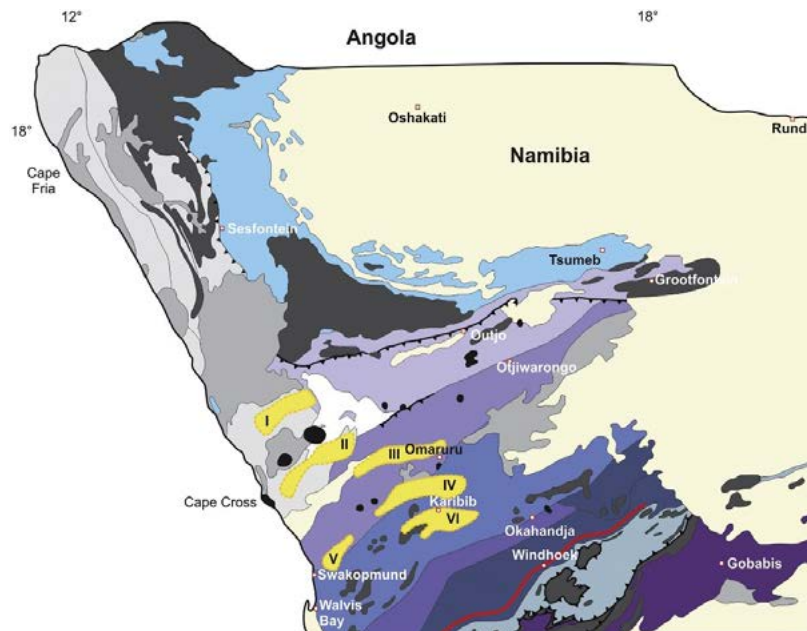


# Invitation



**Advances in African pegmatite exploration**  
**Windhoek, Namibia, 14 May 2024**

A workshop organized by the EU research Project GREENPEG in collaboration with the Geological Survey of Namibia, the Federal Institute for Geosciences and Natural Resources, Germany and Gecko Exploration



Funded by the Horizon 2020  
Framework Programme of the  
European Union GA 869274

# *Conference and site visit*

## **Aim and Objective**

This one-day conference on 14th of Mai 2024 aims at introducing GREEPEG research results to potential end-users and strengthening Europe's strategic raw materials partnership with Namibia. The program focuses on advances in the exploration of pegmatites by research and experiences from past and ongoing pegmatite exploration and mining throughout Africa. The conference provides floor for contributions from the public and private surveying and exploration followed by a B2B session and networking.

Over 15th and 16th of May 2024 we offer a guided site visit to the famous Erongo Mountain pegmatite outcrops and exploration activities including one overnight stay in an African-style lodge.

The conference is hosted by the [EU HORIZON 2020 project GREENPEG](#), in cooperation with the Geological Survey of Namibia, the Federal Institute for Geosciences and Natural Resources, Germany, and Gecko Exploration, Namibia.





## *Program*

**8:00**      ***REGISTRATION, WARM UP***

### **SESSION 1 – SETTING THE SCENE AND ADVANCES BY GREENPEG PROJECT**

**9:00**      **Welcome**

Prof. Dr Axel Müller, University of Oslo, Norway, Coordinator,  
GREENPEG & Martin Quinger, Federal Institute for Geosciences and Resources,  
(BGR) Germany

**9:15-9:45**    **The Namibian-European strategic partnership on sustainable raw materials  
value chains and renewable hydrogen**

Ane-Beatriz Martins, EU Ambassador to Namibia, Windhoek



**9:45-10:15**

**NAMIBIA´s resource potential in critical raw materials**

Aphary Muyongo, Deputy Director Economic Geology Division GSN

**Discussion**

**10:30-10:45**

**BGR Study “Lithium Potential in Namibia”, an update**

Martin Quinger, Coordinator of the project “Sustainable use of the mineral potential of Namibia”, BGR, Germany

**10:45-11:15**

**Advances from EU research and innovation: The GREENPEG Toolset for pegmatite exploration, part 1: the methodology**

Prof. Dr Axel Müller, University of Oslo, Norway, Coordinator GREENPEG project

**11:15-11:45**

**Advances from EU research and innovation: The GREENPEG Toolset for pegmatite exploration, part 2: geophysics and geochemistry**

Prof. Dr Axel Müller, University of Oslo, Norway, Coordinator GREENPEG project

**Discussion**

**Lunch Break**

**SESSION 2 – RAW MATERIALS TERRITORIAL MAPPING AND EXPLORATION PROJECTS  
BY INDUSTRY**

**14:00-14:20**    **Exploration of the Namaqualand Pegmatite Belt with focus on the Swanson  
Tantalite Mine**

Philip le Roux, CEO Arcadia Minerals Ltd, Australia

**14:20-14:40**    **The lithium clay and brines deposits at Kalkrand – an potential African game  
changer in lithium supply?**

Dr. Ismael Kanguuehi, Chief Geologist Brines Mining and Exploration (Pty) Ltd., Australia

**14:40-15:00**    **Pegmatite exploration in Namibia – experiences and advances.**

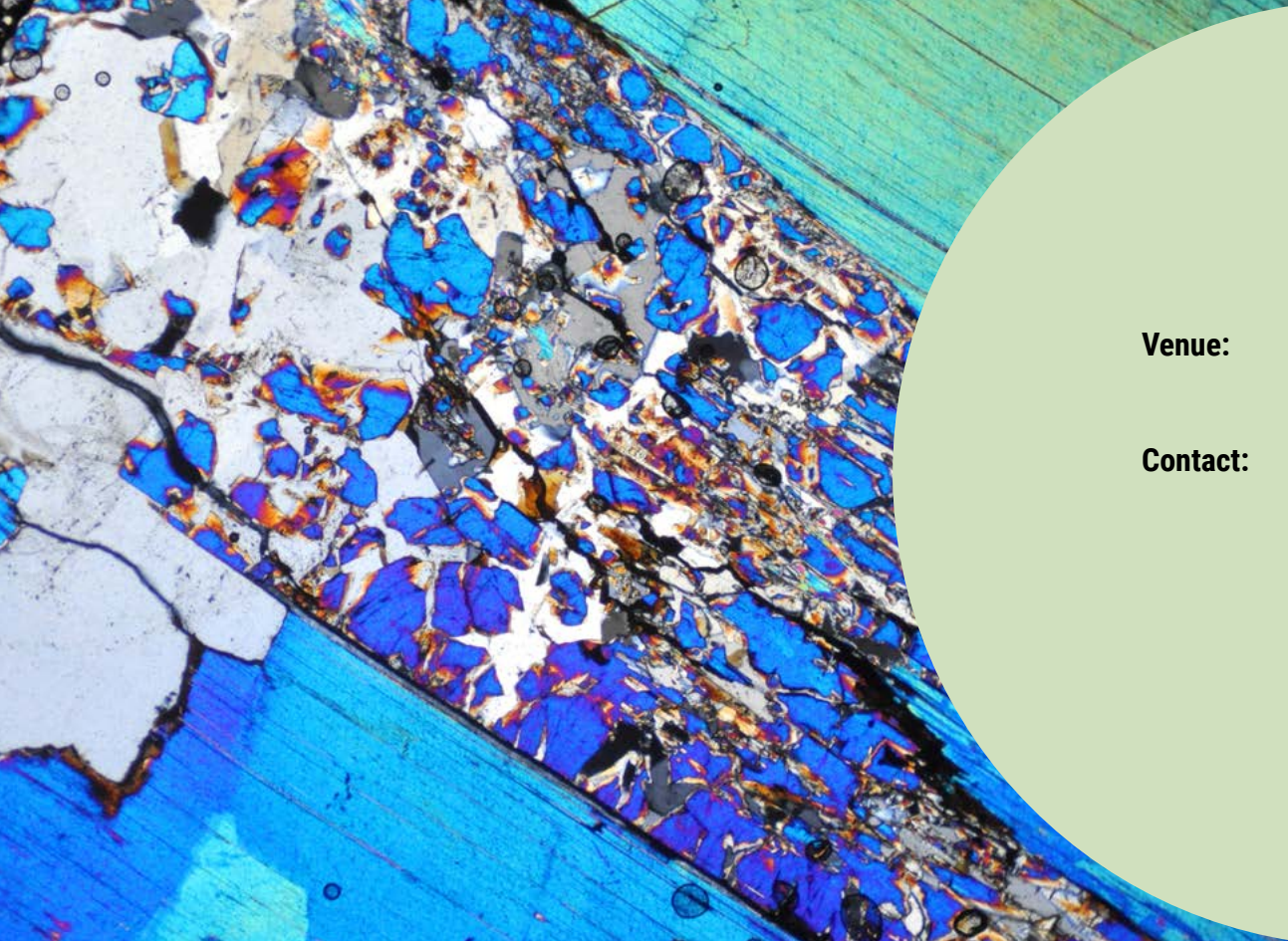
Timothy Marais, Head of Exploration, Andrada Mining Ltd.

**Discussion**

**15:45**            **Conclusion and outlook**

**16:00**            **End of conference**





**Venue:** Auditorium Ministry of Mines and Energy, 06 Aviation Road,  
Windhoek, Namibia

**Contact:** [contact@greenpeg.eu](mailto:contact@greenpeg.eu)



# Field trip to the pegmatite fields of the Erongo-Mountains



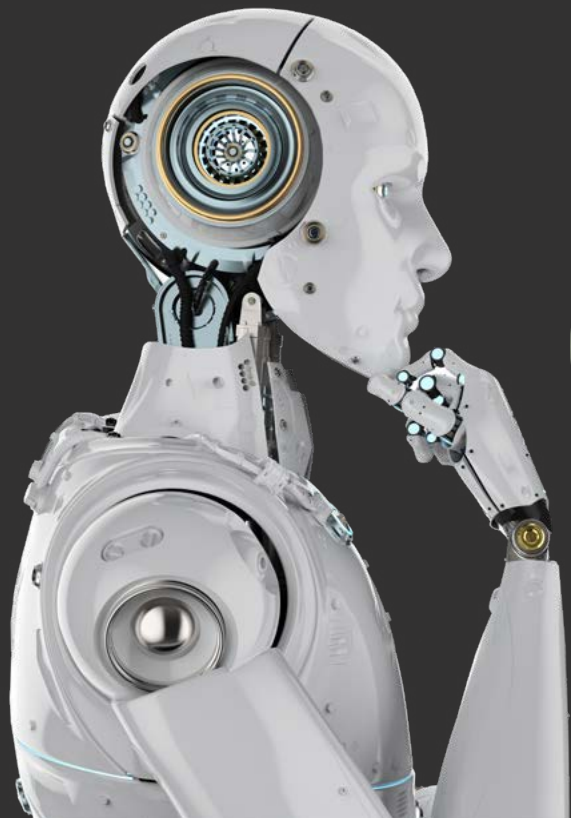
15 – 16 May 2024:

Two days excursion from Windhoek to the Karibib / Erongo mountains pegmatite complex with an overnight stay at Uitkyk Guest Farm, Usakos.  
<https://www.uitkykguestfarm.com/>

Limited participation!

*Fotos: Uitkyk*





## ***Why GREENPEG?***

Europe has a long history of natural resource use. However, in Europe, production requires a far more preparatory work from investors, including environmental and social impact assessments, public consultation, exploration regulation compliance and mine planning, than in other parts of the world. This preparation has to be pre-financed. To keep projects profitable, cost savings must be generated. This starts in the early stages of exploration projects, to quickly and reliably locate orebodies, to reduce risk involved in selecting drilling locations for that very cost-intensive phase of exploration. It is in this pre-drilling step that GREENPEG comes into play: decreasing exploration costs by use of a modular sequence of optimized exploration methods from ground, air and space-based information. Furthermore, GREENPEG results enable emissions to be reduced and thus requirements for fulfilling the legal requirements of the ESIA to be met better, which in turn can lead to more acceptance among those affected. GREENPEG helps to see things with new eyes, in the field and in cash!

**Join us, visit our website: <https://www.greenpeg.eu/>**