

# P1332 East African eXploration Initiative (EAXI)

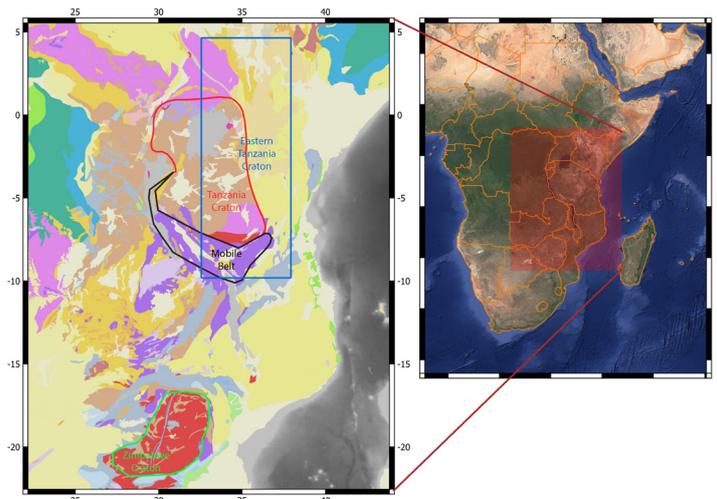
The East African eXploration Initiative (EAXI), Project P1322, is a long-awaited addition to the Exploration Initiative series. Building on the success of the well-established West African eXploration Initiative (WAXI), this first phase of EAXI is focused on developing a comprehensive program designed to improve the understanding of the base metal and gold exploration potential of East Africa. Through an integrated approach of research and data collection, the initiative aims to understand the region's geological "anatomy".

## EAXI

This 4-year program focuses on enhancing the knowledge of the base metal and gold exploration potential of East Africa by generating high-quality data and geological insights to support companies and governments in active exploration, with the overarching objective of understanding metal transfer processes across the lithosphere by investigating the unique and prospective East African geological record.

EAXI's initial focus is on the Archean Tanzania-Congo and Zimbabwe cratons, their bordering Paleoproterozoic to Neoproterozoic mobile belts (e.g., the Kuunga Orogen and the East African-Antarctic Orogen), and the influence of the East African Rift.

EAXI 1 countries include Tanzania, Kenya, Uganda, Zimbabwe, Rwanda, Burundi, Malawi and Mozambique.



## Program Components

### Regional Geological Integration

- Harmonisation of Regional Structural Architecture.
- Archean Greenstone Stratigraphy across East Africa.
- Multi-isotope systematics of mafic-related lithologies in the Tanzanian Craton: ages of emplacement and geodynamic settings.
- Tectono-metamorphic evolution/ Themochronological characterisation.
- Analysis of reworking and cratonic history in east African nuclei.
- Targeted experimental petrology as a tool for terrane selection and tracing of ore-forming processes.
- Combined datasets will be used to generate a geodynamic Atlas for the region.

### Mineral Systems Analysis

- Au Mineral Systems
- Li Mineral Systems
- Rare Metals Mineral Systems

## Capacity Building

- Professional short courses
- Knowledge transfer between Industry, Academia and Government.
- Training of local Geoscientists.
- Sustainability and ESG.

## Project Leadership and Collaboration

EAXI is led by the Centre for Exploration Targeting (CET) at the University of Western Australia, in partnership with a world-class consortium of academic and research institutions.

- Agate Project Ltd (Australia)
- Bureau de Recherches Géologiques et Minières (BRGM-France)
- Cardiff University (UK)
- CSIRO Mineral Resources (Australia)
- Curtin University (Australia)
- Eduardo Mondlane University (Mozambique)
- GET-OMP (Toulouse, France)
- IRD (France)
- James Cook University (Australia)
- Kansas State University (USA)
- Midlands State University (Zimbabwe)
- Mines Paris (France)
- Université Côte d'Azur (France)
- Université de Lorraine (France)
- University of Johannesburg (South Africa)
- University of Rwanda (Rwanda)

## Benefits to Sponsors

-  Access to all data collated at local and regional scales.
-  Enhance exploration success.
-  Maximise R&D Investment: Share the cost of high-value research and development with other sponsors.
-  Opportunity to define future research directions in the region.
-  Participation in professional training courses, workshops and seminars.

## Register your interest

Please register your interest in this project by contacting [redemina.bonnah@amira.global](mailto:redemina.bonnah@amira.global).

Here is an Expression of Interest Response form. Please scan the QR code or click on the link [P1322 EAXI EOI](#) Link to register your interest and stay informed about all project-related discussions.



## CONTACT US

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