Global Material Flows and Demand-supply Forecasting for Mineral Strategies (MinFuture)

Project

Research Program

Horizon 2020

Duration

Dec 2016 - Nov 2018

MinFuture project website

Global demand for minerals is growing rapidly, driven by rapid population growth, urbanisation and an increasingly diverse range of technical applications. Global material supply chains linking the extraction, transport and processing stages of raw materials have become increasingly complex and today involve multiple players and product components. An interactive platform that provides transparency about existing approaches and information gaps concerning global material flows is needed to understand these global supply chains; developing this capability is critical for maintaining competitiveness in the European economy.

Against this backdrop, the MinFuture project aims to identify, integrate, and develop expertise for global material flow analysis and scenario modelling. This shall be achieved, inter alia, via the delivery of a 'common methodology' which integrates mineral data, information and knowledge across national boundaries and between governmental and non-governmental organisations, as well as through developing recommendations for a roadmap to implement the 'common methodology' at international level.

Ecologic Institute is leading Work Package 6 "Stakeholder dialogue, communication and impact-oriented dissemination", which aims to ensure that relevant stakeholders are continuously involved in project activities in order to co-define problems, identify all relevant data (gaps) on material flows and optimise the salience of the project findings for key target groups. As part of its project activities, Ecologic Institute will create a web-portal to provide a central access point for material flow information, including links to existing data sources, models, tools and analysis.

Funding

European Commission, Directorate-General Research & Innovation (DG Research & Innovation), International

Partner

Norwegian University of Science and Technology (NTNU-Trondheim), Norway
BIO by Deloitte, France
Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia
Geological Survey of Norway (NGU), Norway
Institut fÃ¼r Energie- und Umweltforschung Heidelberg (ifeu), Germany
Charles University, Czech Republic
Massachusetts Institute of Technology (MIT), United States
Polish Academy of Sciences, Instytut Gospodarki Surowcami Mineralnymi i EnergiÄ PAN , Poland
Natural Environment Research Council (NERC), United Kingdom
University of Southern Denmark (SDU), Denmark
Vienna University of Technology (TU Vienna), Austria
Ritsumeikan University, Japan
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Duration

Dec 2016 - Nov 2018

Project ID

2807

Keywords

Communication
Indicators
Resource Conservation + Circular Economy
Trade
Natural Resources Exploration and Exploitation, Industrial waste, International trade, Global material flows and supply, Material flows and stocks, Mineral strategies, System analysis, Waste, Primary and Secondary resources, Resource Classification, Demand and Supply forecasting
Global, Europe
Foresight / Forecast, Material flows analysis, System analysis, Demand and Supply forecasting

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