend and vote at the meeting you will need to appoint yourself as proxyholder and register with our transfer agent by carefully following the instructions below. If you do not complete each of the steps below then you will not be able to attend and vote your shares at the meeting.</p> <ul style="list-style-type: none"> • Step 1: To appoint yourself as your proxyholder you may either: <ul style="list-style-type: none"> ○ Visit www.proxyvote.com and enter the control number listed on your voting instruction form and insert your name in the "Change Appointee" section of the voting site and follow all other instructions provided to you by your nominee. ○ Insert your name as proxy holder in the space provided on your voting instruction form and sign, date the form and return it in the envelope provided or as otherwise instructed by your intermediary. Do not complete the voting instructions as you will attend and vote at the meeting yourself. <p>You must provide your instructions by the time specified on your voting information form, which will be at least 24 hours prior to the proxy deadline.</p> <ul style="list-style-type: none"> • Step 2: Register yourself with our transfer agent to obtain your 13-digit control number, which you will require to access and vote at the meeting. You may register online at: 	<p>If you wish to attend and vote at the meeting, you must follow these instructions on the day of the meeting:</p> <ul style="list-style-type: none"> • Log into the meeting at https://web.lumiagm.com/169464941. • Click "I have a control number" and enter the 13-digit control number from your proxy form. • Enter the password cameco2021 (case sensitive). • Follow the instructions to vote your shares when prompted. <p>You should allow ample time (and at least 15 minutes) to log into the meeting online and complete the procedures above.</p>

Continued ...
Vote online during the meeting.

<https://ip.astfinancial.com/control-number-request-en.html> or by phone at 1-866-751-6315.

Your registration must be complete by no later than the proxy deadline.

- **Step 3:** Once you have appointed yourself as proxyholder and obtained a control number, you must follow these instructions on the day of the meeting to access and vote at the meeting:
 - Log into the meeting at <https://web.lumiagm.com/169464941>.
 - Click "I have a control number" and enter the 13-digit control number you received from our transfer agent.
 - Enter the password **cameco2021** (case sensitive).
 - Follow the instructions to vote your shares when prompted.

You should allow ample time (and at least 15 minutes) to log into the meeting online and complete the procedures above.

If you hold shares in more than one account, ensure that you appoint yourself as proxyholder for all accounts concurrently so that you will only require one control number.

If you do not appoint yourself as your proxyholder, you may still attend the meeting, but you must do so as a guest. Guests cannot vote or ask questions.

You can revoke your proxy or voting instructions if you change your mind.

Any new instructions will only take effect if they are received by AST Trust Company (Canada) before 8:30 a.m. CST on Tuesday, May 4, 2021 or 48 hours before the meeting is reconvened if the meeting is postponed or adjourned.

Contact your nominee if you need help providing new voting instructions, if you want to revoke your voting instructions (without giving new instructions) or if you want to vote at the meeting instead.

If you voted online in advance of the meeting and you wish to change your voting instructions, you may re-enter your vote using the control number on your proxy form by following the instructions on your proxy form and using any of the methods listed above.

You can also revoke your proxy without providing new voting instructions by:

- sending a notice in writing to the corporate secretary at Cameco, at 2121 - 11th Street West, Saskatoon, Saskatchewan S7M 1J3, so he receives it by 5 p.m. CST on the last business day before the meeting (Wednesday, May 5, 2021)
- giving a notice in writing to the chair of the meeting before the start of the meeting
- giving notice in any other manner permitted by law.

The notice can be from you or your attorney, if they have your written authorization. If your shares are owned by a corporation, the written notice must be from its authorized officer or attorney.

Please note that if you attend the meeting and vote your shares on any matter you will be deemed to have revoked any prior proxy or voting instruction for all matters.

Attending the virtual meeting as a guest.

Guests can log into the meeting and view the meeting, but they are not able to vote or ask questions at the meeting. Guests can access the meeting using the following instructions:

- Log into the meeting at <https://web.lumiagm.com/169464941>.
- Click "Guest" and complete the requested information. You should be automatically redirected to the virtual meeting.

You should allow ample time (and at least 15 minutes) to log into the meeting online and complete the procedures above.

Cameco and Kingsdale may use the Broadridge QuickVote™ service to assist non-registered shareholders with voting their shares directly over the telephone.

Voting by proxy

Tim Gitzel, president and CEO of Cameco, or in his absence Sean Quinn, senior vice-president, chief legal officer and corporate secretary of Cameco (the *Cameco proxyholders*), have agreed to act as proxyholder to vote your shares for you at the meeting according to your instructions.

If you vote in advance and do not appoint another person as your proxyholder, one of the Cameco proxyholders will be your proxyholder. **You have the right to appoint someone other than the Cameco proxyholders to represent you at the meeting (your appointee does not need to be a shareholder).**

If you wish to appoint another person as your proxyholder, you may do so by carefully following the instructions below. Because this year's meeting is being held virtually, the process for appointing a proxyholder (other than the Cameco proxyholders) is different and failure to register that other proxyholder as described below will result in your proxyholder not receiving the control number that is required to vote at the meeting.

NON-REGISTERED (BENEFICIAL) SHAREHOLDERS	REGISTERED SHAREHOLDERS
<p>To appoint another person (other than the Cameco proxyholders) as proxy holder you must appoint that person and they must be registered with our transfer agent by carefully following the instructions below. If you do not complete each of the steps below then your proxyholder will not be able to attend and vote your shares at the meeting.</p> <ul style="list-style-type: none">• Step 1: To appoint your proxyholder you may either:<ul style="list-style-type: none">○ Visit: www.proxyvote.com and enter the control number listed on your voting instruction form and insert that person's name in the "Change Appointee" section of the voting site and follow all other instructions provided to you by your intermediary.○ Insert that person's name as proxy holder in the space provided on your voting instruction form and sign, date the form and return it in the envelope provided or as otherwise instructed by your intermediary.Your intermediary must receive your instructions by the time specified on your voting information form, which will be at least 24 hours prior to the proxy deadline.• Step 2: You must register your proxyholder with our transfer agent and provide the required information and AST will provide your proxyholder their 13-digit control number, which your proxyholder will require to access and vote at the meeting. Your proxyholder may register online at https://lp.astfinancial.com/control-number-request-en.html or by phone at 1-866-751-6315. The proxyholder's registration must be complete by no later than the proxy deadline.• Step 3: Once you have appointed your proxyholder and your proxyholder obtained a control number from our transfer agent, your proxyholder must follow these instructions on the day of the meeting to access and vote at the meeting:<ul style="list-style-type: none">○ Log into the meeting at https://web.lumiagm.com/169464941.○ Click "I have a control number" and enter the 13-digit control number they received from our transfer agent.○ Enter the password cameco2021 (case sensitive).○ Follow the instructions to vote when prompted.Your proxyholder should allow ample time (and at least 15 minutes) to log into the meeting online and complete the procedures above. <p>If you hold shares in more than one intermediary account, ensure that you appoint your proxyholder as proxyholder for all accounts concurrently so that they will only require one control number.</p> <p>If you appoint another person as your proxyholder, you may still attend the meeting but you must do so as a guest. Guests cannot vote or ask questions.</p>	<p>To appoint another person (other than the Cameco proxyholders) as proxyholder you must appoint that person and they must be registered with our transfer agent by carefully following the instructions below. If you do not complete each of the steps below then your proxyholder will not be able to attend and vote your shares at the meeting.</p> <ul style="list-style-type: none">• Step 1: To appoint your proxyholder you must enter their name in the space provided on your proxy form or in the online form using any one of the methods described above under "Vote your shares in advance". This step must be completed by at least 24 hours prior to the proxy deadline.• Step 2: You must register your proxyholder with our transfer agent to obtain their 13-digit control number, which your proxyholder will require to access and vote at the meeting. You may register your proxyholder online at https://lp.astfinancial.com/control-number-request-en.html or by phone at 1-866-751-6315. The proxyholder's registration must be completed by no later than the proxy deadline.• Step 3: Once you have appointed your proxyholder and your proxyholder obtained a control number from our transfer agent, your proxyholder must follow these instructions on the day of the meeting to access and vote at the meeting:<ul style="list-style-type: none">○ Log into the meeting at https://web.lumiagm.com/169464941.○ Click "I have a control number" and enter the 13-digit control number they received from our transfer agent.○ Enter the password cameco2021 (case sensitive).○ Follow the instructions to vote when prompted.Your proxyholder should allow ample time (and at least 15 minutes) to log into the meeting online and complete the procedures above. <p>If you appoint another person as your proxyholder, you may still attend the meeting but you must do so as a guest.</p>

Technology required to access the virtual meeting

The meeting will be entirely virtual and shareholders and proxyholders will not be able to attend in person. If you are a registered shareholder or a duly appointed proxyholder (including non-registered shareholders who have duly appointed themselves as proxyholder), you will be able to attend, vote and ask questions at the meeting, all in real time. If you are a non-registered shareholder who does not appoint themselves as proxyholder then you may attend the meeting as a guest, but you will not be able to vote or ask questions at the meeting.

You will be able to participate in the meeting using an internet-connected device such as a laptop, computer, tablet or mobile phone. In order to run the meeting platform, you will need the latest version of Chrome, Safari, Edge or Firefox, that are running the most updated version of the applicable software plugins and that meet the minimum system requirements. If you have any doubt, you can check your system's compatibility by visiting <https://www.lumiglobal.com/faq> for additional information.

If you are accessing the meeting you must remain connected to the internet at all times during the meeting in order to vote when balloting commences. It is your responsibility to ensure internet connectivity for the duration of the meeting. Note that if you lose connectivity once the meeting has commenced, there may be insufficient time to resolve your issue before ballot voting is completed. Even if you plan to attend the meeting, you should consider voting your shares in advance so that your vote will be counted in case you later decide not to attend the meeting or in the event that you experience any technical difficulties and are unable to access the meeting and vote for any reason. Please note that you cannot vote if you access the meeting by dialing in – voting at the meeting can only be done through the meeting portal. If you encounter technical difficulties, please contact Lumi at support@lumiglobal.com.

Asking questions at the virtual meeting

Cameco believes that the ability to participate in the meeting in a meaningful way remains important despite the decision to hold this year's meeting virtually. It is anticipated that registered shareholders and proxyholders (including non-registered shareholders who have appointed themselves as proxyholders) will have substantially the same opportunity to ask questions on matters of business before the meeting as in past years when the annual shareholders meeting was held in person. Questions received from shareholders which relate to the business of the meeting will be read by the chair of the meeting or a designee of the chair and responded to by a representative of Cameco as they would be at a shareholders meeting that was being held in person. As at an in-person meeting, to ensure fairness for all attendees, the chair of the meeting will decide on the amount of time allocated to each question and will have the right to limit or consolidate questions and to reject questions that do not relate to the business of the meeting or which are determined to be inappropriate or otherwise out of order.

Voting of proxies

All properly executed written proxies, and properly completed proxies submitted by telephone or internet, delivered in accordance with this solicitation, will be voted at the meeting consistent with the directions provided in the proxy unless the proxy is revoked prior to completion of voting at the meeting.

If you appoint the Cameco proxyholders but do not tell them how you want to vote your shares, your shares will be voted:

- **for** electing each nominated director
- **for** reappointing KPMG LLP as auditors
- **for** the advisory vote on our approach to executive compensation.

Other important things to know

If for any reason a nominated director becomes unable to serve, your proxyholder has the right to vote for another nominated director at their discretion, unless you have indicated that you want to withhold your shares from voting on the election of directors.

If there are amendments or other items of business that properly come before the meeting, your proxyholder can vote on each matter as your proxyholder sees fit, as permitted by law, whether or not it is a routine matter, an amendment or contested item of business.

The chair of the meeting has the discretion to accept or reject any late proxies, and can waive or extend the deadline for receiving proxy voting instructions without notice.

If the meeting is postponed or adjourned, the deadline for AST Trust Company (Canada) to receive your voting instructions will be extended to 48 hours (excluding Saturdays, Sundays and statutory holidays) before the meeting is reconvened for your new voting instructions to be valid. See the table on page 12 for further instructions. If you are revoking your proxy without giving new voting instructions, the corporate secretary must receive the notice by 5 p.m. CST on the day before the meeting is reconvened or you must give notice to the chair of the meeting before the start of the reconvened meeting.

Questions

If you have questions about voting, completing the proxy form or residency declaration, or about the meeting in general, please contact Kingsdale, our strategic shareholder advisor and proxy solicitation agent:

Phone: 1.888.518.1558
(toll free within North America)

1.416.867.2272
(collect from outside North America)

Email: contactus@kingsdaleadvisors.com

Board of Directors and Corporate Governance

Where to find it

About the nominated directors 17 <ul style="list-style-type: none"> • Director profiles • 2020 Meetings and attendance • Director compensation and share ownership <ul style="list-style-type: none"> • Approach • Share ownership requirements • Director fee schedule • 2020 Director compensation details 	Our expectations of directors 47 <ul style="list-style-type: none"> • Code of conduct and ethics <ul style="list-style-type: none"> • Avoiding conflicts of interest • Related party transactions • Serving on other boards • Board interlocks • Change in position
<hr/> Our board 32 <ul style="list-style-type: none"> • Board structure, composition and succession <ul style="list-style-type: none"> • Independence assessment • Term limits and retirement • Board chair succession • Director recruitment • Nomination process • Skills, attributes and experience <ul style="list-style-type: none"> • Competency matrix and core attributes • Board diversity <ul style="list-style-type: none"> • Gender • Indigenous perspective • Geographic representation • Age • Board, committee and director assessments <ul style="list-style-type: none"> • Third-party board effectiveness assessment • Director development <ul style="list-style-type: none"> • Orientation • Continuing education 	<hr/> Board independence standards 50 <hr/> Stakeholder engagement 50 <ul style="list-style-type: none"> • Disclosure • Engagement with the investment community • Say on pay • How to engage with the board <hr/> Voting results 53 <hr/> Shareholder proposals 53 <hr/> Advance notice by-law 53 <hr/> Accessing our governance and other regulatory disclosure 53 <hr/> Compliance 54 <hr/> Governance Guidelines 54 <hr/>
<hr/> Our corporate governance 41 <ul style="list-style-type: none"> • Key elements of our corporate governance 41 • How the board operates 41 <ul style="list-style-type: none"> • Role of the board • Mandate • Overseeing the CEO • Board oversight responsibilities <ul style="list-style-type: none"> • Strategic oversight • ESG oversight • Risk oversight <ul style="list-style-type: none"> • Risk management • Information technology security • Executive succession planning and leadership development <ul style="list-style-type: none"> • Commitment to inclusion and diversity • Indigenous workforce • Women in leadership <ul style="list-style-type: none"> • Diversity of senior management • Internal controls 	<hr/> Board committees 55 <ul style="list-style-type: none"> • Committee responsibilities • Committee membership • Committee chair rotation • Cross-committee attendance • Access to management and outside advisors • Committee reports

About the nominated directors

Attributes, experience and skills

Core attributes		
Business judgment	Integrity and accountability	Engagement
Commitment	Teamwork	Communication
Independent-mindedness	Financial literacy	Record of achievement

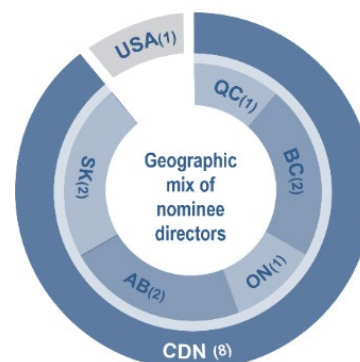
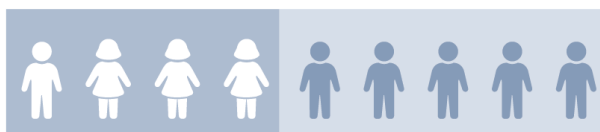
Key skills and experience

Board / corporate governance	100%
Risk oversight	100%
Capital projects	100%
Enterprise leadership	100%
Financial acumen	100%
Legal / regulatory	78%
Investor relations	100%
Stakeholder relations / government / public policy	78%
Human resources and executive compensation	89%
Uranium / nuclear	100%
International	100%
Investments / mergers and acquisitions	100%
Mining, exploration and operations	78%
Operational excellence	78%
Safety, health and environment / sustainability	100%

Diversity

Diversity

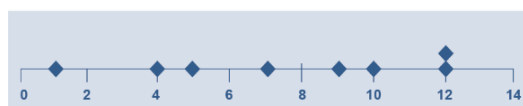
4 of 9 nominees are women or of Indigenous heritage



Tenure

(excluding Tim Gitzel)

Average tenure **7.50** years



Age

Average age **63** years



Commitment



Our board of directors is responsible for overseeing management and our business affairs. This year the board has nominated nine directors. All nominated directors currently serve on the board and have agreed to stand for re-election. For more on the nomination process, see the *Nomination process* section on page 34.

Board composition

This year's nominated directors have been selected based on several factors, including competencies and qualifications, experience, knowledge and other core attributes required of Cameco's board members. When assessing board composition, the nominating, corporate governance and risk committee considers tenure, diversity, independence and the collective expertise of the board members on a broad range of issues the board faces when overseeing our business and affairs.

Independence

Eight of our nine nominated directors (89%) are independent. The only non-independent director is our CEO, Tim Gitzel. All of the nominated directors are Canadian citizens and residents, except Kate Jackson who is a US citizen and resident. Daniel Camus holds Canadian and French citizenship and Leontine Atkins holds Canadian and Dutch citizenship.

Name	Status		
	Independent	Not independent	
Ian Bruce	✓		
Leontine Atkins	✓		
Daniel Camus	✓		
Donald Deranger	✓		
Catherine Gignac	✓		
Tim Gitzel		✓	President and CEO
Jim Gowans	✓		
Kate Jackson	✓		
Don Kayne	✓		

Majority voting for non-executive directors

Under corporate law, a nominated director can be elected with a single vote cast in their favour. However, under our majority voting policy to be elected a director must obtain a majority of votes cast in their favour. A director who does not receive a majority of votes cast in their favour in an uncontested election (where the number of nominated directors equals the number of board positions) must submit their resignation to the board immediately.

Within 90 days of the meeting, our nominating, corporate governance and risk committee will review the voting result and recommend to the board whether to accept or reject the resignation. Unless there are exceptional circumstances, the committee and the board will accept the resignation and it will take effect within such 90-day period. The director who submitted a resignation does not participate in any board or committee deliberations on the matter. The board will announce its decision immediately by issuing a press release. If the board rejects the resignation, it will provide a full explanation why. If the board accepts the resignation, it may appoint a new director to fill the vacancy.

Director profiles

The following pages tell you about each nominated director, including their background, skills, experience, and other public company boards they sit on. The profiles also provide details about each nominee's meeting attendance in 2020, share ownership and voting results at our 2020 annual meeting of shareholders.



Ian Bruce, Chair of the Board

Ian Bruce is a corporate director. He is the former president and CEO of Peters & Co. Limited, an independent investment dealer. He has more than 30 years of experience in investment banking with specialization in corporate finance and mergers and acquisitions, predominantly in the oil and gas industry.

Ian is a fellow of the Chartered Professional Accountants of Alberta, a recognized Specialist in Valuation under Canadian CPA rules, and a chartered business valuator. He is a past member of the Expert Panel on Securities Regulation for the Minister of Finance of Canada and is also a past board member and chair of the Investment Industry Association of Canada.

Prior to becoming board chair in May 2018, Ian was chair of the human resources and compensation committee. He has served on Cameco's audit committee for his entire tenure and has also served on audit and compensation committees of other public-company boards. Ian became board chair of MEG Energy Corp. in 2020 and is a director of the private company, TriAxon Energy Services Inc., and is a member of its audit and compensation committees.

Age: 67
 Calgary, AB
 Canadian
 Director since: 2012
Independent

Key skills and experience

- Board / corporate governance
- Financial acumen
- Investor relations
- Investments / mergers and acquisitions
- Risk oversight

Ian brings a strong finance and investment banking background as well as board, executive, energy sector, and leadership experience to Cameco's board. He serves as chair of the Cameco board and is a member of each of the five board committees.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board chair*	7 of 7	5 of 5	100%

* Ian is a member of all committees and he attended all committee meetings in 2020.

Other public company boards in past five years

MEG Energy Corp. (TSX)	June 2019 to present
Cona Resources Ltd. (TSX)*	2014 to 2018
Logan International Inc. (TSX)	2011 to 2016

* Ian was a director of Northern Blizzard Resources Inc., a predecessor company to Cona Resources Inc., from 2011 to 2014, and continued to serve as a director from 2014 to 2018 after it changed its name to Cona Resources Ltd. and became a public company in 2014.

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	75,000	79,673	154,673	\$2,637,175	7.0x	✓ Yes
2019	75,000	65,147	140,147	\$1,617,296		
Change	–	14,526	14,526	\$1,019,879		

¹ Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

² For evaluating compliance with Cameco's share ownership guidelines, Ian's shares and DSUs held at December 31, 2020 are valued at \$3,116,573 and represent 8.3x the board chair retainer of \$375,000.

2020 Voting results

99.3% votes for	0.7% votes withheld
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Ian was a director of Laricina Energy Limited (Laricina), a junior oil sands private company, from 2013 to 2017. Laricina was under Companies' Creditors Arrangement Act (Canada) (CCAA) protection from March 26, 2015 until February 1, 2016, when it exited from CCAA protection. Its restructuring plan was approved by the Alberta Court of Queen's Bench on July 22, 2015.



Leontine Atkins

Leontine Atkins is a corporate director and joined Cameco's board on August 1, 2020. Leontine was a board member of KPMG Canada's National Board of Directors until early 2019, serving on the National Acquisitions and Admissions and Succession committees. She was previously a Partner with KPMG Canada from 2006 to 2019. Prior to that she was a Partner at KPMG Netherlands until she moved to Canada in 2006. She has over 30 years of experience in the global mining, power, utility and oil and gas industries, with a focus on corporate strategy.

Leontine received a bachelor of business administration degree in finance from Acadia University and a master of business administration degree from Dalhousie University. She holds CPA and CA designations as well as the ICD.D designation from the Institute of Corporate Directors.

Leontine serves as a director and audit committee chair of both Points International Ltd. and Seven Generations Energy Ltd. She is a director of the municipal utility, EPCOR Utilities Inc. She served on the board and as audit committee chair of Calgary Economic Development from 2014 to 2020 and is a member of the executive committee of the Calgary Chapter of the Institute of Corporate Directors.

Age: 56
Calgary, AB
Canadian and Dutch
Director since: 2020
Independent

Key skills and experience

- Financial acumen
- Board / corporate governance
- Human resources and executive compensation
- Risk oversight
- International energy markets

Leontine brings a strong audit and finance background to our board as well as corporate governance and merger and acquisition advisory experience. Leontine chairs the audit committees of two other publicly traded companies.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	2 of 2	1 of 1	100%
Nominating, corporate governance and risk*	1 of 1		100%
Reserves oversight*	1 of 1		100%

* Leontine joined the nominating, corporate governance and risk and reserves oversight committees when she joined the board in August 2020.

Other public company boards in past five years

Points International Ltd. (TSX and NASDAQ)	2019 to present
Seven Generations Energy Ltd. (TSX)*	2019 to present

* A merger with ARC Resources Ltd. is pending and proposed to close in the second quarter of 2021.

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	3,252	3,330	6,582	\$112,223	0.6x	✓ Yes

¹ Based on total holdings multiplied by the closing price of Cameco common shares of \$17.05 on the TSX as of December 31, 2020.

² For evaluating compliance with Cameco's share ownership guidelines, Leontine's shares and DSUs held at December 31, 2020 are valued at \$112,221 and represent 0.6x the board member retainer of \$200,000. Leontine has been on the board for less than one year and has until August 1, 2025 to meet the share ownership guideline target.

2020 Voting results

Leontine's appointment to the board followed the 2020 AGM



Daniel Camus

Daniel Camus is a corporate director. He is the former group CFO and head of strategy and international activities of Electricité de France SA (EDF). Based in France, EDF is an integrated energy operator active in the generation (including nuclear generation), distribution, transmission, supply and trading of electrical energy with international subsidiaries. He is the former CFO of the humanitarian finance organization, The Global Fund to Fight AIDS, Tuberculosis and Malaria, a position he held from 2012 to 2017.

Daniel holds a PhD in Economics from Sorbonne University, and an MBA in finance and economics from the Institute d'Études Politiques de Paris. Over the past 25 years, he has held various senior roles with the Aventis and Hoechst AG Groups in Germany, the US, Canada, and France. He has chaired several audit committees and brings experience in human resources and executive compensation through his senior executive roles at international companies where he worked on business integrations in Germany, the US, Canada, and France. He is the audit committee chair and board member of the non-governmental organization, FIND Diagnostics, located in Geneva, Switzerland and of MedAccess plc, located in London, UK.

Age: 68
Westmount, QC
Canadian and French
Director since: 2011
Independent

Key skills and experience

- Financial acumen
- International business
- Investments / mergers and acquisitions
- Uranium / nuclear
- Risk oversight

Daniel brings CFO, international business and energy sector experience, in particular in nuclear, to Cameco's board and the two committees he sits on, including as chair of the audit and finance committee. He also chairs the compensation committee of another public company.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%
Audit and finance	5 of 5	1 of 1	100%
Human resources and compensation	4 of 4		100%

Other public company boards in past five years

ContourGlobal PLC, London (LSE)	2016 to present
SGL Carbon SE, Wiesbaden (Xetra)	2008 to 2018
Valeo SA, Paris (NYX)	2006 to 2018

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	–	87,059	87,059	\$1,484,356	7.4x	✓ Yes
2019	–	82,167	82,167	\$948,207		
Change	–	4,892	4,892	\$536,149		

¹ Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

² For evaluating compliance with Cameco's share ownership guidelines, Daniel's DSUs held at December 31, 2020 are valued at \$1,636,725 and represent 8.2x the board member retainer of \$200,000.

2020 Voting results

98.5% votes for

1.5% votes withheld



Donald Deranger

Donald Deranger is an advisor to the Athabasca Basin Development Corporation and non-executive chair of the board of Points Athabasca Contracting Limited Partnership, a northern Saskatchewan Indigenous contractor that does business with Cameco. He is also a governance advisor to the Dené Suliné Nation, which is located in northern regions across western Canada.

Donald is the past president of Learning Together, a non-profit Indigenous organization that works to build relationships with the mining industry, and he continues to assist in an ex-officio capacity. He was the Athabasca vice chief of the Prince Albert Grand Council from 2003 to 2012. Donald has served as a director of the Sylvia Fedorchuk Centre for Nuclear Innovation since 2014. He also served as a director of the Tazi Twe Hydroelectric Project from 2014 to 2016.

An award-winning leader in the Saskatchewan Indigenous community, Donald brings to the board a deep understanding of the culture and peoples of northern Saskatchewan where some of our key assets are located.

Age: 65
 Prince Albert, SK
 Canadian
 Director since: 2009
Independent

Key skills and experience

- Board / corporate governance
- Stakeholder relations / government / public policy
- Safety, health and environment / sustainability
- Uranium / nuclear

Donald's experience as a contractor in northern Saskatchewan and a leader in the Saskatchewan Indigenous community provides a rich, valuable and unique perspective to Cameco's board and as a member of three of our board committees.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%
Nominating, corporate governance and risk	4 of 4		100%
Reserves oversight	2 of 2		100%
Safety, health and environment	3 of 3		100%

Other public company boards in past five years

None

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	–	71,847	71,847	\$1,224,991	6.1x	✓ Yes
2019	–	67,551	67,551	\$779,539		
Change	–	4,296	4,296	\$445,453		

1 Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

2 For evaluating compliance with Cameco's share ownership guidelines, Donald's DSUs held at December 31, 2020 are valued at \$1,378,498 and represent 6.9x the board member retainer of \$200,000.

2020 Voting results

99.5% votes for 0.5% votes withheld



Catherine Gignac

Catherine Gignac is a corporate director. She has more than 30 years of experience in capital markets and the mining industry and has held senior positions as a mining equity research analyst with leading global brokerage firms and independent boutiques. She has extensive experience in project value and investment analysis, and spent her early working years as a geologist.

Age: 59
Mississauga, ON
Canadian
Director since: 2014
Independent

Key skills and experience

- Mining, exploration and operations
- Financial acumen
- Investments / mergers and acquisitions
- Investor relations
- Safety, health and environment / sustainability

Catherine's extensive career as a mining equity research analyst and geologist, and experience in project value analysis and mergers and acquisitions, expand the range of skills of Cameco's board. She is chair of our reserves oversight committee and also serves on two other board committees.

Catherine is a member of the Institute of Corporate Directors, the Canadian Institute of Mining & Metallurgy, and the Prospectors and Developers Association of Canada (PDAC). She is a past chair of the board of Women in Mining Canada where she served until March 2021. She served as a member of the Canadian Securities Administrators' mining technical advisory and monitoring committee (CSA MTAMC) until October 2020.

Catherine was the principal of Catherine Gignac & Associates from 2011 to 2015. She served as chair of the public company, Corvus Gold Inc., from 2014 to 2019 and as a member of its board for six years.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%
Audit and finance	5 of 5	1 of 1	100%
Nominating, corporate governance and risk	4 of 4		100%
Reserves oversight (chair)	2 of 2		100%

Other public company boards in past five years

OceanaGold Corporation (TSX)	August 2019 to present
Corvus Gold Inc. (TSX)	2013 to March 2019
Trevali Mining Corporation (TSX)	2012 to 2017

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	20,000	36,734	56,734	\$967,315	4.8x	✓ Yes
2019	15,000	36,525	51,525	\$594,599		
Change	5,000	209	5,209	\$372,716		

¹ Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

² For evaluating compliance with Cameco's share ownership guidelines, Catherine's shares and DSUs held at December 31, 2020 are valued at \$992,008 and represent 5.0x the board member retainer of \$200,000.

2020 Voting results

99.6% votes for	0.4% votes withheld
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Tim Gitzel

Tim Gitzel is president and CEO of Cameco. He served as president from 2010 to 2011, and prior to that served as senior vice-president and chief operating officer. Tim has more than 20 years of senior management experience in Canadian and international uranium activities. Prior to joining Cameco, he was executive vice-president, mining business unit for Orano (formerly AREVA) in Paris, France, where he was responsible for global uranium, gold, exploration and decommissioning operations in 11 countries.

Tim received his bachelor of arts and law degrees from the University of Saskatchewan. He participated in an executive education programme facilitated by INSEAD in France. He was appointed to the board of the Nuclear Energy Institute in 2012 and to The Mosaic Company board in October 2013. He currently serves as chair of The Mosaic Company's compensation committee. He served as chair of the World Nuclear Association from 2012 to 2014 and continues to serve as a member of the board. He is also a member of the board of directors of the Business Council of Canada. Tim was appointed Honorary Consul of Kazakhstan in Saskatchewan in 2020.

Tim is past president of the Saskatchewan Mining Association, and has served on the boards of SaskEnergy Corporation, the Saskatchewan Chamber of Commerce and Junior Achievement of Saskatchewan. He serves our community in numerous capacities, including several current and past leadership positions with charitable and non-profit organizations.

Age: 58
Saskatoon, SK
Canadian
Director since: 2011
President and CEO
Not independent

Key skills and experience

- Uranium / nuclear
- International business
- Mining, exploration and operations
- Legal / regulatory
- Operational excellence

As Cameco's president and CEO, Tim brings the day-to-day business and operations perspective to the board, and is responsible for executing Cameco's strategy. Tim has over two decades of industry experience and brings added perspective as a member of the board of the World Nuclear Association and the Nuclear Energy Institute.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%

Other public company boards in past five years

The Mosaic Company (NYSE) 2013 to present

Securities held

Year	Cameco shares	PSUs*	RSUs	Total shares, PSUs and RSUs	Market value of shares, PSUs and RSUs**	Executive share ownership guideline compliant
2020	370,035	345,242	130,362	845,639	\$14,418,145	✓ Yes
2019	299,594	344,054	–	643,648	\$7,427,698	(see pages 71 and 72)
Change	70,441	1,188	130,362	201,991	\$6,990,447	

* Excludes PSUs that vested on December 31, 2020.

** Value of shares (\$6,309,097), PSUs (\$5,886,376) and RSUs (\$2,222,672) for 2020 are calculated using \$17.05 for 2020 and \$11.54 for 2019, the year-end closing prices of Cameco shares on the TSX. This is the total value of Tim's accumulated shares and other equity-based holdings.

See *Incentive plan awards* on page 94 for details about his stock options.

2020 Voting results

99.5% votes for	0.5% votes withheld
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Jim Gowans

Age: 69
Surrey, BC
Canadian
Director since: 2009
Independent

Key skills and experience

- Safety, health and environment / sustainability
- Capital projects
- Enterprise leadership
- International business
- Mining, exploration and operations
- Operational excellence

Jim brings strong experience in the resource sector to Cameco's board through an extensive career as a senior executive with several major mining companies and his role as past chair of The Mining Association of Canada. He serves on three of our board committees including as chair of the safety, health and environment committee.

Jim Gowans is a corporate director. He has over 30 years of experience as a senior executive in the mining industry, including holding executive positions at Debswana Diamond Company in Botswana, DeBeers SA, DeBeers Canada Inc., PT Inco in Indonesia, and Placer Dome Ltd. He served as interim president, CEO of Trilogy Metals Inc. from August 2019 to May 2020. He was president, CEO and a director of Arizona Mining Inc. from January 2016 to August 2018. Prior to that, he was senior advisor to the chair of the board of Barrick Gold Corporation from August to December 2015, and co-president from July 2014 to August 2015. Jim is the past chair of the Mining Association of Canada.

Jim received a bachelor of applied science degree in mineral engineering from the University of British Columbia and attended the Banff School of Advanced Management. He has extensive mining knowledge and perspective on the importance of sustainability and stakeholder relations. He was a director of the private company, Gedex Technologies Inc. from 2015 to November 2019.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	4 of 5*	80%
Audit and finance	5 of 5	1 of 1	100%
Reserves oversight	2 of 2		100%
Safety, health and environment (chair)	3 of 3		100%

* For the special meeting Jim was unable to attend, he participated in a briefing and discussion on the content of the meeting with senior management.

Other public company boards in past five years

Marathon Gold Corporation	June 2020 to present
Trilogy Metals Inc. (NYSE-MKT)	May 2019 to present
Titan Mining Corporation (TSX)	2018 to present
New Gold Inc. (TSX)	2018 to present
Detour Gold Corporation (TSX)	2018 to March 2019
Arizona Mining Inc. (TSX)	2016 to 2018
Dominion Diamond Corporation (TSX)	2016 to 2017
NewCastle Gold Ltd. (TSX)	2016 to 2017

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	9,000	82,598	91,598	\$1,561,746	7.8x	✓ Yes
2019	9,000	73,753	82,753	\$954,970		
Change	–	8,845	8,845	\$606,776		

¹ Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

² For evaluating compliance with Cameco's share ownership guidelines, Jim's shares and DSUs held at December 31, 2020 are valued at \$1,818,507 and represent 9.1x the board member retainer of \$200,000.

2020 Voting results

95.5% votes for 4.5% votes withheld

Jim was a director of Gedex Technologies Inc. (Gedex), an Ontario-based developer of airborne geological imaging technology, from 2015 to November 2019. Gedex was under Companies' Creditors Arrangement Act (Canada) (CCAA) protection from August 12 to December 5, 2019, when it exited from CCAA protection. Its restructuring plan was approved by the Ontario Supreme Court of Justice on December 18, 2019.



Kathryn (Kate) Jackson

Kate Jackson is a corporate director. She is the former senior vice-president and chief technology officer of RTI International Metals Inc. (from 2014 to 2015) and previously served as senior vice-president and chief technology officer for Westinghouse Electric Company (from 2008 to 2014), which included responsibility for sustainability and environment, health and safety. She has held various senior positions at the Tennessee Valley Authority and Alcoa Corporation.

Age: 63
Pittsburgh, PA USA
American
Director since: 2017
Independent

Key skills and experience

- Uranium / nuclear
- Safety, health and environment / sustainability
- Risk oversight
- Operational excellence
- Human resources and executive compensation
- Capital projects

Kate brings extensive senior management and board experience in highly technical industries, including nuclear power generation, to Cameco's board and the three committees she sits on. She has worked on both the utility and supplier side of the industry.

Kate received a doctorate and a master's degree in engineering and public policy from Carnegie Mellon University. She also holds a master's degree in industrial engineering management from the University of Pittsburgh and a bachelor's degree in physics from Grove City College.

Kate chaired the ISO New England Inc. board from 2008 to 2014. ISO New England Inc. is an independent non-profit regional transmission organization serving a number of Eastern US states. Kate is a member of Carnegie Mellon University School of Engineering Dean's Advisory Council and the advisory board of the Carnegie Mellon Electricity Industry Centre. She is a member of the University of Pittsburgh Engineering School Board of Visitors and a board member of the private company, Duquesne Light Company. Kate serves as a member of the compensation committees of both Portland General Electric company and EQT Corporation.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%
Human resources and compensation	4 of 4		100%
Nominating, corporate governance and risk	4 of 4		100%
Safety, health and environment	3 of 3		100%

Other public company boards in past five years

Rice Acquisition Corporation (NYSE)	October 2020 to present
EQT Corporation (NYSE)	July 2019 to present
Portland General Electric Company (NYSE)	2014 to present
Hydro One Limited (TSX)	2015 to 2018
Rice Energy, Inc. (NYSE)	April to Nov 2017

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	—	37,133	37,133	\$633,118	3.2x	✓ Yes
2019	—	27,915	27,915	\$322,139		
Change	—	9,218	9,218	\$310,979		

¹ Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

² For evaluating compliance with Cameco's share ownership guidelines, Kate's DSUs held at December 31, 2020 are valued at \$633,133, and represent 3.2x the board member retainer of \$200,000.

2020 Voting results

99.4% votes for 0.6% votes withheld



Don Kayne

Don Kayne is the president and CEO of Canfor Corporation and the CEO of Canfor Pulp Products Incorporated. He serves as a director of both Canfor companies.

Don has extensive experience in international marketing. He has spent his entire career at Canfor, starting out as a regional sales representative in 1979. Prior to being appointed CEO, Don spent 10 years as Canfor's vice-president of sales and marketing, and is one of the lead architects of the market for British Columbia lumber in China. Don's work in growing markets for Canfor products around the world has provided him with deep connections to markets and customers in every region Canfor serves.

Don is a director of the private company, VIDA Corporation, a Swedish wood products company of which Canfor owns 70%. He serves as director of the Forest Products Association of Canada, Alberta Forest Products Association and the BC Lumber Trade Council. He serves as chair of the Council of Forest Industries and as vice chair of the Bi-National Softwood Lumber Council and serves as chair of its programs committee. He is an audit committee member and the former board chair of the Forest Products Association of Canada. He is a patron of the BCIT INSPIRE Campaign and is past chair and director of the charitable organization Educating Girls of Rural China Foundation, which works to transform the lives of women and communities in rural areas of western China by providing access to education. Don brings experience in human resources and executive compensation through his senior executive roles at Canfor.

Age: 63
Delta, BC
Canadian
Director since: 2016
Independent

Key skills and experience

- Enterprise leadership
- Human resources and executive compensation
- International business
- Investments / mergers and acquisitions
- Safety, health and environment / sustainability

Don brings many years of experience as a business executive in Canada's resource industry to Cameco's board as well as valuable insights into emerging Asian markets where Cameco does business. He serves on two of our committees, including as chair of the human resources and compensation committee.

Board and committee membership	2020 Attendance		
	Regular	Special	Overall
Board of directors	7 of 7	5 of 5	100%
Human resources and compensation (chair)	4 of 4		100%
Reserves oversight*	1 of 1		100%
Safety, health and environment	3 of 3		100%

* Don left the reserves oversight committee in November 2020.

Other public company boards in past five years

Canfor Corporation* (TSX)	2017 to present
Canfor Pulp Products Incorporated* (TSX)	2017 to present

* Canfor Corporation holds a controlling interest in Canfor Pulp Products Incorporated. The entities share an executive team and committee assignments, and board meetings are held concurrently.

Securities held

Year	Cameco shares	DSUs	Total shares and DSUs	Market value of shares and DSUs ¹	Multiple of 2020 annual retainer (at market value)	Share ownership guideline compliant ²
2020	–	86,352	86,352	\$1,472,302	7.4x	✓ Yes
2019	–	68,487	68,487	\$790,340		
Change	–	17,865	17,865	\$681,962		

1 Based on total holdings multiplied by the closing price of Cameco common shares on the TSX on December 31: \$11.54 (2019) and \$17.05 (2020).

2 For evaluating compliance with Cameco's share ownership guidelines, Don's DSUs held at December 31, 2020 are valued at \$1,472,296 and represent 7.4x the board member retainer of \$200,000.

2020 Voting results

94.3% votes for 5.7% votes withheld

2020 Meetings and attendance

We believe that an active board governs more effectively. Directors are expected to attend all board and committee meetings. We recognize that directors may receive short notice for special meetings. We expect them to make their best effort to attend special meetings and they can participate by teleconference when attending in person does not permit. A majority of directors must be in attendance to hold a meeting and transact business. In 2020, the board conducted five special board meetings as well as five update calls.

As a regular feature at each board and committee meeting, the independent directors meet *in camera*. The chair or the committee chair, as the case may be, presides over the *in camera* sessions. The following table is a summary of the meetings held in 2020 and the overall attendance record. Meeting attendance for each director is provided in the director profiles.

	Number of meetings		Overall meeting attendance
	Regular	Special	
Board	7	5	99%
Audit and finance	5	1	100%
Human resources and compensation	4		100%
Nominating, corporate governance and risk	4		100%
Reserves oversight	2		100%
Safety, health and environment	3		100%
Total	25	6	100%

The board chair is a member of each board committee and Ian Bruce attended all committee meetings in 2020. Board committees function independently of management, so Tim Gitzel, our president and CEO, is not a member of any board committee but is invited to attend all committee meetings.

Director compensation and share ownership

We have structured our director compensation program to align with market practice and to recognize the time commitment, responsibility and attention directors devote to board and committee responsibilities throughout the year. The human resources and compensation committee assists the board in overseeing the director compensation policies and program. You can read about compensation governance starting on page 67.

Approach

We have three goals:

- Recruit and retain qualified individuals to serve as members of our board and contribute to our overall success.
- Align the interests of our board and shareholders by requiring directors to own Cameco shares or share equivalents (by receiving at least 60% of their annual retainer in DSUs until they meet our share ownership guidelines).
- Pay competitively by positioning compensation at the median of director compensation paid by companies that are comparable in size and similar to Cameco in nature and scope of operations. We use the same comparator group to benchmark executive and director compensation. See page 70 to read about the comparator group.

Share ownership requirements

Share ownership is an important function of compensation governance. We require each director to own Cameco shares or deferred share units (DSUs) to align the interests of our directors and shareholders. The human resources and compensation committee regularly reviews and assesses our guidelines to make sure they continue to align with market practice.

We report each director's holdings and their total value, including the Cameco shares they own or exercise control or direction over in the director profiles, based on the year-end closing price of Cameco shares on the TSX.

Year end	Closing price of Cameco common shares
December 31, 2019	\$11.54
December 31, 2020	\$17.05

We require directors to hold at least three times their annual retainer within five years of joining the board, and they must receive at least 60% of the annual retainer in DSUs until they meet the ownership requirement. The board chair has a higher ownership requirement because of the higher retainer for the role, and a director who assumes the chair position has an additional three years to meet the increased level. As president and CEO, Tim Gitzel is required to meet our executive share ownership guidelines (see page 71).

Directors can count Cameco shares and deferred share units (DSUs) to meet the ownership guidelines. A DSU is a notional share that has the same value as one Cameco common share. DSUs earn additional units as dividend equivalents at the same rate as dividends paid on our common shares. DSUs can only be redeemed by directors after they retire from the board.

A director who has met the share ownership guidelines can receive all of their retainer and fees in cash, or a portion in cash and the balance in DSUs in increments of 25%, which they decide before the beginning of each fiscal year. The director compensation details table on the following page shows the percentage of the annual retainer paid in DSUs in 2020 for each director.

To assess compliance, we use our year-end closing share price on the TSX or the price the shares or units were acquired at, whichever is higher. As of December 31, 2020, directors held a total of \$9,238,146 worth of DSUs (representing approximately 541,827 common shares) based on the year-end closing price of Cameco shares on the TSX of \$17.05. The table below provides share ownership details for each non-executive director.

Directors	Annual retainer	Total holdings		Value of holdings (\$) (using share ownership guideline value)	Value of holdings (\$) ¹	Multiple achieved (#)	Meets share ownership guideline
		Cameco shares	DSUs				
Ian Bruce	375,000	75,000	79,673	3,116,573	2,637,175	7.0x	Yes
Leontine Atkins	200,000	3,252	3,330	112,221	112,223	0.6x	Has until August 1, 2025 to meet the guideline
Daniel Camus	200,000	—	87,059	1,636,725	1,484,356	7.4x	Yes
Donald Deranger	200,000	—	71,847	1,378,498	1,224,991	6.1x	Yes
Catherine Gignac	200,000	20,000	36,734	992,008	967,315	4.8x	Yes
Jim Gowans	200,000	9,000	82,598	1,818,507	1,561,746	7.8x	Yes
Kate Jackson	200,000	—	37,133	633,113	633,118	3.2x	Yes
Don Kayne	200,000	—	86,352	1,472,296	1,472,302	7.4x	Yes
Anne McLellan	200,000	100	57,100	1,263,403	975,260	4.9x	Yes

1. Based on total holdings multiplied by the closing share price of \$17.05 on the TSX as of December 31, 2020.

Director fee schedule

Non-executive directors receive the following compensation (all amounts are in Canadian dollars):

ANNUAL RETAINER	
Non-executive chair of the board	\$375,000
Other non-executive directors	\$200,000
COMMITTEE CHAIR RETAINERS	
Audit and finance committee	\$20,000
Human resources and compensation committee	\$20,000
Other committees (nominating, corporate governance and risk, reserves oversight, and safety, health and environment)	\$11,000
COMMITTEE RETAINERS	
Audit and finance committee members	\$5,000
Human resources and compensation committee members	\$5,000
Member of more than two committees (per additional committee)	\$5,000
TRAVEL FEES (PER ROUND TRIP)	
Over 1,000 km within Canada	\$1,700
From the US	\$2,100
From outside North America	\$3,300

Non-executive directors do not participate in our incentive compensation plans or pensions plans.

2020 Director compensation details

The next table shows the fees earned by each non-executive director in 2020, based on the current fee schedule and their committee memberships. Ian Bruce is our non-executive chair of the board and his annual retainer reflects the fees paid to him in this capacity.

Name	Annual retainer	Other retainers		Other payments ¹	Travel fee ²	Total paid	% of annual retainer paid in DSUs
	Board	Committee member	Committee chair				
Ian Bruce	\$375,000	–	–	–	–	\$375,000	50%
Leontine Atkins	\$83,333	–	–	\$90,000	–	\$173,333	60%
Daniel Camus	\$200,000	\$10,000	\$20,000	–	\$3,400	\$233,400	25%
Donald Deranger	\$200,000	\$5,000	–	–	\$1,700	\$206,700	25%
Catherine Gignac	\$200,000	\$10,000	\$11,000	–	\$3,400	\$224,400	–
Jim Gowans	\$200,000	\$10,000	\$11,000	–	\$1,700	\$222,700	50%
Kate Jackson	\$200,000	\$10,000	–	–	\$4,200	\$214,200	60%
Don Kayne ³	\$200,000	\$9,198	\$20,000	–	\$1,700	\$230,898	100%
Anne McLellan	\$200,000	\$5,000	\$11,000	–	–	\$216,000	25%
Total	\$1,858,333	\$59,198	\$73,000	\$90,000	\$16,100	\$2,096,631	–

1. Payment made to Leontine Atkins for attending as an observer prior to joining the board.
2. Travel fees paid for attending February board and committee meetings, and for attending a board meeting held in December 2019 but paid in 2020. All other meetings in 2020 were held virtually.
3. Don Kayne served on more than two committees until November 2020.

Incentive plan awards – DSUs

The next table shows what each non-executive director earned in DSUs in 2020. We have combined information from two mandatory tables: *Incentive plan awards – Value vested or earned during the year* and *Outstanding share-based and option-based awards* into the table below:

- *Share-based awards – Value vested during the year* is the value of DSUs that the directors received in 2020, valued as of the grant dates. It includes all of the DSUs that vested as of the grant date and DSUs granted as dividend equivalents in 2020.
- *Share-based awards – Market or payout value of vested share-based awards not paid out or distributed* provides the value of all of the directors' DSUs that have vested. The DSUs were valued at the year-end closing price of Cameco shares on the TSX of \$17.05. DSUs are not paid out until after the director retires from the board.

Name	Share-based awards	
	Value vested during the year	Market or payout value of vested share-based awards not paid out or distributed
Ian Bruce	\$193,596	\$1,358,430
Leontine Atkins	\$50,110	\$56,774
Daniel Camus	\$65,201	\$1,484,364
Donald Deranger	\$57,324	\$1,224,992
Catherine Gignac	\$2,922	\$626,316
Jim Gowans	\$117,778	\$1,408,300
Kate Jackson	\$122,799	\$633,113
Don Kayne	\$237,475	\$1,472,296
Anne McLellan	\$58,472	\$973,561
Total	\$905,677	\$9,238,146

See the share ownership table on page 29 for the number of Cameco shares and DSUs held by each director.

Loans to directors

As of March 10, 2021, we and our subsidiaries had no loans outstanding to any current or former directors, except routine indebtedness as defined under Canadian securities laws.

Our board

Board structure, composition and succession

The nominating, corporate governance and risk committee regularly reviews the composition of the board to make sure we have an appropriate combination of skills, experience, tenure and perspectives. The board recognizes the need to balance skills and experience with the need for new perspectives. The nominating, corporate governance and risk committee is responsible for ensuring that the board's succession planning process and policy on tenure and retirement provide for board refreshment that meets our ongoing needs. The committee is also responsible for the annual review of board composition and the nomination process.

Independence assessment

The independent chair of the board serves a five-year term and is appointed by the independent board members. The roles of chair and CEO have been separate since 2003. Our CEO has primary responsibility for the operational leadership and strategic direction of Cameco, while our independent chair facilitates the board's independent oversight of management, promotes communication between management and the board, engages with shareholders, and leads the board's consideration of key governance matters.

The board believes this leadership structure is appropriate because it effectively allocates authority, responsibility and oversight between management and the independent directors. The chair and CEO positions each have a formal position description that describes the terms and responsibilities of the role. These are available on our website (cameco.com/about/governance).

INDEPENDENT CHAIR

Ian Bruce currently serves as independent chair of the board. The chair's key responsibilities include:

- leading, managing and organizing the board consistent with our approach to governance
- encouraging high performance and commitment of all directors
- overseeing the board's strategic focus to ensure that it represents Cameco's best interests
- helping to set the tone and culture of Cameco
- overseeing the board's procedures so it can carry out its work effectively, efficiently and independently of management
- overseeing all board matters so they are properly addressed and brought to resolution as required
- requiring any matters delegated to the board committees to be properly carried out
- acting as the liaison between the board and the CEO and providing advice, counsel and mentorship to the CEO
- meeting with shareholders and other stakeholders in consultation with management
- participating in the recruitment and orientation of new directors
- ensuring that Cameco provides timely and relevant information and access to other resources to support the board's work.

INDEPENDENT BOARD

- *8 of 9 director nominees are independent* – except for our CEO, Tim Gitzel, all directors are independent
- *Board tenure limits* – we are committed to board refreshment. To strike a balance between retaining directors with deep knowledge of the company, the industry and the key risks and opportunities facing Cameco, the board has set terms limits and a retirement age. The average tenure of the independent directors as a group is 7.5 years
- *In camera sessions* – it is our practice for the independent directors to meet without management present at each board and committee meeting
- *Independent compensation consultant* – the human resources and compensation committee retains a compensation consultant that is independent of the company, our board and management as required by independence standards set for our compensation consultants
- *Independent review of board assessments* – an independent third-party undertakes a board effectiveness assessment every five years. This review is in addition to annual board, committee, and director assessments
- *External advisors* – each board committee, with approval of the board chair, and individual directors, may engage external advisors at Cameco's expense to ensure they have access to independent advice.

The board evaluates the independence of each director nominee by applying our independence criteria to the relationship between each nominee and Cameco to determine whether there is a material or other disqualifying relationship that could affect the nominee's ability to exercise independent judgment.

Following completion of the board's annual multi-step process for gathering information to assess director independence, the board has determined that, other than the CEO, all director nominees are independent. The board paid particular attention to Leontine Atkins as she is a new nominee standing for election to the Cameco board for the first time. The board specifically considered Leontine's status as a retired partner of KPMG Canada when considering her as a director candidate and inviting her to serve as an observer to Cameco's board prior to her appointment as a director in August 2020. Leontine resigned her position as a partner with KPMG Canada in April 2019 and during her tenure as a partner of that firm Ms. Atkins never served as part of Cameco's audit team, nor did she provide advice to the audit team in any capacity. While the board has determined Leontine is independent, as a matter of good governance the board decided not to appoint her to the audit committee at this time.

Term limits and retirement

Directors are not nominated for election at an annual meeting after they complete 15 years of continuous service on the board or turn 72, whichever is earlier. In exceptional circumstances, if it is in Cameco's best interest, the board has the discretion to nominate a director for re-election for an additional one-year term after age 72 or 15 years of service. The CEO typically resigns from the board when he or she retires from Cameco.

Board chair succession

The chair of the nominating, corporate governance and risk committee leads the process for selecting the chair of the board. The process is based on an assessment of specific competencies, interviews with individual directors and principles such as fairness and transparency, consensus building, free and unfettered discussion, confidentiality and the importance of the chair/CEO relationship. The term for serving as board chair is five years regardless of the director's age or years of service.

Director recruitment

The nominating, corporate governance and risk committee is responsible for the director recruitment process and overseeing board succession. It reviews the director competency and attribute matrix annually to ensure that the board has an appropriate mix of diversity, skills and experience. It also monitors upcoming director retirements to identify specific skills that may be desirable in new recruits.

The committee maintains an evergreen list of suitable candidates based on their skills, experience, character, integrity, judgment, record of achievement, diversity and other qualities or qualifications that would enhance overall composition and oversight capabilities of the board, and considers any recommendations made by shareholders.

The committee follows established guidelines and procedures for recruiting and selecting the best candidates. An external search firm is usually retained to cast a wide net to bring forward the best candidates. The committee also generally follows a tiered interview process to determine the most suitable candidates. The committee approves the list of candidates to be interviewed, a selection committee (consisting of the chair of the board, committee chair and the CEO) interviews the candidates, and additional interviews are conducted by the nominating, corporate governance and risk committee and other committee chairs if necessary.

Anne McLellan is not standing for re-election to the board at our 2021 annual meeting as she has completed 15 years of continuous service. As chair of the nominating, corporate governance and risk committee, Anne led a diligent recruitment process to identify a qualified woman director candidate with strong financial acumen. This resulted in the appointment of Leontine Atkins to the board as of August 1, 2020. Leontine has a strong audit and finance background and also brings corporate governance and merger and acquisition advisory experience to the board. She served as a board observer prior to her appointment as part of her orientation.

Three directors have joined the board in the last five years and two of the three are women, increasing the board's diversity. The new directors have senior leadership and CEO experience as well as strong financial acumen, experience in capital projects, the nuclear industry and international business and skills in mergers and acquisitions, marketing and sales, operational excellence, and human resources and executive compensation.

Nomination process

The nominating, corporate governance and risk committee assesses the diversity, skills and experience of the board and is responsible for recommending director candidates for nomination on an annual basis. In assessing potential candidates, the committee reviews the list of potential conflict situations, as well as a report on actual and potential conflicts of interest, among other things, before recommending the nominees for election by shareholders.

Shareholders may at any time submit names of individuals for the board to consider as director nominees. The committee will consider any submissions when assessing the diversity, skills and experience required on the board to enhance overall composition and oversight capabilities. For additional information on nominating individuals, please see page 53.

Skills, attributes and experience

We believe that a board that has certain core attributes and a broad mix of skills and experience is best equipped to oversee our affairs and strategic direction, understand issues that can arise with a company of our size and complexity, and make informed decisions.

The board maintains a competency matrix to assess composition and ensure it has an appropriate mix of skills and competencies to govern effectively and be a strategic resource for Cameco. The nominating, corporate governance and risk committee reviews the matrix annually and, along with the board, identifies any gaps in the skills and competencies considered most relevant for the company. Upon the retirement of John Clappison from the board in 2019 and the pending retirement of Anne McLellan in 2021, the committee prioritized the recruitment of a woman candidate with a strong finance and accounting background. This planning resulted in the recruitment and appointment of Leontine Atkins to the board in August 2020.

Competency matrix and core attributes

The nominating, corporate governance and risk committee reviews director competencies every year to ensure they continue to meet Cameco's needs. All our directors exhibit the following set of core attributes:

- Business judgment and a mindset for risk oversight
- Integrity and accountability
- Engagement giving proper time and attention to fulfill responsibilities to Cameco
- Commitment to board priorities and leadership roles
- Financial literacy
- Teamwork that fosters mutual trust, respect, and contribution
- Communication fostering open discussion of key issues
- Independent-mindedness to maintain one's own views
- Record of achievement that reflects high standards

Each director completes a self-assessment of his or her competencies following a prescribed rating scale to establish consistency. Directors assess themselves as having expert knowledge, strong knowledge, or basic knowledge on each competency. The nominating, corporate governance and risk committee chair or the board chair meets with each director to review their self-assessment. The committee reviews the results for consistency and to be satisfied that the directors possess skills in these areas. The table below shows the key skills and experience we require on our board and identifies those directors who self-assessed as having strong or expert knowledge for each category.

	I. Bruce	T. Gitzel	L. Atkins	D. Camus	D. Deranger	C. Gignac	J. Gowans	K. Jackson	D. Kayne
Skills and experience									
Board / corporate governance	•	•	•	•	•	•	•	•	•
Risk oversight	•	•	•	•	•	•	•	•	•
Capital projects	•	•	•	•	•	•	•	•	•
Enterprise leadership	•	•	•	•	•	•	•	•	•
Financial acumen	•	•	•	•	•	•	•	•	•
Legal / regulatory	•	•		•	•		•	•	•
Investor relations	•	•	•	•	•	•	•	•	•
Stakeholder relations / government / public policy	•	•		•	•		•	•	•
Human resources and executive compensation	•	•	•	•	•	•	•	•	•
Uranium / nuclear	•	•	•	•	•	•	•	•	•
International	•	•	•	•	•	•	•	•	•
Investments / mergers and acquisitions	•	•	•	•	•	•	•	•	•
Mining, exploration and operations	•	•	•		•	•	•		•
Operational excellence		•		•	•		•	•	•
Safety, health and environment / sustainability	•	•	•	•	•	•	•	•	•

The next table outlines the skills and experience of the proposed board and the percentage of nominated directors who have indicated their level as expert or strong in each category.

Skills and experience	Of the nine directors, those with expert or strong knowledge
<p>Board / corporate governance Prior or current director of a major organization with mature governance practices</p>	<p style="font-size: 48pt; text-align: center;">9</p> <p style="text-align: center;">(100%)</p>
<p>Capital projects Experience overseeing and evaluating large capital projects and in project management</p>	
<p>Enterprise leadership Experience, whether as a prior or current CEO or senior officer or otherwise, of a large public company or major organization with a track record of value creation and successful implementation of strategic direction</p>	
<p>Financial acumen Experience, whether as a professional accountant, CFO or otherwise, in financial accounting and reporting, including internal controls, IFRS, evaluation of financial statements and corporate finance</p>	
<p>International Experience with, or strong understanding of, international operations, economics, commodity trading and geopolitics, preferably in countries or regions where we have or are developing operations</p>	
<p>Investments / mergers and acquisitions Experience in the field of investment banking or with mergers and acquisitions, evaluation of investment strategy, and capital allocation, structure and markets</p>	
<p>Investor relations Experience with, or strong understanding of, the perspectives of major, long-term and other investors, capital markets, and the investment community, both domestically and internationally, and in shareholder engagement</p>	
<p>Risk oversight Experience in risk governance, including monitoring both strategic and operational / compliance risks</p>	
<p>Safety, health and environment / sustainability Experience in, or strong understanding of, leading safety, health and environmental practices, associated risks and regulatory requirements, and in sound corporate responsibility and sustainable development practices, advocacy and reporting</p>	
<p>Uranium / nuclear Strong knowledge of markets, competitors, business issues and imperatives, and the domestic and international regulatory environment</p>	
<p>Human resources and executive compensation Thorough understanding of executive compensation, the oversight of succession planning, talent development and retention, and pension programs</p>	<p style="font-size: 48pt; text-align: center;">8</p>
<p>Legal / regulatory Experience ensuring compliance with laws, regulations and business rules</p>	<p style="font-size: 48pt; text-align: center;">7</p>
<p>Mining, exploration and operations Experience with a leading mining or resource company with reserves, technology, exploration and operations expertise</p>	
<p>Operational excellence Experience in a complex chemical or nuclear operating environment, creating and maintaining a culture focused on safety, the environment and operational excellence</p>	
<p>Stakeholder relations / government / public policy Experience in, or a strong understanding of, the workings of government and public policy both domestically and internationally, and in stakeholder engagement or management</p>	

Board diversity

A board with a mix of diverse skills, backgrounds, experience, gender and age, that also reflects the evolving demographics and geographic areas where we carry out business, is something we believe is important for sound decision-making and good governance.

We are committed to enhancing the overall diversity of our board. The board has a formal written diversity policy, which includes a set of measurable objectives for achieving diversity on the board, including the identification and nomination of directors who are women or who have an Indigenous heritage. The nominating, corporate governance and risk committee reviews our progress in achieving the measurable objectives in accordance with the diversity policy, as part of the annual board and committee assessments, and when selecting new director candidates.

The committee reviews board diversity every year, including the policies and appropriate diversity objectives for Cameco. Currently, our policy sets measurable objectives for women and Indigenous directors. While a diverse board is the goal, and is always part of the consideration for nominating directors, measurable objectives for persons with disabilities and members of visible minorities are not currently included in our policy. The board does not have any directors who have self-identified as persons with a disability or members of visible minorities.

Gender

Cameco values gender diversity and acknowledges, supports and respects all genders, gender identities, gender modalities and gender expressions. As one step toward broad representation, our board diversity policy requires at least 30% of directors to be women. Three (33%) of this year's nominated directors are women and the level of representation of women on the board is considered when identifying and nominating candidates for election or re-election to the board.



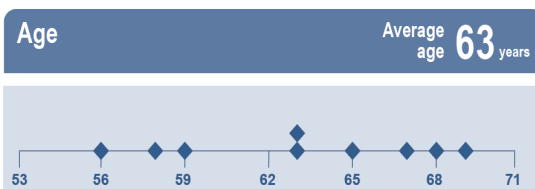
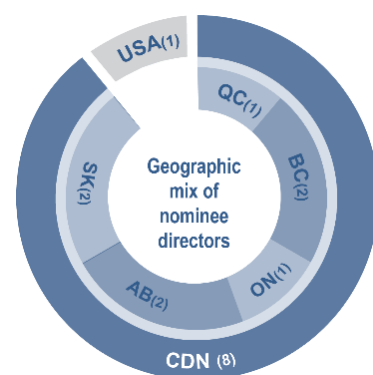
Indigenous perspective

The board is committed to building long-lasting and trusting relationships with communities where we operate, and a significant portion of Cameco's operations are in northern Saskatchewan. Our diversity policy requires at least one director to have an Indigenous heritage and be from Saskatchewan to bring an understanding of the culture, heritage, values, beliefs and rights of the local Indigenous peoples to the board. The representation of directors with an Indigenous heritage is considered when identifying and nominating candidates for election or re-election to the board. One of our director nominees is Indigenous.

Geographic representation

The board also believes it is important to have directors with experience living or working in jurisdictions where we operate or do business. Our diversity policy requires the board to have directors with extensive experience in geographical areas where Cameco has or anticipates having significant business interests. Don Kayne was appointed to the board in January 2016, and brings extensive experience in the emerging Asian markets, including China. Kate Jackson was appointed to the board in January 2017 and brings a deep knowledge of the US nuclear industry.

Our board is subject to, and complies with, the terms of the *Investment Canada Act* and the *Uranium Non-Resident Ownership Policy*, which require at least two-thirds of our directors to be Canadian citizens, and the CBCA, which requires at least half of our directors to be Canadian residents.



Age

While the board recognizes the correlation between age and experience, it believes that directors of different ages bring a wider range of viewpoints. Our diversity policy requires the board to represent a range of ages.

Board, committee and director assessments

The nominating, corporate governance and risk committee oversees an annual performance and effectiveness assessment of the board, committees, the CEO and individual directors. We use questionnaires for the annual process and an independent third-party assesses the board, committees and directors every five years.

The assessments are administered confidentially and questions are formulated to support open and meaningful feedback on the board's effectiveness and its proficiency in providing oversight and guidance on Cameco's affairs. Assessments typically cover the operation of the board, the adequacy of materials provided to directors, board meeting structure, agenda planning, the strategic direction and process, and the board's overall oversight of the company's affairs.

The results are used to assess the board, the CEO, the composition of the committees, meeting effectiveness and the assessment framework, identify any gaps in skills and experience to ensure that the board is making the best use of each director's expertise, and other aspects to enhance board performance. Board assessment results are shared with all board members and committee assessment results are shared with the committee members.

Directors also complete a self-assessment of their skills, performance and relevant experience. One-on-one interviews with each director by either the board chair or the chair of nominating, corporate governance and risk committee facilitate a discussion about capacity and commitment to the board as well as education opportunities. The interviews allow directors to give candid feedback about any issues or concerns relating to their performance, the performance of their peers, or the functioning of the board.

Updates on priorities, action plans and improvement opportunities are identified and discussed at the board and committee levels, and action plans are developed, as required. The effectiveness evaluation is an ongoing, dynamic part of the functioning of the board and its committees.

FEEDBACK	ANALYSIS	OUTCOMES
<p>Feedback is collected through questionnaires and through one-on-one meetings between either the board chair or the chair of the nominating, corporate governance and risk committee and the directors.</p> <p>The board is evaluated by all directors.</p> <p>The board chair is evaluated by all directors, including the CEO.</p> <p>The committees and committee chairs are evaluated by committee members.</p> <p>Each independent director completes a self-assessment.</p> <p>The CEO is evaluated by all non-executive directors.</p>	<p>The board and nominating, corporate governance and risk committee review the board assessment results.</p> <p>The chair of the nominating, corporate governance and risk committee reviews the board chair assessment results.</p> <p>The applicable committees review the committee assessment results.</p> <p>The board chair and the chair of the nominating, corporate governance and risk committee review the committee chair assessment results and the independent director assessments.</p> <p>The board chair and the chair of the human resources and compensation committee review the CEO assessment results and meet with the CEO to discuss. The board and the human resources and compensation committee discuss the CEO assessment results.</p>	<p>Priorities and action plans are developed for the board, the board chair, the committees, and the committee chairs, as required.</p> <p>Development opportunities are identified, as required, for each director.</p>

Third-party board effectiveness assessment

An independent third-party board effectiveness assessment was conducted in 2017. It was carried out by Patrick O'Callaghan and included an assessment of the board chair, the board, the committees and the committee chairs. The consultant's report indicated that Cameco has strong and effective board practices and is structured well to function independently from management. The next third-party board effectiveness assessment is scheduled for 2022.

Director development

Our directors are knowledgeable about issues affecting our business, the nuclear industry, governance, compensation and related matters. We believe that our education program gives them additional knowledge to help effectively oversee our affairs and stay abreast of important developments and issues within the context of our business.

Orientation

Our onboarding and orientation program familiarizes new directors with Cameco, issues facing the company, our strategy, culture and values, and what we expect of individual directors, the board and committees. All new directors receive orientation so they can be fully engaged and contribute to the board and committees in meaningful ways.

New directors receive orientation that includes:

- a company and board orientation session on the organization, including Cameco's history, culture and values, strategy and business, director expectations and corporate governance practices
- a director manual with information about Cameco and the uranium and nuclear industries, including copies of our recent regulatory filings, financial statements, governance documents and key policies
- presentations from management on the nuclear industry
- round-table discussions with the committee chairs and appropriate management representatives.

Leontine Atkins started her orientation as a board observer and attended various virtual presentations about Cameco and the nuclear industry.

Under the mentorship aspect of our orientation program, we pair each new director with a longer serving director to supplement his or her orientation sessions with real-time ongoing practical support. Leontine was provided with a mentor to assist her in becoming acquainted with Cameco and its board.

All directors can participate in any part of the orientation program. Existing directors who join new committees also attend round table discussions as required.

Continuing education

The board recognizes the importance of continuing education for directors. Directors enhance their understanding of our business throughout the year by attending:

- presentations by management that cover issues relating to key business decisions, strategic planning and enterprise risks
- presentations on topics directors request
- Cameco-operated facility or other nuclear facility tours
- conferences, webinars and seminars
- informal social gatherings with senior management.

The nominating, corporate governance and risk committee is responsible for the board education program, which includes a budget and approval process. Educational needs are identified through a self-assessment questionnaire, in individual meetings with either the chair of the board or the chair of the nominating, corporate governance and risk committee, and in board and committee meetings. The corporate secretary maintains a calendar of director educational opportunities that includes information about relevant conferences, webinars and other events.

Management presentations to the board and committees during the year are aimed at expanding the board's knowledge of the business, the industry and the key risks and opportunities facing Cameco. Interesting published materials are sent to directors or are included in meeting materials as supplemental reading. Directors also enhance their practical knowledge of Cameco's operations and the nuclear industry through visits to Cameco-operated facilities or other nuclear facilities. There were no site visits in 2020 due to the COVID-19 pandemic.

We pay for director education, including the cost for directors to attend conferences or seminars that the board deems appropriate in order to keep abreast of developments in the uranium and nuclear industries, corporate governance and the best practices relevant to their roles as Cameco directors and their responsibilities on specific committees. Directors attend sessions offered by the Institute of Corporate Directors (ICD), the National Association of Corporate Directors (NACD) and other education providers to stay current on developments in governance and areas relating to their committee responsibilities.

In 2020, our directors took advantage of the abundance of virtual conferences, webinars and eforums that were available to them, and attended, in the aggregate over 100 development sessions. The table below provides an overview of our directors' development in 2020:

Description of Development (including presenter)	Attendees	
Nuclear industry, the uranium market and energy		
Our directors received presentations from management and attended webinars, conferences and eforums on the nuclear industry, the uranium market and the energy sector in general, which included matters such as nuclear innovation, energy transformation, transition to net zero, and resilience enhancement in the energy sector. Some examples of director development attended by our directors are listed below.		
World nuclear association eForum 2020, World nuclear association (WNA)	Daniel Camus Donald Deranger Catherine Gignac Tim Gitzel	Kate Jackson Don Kayne Anne McLellan
International SMR and advanced nuclear reactor summit, Nuclear Energy Insider (Reuters event)	Leontine Atkins	Anne McLellan
International uranium fuel seminar, Nuclear Energy Institute	Leontine Atkins	Donald Deranger
2020 uranium market update, Treva Klingbeil, TradeTech	All directors	
Governance and compensation		
Our directors received presentations and information about governance and executive compensation trends from management and our compensation consultant, Meridian Compensation Partners. They also attended webinars and conferences related to governance and executive compensation, which included matters such as compensation trends and emerging issues, governance trends and emerging issues, human capital and talent oversight, executive compensation considerations during COVID, inclusion and diversity and board oversight of strategy. Some examples of significant conferences and a webinar series attended by our directors are listed below.		
ICD Annual conference – Next level governance of the new normal Institute of Corporate Directors (ICD)	Leontine Atkins Daniel Camus	Catherine Gignac Anne McLellan
NACD Compensation committee webinar series National Association of Corporate Directors (NACD)	Daniel Camus	Don Kayne
NACD Annual conference, NACD	Leontine Atkins Daniel Camus	Don Kayne
Risk, ESG, sustainability and cyber security		
Our directors received presentations and information about risk, ESG, sustainability and cyber security from management and also attended related webinars which included matters such as climate change and transitioning to a lower carbon economy, sustainability and profit, developments in cyber-security, addressing cyber challenges during COVID, analytics and predictive risk sensing, the board's oversight of risk and ESG and navigating investor expectations related to ESG. Some examples of management presentations and webinar series attended by our directors are listed below.		
ESG at Cameco, Cameco management	All directors	
Climate change competitiveness webinar series, ICD	Leontine Atkins	Don Kayne
Audit and finance		
Our directors attended webinars, eforums and roundtables related to audit and finance matters. Some examples of forums and conferences attended by our directors are listed below.		
Audit committee forum (mining industry) – COVID-19 implications for audit committees, Canadian Public Accountability Board (CPAB)	Leontine Atkins	Daniel Camus
IIA 2020 virtual national conference, Institute of Internal Auditors	Daniel Camus	
The economy and geopolitics		
Our directors received presentations and attended webinars related to the economy and geopolitics which included matters such as post-election reviews of Canada-US relations, globalization in a post-pandemic world, the economic transition and geo-security. Some examples of management presentations attended by our directors are listed below.		
Global economy update, Steven Poloz, Osler, Hoskin & Harcourt LLP	All directors	
Post-US election briefing, Ambassador Gordon Giffin, Governor Howard Dean, Ron Kaufman and Andrew Shaw, Dentons	All directors, except Leontine Atkins	

Our corporate governance

Key elements of our corporate governance

✓	Independent board. Eight of our nine nominated directors (89%) are independent.
✓	Non-executive chair leads the board. We maintain separate chair and CEO positions and have had a non-executive, independent chair of the board since 2003.
✓	Share ownership. We require our directors and executives to own shares, or have an equity interest, in Cameco to align their interests with those of our shareholders and share ownership is disclosed.
✓	Majority voting for non-executive directors. The board adopted a majority voting policy in 2006.
✓	Strong risk oversight. The board and committees oversee our risk management program and strategic, financial, operational and ESG risks.
✓	Formal assessment process. The directors assess the board, committees and individual director performance.
✓	Independent third-party review. The director assessment process includes an independent third-party effectiveness assessment every five years.
✓	Serving on other boards. We limit the number of other public company boards our directors can serve on, and serve on together.
✓	Board refreshment, director recruitment and board succession. We have term limits and a retirement policy for directors and have added three new directors in the past five years.
✓	Diverse board. Our board has a diverse mix of skills, background and experience - 33% of this year's director nominees are women and one nominee is an Indigenous.
✓	Independent advice. Board committees have full authority to retain independent advisors to help them carry out their duties and responsibilities.
✓	Code of conduct and ethics. Directors, officers and employees must comply with our code of conduct.
✓	Long-standing shareholder engagement. We communicate openly with shareholders and other stakeholders.
✓	Say on pay. We have held an advisory vote on our approach to executive compensation every year since 2010.
X	No overboarding of directors. No director sits on more than four other public company boards.
X	No stock option awards for directors.

How the board operates

The board is responsible for overseeing management and our strategy and business affairs. Its goal is to ensure we operate as a successful business, optimizing financial returns while effectively managing risk.

The board encourages open dialogue and works within a climate of respect, trust and candour. The board fulfills its duties by:

- maintaining a governance framework that establishes broad areas of responsibility and has appropriate checks and balances for effective decision-making and approvals
- making decisions that set the tone, character and strategic direction for Cameco
- approving the vision and value statements and enterprise-level policies developed by management
- regularly monitoring management, including its leadership, recommendations, decisions and execution of strategies to ensure that they carry out their responsibilities and deliver value.

The board carries out its responsibilities directly and through its five standing committees. This provides proper oversight and accountability for specific aspects of governance, risk and Cameco's business activities and affairs, and frees up the board to focus more on our strategic priorities, broader oversight of enterprise and ESG risks, and other matters (see *Role of the board* below and *Board committees* starting on page 55).

Role of the board

The company articles require our board to have between three and 15 directors. The board has decided that nine directors are to be elected at this year's annual meeting.

Mandate

The board has a formal mandate (see Appendix B) that lists its specific duties and responsibilities including the following:

- selecting, evaluating and, if necessary, terminating the CEO
- assessing the integrity of the executive officers and ensuring there is a culture of integrity throughout Cameco
- strategic planning and monitoring our performance against the plan
- succession planning and monitoring management's performance and compensation
- approving policies and procedures to manage our risks and overseeing management's efforts to mitigate material risks.

The board reviews its mandate annually. Each board committee has a mandate that lists the responsibilities and duties of the committee and chair (effectively setting out the committee chairs' position descriptions) (see *Board committees* beginning on page 55). Each board committee's mandate is also reviewed annually.

Overseeing the CEO

The CEO is appointed by the board and is responsible for managing Cameco's affairs. This includes articulating our vision, focusing on creating value, and developing and implementing a strategic plan that will help Cameco achieve its corporate vision.

Our annual objectives become the CEO's mandate for the year, and they include specific, quantifiable goals. The CEO's objectives are reviewed by the human resources and compensation committee and approved by the board. The CEO is accountable to the board and committees. CEO performance is assessed every year and includes assessment and feedback from all directors.

The board has established clear limits of authority for the CEO, and these are described in our delegation of financial authority policy. The board must approve several kinds of decisions, including:

- operating expenditures that exceed the total operating budget by more than 10%
- unbudgeted project expenditures over \$10 million per transaction, or over \$50 million in total per year
- cost overruns on budgeted project expenditures that are more than \$15 million per transaction, or over \$50 million in total per year
- any acquisition or disposition of assets over \$10 million per transaction, or over \$50 million in total per year.

The CEO position description is available on our website (cameco.com/about/governance/ceos-role).

Board oversight responsibilities

A significant portion of the board's oversight responsibilities are focussed on strategy, ESG and risk as described below.

Strategy oversight

Oversight and guidance on Cameco's strategy is one of the principal roles of the board. Cameco's board collaborates with management on the planning, progress and fulfillment of our strategic goals and is actively involved each year to develop, review and update Cameco's strategic plan. The board committees are involved in the strategic planning process to provide oversight and accountability in specific areas of our strategic priorities. The board is also focused on ensuring our strategic priorities reflect our vision and our commitment to our values: safety and environment, people, integrity and excellence.

In 2020, the board devoted time at each regularly-scheduled meeting to discuss strategic matters with management and monitor and analyze progress on our strategic plan. During these meetings the board discussed the main risks facing the business, strategic issues, competitive developments and corporate opportunities. The board measures our progress and success in achieving our strategic plan by assessing our performance results against the annual corporate objectives. The board also discusses possible adjustments to the strategic plan in light of our progress and the current business environment. In 2020, the board had regular discussions about the impact of COVID-19 on the strategic plan and collaborated with management on adjusting the plan to reflect the impact of COVID-19 on Cameco's operations.

The board remains focused on our strategic priorities: preserving the value of our lowest cost assets, maintaining a strong balance sheet, protecting and extending the value of our contract portfolio and efficiently managing the company in a low-price environment. For additional information about Cameco's strategic priorities, see the *Our Strategy* section of our MD&A. The company's strategy is also discussed in our 2020 annual information circular (AIF) and 2020 annual report which are available on our website (cameco.com) and on SEDAR (sedar.com).

ESG oversight

Our commitment to sustainability starts at the top. Our board of directors is responsible for overseeing management, strategy and the integration of sustainability and ESG principles throughout the company. The board's goal is to ensure we operate as a sustainable business, optimizing financial returns while effectively managing risk. Given the evolving ESG landscape, we established a multi-disciplinary working group in 2019, chaired by our Senior Vice-President and Chief Corporate Officer, to review our current approach to sustainability and ESG governance and reporting and evolving trends generally. The working group has provided updates to the board and committees and, as a result of these efforts, we are planning to issue an ESG report later in 2021 that reflects both Sustainability Accounting Standards Board (SASB) and Task Force on Climate-Related Financial Disclosures (TCFD) principles.

Board of directors	Oversight
Board committees	
Executive officers	Management
Interdisciplinary ESG working group <i>(Investor Relations, Governance, Legal, SHEQ, Risk, Sustainability, Communications)</i>	Program development

ESG governance, risk oversight and disclosure is a regular topic of discussion at board and committee meetings. The board also oversees the integration of certain ESG factors (safety performance, a clean environment and supportive communities) into our executive compensation strategy as success in these areas is critical to Cameco's long-term success and sustainability. For more information on our compensable targets and our reported performance against those targets see the *Executive compensation* section of this circular.

More information about our performance and achievements related to ESG factors is available at cameco.com/about/sustainability. You can also find a detailed ESG content map on page 4 of this circular.

Risk oversight

The nominating, corporate governance and risk committee assists the board in overseeing risk and overseeing management's implementation of appropriate risk management processes and controls. Time is dedicated to risk identification, management, and reporting at board and committee meetings. The board has a strategy session at every regular meeting to review strategic risks, which include risks to the key assumptions of our strategy. In 2020, the board continued to spend a significant amount of time considering market risk in light of the uncertainty of global trade matters and the uranium market outlook. Oversight of risk factors related to ESG matters is a core function of the board and the board spent time discussing ESG and climate risks as well as various other risks that were heightened due to the COVID-19 pandemic.

Management consults with the board on ways it is enhancing its enterprise risk oversight practices, processes and controls. Key performance indicators (KPIs) are tracked to monitor progress against the program objectives and management's risk working group meets regularly throughout the year. In 2020, the enterprise risk management (ERM) group continued to focus on enhancing risk identification, management and reporting processes across the organization. This was supported by cross-functional sharing of risk identification and mitigation strategies across the company by management's risk working group. Continuous improvement is a key component of the company's risk management program and throughout the year consistency and efficiency of our program remained significant areas of focus.

Risks identified throughout the organization are assessed and categorized as either functional, tactical or strategic risks.

Functional risks – risks that are considered preventable, and are identifiable and quantifiable, with little to no direct strategic benefit. Board committees are assigned oversight of these risks and receive updates on the effectiveness of the controls mitigating those risks.

Tactical risks – risks that could threaten Cameco's medium-term objectives. They may be external and outcomes are identifiable, but uncertainty makes them difficult to assess. These risks are also assigned to the board committees and regular updates are provided, particularly if risks change or emerging issues arise.

Strategic risks – risks that threaten the key assumptions to our strategy. They are almost always external and outcomes can vary and are difficult to quantify. Board oversight and reporting is required for these strategic risks like intolerable uranium price changes and market fundamentals, regulatory impedance, market concentration with state-owned enterprises, global geopolitical uncertainty, loss of stakeholder support for our operations and risks related to culture and digital innovation.

The table below shows the allocation of tactical and functional risks among the five committees. You can read about the board committees beginning on page 55 and compensation program risk management on page 68.

Committee risk responsibilities				
Audit and finance	Human resources and compensation	Nominating, corporate governance and risk	Reserves oversight	Safety, health and environment
Oversees financial risks, such as foreign currency, tax, and counterparty and credit exposure risks	Oversees compensation, talent management, succession, as well as cyber-security risks and risks related to the COVID-19 pandemic	Oversees governance risks	Oversees the estimating of our mineral reserves and risks related to achieving economic value from our assets	Oversees safety, health and environmental risks related to our operations

Our AIF and annual report include more information about the risks relating to Cameco. The 2020 AIF and the 2020 annual report are available on our website (cameco.com) and on SEDAR (sedar.com).

Risk management

Our risk policy sets out a broad, systematic approach to identifying, assessing, reporting and managing the significant risks, including ESG risks, we face in our business and operations. We review this approach every two years to ensure that it continues to meet our needs. Cameco's ERM program involves all aspects of our business and follows the framework of ISO 31000: Risk Management – Guidelines. We use a common risk matrix throughout the company and consider any risk to be an enterprise risk if it has the potential to significantly affect our ability to achieve our corporate objectives or strategic plan. These risks are validated and ranked by senior management and the top risks are monitored and reported on to the board and committees over the next year. Management also reviews monthly updates on our progress in managing the top risks.

Our strategic planning and budgeting process includes management's decisions to accept, mitigate or transfer identified risks. Employees throughout the company take ownership of the risks specific to their area and are responsible for developing and implementing the controls to manage and re-assess risk, including ESG risks. We have a mature ERM framework that captures emerging and evolving risk factors in these areas. You can read more about enterprise risk management in our 2020 MD&A and annual information form. Both documents are available on our website.

Information technology security

The human resources and compensation committee is responsible for overseeing our cyber security risk and receives quarterly status reports that include mitigating plans, monitoring activities and how the risks are tracking. In addition to the regular reporting to the human resources and compensation committee, the board receives a quarterly cyber-security dashboard report which provides insight into external cyber risks faced by Cameco, trending on those risks and the potential impact of the threats to our cyber security. The quarterly dashboard report includes information about the current state of key security related controls, progress of current security initiatives, and updates on Cameco's security program and playbook.

Regular penetration tests are conducted on Cameco's information technology networks and systems and our networks and systems are regularly audited by our internal auditors or other external experts. The results of the audits and penetration tests are reported to, and monitored by, the audit and finance committee, the human resources and compensation committee, and the board, as applicable.

All employees are required to take an information security course every year and submit an annual declaration that they commit to abide by Cameco's policies and best practices for cyber-security compliance.

Executive succession planning and leadership development

The board oversees succession planning to ensure we have a pool of strong, diverse candidates for senior management positions, and that we nurture talent and attract and retain key people for our long-term success. The human resources and compensation committee is responsible for ensuring that there is an orderly succession plan for the position of the president and chief executive officer and other members of senior management, including in the event of an unforeseen emergency affecting the availability of any of these individuals.

Our leadership development focuses on building advanced competencies throughout the organization, identifying high-potential employees and preparing them to take on more senior responsibilities and executive officer roles in the future. The composition of our senior management team is a direct result of this approach.

The human resources and compensation committee reviews an assessment of the operational and leadership competencies and other characteristics the committee believes are required to effectively manage our business and implement the strategic plan as approved by the board and how they are being developed among current candidates for the CEO role and other officer roles in the organization. The human resources and compensation committee annually reviews succession planning for other senior management positions and involves the audit and finance committee in reviewing the succession plan for the CFO, controller and senior finance roles. The board reviews the management succession plan and has the opportunity to meet high-potential employees through board presentations and informal social gatherings, such as board events/dinners and site visits.

Commitment to inclusion and diversity

We have made a formal commitment to inclusion and diversity that is communicated company-wide through our value statements. We understand the value of a diverse workforce and we embrace, encourage and support workplace inclusion and diversity. Members of a diverse workplace bring new ideas, perspectives, experiences and expertise to the company. Our diversity vision is to create a work environment where inclusion is the goal, and a diverse and representative workforce is our measure of success. Our people policy sets out our commitment to developing and supporting a flexible, skilled, stable and diverse workforce, and acting to eliminate racism wherever it exists. The policy is supported by multiple corporate human resource programs, standards and practices, including providing preference to Residents of Saskatchewan's North (RSNs) for employment opportunities in our northern Saskatchewan operations. The policy is available on our website at cameco.com/about/governance/policies-programs.

Diversity is an important factor in our ability to continue to innovate, manage change and grow as a respected industry leader and employer of choice. We implemented a number of initiatives in 2020 to make continued progress in achieving our long-term inclusion and diversity plan.

We want a culture where each of our workers feels welcome, valued and an integral part of the team. We recognize that to successfully progress towards this culture, we must engage members of the workforce throughout the journey. As an example of our commitment to eliminate racism wherever it exists, in 2020 Cameco signed the BlackNorth initiative CEO pledge. In 2021, this diversity work will be championed through the establishment of an Inclusion and Diversity committee. Members of the committee will be drawn from across the organization and will help us engage the workforce through open and respectful communication, will advocate, lead and support change and provide awareness and understanding of the benefits of inclusion and diversity. The committee will report to the President and CEO and the Senior Vice-President and Chief Corporate Officer.

Indigenous workforce

Cameco is a large employer of First Nations and Métis people and our Indigenous employees make up more than 46% of the workforce at our northern Saskatchewan operations. In order to continue to build and sustain our Indigenous workforce, we offer strong support and development opportunities for our Residents of Saskatchewan's north (RSN) employees, the majority of whom are Indigenous. This includes our talent acquisition and development practices, collaboration and participation agreements with northern communities and our community liaisons located in northern Saskatchewan. We also have a dedicated team of employees within our stakeholder and sustainability relations department at our head office in Saskatoon and our human resources representatives at our four northern Saskatchewan operations and corporate office who focus their

efforts on supporting our RSN employees. See our STI scorecard for details about our 2020 compensable objectives relating to the development of our RSN and Indigenous workforce.

Women in leadership

Cameco is committed to putting women in leadership at the forefront of our diversity agenda. In 2020, we undertook several initiatives to increase women in leadership:

- drafted a new three-year inclusion and diversity plan with focused efforts on recruitment, retention and development of women in male-dominated roles
- expanded our existing partnerships by partnering with external organizations committed to inclusion and diversity, such as Driving Advancement of Women in Nuclear (DAWN)
- hosted our third annual International Women's Day event where executive officers presented their support for gender equity
- profiled various woman employed throughout the organization to increase awareness of their roles and their contributions to the organization, in addition to profiling men employed at Cameco who are champions and allies of gender diversity in the workplace
- continued our review of pay equity and job promotion/progression processes to ensure they are free of gender bias.

We have one woman who is an executive officer, representing 20% of the executive officers, and four women who are vice-presidents, together representing about 28% of our senior management team – up from 25% five years ago. We currently have 459 employees who are women across North America, representing approximately 25% of our workforce.

Generally executive officer appointments are a result of our succession planning framework designed to build advanced competencies throughout the organization and to identify high-potential employees, including women, and prepare them to take on executive roles in the future. When appointing executive officers, we strive for a complement of executive officers who are women that at a minimum reflects the proportion of women in our workforce. We expect that our long-term inclusion and diversity plan will result in more women being identified and prepared for senior level positions at Cameco.

Diversity of senior management

We have a diversity plan with specific objectives each year to improve workplace diversity. We have not set targets for women, individuals with an Indigenous heritage, persons with disabilities, or members of visible minority representation of executive officers. The diversity of our senior management team is about 28% female and 6% visible minority. No members of senior management have self-identified as Indigenous or a person with a disability.

A diverse senior management team is the goal and is considered when addressing succession. In particular, we consider the representation of women, members of visible minorities, individuals with an Indigenous heritage and persons with disabilities when succession planning for our executive officer appointments. Our current processes are helping us evaluate how to remove barriers to increase participation and representation and, ultimately, increase representation of these four groups. We expect the work we are doing will lead to qualitative and quantitative measures to assess the effectiveness of management's actions.

Internal controls

The board and committees are responsible for monitoring the integrity of our internal controls and management information systems.

The audit and finance committee oversees the internal controls, including controls over accounting and financial reporting systems, and receives regular reports on internal controls from management. This oversight provides reasonable assurance of the reliability of our financial information and the safeguarding of assets.

The internal auditor reports directly to the audit and finance committee chair and updates the committee quarterly, while the CFO makes quarterly presentations on our financial results and forecasts to the audit and finance committee and the board.

Management is responsible for establishing and maintaining an adequate system of internal control over financial reporting to provide reasonable assurance that public reporting of our financial information is reliable and

accurate, that our transactions are appropriately accounted for, and that our assets are adequately safeguarded. Management evaluates the effectiveness of our system of internal control over financial reporting.

Our expectations of directors

We expect each member of the board to act honestly and in good faith, and to exercise business judgment that is in Cameco's best interest. We expect directors to bring their skills, experience and functional expertise to the board and to draw on a variety of resources to support their decision-making, including materials prepared by management, their own research and business experience, independently-prepared media reports on Cameco and the industry, and knowledge gained from serving on other boards.

We also expect each director to:

- comply with our code of conduct and ethics and governance guidelines
- promptly report any perceived, potential or actual conflict of interest
- develop an understanding of our strategy, business environment, operations, performance, financial position and the markets we operate in
- diligently prepare for each board and committee meeting
- attend all board meetings, their committee meetings and the annual meeting of shareholders
- actively participate in each meeting, and seek clarification from management and outside advisors to fully understand the issues
- participate in our board education program
- participate in the board, committee and director assessment process.

Code of conduct and ethics

Our code of conduct and ethics is our guide on how we uphold our value of integrity and it applies to all employees, officers and members of Cameco's board and subsidiary boards. The code sets out our principles and guidelines for ethical behaviour at Cameco and with our shareholders, our communities and all our stakeholder groups.

We strive to create an environment where our employees live our values every day. Our code promotes the highest levels of personal conduct and ethical standards in compliance with applicable law, while promoting a spirit of fairness and honesty. The code promotes respect for privacy and confidential information and fosters open and honest communication and disclosure.

Our values define our culture and provide a framework for who we are, how we behave as we strive to achieve our purpose, and how we maintain an excellent reputation. The values we live by each day are organized according to the following four core themes.

SAFETY AND ENVIRONMENT

- The safety of people and protection of the environment are the foundations of our work. All of us share in the responsibility of continually improving the safety of our workplace and the quality of our environment.
- We are committed to keeping people safe and conducting our business with respect and care for both the local and global environment.

INTEGRITY

- Through personal and professional integrity, we lead by example, earn trust, honour our commitments and conduct our business ethically.
- We are committed to acting with integrity in every area of our business, wherever we operate.

PEOPLE	EXCELLENCE
<ul style="list-style-type: none"> • We value the contribution of every employee and we treat people fairly by demonstrating our respect for individual dignity, creativity and cultural diversity. By being open and honest, we achieve the strong relationships we seek. • We are committed to developing and supporting a flexible, skilled, stable and diverse workforce, in an environment that: <ul style="list-style-type: none"> • attracts and retains talented people and inspires them to be fully productive and engaged • encourages relationships that build the trust, credibility and support we need to grow our business 	<ul style="list-style-type: none"> • We pursue excellence in all that we do. Through leadership, collaboration and innovation, we strive to achieve our full potential and inspire others to reach theirs. • We are committed to achieving excellence in all aspects of our business.

Cameco's code provides guidance on the most relevant issues related to business ethics, such as corruption, competition law and antitrust violations, and conflicts of interest, and is supported by our global anti-corruption and respectful workplace programs. Through our code and these programs, we have implemented several compliance measures, such as compliance training, confidential reporting channels, and business ethics awareness.

Our governance and compliance structures and processes include the following:

- our code details our high ethical standards, which are embedded in our internal training programs
- compliance professionals throughout the organization follow legislative, governance, regulatory and compliance rules, trends and best practices and strive to maintain a high level of good governance and a compliance mindset across Cameco
- robust policies and reporting mechanisms include an ethics (whistleblower) hotline and incident reporting procedures that protect anonymity and confidentiality
- our privacy officer provides guidance to the company on privacy matters
- strict policies on conflicts of interest, disclosure of material information and insider trading.

We review the code every year and promptly communicate any changes. All new employees and board members receive training on the code and must certify that they will comply with the code when they join the company or the board. Directors and employees declare any actual, potential or perceived conflict of interest, and plans are put in place to mitigate any potential conflicts.

Directors, officers and employees who have senior management responsibilities or work in supply chain management, internal audit, investor relations, finance/treasury/tax, business technology services, marketing, corporate development, legal or human resources and our executive offices undergo special online training on the code and complete a declaration form every year. The training is on key issues such as fraud prevention, privacy matters, acceptable gifts and invitations from vendors, and respectful workplace matters.

Employees are encouraged to discuss any concerns or potential violations of the code with their supervisor, manager or human resources representative, or notify the legal or internal audit departments or any member of the executive team. If they are uncomfortable doing so, or if they are not satisfied with the action taken to address their concerns, anyone, at any time, can report a concern or violation of the code confidentially and anonymously online, by phone or by mail through our ethics (whistleblower) hotline.

Our conduct and ethics committee reviews concerns and investigates ethics-related matters under the direction of the audit and finance committee. The audit and finance committee reviews concerns relating to senior management and directors, and reports to the board on Cameco's compliance with the code.

We are committed to respecting human rights and treating all employees fairly, including providing a harassment-free work environment. We have employee training and protocols for preventing, reporting and addressing harassment and prohibit retaliation against employees who raise concerns or complaints in good faith. All employees also receive mandatory training on a respectful workplace and unconscious bias.

Avoiding conflicts of interest

Directors do their best to avoid situations where their interests might conflict with their duty to act in Cameco's best interest. Each director must promptly report a potential, perceived or actual conflict of interest to the corporate secretary and not participate in any discussions or decisions about the matter.

The corporate secretary maintains a list of issues and potential conflict situations and monitors them on an ongoing basis. The corporate secretary helps identify when actions may be desirable and consults with legal counsel as necessary to determine whether a director has a conflict.

Related party transactions

Our code requires directors, officers and employees to report any related party transactions. In 2020, there were no material conflicts of interest or related party transactions reported by the board, the CEO or other senior executives.

Our corporate governance guidelines require a director to promptly inform the corporate secretary if an actual, potential or perceived conflict of interest arises. The corporate secretary will bring the matter to the attention of the nominating, corporate governance and risk committee right away for review and recommendation to the board.

If a director has an actual, potential or perceived material interest in a transaction or agreement involving Cameco, they do not participate in any committee or board discussions or decisions related to the possible conflict. Any transactions between Cameco and its officers or directors, other than routine transactions and situations arising in the ordinary course of business consistent with past practice, are reviewed by the audit and finance committee. A conflict of interest and mitigating plans must be approved by the board upon the recommendation of audit and finance committee. If a situation arises between scheduled committee meetings, the chair of the committee has the authority to review the transaction or situation, and report the results to the committee at its next meeting.

The board also reviews related party transactions when it conducts its annual review of director independence. The nominating, corporate governance and risk committee reviews any potential conflicts of interest involving a director for the purpose of determining independence and assesses whether such conflict limits or impairs the role of the director, and makes recommendations to the board respecting directors for nomination and election. The nominating, corporate governance and risk committee reviews the definition of independent director and related definitions to assist in making determinations as to the independence of directors.

Our internal audit, accounting, human resources and legal departments review any declared conflicts of interest or related party transactions reported by officers and employees, as applicable.

Serving on other boards

We believe that directors must be able to commit the necessary time to effectively serve on our board. This means they must devote sufficient time to properly prepare for and attend board and committee meetings, understand the issues and participate in each meeting. Our directors do not serve on the boards of competitors and cannot join organizations or groups that may have adverse interests, unless they have the board's permission. Our governance guidelines state that a Cameco director who is an active CEO can serve on a maximum of three public company boards, including their own board and Cameco's board. Our CEO can only serve on one other board with the consent of Cameco's board. Other directors can serve on a maximum of five public company boards, including Cameco's board. Members of our audit and finance committee cannot serve on the audit committees of more than two additional public companies without the board's approval.

The chair of the board or the nominating, corporate governance and risk committee discusses board memberships with each director during their annual interview, including their commitment to the Cameco board and capacity to handle the board and committee workload.

Directors must advise the chair of the board, the chair of the nominating, corporate governance and risk committee, the CEO and the corporate secretary if they are considering a directorship with another public company. A director can temporarily exceed the limit by one directorship if they declare an intention to resign from, or not stand for re-election to, at least one other board as of that company's next annual general meeting.

Board interlocks

A board interlock is when directors serve together on another board. We do not currently have any board interlocks. We do not allow more than two directors to serve together on another public company board nor do we allow directors to serve together on more than two other public company boards.

Change in position

If a director's principal occupation or business association changes substantially, the director must promptly offer their resignation to the board chair. The board will then decide whether or not to accept the resignation.

Board independence standards

We believe that a substantial majority of our directors must be independent for the board to be effective and that the audit and finance committee, human resources and compensation committee, and nominating, corporate governance and risk committee must be 100% independent. The majority of our directors are unrelated to Cameco.

Our independence criteria meet the standards of the Canadian Securities Administrators as set out in Multilateral Instrument 52-110 – *Audit Committees*, National Policy 58-201 – *Corporate Governance Guidelines* and the NYSE corporate governance standards, including the more stringent independence tests set out under the applicable Canadian and U.S. and NYSE governance rules for the independence of audit committee and human resources committee members. We review the criteria and director independence status every year, and you can find our complete definition of independence on our website (cameco.com/about/governance/governance-guidelines).

A director is independent if they are not a member of management and does not have a direct or indirect material relationship with us. A relationship is material if it could reasonably interfere with a director's ability to make independent decisions, regardless of any other association they may have. We have a robust three-step process for assessing independence:

- directors complete a detailed questionnaire
- the board reviews directors against our independence criteria, considering all relevant facts and circumstances, including the relationship the director may have with us – and any relationship that their spouse, children, principal business affiliations and any other relevant individuals have with the company
- directors declare any material interest in matters that may come before the board.

The nominating, corporate governance and risk committee assists the board in its independence assessment for board membership purposes and for service on the audit and finance and human resources and compensation committees.

Stakeholder engagement

We recognize the importance of strong and consistent engagement with stakeholders. The long-term sustainability of our business is dependent in part on our ability to effectively build relationships with our stakeholders and work constructively with them for our mutual benefit.

Informed by best practices, our approach to engagement involves setting standards for ways to meaningfully engage with stakeholders. We are committed to having constructive and open dialogue with stakeholders throughout the year on a variety of issues, including our financial performance and business strategy, our policies on corporate governance, our executive compensation program and practices, and our approach to ESG-related matters.

Through regular, ongoing engagement, stakeholders can increase their knowledge about Cameco and we can hear their views on our practices, strategy and disclosure and answer questions so there is a shared understanding about how Cameco is creating long-term, sustainable value. We consider all feedback and have enhanced our practices and disclosure over the years as a result.

Disclosure

We provide timely, open, complete, accurate and balanced information in our disclosure documents. The audit and finance committee is responsible for overseeing our review of our disclosure controls and procedures once a year and recommending any significant changes to the board for approval.

Our disclosure committee includes members of senior management and is responsible for:

- reviewing all news releases and public filings containing material information prior to their release
- evaluating the design and effectiveness of our disclosure controls and procedures to make sure they continue to provide reasonable assurance that information is gathered promptly and accurately, so we can develop appropriate public disclosure that complies with legal requirements
- providing regular updates on our public disclosure to the audit and finance committee.

Each board committee reviews the material public disclosure relevant to its mandate before the board considers it for approval:

- the audit and finance committee reviews the annual and interim financial statements, management's discussion and analysis (MD&A) and related news releases
- the safety, health and environment committee reviews the sustainable development report
- the reserves oversight committee reviews the reserve and resource estimates and technical reports
- the human resources and compensation committee and the nominating, corporate governance and risk committee review this management proxy circular.

The board also reviews and approves the following publicly-filed documents:

- prospectuses
- annual information forms
- US Form 40-F filings
- other disclosure documents that must be approved by the directors according to securities laws, securities regulations or stock exchange rules.

The CEO and the CFO meet regularly with investment analysts and institutional investors. Our website (cameco.com) has information for shareholders, investment analysts, media and the public. Our Investor Relations department also provides information to shareholders and responds to general questions or concerns.

You can contact our Investor Relations department by:

Phone: 306.956.6340
Fax: 306.956.6318
Email: go to the *Contact* section of our website and complete the email form.

Engagement with the investment community

Our investor relations objective is to provide clear, consistent, accurate, and transparent communications to the investment community to facilitate informed investment decisions. We communicate regularly in various ways and the following is a summary of our engagement activities with the investment community:

Type of engagement	Frequency	Who engages	Who we engage with
Conference calls	Quarterly	Senior management	The investment community to discuss our progress on our strategy and the trends we are seeing in the market
Conference calls	Ad hoc	Senior management	With specific investors, and generally with the investment community when required to address other material company matters
Annual meeting of shareholders	Annually	Board of directors and senior management	Holders of Cameco common shares at our annual meeting of shareholders – shareholders are invited to attend the meeting, vote their shares and participate in the items of business
News releases	As required	Senior management	The media – we disclose material and other information throughout the year in news releases to the media
Non-deal investor road shows	Continuous	Senior management	We have individual meetings with security holders to discuss publicly-disclosed information about our business and operations, answer questions and obtain feedback
Conferences	Continuous	Senior management	Senior management speaks to the investment community at industry conferences about our business and operations, and key industry topics
Meetings, calls, discussions	As required	Investor relations	Investment advisors and institutional and non-institutional shareholders – we address any shareholder-related concerns and point them to publicly-available information
Direct board and shareholder engagement	As requested	Chair of the board (and other directors as may be identified by the chair)	Significant shareholders to address specific topics and related issues
Regular meetings	Annually	Senior management	Proxy advisory firms, Glass Lewis & Co., LLC and Institutional Shareholder Services (ISS), to discuss any issues or concerns or to receive feedback on a particular matter
Ad hoc meetings as requested	As requested	Chair of the board, chair of identified committees Senior management	Shareholder advocacy groups to discuss any issues or concerns or to obtain feedback on a particular subject matter

Say on pay

We have held an advisory vote on ‘say on pay’ every year since we introduced it in 2010 and have always received strong support from shareholders. We monitor developments in executive compensation and evolving best practices to make sure our policies, programs and decisions are appropriate. We do a risk assessment of our executive compensation program every year and review our compensation programs and governance to reflect changes to our business strategy as well as changes in the market and best practices. In 2020, 93.49%

of the votes were in favour of our approach to executive compensation. You can write to the board or committee chair about your views on executive compensation.

How to engage with the board

You can engage with members of the board by contacting the corporate secretary at corporate_secretary@cameco.com, or by writing to us at our head office address below. You can write in confidence to the chair of the board, the committee chairs or the independent directors as a group. Send your sealed envelope to our corporate office:

Cameco Corporation
2121-11th Street West
Saskatoon, SK S7M 1J3

Private and strictly confidential
Attention – Chair of the board of directors

You can use this address to write to the chair of the **audit and finance committee** or the **human resources and compensation committee** – make sure you mark on the envelope to whom you are directing the letter. Envelopes will be delivered unopened to the appropriate party.

Voting results

We promptly disclose the voting results of our shareholder meetings. We will disclose the voting results on the items of business at this year's meeting in our report on the 2020 annual meeting, which will be released shortly after the meeting. Go to our website (cameco.com/invest/2021-annual-meeting) or on SEDAR (sedar.com) following the meeting to see the voting results.

Shareholder proposals

Shareholders who meet eligibility requirements under the CBCA can submit a shareholder proposal as an item of business for our annual shareholder meeting in 2022. Proposals must be submitted to our corporate secretary by December 31, 2021 for next year's annual meeting. Shareholder proposals that comply with the CBCA requirements and are received by that date will be printed in the management proxy circular we send to shareholders next spring along with our responses.

Advance notice by-law

Shareholders who collectively own more than 5% of Cameco's outstanding shares may nominate individuals to serve as directors and have their nominations for election included in our management proxy circular for the annual meeting by submitting a shareholder proposal in compliance with the provisions of the CBCA. We did not receive any shareholder proposals for this year's meeting. The deadline for shareholder proposals for the 2022 annual meeting of shareholders is December 31, 2021.

Our by-laws require shareholders who wish to nominate directors to give advance notice of the nominations. These requirements are intended to provide a transparent, structured and fair process with a view to providing shareholders an opportunity to submit their proxy voting instructions on an informed basis. In accordance with the by-laws, written notice of nominations must be provided to our corporate secretary no later than 30 days and no more than 65 days prior to the date of the annual meeting and must include the information prescribed in the by-laws. Our by-laws are available on our website (cameco.com/about/governance) and are filed on SEDAR (sedar.com).

Accessing our governance and other regulatory disclosure

Our key governance documents are available on our website (cameco.com/about/governance):

- articles and bylaws
- our governance framework
- our governance guidelines
- our code of conduct and ethics
- the mandates of the board and its committees
- definition of independent director and related definitions
- board diversity policy
- board education program
- position descriptions for the board chair and the CEO
- director and executive share ownership guidelines
- executive incentive compensation recoupment policy.

Our publicly-filed disclosure documents are also available on our website (cameco.com), and on SEDAR (sedar.com) and EDGAR (sec.gov/edgar.shtml), including:

- 2020 annual report, which includes financial information about us, as provided in the audited financial statements and MD&A for our most recently completed financial year
- subsequent quarterly reports
- our most recent annual information form, particularly the *Governance – About the audit and finance committee* section which has additional information about our audit and finance committee, the audit and finance committee mandate in Appendix A, and other information required by Canadian securities regulators
- our code of conduct and ethics, articles of incorporation and bylaws, and the board committee mandates
- our voting results following the annual meeting of shareholders.

Filings with the US Securities and Exchange Commission (SEC) are available under company filings on its website (sec.gov). You can request free printed copies of these documents by writing to the corporate secretary at corporate_secretary@cameco.com, or at Cameco Corporation, 2121-11th Street West, Saskatoon, SK S7M 1J3.

Compliance

Cameco is a public company and our shares trade on the Toronto Stock Exchange (TSX) and the New York Stock Exchange (NYSE). We comply with applicable corporate governance guidelines and requirements in Canada and the United States, including:

- the corporate governance standards that apply to Canadian companies listed on the TSX
- the requirements of the *Sarbanes-Oxley Act of 2002* (SOx)
- the NYSE corporate governance standards that apply to foreign private issuers registered with the SEC in the US.

We also voluntarily comply with most of the NYSE corporate governance standards that apply to US issuers, with the following exceptions:

- *shareholder approval of equity compensation plans* – we comply with the TSX rules, which require shareholders to approve equity compensation plans only if they involve newly issued securities. The NYSE standards require shareholders to approve the plans and any material revisions, whether or not the securities issued under the plans are newly issued or purchased on the open market, subject to a few limited exceptions
- *appointment of auditors* – we comply with the CBCA, which requires that the auditors be appointed by the shareholders at the company's annual meeting. The NYSE standards require the audit committee be directly responsible for the appointment of any registered accounting firm engaged for the purpose of preparing or issuing an audit report or performing other audit, review or attest services. However, there is an exception for foreign private issuers that are required under a home country law to have auditors selected according to home country standards. Our audit and finance committee is responsible for evaluating the auditors and recommending the appointment of the auditors to the board, who recommends the appointment to shareholders.

Governance guidelines

The board has formal governance guidelines that set out our approach to governance and the board's governance role and practices. The guidelines ensure we comply with the legal requirements and standards listed above, conduct ourselves in the best interests of Cameco and meet industry best practices. The guidelines are reviewed and updated regularly.

Board committees

The board carries out its responsibilities directly and through its five standing committees. Committee work fulfills a specific governance role and supports our four measures of success. The committee structure ensures directors can devote the requisite skills, time and attention to specific matters and supports the board in effectively overseeing our business and affairs and providing sound governance generally. Each committee sets aside time at each meeting to meet *in camera*, and reports the business of its meetings to the board in a timely manner.

Committee responsibilities

Each standing committee was formed to assist the board in providing detailed oversight in key areas. Each committee:

- has a mandate outlining the responsibilities and duties of the committee and its chair
- reviews its mandate annually
- reviews its performance against the committee's mandate.

Specific matters that a committee oversees are addressed in the annual work plan, which drives its priorities and activities for the year.

Each committee chair is responsible for determining the meeting agenda, how often the committee will meet, the conduct of each meeting, and for chairing their committee meetings, as set out in each committee mandate.

Committee membership

Committee membership is reviewed annually. We strive for periodic rotation of committee members but do not mandate it so we can benefit from the continuity and experience of committee members, as appropriate. Changes are based on the recommendations of the board chair and the chair of the nominating, corporate governance and risk committee.

Committee chair rotation

Our committee chair rotation policy calls for rotating the positions every five years. Changes to the committee chairs and committee memberships are made in a way that balances continuity and the need for fresh perspectives, while recognizing each director's particular areas of expertise.

Cross-committee attendance

All directors are invited to attend any board committee meeting. Members of the audit and finance committee attend the portion of the human resources and compensation committee meetings on the finance succession plan, which includes the CFO and senior finance personnel.

The chair of the safety, health and environment committee attends the portion of the human resources and compensation committee meeting when it reviews that aspect of our annual corporate performance.

The chair of the reserves oversight committee is a member of the audit and finance committee and reports annually on the company's annual reserves and resources.

Access to management and outside advisors

The board and committees can invite any member of management, outside advisor or other person to attend their meetings.

Committees can engage outside advisors to assist in carrying out their duties, as authorized by their mandates. Individual directors can also engage outside advisors, as long as they receive approval in advance from the nominating, corporate governance and risk committee. The human resources and compensation committee engaged an independent consultant in 2020.

Committee reports

Committee reports that set out the key responsibilities and 2020 highlights for each committee are set out in the following pages.



Audit and finance committee

Daniel Camus

(chair since May 2019)

Ian Bruce

Catherine Gignac

Jim Gowans

2020
meetings

6

The committee met separately with the internal auditor and external auditor at every regular meeting.

2020
attendance

100%

100%

Independent and financially literate

Daniel Camus is the audit and finance committee's financial expert because he has financial expertise and meets the necessary requirements under US securities laws.

None of the committee's members serve on the audit committee of more than two other public companies.

The committee reviewed its mandate and is satisfied that it carried out its duties and responsibilities.

Key responsibilities

The audit and finance committee supports the board in fulfilling its oversight responsibilities regarding the integrity of our accounting and financial reporting, the adequacy and effectiveness of our internal controls and disclosure controls, legal, regulatory (excluding safety, health and the environment) and ethical compliance, the independence and performance of our external and internal auditors, oversight of specific risks, prevention and detection of fraudulent activities, and financial oversight.

2020 Committee highlights

Financial reporting

- oversaw the quality and integrity of our accounting and financial reporting processes
- reviewed and recommended the annual and quarterly financial statements and MD&A and quarterly press releases to the board for approval
- approved the annual audit plan and the external auditors' fees, including pre-approval of all services to be provided (see page 7 for details about the external auditor and the fees paid to them in 2020)
- received regular reports from the external auditors on the audit of our financial statements and the results of their reviews of the unaudited quarterly financial statements
- reviewed audit quality indicators
- assessed the performance of the external auditors
- reviewed the auditor's qualifications, independence and depth of business and industry knowledge and recommended the appointment of our external auditor for the coming year
- regularly met with the external auditor without management present

Risk oversight and compliance

- reviewed the effectiveness and integrity of our internal control systems and disclosure controls
- assessed the internal auditor, reviewed the internal audit mandate, and approved the internal audit plan for the year
- received regular reports from the internal auditor on the fulfillment of its plan and its recommendations to management
- regularly met with the internal auditor without management present
- reviewed reports about our compliance programs, including the code of conduct and ethics and our global anti-corruption program
- reviewed related-party transactions
- reviewed policies and programs to monitor compliance with legal and regulatory requirements and received and reviewed litigation reports
- received briefings and reports on management's hedging, debt and credit policies and compliance with them
- received briefings on significant litigation matters
- received reports on enterprise risks that the committee oversees
- received quarterly updates on the status of mitigation plans for risks that the committee oversees (including financial, fraud and other material risks within the committee's mandate)
- monitored the company's transfer pricing dispute with the CRA, including receipt of regular updates from management

Financial oversight

- received and reviewed reports on our insurance program and directors' and officers' liability insurance
- received and reviewed the annual supply chain management report
- received and reviewed reports on the company's funding (including finance and cash flow planning)
- reviewed and recommended board approval of the redemption of \$400 million in debt coming due in 2022 and issuing debentures for an equivalent amount
- received and reviewed reports pertaining to the financial aspects of the company's operations (including monitoring of care and maintenance spend and developments related to the COVID-19 pandemic)



Human resources and compensation committee

Don Kayne
(chair since May 2018)

Ian Bruce
Daniel Camus
Kate Jackson
Anne McLellan

2020
meetings

4

2020
attendance

100%

100%

Independent

The committee also has an external consultant who provides independent advice on executive compensation matters. Meridian Compensation Partners (Meridian) has been the committee's consultant since December 2011, and it has not provided any services to management.

The committee reviewed its mandate and is satisfied that it carried out its duties and responsibilities.

Key responsibilities

The human resources and compensation committee supports the board in fulfilling its oversight responsibilities regarding human resource policies, executive compensation, executive succession and development, pension plan governance, and oversight of material risks assigned to the committee.

2020 Committee highlights

A letter from the chair of the human resources and compensation committee begins on page 62.

Compensation governance

- monitored compensation trends and emerging issues
- received and reviewed the annual compensation-related risk report
- reviewed 'say on pay' results
- reviewed changes to features of the long-term incentive plan and recommended to the board for approval
- selected and managed the committee's independent compensation consultant, approved its work plan, qualifications and fees, and considered its independence
- reviewed the compensation disclosure in this circular

Executive and director compensation

- reviewed executive compensation and incentive plan measures and recommended them to the board for approval
- assessed performance against measures
- reviewed and adopted guiding principles for 2020 incentive payouts and potential COVID impacts

Succession planning

- reviewed succession planning with management and oversaw the succession planning process

Risk oversight

- received reports on enterprise risks that the committee oversees
- received quarterly status updates on the mitigation plans for risks that the committee oversees (including compensation risk, third-party compensation risk assessments, talent management risk, succession risk, cyber-security risk, risks related to the COVID-19 pandemic and other material risks within the committee's mandate)
- reviewed, and recommended to the board for approval, amendments to our people policy
- received and reviewed the annual compliance report on labour-related legislation and regulations
- considered the risks associated with its compensation programs and concluded that they are not likely to have a material adverse impact on Cameco or its business

Pension plan governance

- oversaw pension plan governance and management's supervision of our pension plan, including updates to our governance documents



Nominating, corporate governance and risk committee

Anne McLellan
(chair since May 2016)

Ian Bruce
Leontine Atkins (joined in August 2020)
Donald Deranger
Catherine Gignac
Kate Jackson

2020
meetings

4

2020
attendance

100%

100%
Independent

The committee reviewed its mandate and is satisfied that it carried out its duties and responsibilities.

Key responsibilities

The nominating, corporate governance and risk committee supports the board in fulfilling its oversight responsibilities by developing and recommending a set of corporate governance principles, identifying and recommending qualified individuals as members of the board and its committees, assessing the effectiveness of the board and committees, and overseeing the risk program.

2020 Committee highlights

Corporate governance

- oversaw the director selection process, including the appointment of a new director effective August 1, 2020
- monitored governance trends and emerging issues
- received an update on TMX and ICD initiatives to update corporate governance guidance
- reviewed and recommended to the board approval of revisions to our governance guidelines
- reviewed director independence and conflicts of interest
- assessed the size, composition, and mandates of the board and board committees
- reviewed the competency and attribute matrix
- reviewed the board's diversity policy
- oversaw our director education program
- oversaw orientation for the new director
- reviewed the board budget and recommended it to the board for approval

Risk oversight

- oversaw our risk program
- monitored governance-related risks
- received and reviewed an annual report on security of the board portal
- oversaw political donations

ESG oversight

- monitored governance trends and emerging issues
- received updates from the multi-disciplinary ESG working group
- received updates on the company's ESG and sustainability website enhancements and reporting

Board and committee assessments

- oversaw the performance and effectiveness assessment of the board of directors

Governance disclosure

- reviewed third-party governance ratings
- reviewed governance disclosure for this management proxy circular



Reserves oversight committee

Catherine Gignac
(chair since May 2015)

Ian Bruce
Leontine Atkins (joined in August 2020)
Donald Deranger
Jim Gowans
Don Kayne (left in November 2020)

2020 meetings

2

2020 attendance

100%

The committee met separately with the leading qualified person at every meeting.

100%
Independent

The committee reviewed its mandate and is satisfied that it carried out its duties and responsibilities.

Key responsibilities

The reserves oversight committee supports the board in fulfilling its oversight responsibilities regarding estimating and disclosing mineral reserves and resources.

2020 Committee highlights

Estimating mineral reserves and resources

- confirmed our qualified persons for estimating our mineral reserves and resources
- performed the due diligence process for the year-end reserves and resources reporting
- reviewed management's annual reserves and resources report and annual reconciliation of reserves to mine production and recommended them to the board for approval
- received management reports on internal controls and procedures regarding mineral reserves and resources reporting

Disclosing mineral reserves and resources

- monitored industry standards and regulations on estimating and publishing mineral reserves and resources information, and related issues and developments through reports from management
- received reports from the leading qualified person on the mineral reserves and resources estimates and confirmed that the information has not been restricted or unduly influenced
- received confirmation from the leading qualified person and chief operating officer that the information is reliable and that we will publish mineral reserves and resources estimates according to securities laws and regulations that apply to us
- received confirmation from the leading qualified person that our disclosure controls for disclosing mineral reserves and resources estimates comply with industry standards
- received a presentation by CSA Global Advisors on the external audit of mineral reserves and resources estimation at Reynolds Ranch and received updates on Cameco's implementation plan relating to findings of the audit

Risk oversight

- received reports on enterprise risks that the committee oversees
- received status updates on the mitigation plans for risks that the committee oversees (including mineral reserves and resources risks and other material risks within the committee's mandate)



Safety, health and environment committee

Jim Gowans
(chair since May 2015)

Ian Bruce
Donald Deranger
Kate Jackson
Don Kayne

2020
meetings

3

2020
attendance

100%

100%
Independent

The committee reviewed its mandate and is satisfied that it carried out its duties and responsibilities.

Key responsibilities

The safety, health and environment committee supports the board in fulfilling its oversight responsibilities regarding safety, health and environmental matters.

2020 Committee highlights

Overseeing and assessing policies and management systems

- oversaw our compliance with all relevant safety, health, environment and quality (SHEQ) legislation and our SHEQ policy and programs
- received reporting on the annual review of Cameco's management system measures in accordance with the Cameco management system
- received reports on management's benchmarking of our policies, systems and processes and monitored them against industry best practice

Monitoring and assessing performance

- reviewed findings of safety, health and environment (SHE) audits, action plans, and results of investigations into significant events
- monitored metrics and leading indicators implemented to drive continued improvements to our safety performance
- reviewed the annual SHE budget to ensure sufficient funding for compliance
- determined the SHEQ measures and results for executive compensation and related impact
- monitored trends, significant events and emerging issues through reports from management

Risk and ESG oversight

- received reports on enterprise risks that the committee oversees
- received status updates on the mitigation plans for risks that the committee oversees (including safety, health and environment risks and other material risks within the committee's mandate)
- received reports on the company's sustainability and ESG website enhancements and reporting

Executive Compensation

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Message from the Chair of the Human Resources and Compensation Committee¹

Dear Shareholder,

On behalf of the Human Resources and Compensation Committee and the board, I am pleased to share our approach to executive compensation and provide insights to this year's compensation decisions.

The human resources and compensation committee oversees all aspects of executive compensation, executive development and succession planning. Detailed information about our compensation philosophy, pay-for-performance program, 2020 results and compensation governance is included in our compensation discussion and analysis section that follows this letter.

Our approach to compensation

Our compensation program supports Cameco's vision of energizing a clean-air world. The program is designed to link strategy and performance with compensation and align the interests of our executives and shareholders by linking a significant portion of executive pay – including equity-based compensation – to the achievement of objectives that focus the executive team on Cameco's long-term success and sustainability.

The committee reviews Cameco's strategy and business plan and recommends performance measures and targets to the board that reflect Cameco's four measures of success – outstanding financial performance, a safe, healthy and rewarding workplace, a clean environment and supportive communities. The committee uses these measures and targets to assess corporate and executive performance and make compensation decisions, including the payouts of incentive awards to the executive team.

2020 Performance and COVID-19

The COVID-19 pandemic has resulted in a time of unprecedented volatility, and we have taken that into consideration when evaluating 2020 performance. Challenges created by the COVID-19 pandemic affected every aspect of the company, and Cameco's management team took proactive measures to protect the health and well-being of Cameco's workers, their families and their communities.

In addition to deliberate decisions to protect Cameco's workers and to help slow down the spread of the COVID-19 virus, management also implemented strategic initiatives to strengthen the company for the future, including investing in Cameco's digital transition program at McArthur River and Key Lake as well as other key areas of the company. This investment in digital technologies is expected to lower operating costs and provide operational flexibility in the future. Cameco also took advantage of favourable debt capital markets and further strengthened its balance sheet by accelerating the redemption of \$400 million in debt coming due in 2022 and issuing debentures for an equivalent amount, securing a record-low coupon rate for Cameco of 2.95% and resetting the maturity date to 2027. The proactive decisions related to COVID-19 that were made in 2020 are consistent with Cameco's values and support its strategy and vision. However, they resulted in unplanned costs, including costs associated with placing operations in care and maintenance, enhancing safety measures and purchasing safety equipment, purchasing additional pounds of uranium to cover the temporary supply curtailments and accelerating the redemption of the \$400 million debenture.

In assessing financial performance for 2020, the committee capped financial performance results below target by not allowing all these additional costs to be excluded. At the same time, the committee excluded the benefits received from the Canadian emergency wage subsidy (CEWS) and savings achieved through reduced travel and project costs. By making these balanced and symmetrical adjustments as well as considering the challenges faced in the business and community in this extraordinary year, the committee avoided a short-term incentive payout that was significantly above target. In making this decision, the committee and the board were satisfied that the overall STI payout at target (100%) was fair, mitigated the impact of the uncontrollable outcomes driven directly by the pandemic, and provided a payout that was focused on controllable results and strategic achievements in a very challenging year.

Despite the disruption of the COVID-19 pandemic on the company's operations, Cameco continued to improve its safety performance, recorded the best safety performance in its history for the third consecutive year and recorded no lost-time injuries in 2020. The company also met all of its environmental performance targets which were focused on mitigating specific risks in each area of the operations.

¹ This message from the chair of the human resources and compensation committee contains forward-looking information and is based upon the assumptions and subject to the material risks described at pages 2 through 4 of our 2020 MD&A. Actual outcomes for future periods may be significantly different.

As part of Cameco's strategic initiative to move towards digital transition and to ensure that we have the digitally skilled workforce to meet our future operational needs, we targeted programs to enhance digital skills development for Residents of Saskatchewan's North (RSNs). The target was exceeded in 2020, setting the foundation for further skills development work and supporting Cameco's ongoing efforts to maintain its strong Indigenous employment record and important relationships with Northern and Indigenous communities in Saskatchewan.

The 2018 performance share unit (PSU) grant that vested on December 31, 2020 paid out above target at 143.6%, reflecting strong performance on all three measures. Cameco achieved a solid relative realized uranium sales price, lower all-in sustaining cash costs (AISCC) from the three Saskatchewan tier one operations, and a strong three-year TSR at the 69th percentile relative to the TSX 60. Cigar Lake was in care and maintenance for a significant portion of 2020 due to the COVID-19 pandemic. As a result, the costs for 2020 were lower than anticipated and not readily comparable to the three-year AISCC target. Actual 2020 AISCC were much lower than budgeted 2020 AISCC, which would have resulted in maximum performance for that measure. Instead of applying this higher factor, the actual production volume and costs achieved were analyzed and added to the budget plan for the months that the site was in care and maintenance. This estimate, combined with the actual care and maintenance costs at McArthur River and Key Lake, resulted in an AISCC result for 2020 that was about 4% better than target. The committee subsequently decided to cap the 2020 AISCC performance at 100% to further reduce the incentive while Cigar Lake was in care and maintenance.

President and Chief Executive Officer (CEO) compensation

The committee uses a robust assessment process for evaluating CEO performance and incorporates feedback from all board members before making its recommendations on CEO pay to the board.

A significant component of CEO compensation is variable or at risk. Tim Gitzel did not receive a salary increase in 2020 at his request. His 2020 short-term incentive award was \$1,400,000, reflecting target corporate performance and continued strong individual performance and leadership during an unprecedented year. Tim's leadership has helped Cameco navigate considerable external challenges, while strengthening its balance sheet and positioning the company to achieve its vision of energizing a clean-air world.

Program changes and looking ahead to 2021

The committee continually reviews Cameco's compensation program and makes adjustments to align with market trends and best practices. In 2020, the 40% weighting allocated to stock options was replaced by restricted share units (RSUs) in the long-term incentive mix. RSUs align with Cameco's share price, provide retention value and are a common form of long-term incentive used by companies in Cameco's comparator group. RSUs reduce shareholder dilution because they are settled in shares that are purchased on the market.

Performance targets for both the short- and long-term plans are linked to our strategic plan and reward our long-term success. Every year our targets are scrutinized and tested to ensure stretch within the program. This includes a thoughtful examination of threshold, target and maximum levels for all metrics.

In light of the uncertainty as to when the uranium market will transition to reflect production cost economics and how the COVID-19 pandemic will impact the restart of the Cigar Lake operation, management and the board remain focused on preserving the value of Cameco's lowest cost assets, maintaining a strong balance sheet, protecting and extending the value of Cameco's contract portfolio, and efficiently managing the company in a low-price environment. Objectives for the 2021 short- and long-term incentive awards continue to support Cameco's strategy and four measures of success, and incorporate the following factors, while recognizing the uncertainty due to the COVID-19 pandemic:

- prioritizing the health and safety of our workers, their families and communities
- returning Cigar Lake to production, on a basis that protects our employees and communities from COVID-19
- evaluating the optimal mix of production, inventory and purchases in order to retain the flexibility to deliver long-term value
- focusing on technology and its applications to improve efficiency, reduce costs and improve operational effectiveness across our operations, including the use of digital and automation technologies.

Base salaries for executives will not increase in 2021 based on the recommendation of the CEO and approval of the board.

The committee continues to oversee succession planning to ensure the effective development of leadership talent and an orderly transition to officer roles as required.

Thank you for your support

We are confident that Cameco's compensation program works, is based on performance and aligns with Cameco's vision of energizing a clean-air world. We remain focused on taking advantage of the long-term growth we see coming in our industry, while maintaining our ability to respond to market conditions as they evolve, all while keeping our workers and their families and communities safe.

In keeping with our ongoing commitment to good governance, we held our annual "say on pay" advisory vote at our 2020 annual meeting. Shareholders voted 93.49% in favour of our approach to executive compensation. We are encouraged by the consistently strong support we receive from shareholders and value all feedback on executive compensation and other governance matters.

In closing, I would like to express my confidence in Cameco's future prospects. I look forward to my continued service as committee chair and working on human resources and compensation matters that are such an important aspect of Cameco's success.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Kayne", with a long horizontal flourish extending to the right.

Don Kayne

Chair, Human Resources and Compensation Committee

Compensation discussion and analysis

The human resources and compensation committee ensures our executive compensation program is competitive, based on sound decision-making, pays for performance, motivates and attracts talent, and focuses on creating long-term value.

WHAT WE DO

Pay for performance. 83% of the compensation for the CEO is at-risk pay – it is variable, contingent on performance and not guaranteed	✓
Share ownership. We require our executives to own equity in Cameco, and to acquire additional shares using the proceeds from redeeming or exercising vested equity awards until they have met their target ownership	✓
Performance based vesting. 60% of the long-term incentive vests at the end of three years based on our absolute performance and relative average realized uranium price	✓
Benchmarking. We benchmark executive compensation against a size and industry appropriate comparator group and target compensation at the median of the group	✓
Caps on incentive payouts. Our STI and PSU plans cap payouts. The human resources and compensation committee and the board cannot use their discretion to exceed the caps	✓
Stress testing and back testing. We stress test different scenarios to assess appropriateness of pay and avoid excess risk-taking, and the committee considers long-term incentive awards previously granted when granting new awards	✓
Clawbacks. Our clawback policy applies to all executives and all incentive compensation awarded	✓
Independent advice. The committee receives compensation advice from an independent advisor	✓
Disclosed realized and realizable pay. The value ultimately realized from a long-term incentive award can be significantly different from the grant value. Share price is only one factor that affects the payout value	✓
Modest benefits and perquisites. These are market competitive and represent a small part of total executive compensation	✓
Employment agreements. Employment agreements with the named executives protect specialized knowledge, contacts and connections obtained while at Cameco	✓
Double trigger. The severance provisions in our executive employment agreements and our LTI plans have double triggers in the event of a change of control	✓

WHAT WE DON'T DO

No repricing of stock options.	X
No tax gross-ups.	X
No excessive severance obligations.	X
No bonus amounts or value of equity awards included in pension calculations.	X
No hedging of shares or equity awards.	X

Our 2020 named executive officers

Our 2020 named executive officers (*named executives*) include the chief executive officer, chief financial officer, and the next three most highly compensated officers at December 31, 2020.

Name	Title
Tim Gitzel	President and Chief Executive Officer
Grant Isaac	Senior Vice-President and Chief Financial Officer
Brian Reilly	Senior Vice-President and Chief Operating Officer
Alice Wong	Senior Vice-President and Chief Corporate Officer
Sean Quinn	Senior Vice-President, Chief Legal Officer and Corporate Secretary

Tim Gitzel is president and chief executive officer, a position he has held since July 1, 2011. See the director profile on page 24 for his complete biography.

Grant Isaac was appointed senior vice-president and chief financial officer on July 1, 2011 and has executive oversight responsibilities for finance, tax, treasury, investor relations, strategy and risk, and marketing. Grant was previously senior vice-president, corporate services from 2009 to 2011.

Prior to joining Cameco, Grant was a professor at the Edwards School of Business, University of Saskatchewan beginning in 2000 and was appointed as the Dean of the Edwards School of Business in 2006. Grant earned a BA (economics) and an MA (economics) from the University of Saskatchewan and a PhD from the London School of Economics.

Brian Reilly was appointed senior vice-president and chief operating officer on July 1, 2017 and has executive oversight responsibilities for our fuel services division, mining operations, technical services and operational excellence. He was previously vice-president, mining, projects and technology. Brian's career at Cameco began at Cameco Australia in 2011 where he was managing director responsible for strategic vision, planning and overall direction.

Prior to joining Cameco, Brian held the position of president & CEO of Titan Uranium and previous positions with Orano (formerly AREVA), including vice-president human resources and industrial relations. At Orano, Brian was responsible for coordinating and developing the KATCO project in Kazakhstan and the Kiggavik project in Nunavut.

Alice Wong was appointed senior vice-president and chief corporate officer in July 2011 and has executive oversight responsibilities for human resources, safety, health, environment, quality, regulatory relations, business technology services, supply chain management, internal audit and corporate ethics.

Alice's career with Cameco spans more than 30 years. Previous roles include vice-president safety, health, environment, quality and regulatory relations where she led the company through an increasingly complex regulatory world with a focus on operational excellence. She also held leadership positions in corporate responsibility, communications, community investment, government relations and investor relations and has experience in marketing, corporate development and strategic planning. Alice has been a member of the board of Hecla Mining Company (NYSE:HL) since February 2021.

Sean Quinn was appointed senior vice-president, chief legal officer and corporate secretary on April 1, 2014. Sean has executive oversight responsibilities for legal, corporate development, exploration and our Kazakh joint venture. Sean was previously vice-president, law and general counsel from 2004 to 2014.

Sean's career with Cameco spans almost 30 years. As legal counsel, he has been at the forefront of Cameco's major international business deals, including acquisition of uranium operations in the US, the formation of JV Inkai in Kazakhstan, the spinoff and eventual divestiture of Cameco's gold business to Centerra Gold Inc., and the acquisition of Kintyre and Yeelirrie uranium deposits in Australia. He served on the board of Bruce Power from 2007 to 2014, representing Cameco's investment.

Compensation governance

The board has ultimate responsibility for compensation at Cameco. It oversees our compensation policies and practices and assesses compensation based on balanced short- and long-term performance, relative to pre-determined measures in the areas of financial performance, operational excellence and sustainability. The board can use its discretion to reduce compensation or, subject to certain limits, adjust compensation upward.

The human resources and compensation committee assists the board in overseeing our human resources policies and programs, executive compensation, succession planning, pension plans and director compensation. The committee reviews all policies and programs relating to executive compensation, which involves:

- establishing the annual corporate objectives to assess performance
- determining the base salaries, short-term incentive awards and long-term incentive awards
- evaluating performance
- reviewing and recommending executive compensation to the board for review and approval.

The committee is qualified, experienced and 100% independent. It has five members of varying tenure. Don Kayne serves as committee chair and brings strong executive compensation, risk management, governance and CEO experience to the role. Other committee members have strong backgrounds in finance, risk oversight, governance and executive compensation. You can read more about the committee members in their director profiles starting on page 19.

Years on committee		Expertise of committee members	
Don Kayne (chair)	4	Business and industry experience	5 of 5
Daniel Camus ¹	9	Executive compensation experience (as a senior executive, managing partner or member of the compensation committee of other public companies)	5 of 5
Anne McLellan ²	13	Governance background	5 of 5
Kate Jackson ²	3	Risk oversight experience	5 of 5
Ian Bruce ^{1,2,3}	6	Executive leadership	5 of 5

1. Audit and finance committee members.

2. Nominating, corporate governance and risk committee members.

3. Ian is a member of all committees. He was chair of the human resources and compensation committee prior to taking on the role of board chair.

Independent advice

Meridian Compensation Partners (Meridian) serves as the human resources and compensation committee's independent consultant, a role it has fulfilled since December 2011. Management retains a different external consultant as a general resource on human resources and other matters and Mercer serves as management's consultant.

The committee considers the independence of its compensation consultant, and reviews all fees and the terms of consulting services to be provided by the independent consultant. The committee reviewed Meridian's 2020 report on independence as contemplated by the NYSE rules and is satisfied with the report. It also confirmed Meridian's independence.

The committee considers recommendations provided by its compensation consultant and management along with other information, and is ultimately responsible for its own decisions.

Meridian assists the committee in its annual review of Cameco's compensation program, and regularly reviews nine key areas of our compensation programs with the committee:

- compensation principles
- comparator groups
- positioning of target compensation
- pay mix
- incentive plan design

- performance measures
- share ownership
- plan governance and risk mitigation
- supplemental executive pension program.

The table below shows the fees paid to Meridian in 2019 and 2020. Meridian did not provide any services to management in either year.

	2020	2019
Executive compensation-related fees	\$60,401	\$69,576
All other fees	–	–
Percent of work provided to the committee	100%	100%

Meridian provided a broad range of services in 2020, including:

- a review of the comparator group
- a compensation risk review
- two education sessions on compensation and governance trends
- a review of our executive compensation program and STI and PSU plan objectives and performance measures
- a review of the 2020 incentive plan targets and performance against targets
- a pay-for-performance assessment of CEO realizable pay
- a review of the compensation discussion and analysis (CD&A)
- consulting on numerous compensation governance matters, including clawbacks, proxy advisor positions, realized and realizable pay disclosure and ISS pay-for-performance modeling.

Compensation program risk management

We mitigate executive compensation risk through appropriate corporate governance oversight and compensation plan design. Compensation risk is addressed by the human resources and compensation committee each year (see page 57 for the committee's 2020 highlights), and Meridian conducts a compensation risk review annually. Meridian's 2020 assessment concluded that Cameco's compensation program and policies drive a balanced approach to short- and long-term risk and are not likely to have a material adverse effect on Cameco, its business or its value.

Our compensation program:

- is designed to encourage the right management behaviours
- uses a company-wide balanced scorecard approach to assess performance
- motivates appropriate risk-taking
- avoids excessive payouts to executives and employees.

Specific corporate governance policies related to compensation program risk management include our clawback policy, share ownership requirements, and anti-hedging policy.

Clawback policy

All named executives are subject to a clawback policy that applies to all incentive compensation, including any annual bonus, performance share units, restricted share units and stock options granted or received. It allows the board and the human resources and compensation committee to decide how to apply the policy and recoup the incentive compensation of the executive at fault if there is an accounting restatement due to material non-compliance with financial reporting requirements under securities laws, and the executive:

- engaged in gross negligence, intentional misconduct or fraud which caused or significantly contributed to the restatement
- was overcompensated as a result of the restatement.

Share ownership requirements

Our share ownership guidelines require executives to hold their current shares and to purchase additional shares with their after-tax proceeds from redeeming or exercising equity awards until they have met their target ownership levels (see page 71 for share ownership requirements).

Anti-hedging policy

We prohibit directors, officers and employees from using hedging strategies to offset a decrease in market value of our shares or the market value of equity awards granted as compensation.

Our securities trading guidelines prohibit:

- trading while in possession of confidential material information
- tipping of confidential information to anyone
- speculative trading in or hedging of Cameco securities or related financial instruments
- holding Cameco securities in margin accounts
- fraudulent trading or market manipulation of Cameco securities.

Compensation program decision-making process

The board, the human resources and compensation committee, and management are involved in compensation decision-making. The committee is responsible for making compensation recommendations to the board for its approval.

The chart below shows our process, the different inputs we use to determine compensation, and the flow of information, recommendations and approval by our board.



Our culture encourages management to be objective in assessing its own performance and making recommendations to the board to adjust compensation as appropriate. The compensation principles set out below were adopted by the board and guide all executive compensation decisions at Cameco.

Six compensation principles

<p>Team</p> <p>Promote executive teamwork by using incentive-based compensation that emphasizes corporate over individual performance</p>	<p>Performance</p> <p>Base compensation decisions on corporate and individual performance, using a combination of financial, non-financial, internal and external measures, and absolute and relative performance, depending on short-term and long-term performance</p>	<p>Retention</p> <p>Focus part of the LTI program (PSUs) on absolute and controllable performance measures to retain skilled executives</p>
<p>Shareholder alignment</p> <p>Use share ownership requirements and equity-based compensation to align executives with long-term interests of shareholders</p>	<p>Comparator</p> <p>Benchmark shareholder experience and compensation program against a comparable group of companies</p>	<p>Market competitiveness</p> <p>Target executive compensation around the range of the market median, depending on role, experience and performance, to ensure we can attract and retain our executive talent</p>

Our approach to executive compensation

Our executive compensation program is based on strong principles, a disciplined process and thorough research and analysis. It has the following goals:

- attract, retain and motivate executives, who are operating in a highly-demanding, complex and competitive global business environment
- establish a clear link between corporate performance and executive pay
- motivate executives to create value by rewarding them when successfully achieving corporate and individual performance objectives over the short and long term
- ensure a significant portion of total compensation is at risk, reinforcing the importance of strong leadership and executives' ability to influence business outcomes and financial and ESG performance, and is tied to share value to align the interests of executives and shareholders.

Compensation comparator group

We use national, provincial and industry compensation forecasts, and benchmark our executive compensation against our comparator group for individual compensation components and total compensation by position. Performance, scope of the role, experience and internal equity are also considered by the human resources and compensation committee when making compensation decisions.

Our objective is to have a robust and stable group of companies that are comparable by size and industry to benchmark against. We use a multi-step evaluation process to determine appropriate companies for assessing market levels of compensation. The evaluation process is based on our existing criteria and focuses on companies in the resource industry (mining in particular) that are similar in size and complexity and are a relatively good fit with the overall group.

As a publicly-traded, global nuclear energy company based in Canada, we have no peers that are directly comparable, so the human resources and compensation committee, with the support of its independent consultant, has established a comparator group of companies to assess both executive and director compensation. The comparator group represents a cross-section of Canadian capital-intensive companies from different sectors that are similar by size of assets, revenue, enterprise value, and market capitalization (generally ranging from one-third to three times the size of Cameco). These companies are also in regulated or relevant industries or in complex businesses, have operations in multiple geographic locations and jurisdictions, and have their head office in Canada.

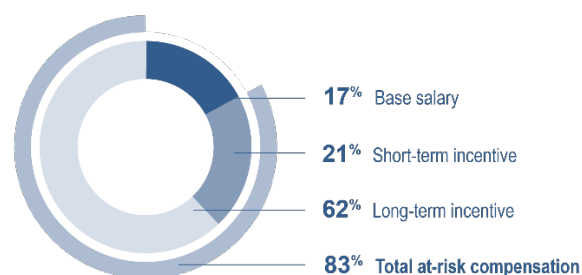
2020 Comparator group		
Diversified metals and mining	Energy (oil, gas and methanol)	Utilities, energy infrastructure and power producers
Agnico-Eagle Mines Ltd. Centerra Gold Inc. Eldorado Gold Corporation First Quantum Minerals Ltd. Hudbay Minerals Inc. IAMGold Corporation Kinross Gold Corporation Lundin Mining Corporation New Gold Inc. Nutrien Ltd. Pan American Silver Corp. Teck Resources Limited Yamana Gold Inc.	ARC Resources Ltd. Crescent Point Energy Corp. Ovintiv Inc. (formerly EnCana Corp.) Enerplus Resources Fund MEG Energy Corp. Methanex Corporation	TransAlta Corporation

Target compensation

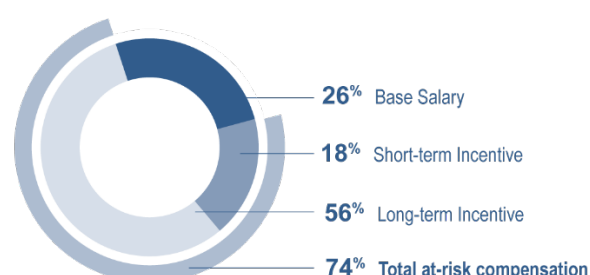
We target base salaries and total compensation within a competitive range of the median of our comparator group, for target performance.

The charts below show the 2020 target pay mix for total target direct compensation for our named executives, and the amount of at-risk compensation. We use financial, operational and ESG measures to assess performance for short- and long-term incentives.

Target compensation mix for the CEO



Average target compensation mix for the other named executives



Share ownership requirements

Share ownership is an important part of our compensation program as it aligns the interests of our executive officers with those of our shareholders. Ownership includes shares held directly or indirectly, and share equivalents such as PSUs and RSUs. The human resources and compensation committee regularly reviews and assesses our guidelines to make sure they continue to align with market practice.

Ownership guidelines by position

CEO - 4x base salary

Other named executives - 2x base salary

Equity used to meet share ownership guidelines

Yes

- Cameco shares that the NEO owns or is deemed to own, beneficially, directly or indirectly
- 80% of the after-tax value of unvested PSUs (not to exceed ½ of the ownership level)
- The after-tax value of unvested RSUs

No

- options, whether vested or unvested

All named executive officers are expected to achieve the required levels of ownership within five years of their appointment. If they assume a new position with a higher ownership level, they have three additional years to meet the increased level. If a named executive officer has not satisfied the ownership guideline within those first five years or goes below that level after that time period, he or she must use the after-tax proceeds from the payout of his or her PSU and RSU awards and the exercise of stock options to purchase additional shares until the guideline is met.

For compliance purposes, we annually assess the share ownership value based on the year-end closing price of Cameco common shares on the TSX or the price at the time of purchase (or share unit grant), whichever is higher.

All our named executives are in compliance with our share ownership guidelines. The table below shows each named executive's holdings for purposes of our annual compliance assessment.

Named executives	2020 base salary	Cameco shares	Total holdings		Value of holdings (\$) (using share ownership guideline value)	Value of holdings (\$)¹	Multiple achieved (#) Using market value at year-end	Compliant with share ownership guideline
			Qualifying share equivalents	PSUs²				
Tim Gitzel⁴	1,060,900	370,035	138,097	65,181	10,428,140	9,774,987	9.2x	Yes
Grant Isaac	586,400	87,185	53,056	25,369	2,897,252	2,823,651	4.8x	Yes
Brian Reilly	502,400	21,573	21,573	19,567	1,070,849	1,286,985	2.6x	Yes
Alice Wong	474,100	75,485	34,316	16,402	2,240,426	2,151,761	4.5x	Yes
Sean Quinn	458,500	43,050	37,172	15,875	1,817,441	1,638,454	3.6x	Yes

1. Based on total holdings multiplied by the closing share price of \$17.05 on the TSX as of December 31, 2020.
2. Number of qualifying PSUs for share ownership purposes, which number does not exceed number of Cameco common shares held and are reduced to account for deducting an estimated 50% for taxes.
3. Number of RSUs for share ownership purposes are reduced to account for deducting an estimated 50% for taxes.
4. See Tim Gitzel's profile on page 24 for the total number and value of the CEO's shares and all PSUs, not just qualifying PSUs.

Our executive compensation program aligns with our strategy and ESG performance

Our executive compensation program is directly aligned with the strategic plan, which includes ESG performance. Measures based on our corporate objectives form the basis of the compensable targets under the short-term incentive plan. Performance share units (PSUs) measure absolute and relative performance over a three-year period, with the actual payout determined by outcomes against targets based on our long-term strategic goals.

We establish corporate objectives to achieve our strategic plan and these are approved by the board for our incentive plans every year (see our most recent MD&A, particularly the *Our strategy* section for more information about our strategy). We group our corporate objectives into our four measures of success:

- outstanding financial performance
- safe, healthy and rewarding workplace
- clean environment
- supportive communities.

Our four measures of success allow us to proactively address the financial, social and environmental aspects of our strategy and business. We believe that each is integral to our overall success and that together they will ensure our long-term sustainability.

Compensation components overview

The chart below shows the current multi-year, strategic balance of components that make up total direct compensation for the named executives.



The following table is a summary of the components that make up total compensation. Detailed explanations about each component follow.

Form	Performance period	How it is determined	Risk management features
Base salary	Fixed compensation that is competitive with the market		
Cash	One year	Based on current business challenges, experience, scope of the role, market competitiveness, individual performance and internal equity.	Paid throughout the year and provides a base level certainty to named executives for fulfilling their responsibilities. Fixed pay represents 17-27% of target direct compensation for the named executives.
Short-term incentive (STI)	Variable, at-risk compensation that encourages achievement of pre-established corporate and individual performance objectives. Payout is subject to a clawback policy		
Cash	One year	Focuses on specific annual objectives. Target payout based on market competitiveness and other factors. Actual payout based on corporate and individual performance.	Provides a balanced focus on short-term performance based on a pre-determined set of performance measures weighted and scored in our scorecard. Actual payout on all measures ranges from 0-200%. Targets and results are approved by the board. Targets are tested to determine the level of stretch. Using a balanced scorecard of different performance measures reduces the risk associated with emphasizing a single (or limited) performance measure.
Long-term incentive (LTI)	Variable, at-risk compensation that encourages achievement of longer-term performance and an opportunity to receive equity-based compensation aligned with shareholder interests. Payout is tied to Cameco share performance and is subject to a clawback policy		
Performance share units	Three-year term, with vesting at the end of three years	Focuses on longer-term objectives. The PSU grant is based on market competitiveness of the LTI package and other factors. Payout is based on our overall absolute and relative performance and Cameco's share price when the units vest. Payment is made in Cameco shares purchased on the open market, or in cash.	Provides a focus on long-term performance based on established targets for absolute and relative measures. Three-year vesting period supports long-term decision-making and management of the business. Vesting and payouts are capped. Stretch targets are based on challenging goals where achievement is better than the comparator group and market.

Form	Performance period	How it is determined	Risk management features
Restricted share units	Three-year term, with vesting at the end of three years	The RSU grant is based on market competitiveness of the LTI package and other factors. The realized value is based on Cameco's share price when the units vest. Payment is made in Cameco shares purchased on the open market, or in cash.	Provides a balanced incentive to take appropriate risks. Three-year vesting period supports retention and maintains longer-term focus for decision-making and management of the business.
Stock options The last year stock options were granted was in 2019	Eight-year term, with one-third vesting each of the first three years starting on the first anniversary of the grant	The stock option grant was based on market competitiveness of the LTI package and other factors. The final realized value is based on the appreciation of Cameco's share price.	Provides a balanced incentive to take appropriate risks. Three-year vesting eligibility period and eight-year term maintain longer-term focus for decision-making and management of the business.
Pension			
Defined contribution pension plan and supplemental executive pension program (defined benefit)	Ongoing	Based on market competitiveness and legislative requirements.	Tax-efficient way to provide employment benefits. Provides security for employees and their families.
Group benefits			
Group insurance, health and dental, income protection	Ongoing	Based on market competitiveness.	

Base salary

We generally target base salaries at the median of the comparator group. We review base salaries every year and compare them to similar positions in the comparator group. Then we review our corporate performance, the individual's performance, experience and scope of the role as well as internal equity to make sure any increases are fair and balanced. Salary adjustments, if any, for our named executives are normally effective January 1.

Short-term incentive (STI) plan

The STI plan gives executives the opportunity to earn a cash bonus based on their success in achieving pre-established corporate and individual performance targets for the year. The STI payout is based on the executives' targets as a percentage of their base salary and actual corporate and individual performance.

Individual executive targets are set at the median of those of our comparator group. The human resources and compensation committee sets the target STI for each executive based on position, internal equity and market competitiveness. The weighting of corporate and individual performance is the same for all executives, which promotes executive teamwork and closely aligns the interests of executives and shareholders. Actual bonuses are based on performance for the year and paid in the following year after our year-end results are released.

The table below shows the current target levels and weightings used to establish the actual payout.

Position	STI target level for 2020 (% of base salary)	Corporate performance weighting	Individual performance weighting
CEO	120%	80%	20%
Senior vice-presidents	65-80%	80%	20%

Setting STI performance measures

The board uses an additive balanced scorecard approach to establish the measures and weightings for STI performance measures every year based on the committee's recommendation. STI performance measures are aligned with the strategic plan, which includes ESG performance.

STI performance measures undergo a rigorous review process – management brings them forward to the human resources and compensation and safety, health and environment committees where they are reviewed to ensure they appropriately support our strategic plan and are achievable with significant management effort. Stress testing is done on different performance scenarios and back testing of previous performance and

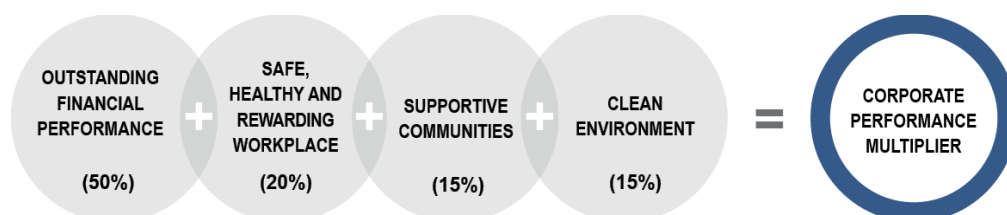
compensation decisions to make sure decisions and outcomes are appropriate. The human resources and compensation committee then recommends the corporate objectives to the board for approval.

The non-financial objectives account for 50% of the STI payout and emphasize our balanced scorecard approach as well as our commitment to integrating ESG factors into our executive compensation strategy. The CEO and other named executives have specific ESG-related goals as part of their individual performance measures under the STI plan related to safety, clean environment, and the company's role in supporting communities where we operate.

Measuring corporate performance and determining the corporate performance multiplier

We assess our corporate performance by how well we achieve on the STI performance measures that reflect our four measures of success. Cameco must meet a minimum level of performance (threshold) for each measure before that measure can be counted towards the corporate performance multiplier that is ultimately used for calculating the payout. There is no payout if performance is below threshold. Achieving target produces a 100% payout on a measure. The maximum payout on any STI measure is 200%.

As part of the process in determining the corporate performance multiplier, the human resources and compensation committee consults with the safety, health and environment committee on our performance related to safety, health and the environment and related corporate results. The human resources and compensation committee then brings forward a recommendation to the board.



The board can use discretion to make adjustments so that the corporate performance multiplier appropriately reflects performance and discourages excessive risk-taking when there are significant external challenges or opportunities that were not contemplated or reasonably expected when the objectives were set under the STI plan. The STI plan pays out at a maximum of 200% of target if performance is exceptional. The board cannot use their discretion to exceed this cap. We disclose any use of discretion, together with the rationale and the circumstance.

Measuring individual performance

The board assesses the CEO's individual performance, and determines individual performance measures and weightings, using the annual corporate objectives and recommendations by the human resources and compensation committee, which are based on:

- overall corporate performance
- implementation of the CEO's strategies to increase long-term value
- achievement of the CEO's individual performance objectives.

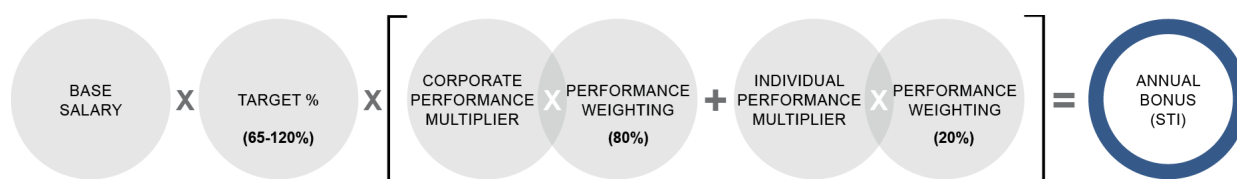
The committee reviews feedback from all directors, reports from management and the CEO's self-assessment and consults with its compensation consultant before making its recommendation to the board.

The CEO assesses the individual performance of each senior vice-president and recommends to the committee the individual performance measures and weightings, using the annual corporate objectives, with consideration given to the executive's influence in a given area. The CEO compares actual performance to the objectives and evaluates the leadership effectiveness of the executive. The CEO discusses the performance of the executives with the committee and its compensation consultant. The committee then makes its recommendations to the board. The board approves all decisions on executive compensation.

Individual performance has a maximum payout factor of 150%.

Determining the payout

The corporate performance multiplier and individual performance multiplier are used to calculate the annual STI bonus based on the formula below.



Long-term incentive (LTI) program

Our LTI program provides executives and management employees the opportunity to receive equity-based compensation to drive longer-term performance. Both the committee and the board believe equity-based compensation is important for motivating employees to deliver strong longer-term performance, aligning their interests with those of our shareholders and providing pay that is competitive with the market. Performance-based vesting and share price fluctuation impact the realized and realizable value of equity-based compensation, underscoring the strong link between pay and performance.

Our LTI program includes PSUs and RSUs, which vest at the end of three years and have different terms for vesting and payout. The LTI mix allows us to use different vesting criteria, eligibility and performance measures for at-risk compensation. PSUs vest based on absolute and relative performance, while RSUs vest after three years. Both LTI plans focus management on the importance of future value and drive corporate performance over the longer term. We no longer grant stock options under our LTI program and no stock option awards have been granted since 2019.

The committee evaluates the mix of the long-term incentive grants every year, discusses trends with its compensation consultant and considers the level of the position, internal equity and overall market competitiveness. The committee set the 2020 target mix of the long-term incentive grants at 60% PSUs and 40% RSUs.

Position	LTI grant (% of base salary)	Actual % of PSUs and RSUs granted in 2020 (PSUs/RSUs)
President and CEO	355%	60/40
Senior Vice-President and Chief Financial Officer	250%	60/40
Senior Vice-President and Chief Operating Officer	225%	60/40
Senior Vice-President and Chief Corporate Officer	200%	60/40
Senior Vice-President, Chief Legal Officer and Corporate Secretary	200%	60/40

LTI components

The chart below describes each component of our LTI program.

Grant	How it is used	Business focus	Who participates	Vesting	How it is settled	Alignment with shareholders
PSUs (page 77)	60% of target LTI award	Performance vesting criteria Directly linked to long-term, absolute and relative performance and share price	Vice-presidents and above	Vest after three years based on performance	Cameco shares purchased on the market, or in cash	Motivates executives to create shareholder value that can be sustained over a longer period on both an absolute and relative basis Non-dilutive
RSUs (page 79)	40% of target LTI award, effective with 2020 grants	Ties a portion of future compensation to the longer-term performance of our shares	Vice-presidents and above	Three-year term, with vesting at the end of three years	Cameco shares purchased on the open market, or in cash	Motivates executives to increase shareholder value Non-dilutive
Stock options (page 79)	No longer part of LTI program starting in 2020	Ties a portion of future compensation to the long-term performance of our shares	Vice-presidents and above	Vest over three years, expire after eight years	Option to buy Cameco shares issued from treasury at the exercise price	Motivates executives to increase shareholder value

LTI grants are awarded every year on the first business day in March after we publicly disclose our results for the previous fiscal year. If we impose a trading blackout period that includes the first business day in March, we will make the grants on the next trading day after the blackout period has ended. The board can grant special LTI awards at other times during the year if required for promotions, new hires or to address specific business issues. PSUs and RSUs earn dividend equivalents in the form of additional units. The dividends vest in proportion to the underlying security and are paid out when the award is settled.

Performance share unit plan

Each PSU granted under the PSU plan represents an opportunity for an executive to receive a Cameco common share purchased on the open market at the end of the three-year performance period (or the cash equivalent of those common shares, at the named executive's election, once share ownership requirements have been met).

Setting PSU performance measures

PSUs are based on absolute and relative performance so management maintains a balanced, longer-term focus on delivering shareholder value. The human resources and compensation committee reviews the PSU performance measures and multipliers every year and recommends them to the board for approval. The performance measures and multipliers are challenging and determined at the time PSU grants are awarded.

As disclosed under *2020 Program changes* of our 2020 proxy circular, we eliminated TSR as one of the performance criteria under the plan. For PSU awards starting in 2020, we use two equally weighted measures for absolute and relative performance to ensure that management maintains a balanced focus on delivering shareholder value over the long term.

The table on the next page shows the measures and weightings for our 2020 PSU grants for the 2020 to 2022 performance period.

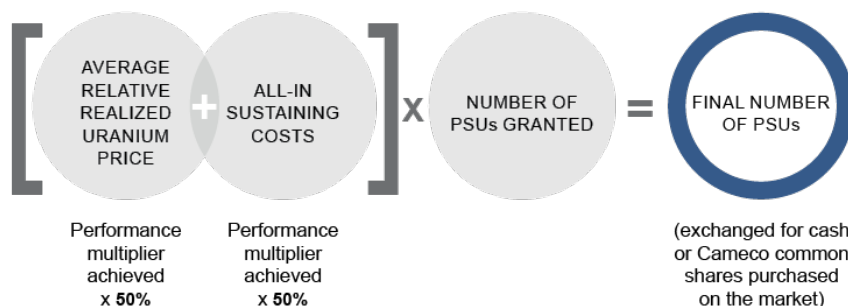
Measure	Weighting	Description	What it measures
Average relative realized uranium price 0 to 150%	50%	Achieve an average realized price for uranium sales for a three-year period that exceeds the weighted average price for sales in two independent industry benchmarks for the same period: <ul style="list-style-type: none"> EIA (US energy information administration) price for sales in the US ESA (Euratom supply agency) price for sales in Europe. The payout at the end of the three-year period is based on 2019, 2020 and 2021 sales due to timing of when pricing information is available.	Measures performance relative to our competitors. Consistently achieving higher prices than our competitors is a stretch target because uranium is a fungible product and we need to distinguish our uranium from our competitors to achieve a premium price. We use these pricing indicators because they are publicly available and set by independent third parties.
All-in sustaining cash cost (AISC)¹ 0 to 150%	50%	Achieve three-year cumulative cost reductions while safely achieving steady production at the Saskatchewan tier-one operations in the three-year period from 2020 to 2022.	Measures absolute performance and ties directly to our strategic plan.
PERFORMANCE MULTIPLIER Maximum of 150%		The overall performance factor is the sum of the two equally weighted measures above.	
INITIAL PSU GRANT		Notional units awarded at the beginning of the three-year performance period.	
PSU PAYOUT		Payout amount is the initial number of PSUs granted, plus dividend equivalents, multiplied by the PSU performance multiplier, exchanged for the equivalent number of Cameco common shares or the cash equivalent of those common shares, after deducting applicable withholding taxes.	

1. Cash outlay to sustain the operation of the site. It does not include growth capital or royalties. This information is prepared as part of each site's annual three-year business and budget plan and is incorporated in the monthly financial report for each site.

Measuring performance and determining the performance multiplier

The formula below shows how the final number of PSUs are calculated when the units vest to arrive at a payout for executives. The performance multiplier for each measure depends on our performance against that measure and is the sum of the two equally weighted measures.

We must achieve threshold performance on either measure in order to achieve the minimum performance multiplier of 50%. For performance between threshold and maximum, the performance multiplier for that measure is based on a straight-line interpolation. Performance is capped at 150% for maximum performance.



* Number of PSUs granted means the number granted plus the earned dividend equivalents.

Restricted share unit plan

RSUs align with our share price over a longer-term horizon, are a common form of LTI in our comparator group, and provide retention value. Each RSU represents one notional common share and the opportunity to receive a Cameco common share purchased on the open market at the end of the three-year vesting period based on our share price, or the cash equivalent of those common shares.

We started awarding RSUs as part of the LTI mix in 2020. Prior to 2020, the board awarded RSUs from time to time to senior management, mainly as a targeted retention tool. RSUs are granted annually on March 1st (or the first business/trading date following March 1st) and vest three years from the grant date.

Stock option plan

As disclosed in our 2020 proxy circular under *2020 Program changes*, the board discontinued awarding stock options as part of the LTI compensation mix starting with the 2020 LTI awards.

Pension

Pensions are an integral part of total compensation and a cost-effective and important benefit for attracting and retaining executives and other employees. Executives participate in a registered base plan and a supplemental program.

Registered base plan – We have a registered defined contribution plan for eligible employees. All of the named executives participate in our defined contribution plan. We contribute 13% of the named executive's pensionable earnings to the defined contribution plan every two weeks up to the annual maximum allowed by the Canada Revenue Agency, which was \$27,830 in 2020.

Supplemental program – This non-contributory supplemental defined benefit retirement plan is designed to attract and retain talented executives over the longer term. It provides a retirement income that is commensurate with the executive's salary and offsets the registered pension plan limits under the *Income Tax Act* (Canada).

All of our Canadian-based management at the vice-president level and above participate in the supplemental retirement plan (see the *Pension benefits* section on page 97 for more information).

Benefits

Group benefits – We provide group benefits to all our employees. The named executives participate in an enhanced program and receive coverage similar to those offered by companies in our comparator group. These benefits include life insurance, long-term disability insurance, extended health care, dental care and emergency medical coverage.

Perquisites – Our named executives also receive additional benefits as part of their total compensation, similar to those offered by companies in our comparator group. These include a financial and tax planning allowance, a vehicle allowance, an executive medical plan, additional life insurance and salary protection in the event of short-term disability.

2020 Performance and decisions

Cameco's performance in 2020 was solid despite unprecedented volatility due to COVID-19. Despite the global pandemic and market challenges, Cameco was able to meet or exceed four of our six STI measures for corporate performance. Cameco's performance was also strong on all three PSU measures that measured performance from 2018 through 2020. Cameco achieved a solid relative realized uranium sales price, lower AISC from the three Saskatchewan tier-one operations and a strong three-year TSR (69th percentile) relative to the TSX 60.

Challenges created by the COVID-19 pandemic affected every aspect of the company, and Cameco's management team took proactive measures to protect the health and well-being of Cameco's workers, their families and their communities. Deliberate decisions were made to protect Cameco's workers and to help slow down the spread of the COVID-19 virus. Management also implemented several strategic initiatives to strengthen the company for the future, including investing in Cameco's digital transition program at McArthur River and Key Lake as well as other key areas of the company. This investment in digital technologies is expected to lower operating costs and provide operational flexibility in the future. Consistent with its conservative financial management, Cameco also took advantage of favourable debt capital markets and further strengthened its balance sheet by accelerating the redemption of \$400 million in debt bearing interest of 3.75% per annum and maturing in 2022, and issuing debentures for an equivalent amount, securing a record-low coupon rate for Cameco of 2.95% per annum and resetting the maturity date to 2027.

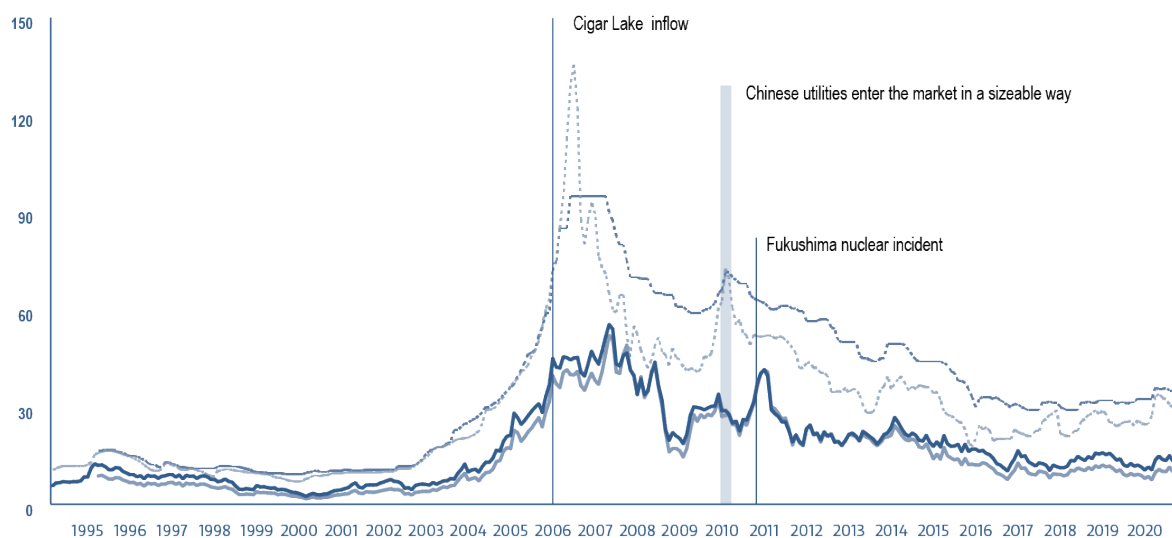
Market context¹

Like other commodities, the uranium industry is cyclical. History demonstrates that in general, when prices are rising and high, uranium is perceived as scarce, and a lot of contracting activity takes place. The heavy contracting that takes place during price runs drives investment in higher-cost sources of production. Once that production is in the market, it tends to stay in the market longer than is economically rational, creating the perception that uranium is abundant and always will be, and prices decline. When prices are declining and low, like we saw over the past decade, there is no perceived urgency to contract, and contracting activity and investment in new supply drops off. After years of low investment in supply, as has been the case for several years now, security of supply tends to overtake price concerns, and utilities re-enter the long-term market to ensure they have the reliable supply of uranium they need to run their reactors.

There have been three significant events that have changed sentiment in the market and impacted uranium prices in the past two decades. The first was a supply event in 2006 when our Cigar Lake mine flooded, putting at risk 18 million pounds of future annual supply. The second event was a demand shock in 2010 as Chinese utilities entered the market in a sizeable way, signing long-term uranium contracts with multiple suppliers to fuel their growing nuclear fleet. The third change in sentiment occurred in March 2011, when the events at the Fukushima nuclear power plants in Japan halted and reversed the upward price trend. As Japan idled its reactor fleet and acceptance of nuclear energy declined in certain countries, the uranium market entered a period of fundamental over-supply.

¹ This discussion of market context contains forward-looking information and is based upon the assumptions and subject to the material risks described at pages 2 through 4 of our 2020 MD&A. Actual outcomes for future periods may be significantly different.

Market Context



		2000	2005	2010	2015	2020
Cameco share price	TSX (CDN\$)	\$ 4.37	\$ 36.90	\$ 40.30	\$ 17.07	\$ 17.05
	NYSE (US\$)	\$ 2.92	\$ 31.70	\$ 40.38	\$ 12.33	\$ 13.40
U ₃ O ₈ price	Long-Term	\$ 9.25	\$ 36.13	\$ 66.00	\$ 44.00	\$ 35.00
	Spot	\$ 7.10	\$ 36.38	\$ 62.25	\$ 34.23	\$ 30.20

The demand gap left by forced and premature nuclear reactor shutdowns since March of 2011 was filled in 2018. According to the International Atomic Energy Agency there are currently 443 reactors operating globally and 52 reactors under construction. With a number of reactor construction projects recently approved, and many more planned, the demand for uranium is growing. This growth is largely occurring in Asia and the Middle East. Some of this growth is tempered by early reactor retirements, plans for reduced reliance on nuclear, or phase-out policies in other regions. In addition, the COVID-19 pandemic is expected to have a negative impact on global energy demand in the near term. However, there is growing focus on electrification and an increasing recognition of the role nuclear power must play in providing safe, reliable, affordable carbon-free baseload electricity and achieving a low-carbon economy. Momentum is also building for non-traditional commercial uses of nuclear power such as development of small modular reactors and advanced reactors, with numerous companies and countries pursuing projects.

In 2020, low uranium prices, government-driven trade policies, and the COVID-19 pandemic impacted the security of supply in our industry. In addition to the decisions many producers, including the lowest-cost producers, have made to preserve long-term value by leaving uranium in the ground, there were a number of unplanned supply disruptions related to the impact of the COVID-19 pandemic on uranium mining and processing activities. The duration and extent of these disruptions are still not fully known. As a result, there was significant demand from producers – including Cameco – in the spot market to cover both the planned and unplanned reductions in primary supply. The uranium spot price increased by more than 35% following announcement of the initial supply disruptions due to the COVID-19 pandemic in March and April, reaching a high of about \$34 (US) per pound in 2020. The average uranium spot price ended the year at \$30.20 per pound (US) more than 20% higher than the average uranium spot price at the end of 2019.

In contrast, long-term contracting was significantly reduced compared to 2019 as utilities focused on ensuring the safety of their employees and keeping their nuclear plants running to support the critical infrastructure needed throughout the pandemic. In addition, market access and trade policy issues continued to affect the market in 2020. These issues created uncertainty and consumed a significant amount of time and focus from utilities during the year. The volume of uranium executed under long-term contracts was well below annual

consumption levels, accelerating the inventory destocking that was already underway in the industry and adding to the growing wedge of uncovered requirement that we believe will need to be filled at a time when the availability of sufficient supply is not guaranteed.

In the current environment, we believe the risk to uranium supply is greater than the risk to uranium demand and expect it will create a renewed focus on ensuring availability of long-term supply to fuel nuclear reactors. Over time, we expect a renewed focus on security of supply will provide the market signals producers need and we have growing confidence that the uranium market will undergo the same transition that is occurring in the conversion and enrichment markets. Until this transition occurs, we are taking the steps and incurring the costs that we believe will allow us to restart our tier-one assets with more flexibility in the production rate, to eliminate the care and maintenance costs incurred while our tier-one production is suspended and to benefit from the favourable life-of-mine economics our assets provide. Throughout, we will continue to focus on delivering our products responsibly and addressing the ESG risks and opportunities that we believe will make our business sustainable and will build long-term value.

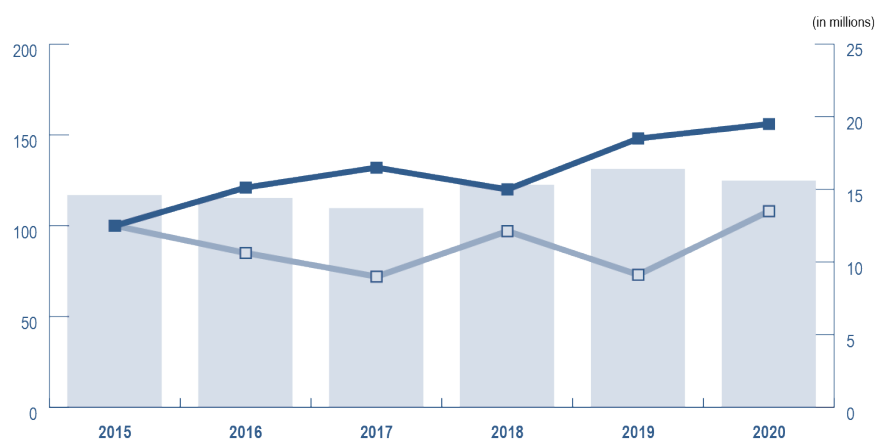
At the end of 2020, our share price was up about 48% compared to the end of 2019. We believe this increase reflects the improvement in the uranium price during 2020, the improving long-term fundamentals for nuclear power, the recognition that the availability of future uranium supply to meet growing demand is uncertain, and the reallocation of capital that is creating opportunities for those companies who can assist with the transition to a low-carbon economy sustainably and profitably. Since 100% of our products go to producing clean, carbon-free electricity, we are a growing part of the solution to the clean-air and climate change crisis.

Share performance and executive compensation

The graph below compares our TSR to the return of the S&P/TSX Composite Total Return Index for the past five years, assuming an initial \$100 investment at the end of 2015 and reinvestment of dividends over the period.

The graph also compares our TSR to the total compensation of our named executives. The reported compensation reflects the named executives' compensation from the summary compensation table in our previous management proxy circulars. Where there were changes in named executives, we used the officers in place at the end of the year. For the most part, executive compensation decreases as the TSR decreases and increases as the TSR increases. See the lookback table in the *CEO compensation summary* section on page 90 for information about how the CEO's realized and realizable compensation relates to shareholder return.

Share Performance and Executive Compensation



□ Cameco TSR	\$100	\$85	\$72	\$97	\$73	\$108
■ TSX Composite Total Return Index	\$100	\$121	\$132	\$120	\$148	\$156
■ Named executives reported compensation	\$14,617,837	\$14,446,905	\$13,745,821	\$15,289,074	\$16,394,338	\$15,622,429

Base salary

The CEO, upon his request, did not receive a salary increase in 2020. The chief operating officer received a 5% salary increase and the other named executives received 3% salary increases for 2020 to position their pay around the market median.

Short-term incentive (STI) results and scorecard

Corporate performance was assessed at 100% for 2020, reflecting solid company performance. Proactive decisions made in 2020 resulted in unplanned costs related to COVID-19, including costs associated with placing operations in care and maintenance, enhancing safety measures and purchasing safety equipment, purchasing additional pounds of uranium to cover the temporary supply curtailments and accelerating the redemption of \$400 million in debt maturing in 2022 and issuing debentures for an equivalent amount, securing a record-low coupon rate for Cameco and extending the maturity to 2027. In measuring performance, the board considered the treatment of these unplanned COVID-19 related costs in determining the level of achievement of the adjusted net earnings and cash flow from operations for purposes of the STI results and capped financial performance results below target by not allowing all these additional costs to be excluded. At the same time, the board excluded the benefits received from the Canadian emergency wage subsidy (CEWS) and savings achieved through reduced travel and project costs to ensure that the specific and direct impacts of COVID-19 were adjusted from our financial results in a fair, balanced and symmetrical way. These adjustments supported a short-term incentive payout at target, which the board believes is reasonable considering the challenges faced in the business and community in this extraordinary year.

Despite the disruption of the COVID-19 pandemic on the company's operations, Cameco continued to improve its safety performance, recorded the best safety performance in its history for the third consecutive year, and recorded no lost-time injuries in 2020. The company also met all environmental performance targets which were focused on mitigating specific risks in each area of Cameco's operations.

As part of Cameco's strategic initiative to move towards digital transition and to ensure that we have the digitally skilled workforce to meet our future operational needs, we targeted programs to enhance digital skills development for Residents of Saskatchewan's North (RSNs). The target was exceeded in 2020, setting the foundation for further skills development work and supporting Cameco's ongoing efforts to maintain its strong Indigenous employment record and important relationships with Northern and Indigenous communities in Saskatchewan.

Detailed STI performance results and weightings are reported in the STI scorecard below. Threshold performance provides a 50% payout on that measure, while performance at target produces a 100% payout, and maximum performance provides a 200% payout. There is no payout if performance is below threshold. We have a 200% cap on payouts for performance above the maximum to mitigate excessive risk-taking.

2020 STI scorecard

Measure	Threshold	Target	Maximum	Actual performance	Performance	Weighting	Multiplier
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OUTSTANDING FINANCIAL PERFORMANCE (50% weighting)

Achieve targeted adjusted net earnings.	(\$73)	(\$61)	\$0	Adjusted net earnings were a loss of \$62.8 million ¹ , resulting in a payout of 92.5%.	92.5% x	25% =	23.1
Achieve targeted cash flow from operations (before working capital changes).	\$219	\$274	\$329	Cash flow from operations (before working capital changes) was \$265.8 million ¹ .	92.5% x	25% =	23.1

(\$ millions)

SAFE, HEALTHY AND REWARDING WORKPLACE (20% weighting)

If a fatality or permanent disability were to occur, the entire safety performance would default to 0%.

Leading Indicators - strive to complete corrective actions on time and increase the number of JTOs (job task observations) completed.	80.0%	95% to 105%	120.0%	The completion rate of job task observations was 101% and corrective actions were completed on time 91% of the time. This combined target was within target range performance.	100.0% x	10% =	10.0
Strive for no injuries at all Cameco-operated sites and maintain a long-term downward trend in combined employee and contractor radiation doses, and injury frequency and severity (measured by TRIR ²).	2.0	1.27 (.78 to 1.76 target range)	0.54	We achieved our target performance for safety with TRIR ² of 1.67, which was 3% better than 2019. There were no significant safety incidents in 2020.	100.0% x	10% =	10.0

2020 STI scorecard

Measure	Threshold	Target	Maximum	Actual performance	Performance	Weighting	Multiplier
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SUPPORTIVE COMMUNITIES (15% weighting)

Develop the skillset of our RSN workforce in 2020 for future operational needs in the digital landscape with threshold, target and maximum markers.	Identifying, understanding and prioritizing the skillset and competencies required	Fully developing a recruitment / training program for a prioritized digital skillset with support from northern stakeholders	Identifying RSN candidates from northern communities to enter a digital skillset training program	Target performance was met, and recruitment began for candidates to enter the skillset training program.	125.0%	x 15% =	18.8
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CLEAN ENVIRONMENT (15% weighting)

If an incident occurs that results in moderate or significant environmental impacts or current and future remediation costs of greater than or equal to \$1 million or which has a reasonable potential to result in significant negative impact on the company's reputation with our major stakeholders, the payout would default to 0%.

Improve environmental performance in significant environmental aspects by achieving divisional targets.	80%	95% to 105%	120%	Environmental performance was within the target performance range. There were no significant environmental incidents in 2020.	100.0%	x 15% =	15.0
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2020 CORPORATE PERFORMANCE MULTIPLIER

100%

1. We use *adjusted net earnings* and *cash flow provided by operations* (before working capital changes) as a more meaningful way to compare our financial performance from period to period. These measures do not have a standardized meaning or a consistent basis of calculation under IFRS, and they should not be considered in isolation or as a substitute for financial information prepared in accordance with IFRS. Other companies may calculate these measures differently. The *adjusted net earnings* and *cash flow provided by operations* amounts in the 2020 STI scorecard above are different than what are reported in our 2020 annual management discussion and analysis (2020 MD&A). As reported in further detail on page 35 of our 2020 MD&A, *adjusted net earnings* starts with reported net earnings attributable to equity holders and is then decreased by a net \$13 million to exclude the effect of adjustments on derivatives, reclamation provision adjustments, and income tax adjustments. For compensation purposes, *adjusted net earnings* as reported in our 2020 MD&A is further adjusted for variances in foreign exchange rates as compared to budget. To calculate *cash flow from operations* (before working capital changes), we start with cash provided by continuing operations as reported on page 34 of our 2020 MD&A and remove the impact of working capital changes of \$193 million, then we further adjust for variances in foreign exchange rates as compared to budget. For 2020, both adjusted net earnings and cash flow from operations (before working capital changes) were further adjusted for certain unexpected costs related to the protection of our workforce during the COVID-19 pandemic and to exclude the benefits received from CEWS and savings achieved through reduced travel and project costs.

2. The total recordable incident rate (TRIR) is an Occupational Safety and Health Administration (OSHA) safety metric that was adopted by the company to continue to drive improvements in safety performance. TRIR is a measure of the rate of "recordable" workplace injuries. Examples of "recordable injuries" are a medical treatment (other than first aid), restricted work, lost-time and other specific injuries such as 10 decibel hearing loss, loss of consciousness and broken bone.

Individual performance results

CEO individual performance was assessed against the following core measures set for 2020, similar to those set in previous years:

Key operating results	}	The committee can also add any other performance measures it deems appropriate
Strategic change initiatives		
Leadership effectiveness		

In developing its recommendation for the board, the committee assessed overall CEO performance using these measures as well as corporate performance, implementation of our strategy to achieve shareholder value, the recommendations from the independent compensation consultant, feedback from board members, and the CEO's own self-assessment.

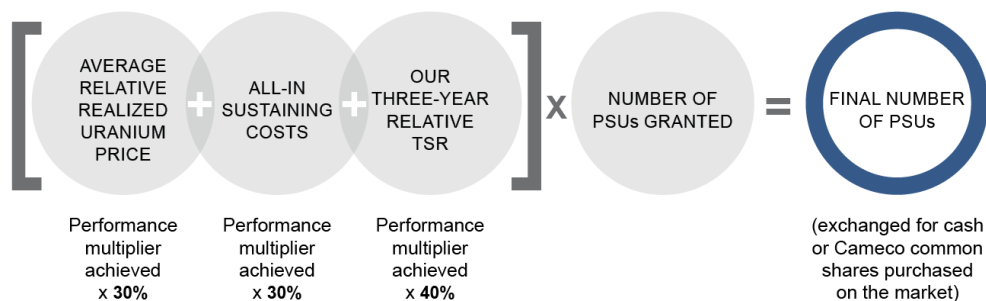
The board discussed the results of the CEO assessment and considered the committee's recommendation during an *in camera* session without management present before approving the CEO's 2020 STI award. The board's decision to approve a payout to the CEO on individual performance that was above target was based on Tim's strong leadership, strategic initiatives and significant performance results achieved during 2020.

For each of the senior vice-presidents, the CEO provided a detailed assessment of their performance, particular achievements and leadership. The committee considered these assessments in light of the key operating results for 2020 and approved the CEO's recommended performance assessments for each of the senior vice-presidents, including the named executives.

STI awards for all named executives are reported in the *Summary compensation table* on page 92.

PSU results and scorecard

The PSU portion of the long-term incentive plan is performance based. For the 2018 PSU grants, corporate performance was assessed at 143.6% for the 2018 to 2020 performance period using the formula below.



* Number of PSUs granted means the number granted plus the earned dividend equivalents.

The PSU scorecard on the next page shows PSU performance multipliers, as well as the threshold, target and maximum for each objective and our results against the three performance measures under the plan at the end of the performance period. Payout formulas have been established for each performance measure, taking into account different levels of threshold performance to determine the performance multiplier, and to cap payouts to eliminate excessive risk-taking.

Due to the COVID-19 pandemic, Cigar Lake was in care and maintenance for a significant portion of 2020. As a result, the costs for 2020 were lower than anticipated and not readily comparable to the three-year AISC measure. Actual 2020 AISC were much lower than budgeted 2020 AISC, which would have resulted in performance at the maximum level for this measure. Instead of applying this above target factor, we analyzed the actual production volume and costs achieved and added these to the budget plan for the months that the site was in care and maintenance. This estimate, combined with the actual care and maintenance costs at McArthur River and Key Lake, resulted in an AISC result for 2020 that was about 4% better than target. The board and the human resources and compensation committee subsequently decided to cap the 2020 AISC performance at target (100%) to reduce the incentive while Cigar Lake was in care and maintenance.

2018 PSU scorecard

Measure	Threshold	Target	Maximum	Actual performance	Performance multiplier	Weighting
<p>Average realized uranium price</p> <p>Achieve an average realized price for uranium sales for a three-year period that exceeds the weighted average price for sales in two industry benchmarks for the same period – the EIA price for sales in the US and the ESA price for sales in Europe.</p> <p>The 2018 grant is based on 2017, 2018 and 2019 sales due to timing of when pricing information is available.</p>	80% of targeted price	100% of targeted price	At or above 120% of targeted price	Achieved an average realized price for uranium sales of \$35.70 (US), which is nearly at target of the weighted average price for sales in two industry benchmarks for the same period.		
	\$28.78	\$35.84	\$43.01	\$35.70 achievement	99% x 30% =	29.7
<p>All-in sustaining cash cost</p> <p>Achieve all-in sustaining cash cost of \$605 million in the three-year period 2018 to 2020 from our Saskatchewan tier one operations.</p> <p>(\$ millions)</p>	\$666	\$605	\$545	Achieved all-in sustaining cash cost of \$555.1 million from the identified operations for the three-year period 2018 to 2020. The board used its discretion to cap 2020 performance at 100%.		
	\$666	\$605	\$545	\$555.1 achievement	145% x 30% =	43.5
<p>Three-year average total shareholder return (TSR)</p> <p>Achieve three-year average TSR that is the median of the three-year average TSR achieved by companies in the TSX 60 in effect at the time.</p> <p>We define TSR as the change in price of a Cameco common share, including reinvestment of dividends, on the TSX for the three-year period 2018 to 2020.</p>	At the 25 th percentile	At the 50th percentile	At or above the 75 th percentile	Three-year average TSR was at the 69 th percentile of the TSX 60 for the three-year vesting period from 2018 to 2020.		
	P25	P50	P75	P69 achievement	176% x 40% =	70.4
<p>PSU PERFORMANCE MULTIPLIER Sum of the three weighted multipliers</p>						143.6%

Set out below is a table that provides additional detail about formula for arriving at the performance multiplier for the 2018 PSU grants.

Performance measures (and weighting)	Threshold performance	If we achieve:	Then the performance multiplier is:
Average realized uranium price (30%)	80% of our target of 100%	Less than 80% of the corresponding target price	0%
		80 to 120% of the corresponding target price	50 to 150% (in a straight-line interpolation)
		More than 120% of the corresponding target price	150%
All-in sustaining cash cost (30%)	\$666 million over a three-year period (target is \$605 million)	More than \$666 million	0%
		\$545 million to \$666 million	50 to 150% (in a straight-line interpolation)
		Less than \$545 million	150%
Our three-year average TSR (40%)	25 th percentile (target is the 50 th percentile)	Below the 25 th percentile of TSX 60	0%
		From the 25 th to the 50 th percentile	50 to 100% (in a straight-line interpolation with 100% at the 50 th percentile)
		50 th percentile	100%
		50 th to 75 th percentile	100 to 200% (in a straight-line interpolation)
		Higher than the 75 th percentile	200%

2018 PSU payouts

The 2018 PSU payout amount includes the initial number of PSUs granted in 2018, plus the earned dividend equivalents on those granted PSUs, multiplied by the PSU performance multiplier of 143.6%.

The table below shows the calculation of the payout of the 2018 PSUs. Payouts will be made to each named executive on or about March 1, 2021 based on \$20.2680, the actual average purchase price of our common shares purchased on the TSX on behalf of the named executives on or about March 1, 2021.

Name	2018 PSU award plus dividend equivalents (# of units ¹)	(Multiplier x Weighting)			Value of total 2018 PSU payout (\$)
		Average realized uranium price	All-in sustaining cash cost	Our three-year average TSR	
Tim Gitzel	196,003				5,704,631
Grant Isaac	74,092				2,156,434
Brian Reilly	53,460	x (99% x 30%	+ 145% x 30%	+ 176% x 40%) =	1,555,954
Alice Wong	47,921				1,394,742
Sean Quinn	46,345				1,348,896

1. Rounded to the nearest whole number. Actual payouts are calculated using the precise fractional number.

By comparison, the 2016 and 2017 PSU grants awarded to the named executives vested below target as shown below, highlighting the at-risk nature of this LTI component and link between pay and performance.

PSUs awarded in	Vested as a % of target	Paid out (in shares or cash), after deducting withholding taxes
2018	143.6%	March 2021
2017	71.6%	March 2020
2016	61.1%	March 2019



Tim Gitzel,
President and CEO

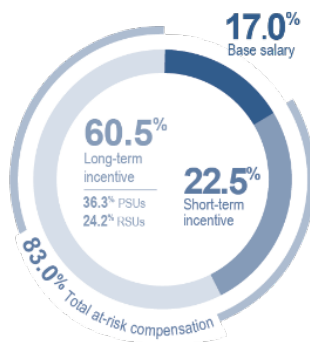
CEO compensation summary

Tim Gitzel is responsible for our overall leadership, vision, and strategic direction. This includes overall responsibility for operating our business while managing risk to create long-term sustainable value for our shareholders.

2020 Key results

- Provided strong, visible and transparent leadership as the COVID-19 pandemic evolved and took actions to continually address the changes needed throughout the company.
- Executed on initiatives to preserve the value of Cameco's assets and increase long-term shareholder value by continuing the suspension of production at McArthur River and Key Lake, continuing efforts to decrease general and administrative costs, and focusing on improving efficiency across the organization including investing in a digital transition program that will improve efficiency, lower operating costs and provide operational flexibility across Cameco.
- Maintained a strong cash position and further strengthened Cameco's balance sheet accelerating the redemption of \$400 million in debt maturing in 2022 and issuing debentures for an equivalent amount, securing a record-low coupon rate for Cameco of 2.95% per annum and resetting the maturity date to 2027.
- Delivered the best safety performance in the history of the company.
- Maintained strong community relationships in northern Saskatchewan by finding new ways to support people and businesses there to ensure that Cameco will continue to be a leading industrial employer of Indigenous people.

2020 Pay Mix



CEO compensation

- Tim's target short-term incentive award for 2020 is 120% of his base salary and is based 80% on corporate performance and 20% on individual performance. Our corporate performance score of 100% of target resulted in a short-term incentive award that amounts to 132% of Tim's base salary.
- Tim received a long-term incentive award at target (valued at 355% of his 2020 base salary).
- Both incentive awards are at-risk compensation – the long-term incentive award is based on both performance and share price.

Compensation (as at December 31)	Three-year average	2020	2019	2018
Fixed				
Base salary	\$ 1,048,933	\$ 1,060,900	\$ 1,060,900	\$ 1,025,000
At-risk compensation				
Short term incentive	\$ 1,630,000	\$ 1,400,000	\$ 1,706,000	\$ 1,784,000
Long term incentive				
PSUs	\$ 2,234,303	\$ 2,259,887	\$ 2,259,960	\$ 2,183,062
RSUs/Options	\$ 1,489,430	\$ 1,506,398	\$ 1,506,438	\$ 1,455,454
Total direct compensation	\$ 6,402,666	\$ 6,227,185	\$ 6,533,298	\$ 6,447,516

CEO realized and realizable pay

A significant component of CEO compensation consists of long-term incentives which are designed to focus the CEO on Cameco's long-term success. These incentives are directly affected by the performance of Cameco shares among other things. As president and CEO, Tim receives over 60% of his compensation on a deferred basis as long-term incentives. This is performance and equity-based, at-risk compensation. The next table looks back at total direct CEO compensation during the last five years and compares it to the return on a shareholder's investment. The analysis is based on the return of a \$100 investment by a shareholder at the start of a period, and the reinvestment of dividends over the period, compared to \$100 of total direct compensation for the CEO for each year. The chart illustrates Cameco's strong track record of aligning CEO pay to Cameco's performance. In each year, the current value of \$100 invested by a shareholder exceeds the current value of \$100 in compensation awarded to Cameco's CEO.

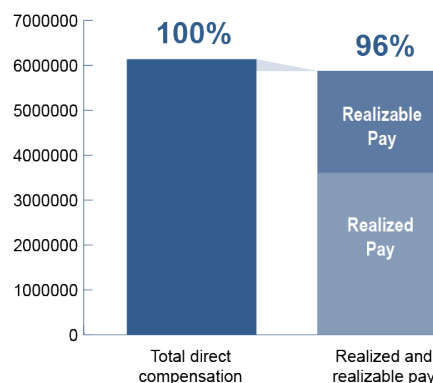
	Total direct compensation	Realized pay ¹	Realizable pay ²	Current value (realized pay + realizable pay)	Performance period		Value of \$100	
					From	To	CEO	Shareholder
2016	\$ 5,514,934	\$ 3,121,306	\$ 270,881	\$ 3,392,187	Dec 31, 2015		\$ 62	\$ 108
2017	\$ 5,955,525	\$ 3,518,774	\$ 1,021,075	\$ 4,539,849	Dec 31, 2016		\$ 76	\$ 128
2018	\$ 6,447,516	\$ 6,729,631	\$ 902,572	\$ 7,632,203	Dec 31, 2017	Dec 31, 2020	\$ 118	\$ 150
2019	\$ 6,533,298	\$ 2,766,900	\$ 3,042,154	\$ 5,809,054	Dec 31, 2018		\$ 89	\$ 111
2020	\$ 6,227,185	\$ 2,460,900	\$ 5,557,107	\$ 8,018,007	Dec 31, 2019		\$ 129	\$ 148

1. Includes salary, short-term incentive payout, PSU payout, if any, and value realized from exercised stock options, if any.

2. Includes realizable value of stock options that are in-the-money and, where applicable, the market value of unvested PSUs including earned dividend equivalents (assuming PSUs vest at target).

Lookback

The chart to the right shows the impact of at-risk pay and the effect that performance and share price have on realized and realizable pay. We show Tim's five-year average total direct compensation as set out above, compared to his average realized and realizable pay, also as set out in the above table. Realizable pay continues to be at risk.



Share ownership

Tim exceeds his share ownership requirement. He is required to own 4x his base salary in Cameco shares to align with shareholder interests, and the value of his shares and qualifying PSUs is over 9x his base salary. The table below shows Tim's share ownership as of December 31, 2020. The value of share ownership is based on the year-end closing price of Cameco common shares on the TSX of \$17.05 or the acquisition price (grant date value) of his shares or PSUs, whichever is higher. For additional details about share ownership see the *Share ownership requirements* section on page 71.

Base salary	Multiple required	Target value of share ownership (\$)	Cameco shares		Qualifying PSUs and RSUs		Market value of share ownership (shares, RSUs and qualifying PSUs) (\$)
			Number held (#)	Value (\$)	Number held (#)	Value (\$)	
1,060,900	4 x	4,243,600	370,035	6,309,097	203,278	3,465,890	9,774,987

2021 Compensation decisions

Base salary

Over the last number of years, Cameco has made tough but necessary business decisions to preserve its tier-one assets and to reduce operating and general administrative expenses. The CEO recommended that the named executives not receive salary increases for 2021.

Short-term incentive (STI)

The STI plan will continue to use a balanced scorecard approach that supports Cameco's four measures of success. The plan emphasizes strong financial performance with 50% of the STI plan based on achievement of financial results.

Long-term incentive (LTI)

LTI grants awarded to executives in early 2021 were benchmarked at the median of the comparator group and were based on a percentage of base salary (see page 76 for details about each position). For 2021, the board increased the LTI target for the CEO from 355% to 365% to recognize his experience and high performance.

LTI awards consisting of 60% PSUs and 40% RSUs were granted to the named executives on March 1, 2021 as follows:

- PSUs vest at the end of a three-year period based on our performance against the following criteria: our average realized uranium price relative to industry benchmarks (50%) and an operational target that includes all-in sustaining cash costs and the advancement of our critical projects (50%)
- RSUs vest at the end of a three-year period.

Name	PSUs			RSUs		
	Number granted ¹	Value of grant ¹ (\$)	Date when performance period ends	Number granted	Value of grant ² (\$)	Vesting date
Tim Gitzel	116,350	2,323,510	12/31/2023	77,550	1,548,674	03/01/2024
Grant Isaac	44,050	879,679	12/31/2023	29,350	586,120	03/01/2024
Brian Reilly	33,950	677,982	12/31/2023	22,650	452,321	03/01/2024
Alice Wong	28,500	569,145	12/31/2023	19,000	379,430	03/01/2024
Sean Quinn	27,550	550,174	12/31/2023	18,350	366,450	03/01/2024

1. *PSUs granted*

The number of PSUs reflects 100% of the original number of PSUs granted and has not been adjusted to reflect performance. PSUs accumulate dividends during the vesting period. The actual number of PSUs earned can vary from 0 to 150% of the original number granted based on corporate performance.

2. *Value of PSUs and RSUs granted*

The values represent the number of PSUs and RSUs granted to each named executive, multiplied by \$19.97, the closing price of Cameco shares on the TSX on the trading day immediately before the grant.

2020 Compensation details

Summary compensation table

The table below shows the compensation awarded to the named executives in 2020 and the previous two years.

Name and principal position	Year	Salary ¹	Share-based awards ²	Option based awards ³	Annual incentive plans ⁴	Pension value ⁵	All other compensation ⁶	Total compensation
Tim Gitzel President and Chief Executive Officer	2020	\$1,060,900	\$3,766,285	\$ –	\$1,400,000	\$315,000	–	\$6,542,185
	2019	\$1,060,900	\$2,259,960	\$1,506,438	\$1,706,000	\$491,500	–	\$7,024,798
	2018	\$1,025,000	\$2,183,062	\$1,455,454	\$1,784,000	\$318,300	–	\$6,765,816
Grant Isaac Senior Vice-President and Chief Financial Officer	2020	\$586,400	\$1,465,763	\$ –	\$511,000	\$297,900	–	\$2,861,063
	2019	\$569,300	\$853,593	\$569,427	\$606,000	\$247,500	–	\$2,845,820
	2018	\$550,000	\$825,228	\$549,934	\$598,000	\$186,300	–	\$2,709,462
Brian Reilly Senior Vice-President and Chief Operating Officer	2020	\$502,400	\$1,103,234	\$ –	\$409,000	\$311,200	–	\$2,325,834
	2019	\$478,500	\$645,921	\$430,763	\$476,000	\$311,000	–	\$2,342,184
	2018	\$441,000	\$595,432	\$396,858	\$448,000	\$509,400	–	\$2,390,690
Alice Wong Senior Vice-President and Chief Corporate Officer	2020	\$474,100	\$947,957	\$ –	\$336,000	\$216,800	–	\$1,974,857
	2019	\$460,300	\$552,011	\$368,131	\$398,000	\$218,700	–	\$1,997,142
	2018	\$444,700	\$533,738	\$355,740	\$387,000	\$(1,200)	–	\$1,719,978
Sean Quinn Senior Vice-President, Chief Legal Officer and Corporate Secretary	2020	\$458,500	\$917,190	\$ –	\$324,000	\$218,800	–	\$1,918,490
	2019	\$445,100	\$684,096	\$456,198	\$384,000	\$215,000	–	\$2,184,394
	2018	\$430,000	\$516,192	\$344,036	\$374,000	\$38,900	–	\$1,703,128

1. *Base salary*

Each amount reflects actual pay for the year. The CEO did not receive a salary increase in 2020.

2. *Share-based awards*

The 2020 amount reflects the grant date value of both the number PSUs and RSUs awarded with 60% allotted to PSUs and 40% allotted to RSUs (exact values for each were disclosed under *2020 Compensation decisions* in our 2020 proxy circular).

The 2018 and 2019 amounts reflect the grant date value of the number of PSUs granted, as set out in the table below, using the closing price of Cameco shares on the TSX on the day before the grant. The number of PSUs that the named executives will actually earn can vary from 0 to 150% of the PSUs granted (plus earned dividend equivalents), depending on performance. The grant date value of Sean Quinn's 2019 PSUs was increased by \$150,000 to recognize his significant leadership role in Cameco's legal dispute with the CRA.

PSUs	March 2, 2020	March 1, 2019	March 1, 2018
Tim Gitzel	194,650	148,000	192,850
Grant Isaac	75,750	55,900	72,900
Brian Reilly	58,400	42,300	52,600
Alice Wong	49,000	36,150	47,150
Sean Quinn	47,400	44,800	45,600
Grant value	\$11.61	\$15.27	\$11.32

For purposes of financial statement disclosure, the PSUs were valued at \$11.45 per unit for 2020, \$15.33 per unit for 2019, and \$11.43 per unit for 2018, using a Monte Carlo pricing model and the key assumptions set out in the table below. This model is considered the most appropriate way to value a plan with a relative market condition like total shareholder return. The total fair value of the PSUs is amortized into income over their three-year vesting period and the weighted average of the expected retirement dates of the named executives, whichever is lower. The non-market criteria relating to realized selling prices and all-in sustaining cash costs measures have been incorporated into the valuation at grant date by reviewing prior history and corporate budgets.

	Expected dividend (\$)	Expected volatility (%)	Risk-free rate (%)	Expected life (years)	Expected forfeitures (%)
March 2020	–	–	–	3.0	12.0
March 2019	–	37.8	1.8	3.0	12.0
March 2018	–	37.1	1.9	3.0	8.8

The table below shows the difference between the grant date value for compensation purposes and the grant date fair value used for purposes of financial statement disclosure.

PSU grant date	Grant date value for compensation purposes (\$)	Grant date fair value for financial statement disclosure (\$)	Difference per unit (\$)
March 2, 2020	11.61	11.45	0.16
March 1, 2019	15.27	15.33	(0.06)
March 1, 2018	11.32	11.43	(0.11)

We awarded the following RSUs to the named executives in 2020.

RSUs	March 2, 2020	Vesting date
Tim Gitzel	129,750	March 2, 2023
Grant Isaac	50,500	March 2, 2023
Brian Reilly	38,950	March 2, 2023
Alice Wong	32,650	March 2, 2023
Sean Quinn	31,600	March 2, 2023
Grant date value (per unit)	\$11.61	

For purposes of financial statement disclosure, the RSUs were valued at \$11.45 per unit using the closing price of Cameco shares on the TSX on March 2, 2020.

3. *Option-based awards*

These amounts reflect the grant date value of the actual number of options originally granted using the Black-Scholes option-pricing model and key assumptions determined by the compensation consultants and listed below.

The table below shows the number of options granted to the named executives over the last three years and the corresponding grant date valuations. No options were granted in 2020. The grant date value of Sean Quinn's 2019 option award was increased by \$100,000 to recognize his significant leadership role in Cameco's legal dispute with the CRA.

	March 2, 2020	March 1, 2019	March 1, 2018
Tim Gitzel	–	275,400	472,550
Grant Isaac	–	104,100	178,550
Brian Reilly	–	78,750	128,850
Alice Wong	–	67,300	115,500
Sean Quinn	–	83,400	111,700
Grant date valuation (per option)	\$ –	\$5.47	\$3.08

The human resources and compensation committee reviewed estimates of the value of the options on the grant dates that were prepared by Mercer (March 2019 and March 2018). It then recommended to the board the number of options to grant, which the board approved. The Black-Scholes option-pricing model and the following key assumptions were used:

	Dividend yield (%)	Volatility (%)	Risk-free rate (%)	Expected life (years)	Exercise price (\$)
March 2019	0.60	38.3	1.9	5.5	15.27
March 2018	2.90	37.2	1.9	5.5	11.32

As this approach may not be identical to that used by other companies and is sensitive to the assumptions used, the figures may not be directly comparable across companies, however a consistent approach has been used for compensation valuation purposes. The expected life assumption is based on Mercer's calculation of the expected life of Cameco options and options issued by companies in the comparator group in effect at the time. They calculate the expected life by adding the actual term (eight years) to the vesting period (three years) and dividing in half.

For purposes of financial statement disclosure, options were valued at \$4.92 (awarded in March 2019) and \$3.48 (awarded in March 2018) each on the date of the grant. For purposes of financial statement disclosure, the options were amortized over their three-year vesting period or the weighted average of the years to expected retirement of the named executives, whichever was lower. We used the Black-Scholes option-pricing model all three years and the following key assumptions:

	Dividend yield (%)	Volatility (%)	Risk-free rate (%)	Expected life (years)	Exercise price (\$)
March 2019	0.52	35.9	1.8	4.9	15.27
March 2018	0.71	34.8	2.0	4.8	11.32

These accounting value assumptions are different from the compensation value assumptions in the calculations above. The human resources and compensation committee uses the compensation valuation method and assumptions used in valuing compensation of companies in the comparator group to allow for a better comparison with market comparators.

The accounting value assumptions are based on our own internal research and past experience of how employees exercise their options. The table below shows the difference between the grant date value for compensation purposes and the accounting value assumptions used for purposes of financial statement disclosure.

Grant date	Grant date value for compensation purposes (\$)	Grant date fair value for financial statement disclosure (\$)	Difference per unit (\$)
March 1, 2019	5.47	4.92	0.55
March 1, 2018	3.08	3.48	(0.40)

4. *Annual incentive plans*

These amounts were earned in the fiscal year shown and were paid in the following fiscal year.

5. *Pension value*

The amounts for the named executives include company contributions under the registered defined contribution pension plan as applicable, plus the present value of the projected pension earned in each year for service credited under the supplemental executive pension program. The amount for each named executive is the *Compensatory change* reported in the table for *Executive pension value disclosure* on page 98.

6. *All other compensation*

This amount does not include perquisites and other personal benefits because they total less than \$50,000 and less than 10% of the annual salary for each of the named executives. Perquisites and benefits are valued at the cost to Cameco and include commissions to buy shares with PSU payouts, premiums on incremental life insurance and long-term disability, a financial and tax planning allowance, an executive medical plan and a vehicle allowance.

Incentive plan awards

The table below shows the total unexercised option and share awards granted to the named executives as of December 31, 2020. There were no option-based awards granted in 2020.

Name	Grant date	Option-based awards				Share-based awards			
		Number of securities underlying unexercised options	Option exercise price	Option expiry date	Value of unexercised in-the-money options	Number of shares or units of shares that have not vested	Market or payout value of share-based awards that have not vested ¹	Market or payout value of vested share-based awards not paid out or distributed	
Tim Gitzel	03/01/2013	187,500	\$22.00	02/28/2021	–				
	03/03/2014	155,200	\$26.81	03/02/2022	–				
	03/02/2015	284,500	\$19.30	03/01/2023	–				
	03/01/2016	404,300	\$16.38	02/29/2024	\$270,881				
	03/01/2017	434,500	\$14.70	02/28/2025	\$1,021,075				
	03/01/2018	157,517	\$11.32	02/28/2026	\$902,572		–	\$5,704,631	
	03/01/2019	275,400	\$15.27	02/28/2027	\$490,212	149,674	–		
	03/02/2020	–	–	–	–	325,930	2,222,672		
Total		1,623,517				\$2,194,528	475,604	\$2,222,672	\$5,704,631
Grant Isaac	03/01/2013	62,500	\$22.00	02/28/2021	–				
	03/03/2014	51,700	\$26.81	03/02/2022	–				
	03/02/2015	85,200	\$19.30	03/01/2023	–				
	03/01/2016	152,800	\$16.38	02/29/2024	\$102,376				
	03/01/2017	164,200	\$14.70	02/28/2025	\$385,870				
	03/01/2018	178,550	\$11.32	02/28/2026	\$1,023,092		–	\$2,156,434	
	03/01/2019	104,100	\$15.27	02/28/2027	\$185,298	56,532	–		
	03/02/2020	–	–	–	–	126,846	865,083		
Total		799,050				\$1,696,636	183,378	\$865,083	\$2,156,434
Brian Reilly	03/01/2013	13,410	\$22.00	02/28/2021	–				
	03/03/2014	11,095	\$26.81	03/02/2022	–				
	03/02/2015	18,192	\$19.30	03/01/2023	–				
	03/01/2016	25,310	\$16.38	02/29/2024	\$16,958				
	03/01/2017	25,790	\$14.70	02/28/2025	\$60,607				
	03/01/2018	128,850	\$11.32	02/28/2026	\$738,311		–	\$1,555,954	
	03/01/2019	78,750	\$15.27	02/28/2027	\$140,175	42,778	–		
	03/02/2020	–	–	–	–	97,809	667,235		
Total		301,397				\$956,051	140,588	\$667,235	\$1,555,954
Alice Wong	03/01/2013	41,700	\$22.00	02/28/2021	–				
	03/03/2014	34,500	\$26.81	03/02/2022	–				
	03/02/2015	56,800	\$19.30	03/01/2023	–				
	03/01/2016	98,800	\$16.38	02/29/2024	\$66,196				
	03/01/2017	106,200	\$14.70	02/28/2025	\$249,570				
	03/01/2018	115,500	\$11.32	02/28/2026	\$661,815		–	\$1,394,742	
	03/01/2019	67,300	\$15.27	02/28/2027	\$119,794	36,559	–		
	03/02/2020	–	–	–	–	82,035	559,308		
Total		520,800				\$1,097,375	118,594	\$559,308	\$1,394,742
Sean Quinn	03/01/2013	16,040	\$22.00	02/28/2021	–				
	03/03/2014	13,017	\$26.81	03/02/2022	–				
	03/02/2015	54,600	\$19.30	03/01/2023	–				
	03/01/2016	95,550	\$16.38	02/29/2024	\$64,019				
	03/01/2017	102,700	\$14.70	02/28/2025	\$241,345				
	03/01/2018	111,700	\$11.32	02/28/2026	\$640,041		–	\$1,348,896	
	03/01/2019	83,400	\$15.27	02/28/2027	\$148,452	45,307	–		
	03/02/2020	–	–	–	–	79,373	541,320		
Total		477,007				\$1,093,857	124,679	\$541,320	\$1,348,896

1. The PSU grants are subject to performance conditions and valued at the minimum possible payout of zero.
2. The PSU grants are subject to performance conditions and valued at the minimum possible payout of zero. The March 2, 2020 RSU grants are not subject to performance conditions so they are valued at \$17.05, the closing price of Cameco shares on the TSX on December 31, 2020.

The next table shows:

- *Option-based awards – value vested during the year* is the total value of the named executive's options when they vested during 2020.
- *Share-based awards – value vested during the year* are share-based awards that vested at the end of 2020 and were paid out in 2021.
- *Non-equity incentive plan compensation – value earned during the year* is the short-term incentive award earned in 2020 and paid in 2021.

Name	Value vested during the year		Non-equity incentive plan compensation – value earned during the year ³
	Option-based awards ¹	Share-based awards ²	
Tim Gitzel	\$20,477	\$5,704,631	\$1,400,000
Grant Isaac	\$7,737	\$2,156,434	\$511,000
Brian Reilly	\$5,584	\$1,555,954	\$409,000
Alice Wong	\$5,005	\$1,394,742	\$336,000
Sean Quinn	\$4,840	\$1,348,896	\$324,000

1. *Option-based awards*

The amounts reflect the pre-tax value that the executives would have realized if they had exercised their options that vested in 2020, on the date they vested. Options that had a positive value at the time of vesting are included in the calculation of these figures.

2. *Share-based awards*

The amounts are the values of the PSUs that were granted in 2018, vested at December 31, 2020 and paid out to the named executives on or about March 1, 2021 at \$20.2680 (the actual average purchase price of our common shares purchased on the TSX on behalf of the named executives on that date). The compensation value we previously disclosed for these PSUs was based on the target number of PSUs multiplied by the share value on grant date. The named executives realized 257% of the grant date value of the PSUs that were granted as part of their total compensation for 2018.

3. *Non-equity incentive plan compensation*

The amounts are the STI payments for 2020 that were paid in 2021.

Options exercised and value realized during the year

None of the named executives exercised options between 2012 and 2019. During that period nearly all options awarded to the executives had an exercise price that was greater than the price of Cameco shares on the TSX at the time and therefore were out-of-the-money.

In 2020 Tim Gitzel exercised 315,033 stock options with an exercise price of \$11.32. The net proceeds from this transaction were used to purchase Cameco shares. This transaction resulted in a share ownership increase for Tim Gitzel of 70,441 shares as of December 31, 2020. None of the other named executives exercised options in 2020.

Equity compensation plan information

Securities authorized for issue under equity compensation plans

(authorized for issue from treasury under our compensation plans at the end of 2020)

Plan category	Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)	Weighted-average exercise price of outstanding options, warrants and rights (b)	Number of securities remaining available for future issue under equity compensation plans (excluding securities reflected in column a) (c)
Equity compensation plans approved by security holders	6,158,539	\$16.98	8,518,361
Equity compensation plans not approved by security holders	–	–	–
Total	6,158,539	\$16.98	8,518,361

Of the 6,158,539 options outstanding at December 31, 2020, 5,076,226 were exercisable and 1,082,313 were not. The total number of Cameco shares that can be issued under the option plan and other compensation arrangements must be less than 43,017,198 (10.9% of our total and outstanding common shares as of March 10, 2021).

Burn rate

The table below shows the burn rate for the last three years calculated in accordance with TSX listing rules based on the weighted-average number of shares outstanding in each year.

As of December 31	2020	2019	2018
Number of options issued	–	886,740	1,473,430
Weighted average number of shares outstanding	395,829,380	395,796,677	395,792,732
Burn rate	0.00%	0.22%	0.37%

Additional plan details

At the time of any stock option grants, the exercise price of an option is fixed as the TSX closing price of Cameco common shares on the trading day immediately before the date of the grant.

If an option holder leaves the company, any unvested options will vest during a specific period of time depending on the reason for leaving. Vested options can be exercised during the same period. See the *Termination and change of control benefits* section starting on page 99 for details.

No more than 10% of our total issued and outstanding shares can be issued to insiders in a year under the stock option plan and any other security-based compensation arrangement. No more than 5% of our total issued and outstanding shares can be issued to any one person. Options cannot be transferred to another person (other than by will or intestate succession).

Information about changes to the stock option plan that must be approved by shareholders are set out in Appendix C. Neither the board, the human resources and compensation committee nor shareholders can alter or affect the rights of an option holder in a negative way without his or her consent, except as described in the plan. No changes were made to the stock option plan in 2021.

The board can change, suspend or terminate the stock option plan, subject to the laws that apply, including but not limited to the rules, regulations and policies of any stock exchange where our shares are listed. Some changes may require approval from shareholders or a governmental or regulatory body.

The next two tables provide additional details about the stock option plan at the end of 2020 and as of March 10, 2021.

	As of December 31, 2020
Number of options available for issue under the option plan and other compensation arrangements	6,158,539
Number of options issued in 2020 under the option plan and other compensation arrangements	–

	As of December 31, 2020	As of March 10, 2021
Number (%) of our shares issued and outstanding to be issued when outstanding options under the option plan are exercised	6,158,539 (1.55%)	9,400,984 (2.37%)
Number (%) of our issued and outstanding shares still available for issue under the option plan	8,518,361 (2.15%)	4,338,301 (1.09%)
Total dilution rate	3.70%	3.46%

The table below shows other activity in the option plan since it was introduced in 1992:

Maximum initial share reserve (August 15, 1995)	31,460,418
Increase in the reserve (June 12, 2006)	11,556,780
Total shares issued under the plan (as at business open on March 10, 2021)	29,277,913
Total shares issued under the plan / total shares issued and outstanding (as at business open on March 10, 2021)	7.0%
Total shares issued and outstanding (as at the opening of business on March 10, 2021)	397,200,356

Pension benefits

Defined contribution plan

All regular, full-time and part-time employees (including all of the named executives) participate in our registered defined contribution plan as of December 31, 2020.

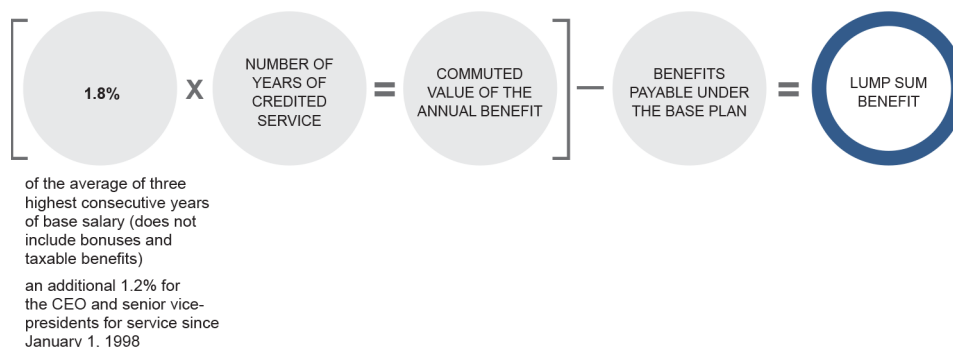
Under the *Income Tax Act* (Canada), the plan had a contribution limit of \$27,830 in 2020. This works out to a threshold salary of approximately \$214,077, based on the contribution rate of 13% which has been the rate as of April 1, 2019.

Supplemental executive pension program

The supplemental executive pension program is aimed at attracting and retaining talented executives. It provides a lump sum retirement benefit that is consistent with the executive's salary and offsets the limits of registered pension plans under the *Income Tax Act* (Canada).

All Canadian-based management at the vice-president level and above participate in the program. It had 18 active members as at December 31, 2020, with one inactive member, 18 retirees and spouses of deceased retirees who were receiving a pension and one former member with a deferred entitlement. This includes certain officers of wholly-owned subsidiaries who were previously eligible to participate in the program.

The supplemental benefit is calculated as follows:



The supplemental benefit is based on actual years of service from the participant's date of hire up to the date of termination, or until the end of the notice period for termination without cause. It is calculated on base salary and, unlike other companies, does not include bonuses as part of the pensionable earnings. The supplemental program does not allow past service credits or any kind of accelerated service. Full benefits are paid at the normal retirement age of 65, but are also payable starting at 60 years of age if the person has 20 years of service.

Except for benefits for participants who are US taxpayers, the program is funded in part by trust assets and the remainder by a letter of credit held by the program's trustees. The liability is approximately \$54,100,000 (\$28,618,000 for the named executives) as of December 31, 2020. The face amount of the letter of credit will be determined each year based on the wind-up liabilities of the supplemental program (excluding benefits for US taxpayers), less any trust assets. The face amount of the letter of credit for 2020 was \$49,400,000. The trustee would be able to draw on the letter of credit to pay benefits to members following specified trigger events. Benefits will continue to be paid from the trust assets until the fund is exhausted, at which time Cameco will begin paying benefits from corporate assets.

Early retirement

Under our registered defined contribution plan, members can transfer their account balance or begin receiving a benefit any time after termination of employment, so early retirement does not apply. All named executives are members of this plan.

Under our supplemental program, the named executives can take early retirement starting at age 55, however, the benefit formula will be reduced by 0.25% for each month before the defined age (age 60 with at least 20 years of continuous employment or age 65, whichever is earlier).

Executive pension value disclosure

The table below shows the estimated pension service costs for the supplemental program and Cameco's contribution to the defined contribution plan as the compensatory change. It also shows the accrued pension obligations payable under our pension plans for each named executive.

Name	Number of years of credited service (#)	Annual benefits payable ¹		Pension obligation at start of year ^{2,3} (\$)	Compensatory change ³ (\$)	Non-compensatory change ⁴ (\$)	Pension obligation at year end ⁵ (\$)
		At year end	At age 65				
Tim Gitzel	13.98	439,900	638,200	7,231,300	315,000	1,097,000	8,643,300
Grant Isaac	11.47	195,600	468,500	3,217,100	297,900	711,100	4,226,100
Brian Reilly	10.00	142,200	226,100	2,164,700	311,200	346,600	2,822,500
Alice Wong	33.93	407,600	465,600	7,428,500	216,800	1,022,800	8,668,100
Sean Quinn	27.25	340,700	398,100	6,068,700	218,800	847,200	7,134,700

1. Annual benefits payable

The value of the annual benefits accrued for all named executives include benefits under the registered defined contribution pension plan and the supplemental executive pension program. The defined contribution costs are also included in the service cost as described under *Compensatory change*. The annual benefits accrued do not take into account any early retirement reductions or vesting requirements.

The amounts under *At age 65* are based on current compensation levels and assume accrued years of service to age 65 for each of the named executives. Under our supplemental executive pension program, the named executives are eligible to retire at age 55, which would reduce the pension benefits they are entitled to receive.

Annual benefits payable at year end and *At age 65* are based on final average earnings as at December 31, 2020.

2. Pension obligation at start of year is based on December 31, 2019 accounting assumptions.

3. Pension obligation at start of year and the Compensatory change are estimated totals that include our registered defined contribution pension plan and supplemental executive pension program. They are based on assumptions representing entitlements in employment agreements that may change over time. The methods we used to determine these estimates may not be exactly the same as methods other companies use, so the figures may not be directly comparable.

We used the following key assumptions to estimate these benefit obligations:

- 100% vesting
- a retirement age of 63 or one year after the valuation date if 63 years of age or older. The assumed retirement age of 63 is management's best estimate for determining the accrued benefit obligation as at December 31, 2019, as reported in our financial statements
- salary increases of 3.0% each year
- a discount rate of 3.1% each year to determine the benefit obligation
- a long-term rate of return on defined contribution plan assets of 6.0%
- benefits are pre-tax.

See note 25 to our audited 2020 financial statements (in our 2020 annual report and also on our website) for more information about our pension plans.

Compensatory change is the value of the projected pension earned from January 1, 2020 to December 31, 2020 for our registered defined contribution pension plan and supplemental executive pension program.

4. Non-compensatory change includes changes such as changes in assumptions (other than those used to estimate the compensatory change), employee contributions and interest on the accrued obligation at the start of the year.

5. Pension obligation at year end is the value of the named executive's projected pension earned for service up to December 31, 2020 under our registered defined contribution pension plan and supplemental executive pension program. It is based on December 31, 2020 accounting assumptions and includes RRSP balances included in the base plan, if any.

We used the following key assumptions to estimate these benefit obligations:

- 100% vesting
- a retirement age of 63 or one year after the valuation date if 63 years of age or older. The assumed retirement age of 63 is management's best estimate for determining the accrued benefit obligation as at December 31, 2020, as reported in our financial statements
- salary increases of 3.0% each year
- a discount rate of 2.5% each year to determine the benefit obligation
- a long-term rate of return on defined contribution plan assets of 6.0%
- benefits are pre-tax.

The pension amounts for all of the named executives equal the value of their accumulated contributions under the registered defined contribution pension plan, supplemented by amounts based on final average earnings and service under the supplemental executive pension program (a defined benefit plan).

Loans to executives

As of March 10, 2021, we and our subsidiaries had no loans outstanding to our current or former named executives, except routine indebtedness as defined under Canadian securities laws.

Termination and change of control benefits

We have employment agreements with the named executives. They are for an indefinite period and provide for:

- a base salary
- participation in the short-term incentive plan
- participation in the long-term incentive plans
- participation in the employee defined contribution pension plan and the supplemental executive pension program.

The agreements also include post-termination obligations requiring that the named executives do not:

- use or disclose specialized knowledge, contracts and connections obtained while at Cameco
- compete against us in any way for 12 months after leaving the organization
- solicit any of our customers, suppliers or employees or harm our relationships with any of them for 12 months (18 months for the CEO) after leaving the organization.

The summary on page 101 shows the incremental compensation that would be paid to the named executives if their employment had been terminated without cause on December 31, 2020, including following a change of control. If Tim Gitzel, Brian Reilly, Alice Wong or Sean Quinn had resigned, it would have been treated as retirement because they are eligible to retire. None of the named executives receive any incremental benefits if there is a change of control but no termination of employment.

CEO

Tim Gitzel's employment agreement provides for:

- a requirement to hold four times his base salary in Cameco shares, RSUs and qualifying PSUs
- a notice period of two years if he is terminated without cause
- a \$7,000 annual allowance for tax advice (\$14,000 in his retirement year)
- a requirement to give a minimum notice of six months for resignation or retirement
- accelerated vesting of certain equity awards if the CEO's employment is terminated within 24 months following a change of control (see the summary below for details on compensation upon termination).

Other named executives

The employment agreements for the other named executives provide for:

- a requirement to hold two times their base salary in Cameco shares, RSUs and qualifying PSUs by December 31 of the fifth year in their current positions
- a notice period of 18 months if they are terminated without cause
- a \$5,000 annual allowance for tax advice (\$10,000 in their retirement year)
- a requirement to give a minimum notice of three months for resignation or retirement
- accelerated vesting of certain equity awards if employment is terminated within 24 months following a change of control (see the summary below for details on compensation upon termination).

The table below is a summary of the compensation that would be paid to the named executives if their employment is terminated. We believe the following terms are fair, competitive with the market and based on industry practice.

Type of termination	Severance	STI bonus	Options	PSUs	RSUs	Benefits	Pension
Retirement ¹	<ul style="list-style-type: none"> • none 	<ul style="list-style-type: none"> • none, unless the executive retires on or near the last day of the year 	<ul style="list-style-type: none"> • three years to vest • must be exercised within three years or the original term, whichever is earlier 	<ul style="list-style-type: none"> • performance is measured to the end of the year of retirement • awards are pro-rated to completed months of service 	<ul style="list-style-type: none"> • awards are pro-rated to completed months of service 	<ul style="list-style-type: none"> • post-retirement benefits continue until age 65 • once the executive turns 65, life insurance, health and dental benefits are reduced and are provided until death 	<ul style="list-style-type: none"> • credited service no longer earned

Type of termination	Severance	STI bonus	Options	PSUs	RSUs	Benefits	Pension
Resignation ²	<ul style="list-style-type: none"> executive must give three months' notice, except for CEO who must give six months' notice if we waive the notice, we must pay his or her base salary for the three or six month notice period 	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> vesting continues for 90 days must be exercised within 90 days or the original term, whichever is earlier 	<ul style="list-style-type: none"> all outstanding PSUs are cancelled 	<ul style="list-style-type: none"> all outstanding RSUs are cancelled 	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> credited service no longer earned
Termination without cause ³	<ul style="list-style-type: none"> lump sum equal to base salary and target bonus for the <i>notice period</i> 	<ul style="list-style-type: none"> none, unless committee exercises discretion, usually when executive has worked most of the year 	<ul style="list-style-type: none"> options continue to vest for the <i>notice period</i> must be exercised within the <i>notice period</i> or by the original expiry date, whichever is earlier 	<ul style="list-style-type: none"> performance is measured to the end of the year of termination awards are pro-rated to completed months of service 	<ul style="list-style-type: none"> awards are pro-rated to completed months of service 	<ul style="list-style-type: none"> employer contributions for health, dental and life insurance benefits continue for the <i>notice period</i> or until executive obtains other employment, whichever is earlier 	<ul style="list-style-type: none"> coverage continues and credited service continues to be earned for the <i>notice period</i>
Termination without cause or for good reason within 24 months of a change of control ⁴	<ul style="list-style-type: none"> same as for termination without cause 	<ul style="list-style-type: none"> same as for termination without cause 	<ul style="list-style-type: none"> all options vest immediately and may be exercised until the original term or within 24 months, whichever is earlier 	<ul style="list-style-type: none"> all PSUs vest and are paid at target within 30 days 	<ul style="list-style-type: none"> all RSUs vest immediately and are payable in cash within 30 days 	<ul style="list-style-type: none"> same as for termination without cause 	<ul style="list-style-type: none"> same as for termination without cause
Termination with cause	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> all entitlement to the bonus is lost 	<ul style="list-style-type: none"> vesting continues for 30 days or the original term, whichever is earlier must be exercised within 30 days 	<ul style="list-style-type: none"> all outstanding PSUs are cancelled 	<ul style="list-style-type: none"> all outstanding RSUs are cancelled 	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> credited service no longer earned
Death	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> target bonus pro-rated to date of death 	<ul style="list-style-type: none"> three years to vest must be exercised within three years or original term, whichever is earlier 	<ul style="list-style-type: none"> performance is measured to end of year of death awards are pro-rated to the completed months of service as of date of death 	<ul style="list-style-type: none"> awards are pro-rated to the completed months of service as of date of death 	<ul style="list-style-type: none"> life insurance is paid on death 	<ul style="list-style-type: none"> credited service no longer earned value of vested pension benefit is paid to the beneficiary

1. *Retirement*

At the discretion of the CEO and provided that the executive is at least 57 years old with at least 10 years of service when he or she retires, the executive may be eligible for post-retirement benefits including health, dental, accidental death and dismemberment, and life insurance. Also at the discretion of the CEO and provided the executive retires and is at least 57 years old with 10 years of service, a supplemental amount of \$1,000 per month is paid until age 65.

2. *Resignation*

Tim Gitzel, Brian Reilly, Alice Wong and Sean Quinn are eligible for retirement and therefore the compensation that is paid if a senior executive resigns does not apply. Retirement provisions will continue to apply, as set out in note 3.

3. *Termination without cause*

The notice period for Tim Gitzel is two years or the period remaining until age 65, whichever is earlier. The notice period for the other named executives is 18 months or the period remaining until age 65, whichever is earlier.

4. *Termination without cause or good reason within 24 months of a change of control*

According to the ENL Reorganization Act, no person, alone or together with associates may hold, beneficially own or control, directly or indirectly, more than 25% of Cameco's voting shares that can be cast to elect the directors. Because of the legislated restrictions on share ownership, there would have to be an act of federal parliament for anyone to hold more than 25% of our voting shares. For Tim Gitzel, change of control is defined as a transaction resulting in any person, corporation or entity holding 35% or more of our voting shares, transfer or lease of substantially all of the company's assets, dissolution or liquidation of the company, or the board deciding that a change of control has occurred. For the other named executives, change of control is the same except that an entity must hold 50% or more of our voting shares.

The table below shows the incremental values that would be paid to the named executives if any of them had been terminated without cause on December 31, 2020, including following a change of control. No incremental amounts are payable if a named executive retires, resigns, dies or is terminated with cause.

Cameco has legislated ownership restrictions under the ENL Reorganization Act. While a change of control is possible, it would require an act of parliament or one of the activities discussed in note 4 on page 100.

Name	Compensation element	Estimated incremental payment at December 31, 2020 ¹	
		Termination without cause ² (\$)	Termination without cause with a change of control ³ (\$)
Tim Gitzel	Cash	4,667,960	4,667,960
	Deferred compensation vesting	–	9,175,025
	Benefits	27,500	27,500
	Total incremental amount	4,695,460	13,870,485
	Annual pension increment	1,199,900	1,199,900
Grant Isaac	Cash	1,583,280	1,583,280
	Deferred compensation vesting	–	3,591,159
	Benefits	19,800	19,800
	Total incremental amount	1,603,080	5,194,239
	Annual pension increment	530,600	530,600
Brian Reilly	Cash	1,318,800	1,318,800
	Deferred compensation vesting	–	2,736,562
	Benefits	17,100	17,100
	Total incremental amount	1,335,900	4,072,462
	Annual pension increment	447,700	447,700
Alice Wong	Cash	1,173,398	1,173,398
	Deferred compensation vesting	–	2,322,496
	Benefits	18,600	18,600
	Total incremental amount	1,191,998	3,514,493
	Annual pension increment	363,200	363,200
Sean Quinn	Cash	1,134,788	1,134,788
	Deferred compensation vesting	–	2,438,107
	Benefits	18,500	18,500
	Total incremental amount	1,153,288	3,591,395
	Annual pension increment	365,800	365,800

1. The table below shows the commuted values for resignation (retirement in the case of Tim Gitzel, Brian Reilly, Alice Wong and Sean Quinn). We estimated these values using the Canadian Institute of Actuaries' Standard Practice for Determining Pension Commuted Values, effective April 2009, and assumed:
- 100% vesting
 - pension commencement at the executive's age or age 55, whichever is later
 - no salary increase after December 31, 2020
 - a discount rate of 1.4% each of the next 10 years and 2.5% each year thereafter for Canadian and US liabilities
 - benefits are pre-tax.

Commuted value	For retirement	On December 31, 2020
The commuted values are based on assumptions representing entitlements in the employment agreements, and these may change over time. These commuted values may be higher or lower than the present value of the benefit obligation and include entitlements from the defined contribution retirement program and the supplemental executive pension program. The methods we use may not be exactly the same as those used by other companies, so our figures may not be directly comparable with those of other companies.	Tim Gitzel	\$8,804,700
	Brian Reilly	\$2,811,700
	Alice Wong	\$9,470,500
	Sean Quinn	\$7,963,400
		For resignation
	Grant Isaac	\$3,244,800

2. *Termination without cause*

Amounts shown as *Cash* represent entitlements to cash payments in lieu of notice. The cash payment for the CEO, Tim Gitzel, is equal to two times the sum of his annual salary and target annual cash bonus. The cash payment for the other named executives is equal to one and one-half times the sum of their annual salary and target annual cash bonus.

There is no *Deferred compensation vesting*. For all named executives, unvested PSU and RSU grants are prorated to completed months of service in the performance period and pay out over the normal schedule so there is no incremental benefit. Options would continue to be eligible to meet time-based vesting conditions over the severance period and expire at the end of the severance period.

Amounts shown as *Benefits* are the present value of the continuing benefits for the notice period, based on historical costs and trends and calculated using a discount rate of 2.5% at December 31, 2020. Additionally, at the discretion of the CEO, Alice Wong and Sean Quinn may be eligible for post-retirement benefits, including health, dental, accidental death and dismemberment, and life insurance as they are at least 57 years of age and have more than 10 years of service, which represent incremental values of up to \$127,800 and \$152,900, respectively.

Amounts shown as *Annual pension increment* are equal to the value of benefits to be credited according to the notice period for each named executive and calculated using the December 31, 2020 accounting assumptions (same as the key assumptions set out in note 3 on page 98).

3. *Termination without cause with a change of control*

Amounts shown as *Cash* represent entitlement to cash payments in lieu of notice as indicated in note 2 above.

Amounts shown as *Deferred compensation vesting* include an amount for unvested PSUs, RSUs and options. The incremental benefit for PSUs and RSUs represent all outstanding PSUs and RSUs that would vest immediately at target and be paid out in the first quarter of 2021. The incremental benefit for options represent unvested in-the-money options that would vest immediately. The calculation of the PSUs, RSUs and options in this situation is based on a share price of \$17.05, the year-end closing price of a Cameco common share on the TSX.

Amounts shown as *Benefits* are the present value of the continuing benefits for the notice period as indicated in note 2 above.

Amounts shown as *Annual pension increment* is equal to the value of benefits to be credited according to the notice period as indicated in note 2 above.

Appendix A

Interpretation

The following definitions are summaries only and are defined in their entirety in the *Eldorado Nuclear Limited Reorganization and Divestiture Act* (Canada) and Cameco's articles.

For the purposes of this circular:

a person is an “**associate**” of another person if:

- i. one is a corporation of which the other is an officer or director;
- ii. one is a corporation that is controlled by the other or by a group of persons of which the other is a member;
- iii. one is a partnership of which the other is a partner;
- iv. one is a trust of which the other is a trustee;
- v. both are corporations controlled by the same person;
- vi. both are members of a voting trust or parties to an arrangement that relates to voting securities of the Corporation; or
- vii. both are at the same time associates, within the meaning of any of (i) to (vi) above, of the same person;

provided that:

- viii. if a resident associated with a non-resident submits to the board of directors of the corporation a statutory declaration stating that no voting shares of the corporation are held, directly or indirectly, for a non-resident, that resident and non-resident are not associates of each other, provided the statutory declaration is not false;
- ix. two corporations are not associates pursuant to (vii) above by reason only that each is an associate of the same person pursuant to (i) above;
- x. if any person appears to the board to hold voting shares to which are attached not more than the lesser of four one-hundredths of 1% of the votes that may be cast to elect directors of the corporation and 10,000 such votes, that person is not an associate of any other person and no other person is an associate of that person in relation to those voting shares.

“**beneficial ownership**” includes ownership through a trustee, legal representative, agent or other intermediary.

“**control**” means control in any manner that results in control in fact, whether directly through ownership of securities or indirectly through a trust, an agreement, the ownership of any body corporate or otherwise.

“**non-resident**” means:

- i. an individual, other than a Canadian citizen, who is not ordinarily resident in Canada;
- ii. a corporation incorporated, formed or otherwise organized outside Canada;
- iii. a foreign government or agency thereof;
- iv. a corporation that is controlled by non-residents, directly or indirectly, as defined in any of (i) to (iii) above;
- v. a trust:
 - a. established by a non-resident as defined in any of (ii) to (iv) above, other than a trust for the administration of a pension fund for the benefit of individuals, a majority of whom are residents; or
 - b. in which non-residents as defined in any of (i) to (iv) above have more than 50% of the beneficial interest; or
- vi. a corporation that is controlled by a trust described in (v) above.

“**person**” includes an individual, corporation, government or agency thereof, trustee, executor, administrator, or other legal representative.

“**resident**” means an individual, corporation, government or agency thereof or trust that is not a non-resident.

Appendix B

Board mandate

PURPOSE

The purpose of the board of directors (board) is to supervise the management of the business and affairs of the corporation. The board of directors will discharge this responsibility by developing and determining policy by which the business and affairs of the corporation are to be managed and by overseeing the management of the corporation.

COMPOSITION

The board is elected by the shareholders at the annual meeting of the shareholders of the corporation. The board shall appoint the chair annually from among its non-executive independent members. As fixed by the articles of the corporation, the board shall consist of at least three and not more than fifteen members. A majority of the directors shall be resident Canadians.

A majority of the directors shall be independent pursuant to standards for independence adopted by the board. The standards for independence are available on our website.

MEETINGS

The board will schedule as many meetings as necessary to carry out its duties effectively. A two year rolling schedule of regular board and committee meetings will be provided to directors. Confirmation of the date, time and place of regular meetings will be sent to directors approximately three weeks in advance of regularly scheduled meetings.

A meeting of the board may be called by the chair, the chief executive officer or any two directors. The corporate secretary shall, upon the direction of any of the foregoing, arrange a meeting of the board. Special meetings may be called by providing 48 hours notice. Board meetings may be held at any time without notice if all of the directors have waived or are deemed to have waived notice of the meeting.

A majority of the members of the board shall constitute a quorum. No business may be transacted by the board except at a meeting of its members at which a quorum of the board is present. Each director is expected to attend all meetings of the board. A director who is unable to attend a board meeting in person may participate by telephone or teleconference.

At board meetings, each director is entitled to one vote and questions are decided by a majority of votes of the directors present. In case of an equality of votes, the chair of the meeting does not have a second or casting vote.

The corporate secretary acts as secretary to the board. In the absence of the corporate secretary, the board may appoint any other person to act as secretary.

The board may invite such officers and employees of the corporation as it may see fit from time to time to attend at meetings of the board and assist thereat in the discussion and consideration of any matter.

DUTIES AND RESPONSIBILITIES

1. The board of directors has specific responsibilities for the following, which do not, in any way, limit or comprehensively define its overall responsibility for the stewardship of the corporation:
 - a. selection, appointment, evaluation and if necessary the termination of the chief executive officer;
 - b. satisfying itself as to the integrity of the senior executives of the corporation and as to the culture of integrity throughout the corporation;
 - c. succession planning, including appointing, counselling and monitoring the performance of executive officers;
 - d. oversight of the human resources policies of the corporation and while taking into account the views and recommendations of the human resources and compensation committee, approval of the compensation of the chief executive officer and the other executive officers;
 - e. strategic planning, approval of business plans and monitoring corporate performance against those plans;
 - f. approval of periodic capital and operating plans and monitoring corporate performance against those plans;

- g. oversight of the policies and processes to manage risks of the corporation, and oversight of management's mitigation of the material risks;
 - h. policies to require ethical behaviour of the corporation and its directors and employees, and compliance with laws and regulations;
 - i. oversight of the policies and processes for the implementation and integrity of the corporation's internal control and management information systems and its financial reporting;
 - j. approval of directors for appointment, nomination and election (as applicable), oversight of any potential conflicts of interest, and director independence determination;
 - k. assessment of the effectiveness of the board and its committees;
 - l. oversight of the program for orientation and education of new directors and ongoing education for all directors;
 - m. definition of the duties and the limits of authority of senior management, including approving a position statement for the chief executive officer;
 - n. policies for disclosure of corporate information to facilitate effective communications with shareholders, other stakeholders and the public;
 - o. health and safety and environmental policies and oversight of systems to enable compliance with these policies and all relevant laws and regulations;
 - p. oversight of the policies and processes for estimating and disclosing the corporation's mineral reserves;
 - q. corporate governance including the relationship of the board of directors to management and shareholders, oversight of the corporate governance principles applicable to the corporation, and taking reasonable steps to ensure the corporation has appropriate structures and procedures in place to permit the board of directors to effectively discharge its duties and responsibilities;
 - r. calling meetings of shareholders and submission to the shareholders of any question or matter requiring approval of the shareholders;
 - s. recommendation of the auditors to be appointed at shareholders' meetings, and filling a vacancy in the office of the auditor;
 - t. issuance of securities of the corporation;
 - u. declaration of dividends and establishment of the dividend policy for the corporation;
 - v. approval of the annual audited financial statements and related management discussion and analysis, and the interim unaudited financial statements and related interim management discussion and analysis, management proxy circulars, takeover bid circulars, directors' circulars, prospectuses, annual information forms and other disclosure documents required to be approved by the directors of a corporation under securities laws, regulations or rules of any applicable stock exchange;
 - w. adoption, amendment or repeal of bylaws of the corporation;
 - x. review and approval of material transactions not in the ordinary course of business; and
 - y. other corporate decisions required to be made by the board of directors, or as may be reserved by the board of directors, to be made by itself, from time to time and not otherwise delegated to a committee of the board of directors or to the management of the corporation.
2. Subject to the provisions of applicable law and the bylaws of the corporation, the responsibilities of the board of directors may be delegated, from time to time, to committees of the board of directors on such terms as the board of directors may consider appropriate.

ORGANIZATIONAL MATTERS

- 3. The procedures governing the board shall be those in Parts 6 and 7 of the General Bylaws of the corporation.
- 4. The board shall annually review and assess the adequacy of its mandate.
- 5. The board shall participate in an annual performance evaluation.
- 6. The board shall perform any other activities consistent with this mandate, the corporation's governing laws, and regulations of stock exchanges, as the board deems necessary or appropriate.

Appendix C

Stock option plan

The following kinds of changes must be approved by shareholders according to the terms of our stock option plan:

General

- any change to the number of common shares that can be issued under the plan, including increasing the fixed maximum number of common shares, or changing from a fixed maximum number to a fixed maximum percentage of common shares
- any change to extend the period after a trading blackout when options can be exercised
- any change to extend the expiry date of an option unless it would otherwise expire during a trading blackout period
- any change that requires shareholder approval under applicable law such as those described in the rules, regulations and policies of any stock exchange that we are listed on.

Exercise price

- any change that would cause the exercise price of an option to be lower than the fair market value of the common shares at the time the option is granted. This does not include standard adjustment provisions relating to dividends or stock splits, recapitalizations, consolidations or other fundamental corporate changes, or provisions for the treatment of options if there is a change of control or other similar transaction that affects the powers of the board to make certain changes to the stock option plan
- any other change that would cause the exercise or purchase price of an option to be lower (other than the standard adjustment provisions or if there is a change of control or other similar transaction as described in the item above). Cancelling an option and reissuing it at a lower price is considered a reduction in the exercise price.

Eligibility

- any change that increases the number of categories of people who are eligible to receive options, if it could increase the participation of insiders
- any change allowing options to be transferred other than by will or intestate succession.

Securities

- adding deferred or restricted share units or other share awards that would not involve an actual cash payment
- any change that allows adding a cashless exercise feature, unless it reduces the number of underlying shares in the stock option plan reserve.

Save time and forests

Enroll for e-delivery

When voting your shares online, sign up to receive
Cameco investor information digitally.

Instructions are all online. Toronto (CCO) | New York (CCJ)



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