

Notice of our 2023 annual meeting of shareholders

When

Wednesday, May 10, 2023 8:30 a.m. CST

Via live webcast from Saskatoon, SK

https://web.lumiagm.com/488859676 password: cameco2023 (case sensitive)

Where

Cameco Corporation 2121 – 11th Street West Saskatoon, Saskatchewan

Your vote is important

If you held Cameco common shares on March 13, 2023 (the *record date*), you are entitled to receive notice of and to vote at this meeting.

You can vote in advance or in real time at the meeting. We encourage shareholders to vote by proxy in advance of the meeting because it's the easiest way to vote your shares.

See pages 8 through 14 of the attached management proxy circular for information about how to vote.

If you have any questions or need assistance voting, please contact Kingsdale Advisors at 1.888.518.1558 (toll-free in North America) or 416.867.2272 (collect outside North America) or by email at contactus@kingsdaleadvisors.com.

By order of the board of directors,

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

April 6, 2023

FOR MORE INFORMATION

At the meeting, shareholders will:

- receive the audited consolidated financial statements of Cameco for the fiscal year ended December 31, 2022 and the report of the auditors;
- elect directors;
- appoint the auditors for the ensuing year;
- consider an advisory resolution on Cameco's approach to executive compensation; and
- consider any other business that may properly come before the meeting.

Read more about the business of the meeting beginning on page 5 of the attached management proxy circular.

Shareholder proposals for our 2024 annual meeting of shareholders must be received between December 12, 2023 and February 12, 2024 and we require advance notice for nominating directors (see page 60).

Access our 2022 annual report and other documents and information online:

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

See pages 59 and 60 for more information.

COMMON SHARES OUTSTANDING

432,518,470 December 31, 2022 433,082,187 March 13, 2023

TSX Trust Company is our transfer agent and registrar for Canada.

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