



Company Announcement, May 15<sup>th</sup>, 2017

## **IAEA Director General Visits Kvanefjeld Project**

Greenland Minerals and Energy Ltd ('GMEL' or 'the Company') is honoured to have assisted the Greenland Government in hosting the Director General of the International Atomic Energy Agency (IAEA), Mr Yukiya Amano, to southern Greenland and the Kvanefjeld Project in the week of May 8<sup>th</sup>. The Kvanefjeld Project, 100% owned by GMEL, is an advanced rare earth project of global significance that will also produce a series of by-products including uranium.

Over the last three years the Governments of Greenland and Denmark, in association with IAEA, have worked to establish a legal and regulatory framework for the production and export of uranium from Greenland. These work programs concluded in 2016, at which point Director General Amano was invited to visit Greenland by the respective governments.

The delegation to visit southern Greenland was headed by Greenland's Premier Kim Kielsen, and included Director General Amano, and the Danish Ambassador to Austria (the IAEA is headquartered in Vienna). The delegation was joined by the Mayor of Southern Greenland, and GMEL's Managing Director, Dr John Mair. The delegation was able to visit the Kvanefjeld project area, learn more about the development strategy and the plans for key infrastructure including mine site, processing facilities, tailings storage, and port for direct shipping access.

Mr Amano also visited Copenhagen, where he met with the Danish Minister for Foreign Affairs, Mr Anders Samuelsen, with whom he discussed cooperation between the IAEA, Denmark and Greenland in relation to the Kvanefjeld Project, as well as wider international issues. Mr Amano also met with members of the Danish Parliament's Foreign Affairs Committee, and officials from the Danish Emergency Management Agency and Danish Health Authority.

### **Background**

The Kvanefjeld Project is underpinned by one of the largest undeveloped mineral resources of rare earth elements and uranium globally, and is currently advancing through the permitting phase. Kvanefjeld is projected to produce rare earth products that are critical to a growing range of new, clean energy technologies, along with a series of by-products including uranium, zinc, and fluorspar.

The recovery of by-products at low incremental cost will provide revenue streams to position Kvanefjeld as a significant rare earth producer at the low end of the production cost-curve.

In June, 2016, the parliaments of both Greenland and Denmark both adopted legislation to implement uranium export control procedures in accordance with IAEA and EURATOM safeguards reporting systems.

This was primarily undertaken to effectively manage the by-production of uranium from Kvanefjeld, and will enable the sale and export of uranium from Kvanefjeld under standard commercial arrangements in the future.

In September, 2016, at the 60<sup>th</sup> General Conference of the IAEA, held in Vienna, Greenland, acting on behalf of Denmark, filed documents that formalised its status as a signatory in its own right to several important international nuclear conventions essential for Greenland's participation in the global civil uranium industry.

GMEL is working with leading rare earth company Shenghe Resources Holding Ltd who is the Company's largest shareholder at 12.4%, to establish new rare earth supply networks to meet growing international demand. Shenghe brings leading processing technology and a strong international customer base to the Kvanefjeld Project.

**-ENDS-**



Delegation members at the base of the Narsaq valley, following a visit to the Kvanefjeld project area. From left: Jakob Rohmann Hard (Chief of Protocol, Foreign Department, Greenland), Liselotte Plesner (Danish Ambassador, Vienna), Nuka Møller (Greenland Business), Jørn Skov Nielsen (Deputy Minister, Industry Trade and Labour, Greenland), Kim Kielsen (Greenland Premier), John Mair (Managing Director, GMEL), Yukiya Amano (Director General, IAEA).

## ABOUT GREENLAND MINERALS AND ENERGY LTD.

Greenland Minerals and Energy Ltd (ASX: GGG) is an exploration and development company focused on developing high-quality mineral projects in Greenland. The Company's flagship project is the Kvanefjeld multi-element deposit (rare earth elements, uranium, zinc). A pre-feasibility study was finalised in 2012, and a comprehensive feasibility study was completed in May, 2015, and updated in April, 2016. The studies demonstrate the potential for a large-scale, long-life, cost-competitive, multi-element mining operation. An exploitation (mining) license application for the initial development strategy is currently being processed by the Government of Greenland and their advisory groups.

In 2017, GMEL is focussed on working closely with Greenland's regulatory bodies on the processing of the mining license application, and maintaining regular stakeholder updates. The Company is undertaking technical work programs with Shenghe Resources Holding that aim to further enhance the Kvanefjeld Project, and ensure it is aligned with downstream processing.

**Dr John Mair**  
**Managing Director**  
**+61 8 9382 2322**

**David Tasker**  
**Professional PR**  
**+61 8 9388 0944**

**Christian Olesen**  
**Rostra Communication**  
**+45 3336 0429**

Greenland Minerals and Energy Ltd will continue to advance the Kvanefjeld project in a manner that is in accord with both Greenlandic Government and local community expectations, and looks forward to being part of continued stakeholder discussions on the social and economic benefits associated with the development of the Kvanefjeld Project.

---

### **Competent Person Statement – Mineral Resources and Ore Reserves**

*The information in this report that relates to Mineral Resources is based on information compiled by Mr Robin Simpson, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Simpson is employed by SRK Consulting (UK) Ltd ("SRK"), and was engaged by Greenland Minerals and Energy Ltd on the basis of SRK's normal professional daily rates. SRK has no beneficial interest in the outcome of the technical assessment being capable of affecting its independence. Mr Simpson has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robin Simpson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*The information in the statement that relates to the Ore Reserves Estimate is based on work completed or accepted by Mr Damien Krebs of Greenland Minerals and Energy Ltd and Mr Scott McEwing of SRK Consulting (Australasia) Pty Ltd.*

*Damien Krebs is a Member of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the type of metallurgy and scale of project under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.*

*Scott McEwing is a Fellow and Chartered Professional of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.*

The mineral resource estimate for the Kvanefjeld Project was updated and released in a Company Announcement on February 12<sup>th</sup>, 2015. The ore reserve estimate was released in a Company Announcement on June 3<sup>rd</sup>, 2015. There have been no material changes to the resource estimate, or ore reserve since the release of these announcements.