EXCITE Network







Access.

Expertise.

Training.

Tools.

Free-of-charge access to Electron and X-ray microscopy of Earth and environmental materials

World-class

State-of-the-art

Imaging facilities

European and

14 partner countries

Seléne van der Poel, Geertje W. ter Maat, Oliver Plümper, Richard J.F. Wessels & the EXCITE team Utrecht University, The Netherlands

Through the EXCITE² Network, researchers around the world can now explore complex processes in Earth materials across scales ranging from nanometers to decimeters. This yields unprecedented insights into critical areas such as environmental toxicity and human health, sustainable extraction of critical metals for renewable energy, and safe long-term storage of climate-relevant gasses.

the commitment to scientific excellence. sustainability, and societal impact, EXCITE² is shaping the future of Earth and environmental research. Interested in joining? Apply for transnational access via our open call!

EXCITE² brings together expertise and pioneers innovative services, tools, and training, to enhance the ability of users to address complex scientific challenges. Innovative services and tools include AI-driven data analysis and next-generation imaging technologies. Knowledge, expertise and training are offered through the EXCITE Academy.

Excite Academy

Open community and collaborative platform for sharing knowledge, tools, experiences and expertise via live and online events, as well as an open online searchable Academy hub.

Explore the Academy Hub



Transnational Acces Procedure Sign access agreement **Contact facility** Physical/remote access Submit proposal Proposal **Proposal** Access Reporting submission evaluation **Submit TNA report** Eligibility check **Technical feasibility** Publish data -Scientific review open access 5 months 2 months 1 month Also want to access state-of-the-art imaging and data processing facilities at world-class institutes? **Check out the** next open call

By fostering interdisciplinary collaboration between academia, industry, and diverse scientific fields, EXCITE² accelerates innovation and strengthens Europe's position in global sustainability efforts. The initiative actively supports capacity building through tailored training programs for early-career researchers, fully embedded within the principles of European open science.





























Portugal

Excite Network Electron Microscopy X-ray Microscopy Electron & X-ray Microscopy * Complementary Imaging Techniques ▲ Data Processing

