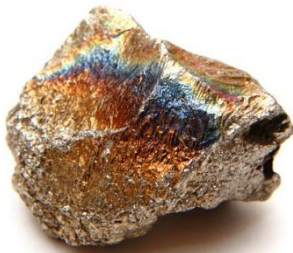


ESM

ENTWICKLUNGSFONDS SELTENE METALLE

The foundation "Entwicklungsfonds Seltene Metalle" (ESM) is a non-profit organization which aims to promote research and development in the field of critical and rare metals with a focus on their industrial application. The foundation was established in 1951 by Dr. O.H. Messner, Zurich, Prof. E. Baumann, Bern, and Robert DuBois, Saint-Légier sur Vevey.

The foundation has supported more than 25 projects with a total budget of more than two million francs in the last 20 years. It regularly organizes conferences and workshops about current issues concerning critical and rare materials. It provides a platform for information and exchange for experts from industry, academia and also the interested public. The foundation maintains a network of experts from Switzerland and Europe. Among others, the foundation is a member of the European Knowledge and Innovation Community "EIT Raw Materials", the World Resources Forum Association, the European Federation of Materials Scientists FEMS, the Sustainable Development Goals Delivery Group of the UN expert group for resources classification and the Swiss Academy for Engineering Sciences SATW.



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Project examples

Sustainable Management of Critical Raw Materials (SusCriMat)

- Modules for the teaching about rare metals are developed for autumn and winter schools
- Next schools: 24-26 Oct. 2018 at TU Delft, Netherlands; 16 Nov. 2018 at the Raw Materials Week in Brussels; 10 April and 8-10 July 2019 in Cambridge, UK

International Round Table on Materials Criticality (IRTC)

- Leading experts discuss current issues about criticality and write joint publications
- Next events: 9 October at the EcoBalance-conference in Tokyo; 14 Mai 2019 at the TMS (Minerals, Metals & Materials Society) Annual Meeting and Exhibition in San Antonio, Texas; November 2019 at the Raw Materials Week in Brussels

SATW TecDays

- Raising awareness of Swiss high school students for rare metals and the sustainable management of resources by using the board game «In the Loop»
- Next events: 7 Nov. 2018 in Baldegg; 29 Nov. 2018 in Olten; 15. Jan. 2019 in Lucerne

Teaching materials for geography classes

- Freely available teaching materials about critical materials as a supplement to existing geography coursebooks in collaboration with Hep publishing

