



PRESS RELEASE 23-04

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GREENLAND RESOURCES RECEIVES LETTER OF INTENT FROM DANISH TOPSOE A/S FOR MOLYBDENUM SUPPLY

TORONTO, ONTARIO -- (January 19, 2023) – Greenland Resources Inc. (NEO:MOLY, FSE:M0LY) (“Greenland Resources” or the “Company”) is pleased to announce that it received a non-binding letter of intent (“LOI”) for long term molybdenum supply from the Danish company Topsoe A/S (“Topsoe”), a global leader in the production of clean transportation fuels for energy-efficient technologies such as ammonia, methanol and hydrogen that are universally seen as the most important fuels and chemicals of the future.

The LOI sets the path for a long-term supply agreement of Ammonium Dimolybdate (ADM) and Mo-oxide based on specific criteria set by Topsoe for strategic suppliers, which include among others delivery of net-zero molybdenum products (in line with the Science Based Targets Initiative Net-Zero Standard) by 2040. The particularly clean molybdenite concentrate from our Malmbjerg deposit in Greenland, once roasted is perfectly suited as a feed stock for the production of such compounds.

In order to diversify and maximize molybdenum sales price, the marketing strategy of the Company targets direct sales to end users, arrangements with roasters to meet downstream end user products specifications, and sales to intermediaries that can be of strategic importance, with a strong focus on the European Union market.

End users like Topsoe will be able to ensure a stable responsible sourcing secured supply of high-quality molybdenum extracted with high ESG standards for decades to come from Greenland, a country that is part of the Kingdom of Denmark.

About Topsoe

Founded in 1940, Topsoe is a leading global developer and supplier of decarbonization technology, catalysts, and services for the energy transition. Their mission is to combat climate change by helping their partners and customers achieve their decarbonization and emission-reduction targets, including those in hard-to-abate sectors such as aviation, shipping, and the production of raw materials. From carbon reduction chemicals, to renewable fuels and plastic upcycling, we are uniquely positioned to aid humanity in realizing a sustainable future. Topsoe is headquartered in Denmark, with over 2,100 employees serving customers all around the globe. To learn more, visit www.topsoe.com

About Greenland Resources Inc.

Greenland Resources is a Canadian public company with the Ontario Securities Commission as its principal regulator and is focused on the development of its 100% owned world-class Climax type pure molybdenum deposit located in central east Greenland. The Malmbjerg molybdenum project is an open pit operation with an environmentally friendly mine design focused on reduced water usage, low aquatic disturbance and low footprint due to modularized infrastructure. The Malmbjerg project benefits from a NI 43-101 Definitive Feasibility Study completed by Tetra Tech in 2022, with Proven and Probable Reserves of 245 million tonnes at 0.176% MoS₂, for 571 million pounds of contained molybdenum metal. As the high-grade molybdenum is mined for the first half of the mine life, the average annual production for years one to ten is 32.8 million pounds per year of contained molybdenum metal at an average grade of 0.23% MoS₂. The project had a previous exploitation license granted in 2009. With offices in Toronto, the Company is led by a management team with an extensive track record in the mining industry and capital markets. For further details, please refer to our web site (www.greenlandresources.ca) and our Canadian regulatory filings on Greenland Resources’ profile at www.sedar.com.

The Project is supported by the European Raw Materials Alliance (ERMA) as stated in their press release [EIT/ERMA June 13, 2022 Press Release](#), a Knowledge and Innovation Community of the European Institute of

Innovation and Technology (EIT), a body of the European Union.

About Molybdenum and the European Union

Molybdenum is a critical metal used mainly in steel and chemicals that is needed in all technologies in the upcoming green energy transition (World Bank, 2020; IEA, 2021). When added to steel and cast iron, it enhances strength, hardenability, weldability, toughness, temperature strength, and corrosion resistance. Based on data from the International Molybdenum Association and the European Commission Steel Report, the world produced around 576 million pounds of molybdenum in 2021 where the European Union ("EU") as the second largest steel producer in the world used approximately 25% of global molybdenum supply and has no domestic molybdenum production. To a greater degree, the EU steel dependent industries like the automotive, construction, and engineering, represent around 18% of the EU's ≈ US\$16 trillion GDP. Greenland Resources strategically located Malmbjerg molybdenum project has the potential to supply in and for the EU approximately 24 million pounds per year, of environmentally friendly molybdenum from a responsible EU Associate country, for decades to come. The high quality of the Malmbjerg ore, having low impurity content in phosphorus, tin, antimony, and arsenic, makes it an ideal source of molybdenum for the high-performance steel industry lead worldwide by Europe, specifically the Scandinavian countries and Germany.

For further information please contact:

Ruben Shiffman, PhD	Chairman, President
Keith Minty, P.Eng, MBA	Engineering and Project Management
Jim Steel, P.Geo, MBA	Exploration and Mining Geology
Nauja Bianco, M.Pol.Sci.	Public and Community Relations
Gary Anstey	Investor Relations
Eric Grossman, CPA, CGA	Chief Financial Officer
Corporate office	Suite 1410, 181 University Av. Toronto, Ontario, Canada M5H 3M7
Telephone	+1 647 273 9913
Email	info@greenlandresourcesinc.com
Web	www.greenlandresources.ca

Forward Looking Statements

This news release contains "forward-looking information" (also referred to as "forward looking statements"), which relate to future events or future performance and reflect management's current expectations and assumptions. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "hopes", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Such forward-looking statements reflect management's current beliefs and are based on assumptions made by and information currently available to the Company. All statements, other than statements of historical fact, are forward-looking statements or information. Forward-looking statements or information in this news release relate to, among other things: the ability to negotiate supply agreements on terms that are economic or at all, the Company's objectives, goals or future plans, statements, exploration results, potential mineralization, the estimation of mineral resources and reserves, and their valuation, exploration and mine development plans, timing of the commencement of operations and estimates of market conditions.

These forward-looking statements and information reflect the Company's current views with respect to future events and are necessarily based upon a number of assumptions that, while considered reasonable by the Company, are inherently subject to significant operational, business, economic and regulatory uncertainties and contingencies. These assumptions include: our mineral reserve estimates and the assumptions upon which they are based, including geotechnical and metallurgical characteristics of rock confirming to sampled results and metallurgical performance; tonnage of ore to be mined and processed; ore grades and recoveries; assumptions and discount rates being appropriately applied to the technical studies; estimated valuation and probability of success of the Company's projects, including the Malmbjerg molybdenum project; prices for molybdenum remaining as estimated; currency exchange rates remaining as estimated; availability of funds for the Company's projects; capital decommissioning and reclamation estimates; mineral reserve and resource estimates and the assumptions upon which they are based; prices for energy inputs, labour, materials, supplies and services (including transportation); no labour-related disruptions; no unplanned delays or interruptions in scheduled construction and production; all necessary permits, licenses and regulatory approvals are received in a timely manner; and the ability to comply with environmental, health and safety laws. The foregoing list of assumptions is not exhaustive.

The Company cautions the reader that forward-looking statements and information include known and unknown risks, uncertainties and other factors that may cause actual results and developments to differ materially from those expressed or implied by such forward-looking statements or information contained in this news release and the Company has made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: the projected and actual effects of the COVID-19 coronavirus on the factors relevant to the business of the Corporation, including the effect on supply chains, labour market, currency and commodity prices and global and Canadian capital markets, fluctuations in molybdenum and commodity prices; fluctuations in prices for energy inputs, labour, materials, supplies and services (including transportation); fluctuations in currency markets (such as the Canadian dollar versus the U.S. dollar versus the Euro); operational risks and hazards inherent with the business of mining (including environmental accidents and hazards, industrial accidents, equipment breakdown, unusual or unexpected geological or structure formations, cave-ins, flooding and severe weather); inadequate insurance, or the inability to obtain insurance, to cover these risks and hazards; our ability to obtain all necessary permits, licenses and regulatory approvals in a timely manner; changes in laws, regulations and government practices in Greenland, including environmental, export and import laws and regulations; legal restrictions relating to mining; risks relating to expropriation; increased competition in the mining industry for equipment and qualified personnel; the availability of additional capital; the ability to source and negotiate supply and offtake agreements with qualified counterparties on terms that are economic or at all; title matters and the additional risks identified in our filings with Canadian securities regulators on SEDAR in Canada (available at www.sedar.com). Although the Company has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated, described or intended. Investors are cautioned against undue reliance on forward-looking statements or information.

These forward-looking statements are made as of the date hereof and, except as required by applicable securities regulations, the Company does not intend, and does not assume any obligation, to update the forward-looking information.

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