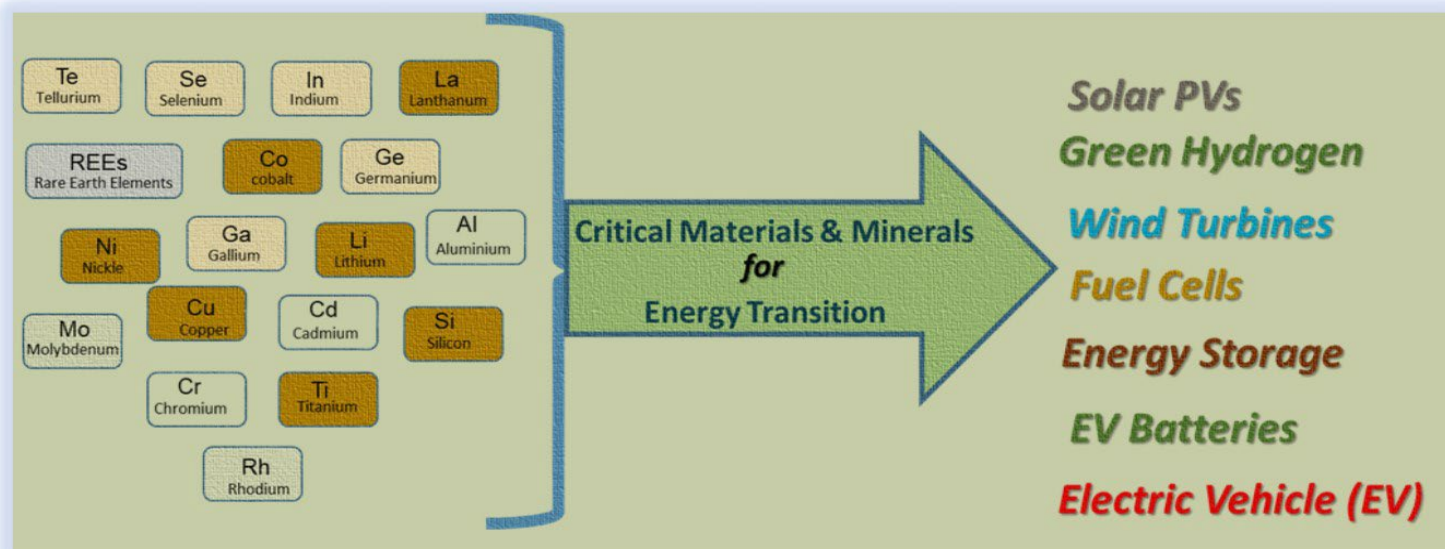


# Critical Minerals and Materials for Energy Transition: Challenges & Opportunities for Australia & Japan



**Date: Saturday 25 Feb 2023**

**Time: 10:00 am - 4:00 pm (Japan local time)**

**Venue: Central Library of Fukuoka University, Japan**

This workshop intends to bring together Australia and Japan's leading experts, industry, and researchers to share and discuss the challenges and opportunities facing the energy transitions and critical resources required, and explore future areas of research and industry collaboration. The workshop will increase awareness and encourage Australian and Japanese researchers/companies to participate in joint funded projects and exchange programs, and establish long lasting professional relationships with globally recognized organisations.

## Speakers:

Opening Remarks: Prof. Michael Hitch & A/Prof. Hussein Znad (Curtin Uni), Prof. Kenji Mishima & Prof. Mikio Ouchi (Fukuoka Uni)
Ms. Nicole Fasana, Investment & Trade Commissioner and WA Government representative (Tokyo office): TBC
Prof. Klaus Regenauer-Lieb, (Curtin University, Australia): <b>The next generation of Energy Engineering</b>
Prof. Jacques Eksteen, (Curtin University, Australia): <b>Sustainable critical minerals and materials supply chains: The role of processing technology.</b>
Prof. Chiharu Tokoro (WIAS, Waseda University, Japan): <b>Advanced Separation Technologies for Critical Metal Recovery from LiBs and PV Panels</b>
Prof. Jun Kubota, (Fukuoka University, Japan): <b>Electrochemical conversion of surplus electricity to ammonia or methane</b>
Mr. Junichi Sato (CEO of LE System, Japan): <b>VRFB and Sustainable use of Vanadium resources</b>
APROF Shinya SUZUKI: <b>What is a semi-aerobic landfill?</b>
Prof. Shigeo Oba (The Society of Chemical Engineers, Japan): <b>Transition of the Energy, share value by the Alliance</b>

**Registration:** Interested to join this free networking workshop? please send your name and affiliation to A/Prof Hussein Znad ([h.znad@curtin.edu.au](mailto:h.znad@curtin.edu.au)).

## Project Leads:

A/Prof Hussein Znad, Curtin University, Australia ([h.znad@curtin.edu.au](mailto:h.znad@curtin.edu.au)).

Prof. Kenji Mishima, Fukuoka University, Japan ([mishima@fukuoka-u.ac.jp](mailto:mishima@fukuoka-u.ac.jp))

Visiting Prof. Mikio Ouchi, Fukuoka University, Japan ([mikio.ouchi@curtin.edu.au](mailto:mikio.ouchi@curtin.edu.au))

## Organizers & Sponsors:

Curtin University- WASM:MECE (Australia); Fukuoka University (Japan), and co-host WIAS-Waseda University (Japan). This workshop is funded by the Australian Government Department of Foreign Affairs and Trade (DFAT) and Australia-Japan Foundation (AJF) (Grant Ref. AJF2022099)

<https://www.facebook.com/AusJapCMETNetwork>