

Project Week 2024/25

## Stakeholder Conflicts in Mining Critical Materials: Compromising in Sustainability Strategies, MGT001443 (4ECTS)



Image Source: [TripAdvisor – Abenteuer Erzberg, Eisenerz, Styria](#)

The aim of this [Project Week](#) is to expose TUM students to the challenges of mining, i.e. extraction of metals, minerals, and various materials critical for the EU and global decarbonization goals. During the project week, participants will (1) learn about economic, environmental, and societal impacts of mining and the controversy around them, (2) visit operational mining site to get real-world experience and exposure to the on-ground problems, and (3) participate in the virtual role-play multi-stakeholder negotiation process learning to resolve the disagreements and compromise on the pathway to SDGs (and strategies on achieving them), using an innovative AI-based tool, developed by the interdisciplinary TUM research team.

### Agenda:

- Kick-off Sessions: 8.10 & 11.10.2024 (each session: four hours)
- Site Visit to Erzberg Iron Ore Mine: 12.10 & 13.10.2024  
(*All expenses for the trip are covered.*)
- Stakeholder Negotiation Game: 13.-17.01.2025.
  - Collaboratively developing and evaluating the AI platform.
  - Simulating the negotiation process to discover strategies for sustainability.

### Application:

- Open to Master's students from second-year on from all backgrounds and departments.
- Submit a short motivation letter (max 200 words) to [gen.li@tum.de](mailto:gen.li@tum.de), detailing your background and specific interests in this project. Additionally, register for the course (ID: MGT001443) via TUM Online by **September 30, 2024**.