Prof. BEATE ORBERGER

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Nationality: German and French

Thirtyfive years of experiences in international project initiation, up-set, coordination, and management in the raw material sector.

- 2022-2025: General manager of the EIT Raw Materials projects DysCovery (www.dyscovery.eu), Scaleup (www.scaletechnology.eu), Valore (www.kic-valore.eu) and EU Magnesium.
- 2021-2024: General Manager of the EIT ScaVanger project (www.scavanger.eu).
- 2016-2020: Scientific coordination-management of European Commission projects H2020 project SOLSA (9.8 M€; sonic drilling and on-line-on-mine analyses), KIT-EIT (ANCORELOG: core-scanning system: 2.5 M€), Paired-X (XRF detector development for drill core analyses: 2.5 M€)
  Specialized in lateritic terranes: nickel laterite and bauxite, iron deposits, copper-porphyries.
- PhD supervisor (at present EU-EIT-KIC project Go-4-0, other industrial driven project: iron ore Brazil, South Africa, Australia).
- Lecturing, Research & Development in industry and academia including higher educational training of students at international level (e.g. Metallogeny short courses and web-seminars in Africa).
- Publishing in international journals (> 50 articles), scientific and journalistic articles, short course organization in Africa, communicating at international conferences (170), technical industry reports. www.catura.eu
  https://www.researchgate.net/profile/Beate_Orberge

Expertise

- Initiation, set-up, management, and coordination of national and international transdisciplinary projects in the raw materials sectors (networking and bridging academia, industries, and government institutions)
- Fundraising (European projects, ANR, bilateral projects, including industry and academia).
- Creating and conducting training courses, developing concepts and market strategies
- Critical analyses, combination, and interpretation of diverse geoscientific and economic data.
- Developing innovative proxies and smart solutions for exploration, mining and geometallurgical processing concepts.

- Directing Research
- EXPERT of EU H2020 proposal evaluation

Career History

Since 1/2016	President of CATURA Géosciences Conseil: www.catura.eu
Since 2016	Professor Economic Geology, Université Paris Saclay, France In-house consultant: ERAMET RESEARCH: SOLSA project (H2020; www.solsa-mining.eu)
Since 3/2016	EXPERT EU (H2020): resources: mining, processing, metal extraction, land-use
10/2011-6/2016	Expert Economic Geology, ERAMET RESEARCH, France, Scientific Coordinator H2020-SOLSA-Mining project ERAMET (2016-2019)
1997-9/2011	Professor Economic Geology, Université Paris Sud, Orsay, France
1993-1997	Associate Professor, Université La Rochelle, France
1990-1993	Research Associate, IPGP, Paris, France
1985-1990	Research Associate, RWTH Aachen, Germany

Academic Qualifications

1982: MSc Geosciences (Economic Geology, Mineralogy, Petrology), RWTH Aachen, Polytechnical University-Mining School, Germany.

1985: PhD (Mineral Ressources), Institut National Polytechnique de Lorraine (INPL) Centre de Recherche Pétrographique et Géochimique (CRPG), Nancy, France.

1997: Habilitation to Direct Research, Université Denis Diderot-Institut de Physique de Globe de Paris (IPGP), France

1997: BSc Thai language and civilisation; Institut National des Langues et Civilisations Orientales, (INALCO), Paris, France.

2022: Diploma in Corporate Governance, ESG-certificate (The Corporate Governance Institute, Dublin, Ireland (www.thecorporategovernanceinstitute.com) and The Glasgow Caledonian University, Scotland.

Professional Qualifications

- Certified European Geologist N° 1219
- Elected member of the Advisory Board: Society of Applied Geology (2016-2019)
- Fellow of the Society of Economic Geologists (SEG)
- Council Member of the Society of Geology Applied to Mineral deposits (SGA)
- Member of the European Association of Geochemistry (EAG), Societé Géologique Française (SGF),
- Alumina RWTH Aachen (VAG)