

Raw Materials



Mineral Raw Materials are essential for societal development and Europe's ambition for economic growth and well-being. The European Commission recognises the importance of Raw Materials through its Raw Materials Initiative (RMI) and its underpinning actions e.g. the European Innovation Partnership on Raw Materials (EIP-RM), Critical Raw Materials List, Copernicus for Raw Materials as well as the EIT Raw Materials and the European Battery Alliance. These common efforts of the European Union, Research Organisations and Industry result in the overall objective:

- The security and sustainability of mineral raw materials supply from EU domestic sources and other sources (primary and secondary); and
- The management of competing uses of the European surface and subsurface.

The four GeoERA Raw Materials projects [EuroLITHOS](#), [FRAME](#), [MINDeSEA](#) and [Mintell4EU](#) are joint efforts of 37 National and Regional Geological Survey Organisations and Marine Institutes from 29 countries in Europe and beyond serving these common societal needs. Shared expertise and information will aid to improve the EU Raw Materials Knowledge Base by addressing sustainable supply of Mineral Raw Materials from European on-shore and off-shore resources.

[EuroLITHOS](#) gives specific attention to ornamental stone resources for which Europe has a long tradition in mining, processing and usage. Increasing demand in maintaining cultural heritage sites and other construction works vindicate the specific attention given.

[FRAME](#) designed to research the Strategic and Critical Raw Materials (SCRM) in Europe to gain new insights into reserves and resources taking in to account also new technologies and developments. Europe long tradition in mining and its heaps and dumps will be investigated in view of SCRMs.

[MINDeSEA](#) focusses on exploration and investigation of SCRM from seafloor mineral deposits in European waters. Identifying areas for responsible resourcing and information on management and Marine Spatial Planning in European Seas are in its core of action.

[Mintell4EU](#) will focus on harmonizing data, providing spatial data and thematic maps. It will result in an updated electronic Minerals Yearbook and the extension of the spatial coverage and quality of data currently in the Minerals Inventory.

Foresight and forecasting of the raw material supply potential of Europe will become more reliable though increased data quality and its harmonization. Workshops and Training courses will add to ensure an improvement of the Raw Materials Knowledge Base for Europe.

GeoERA Raw Materials projects will create valuable, accessible and public data and information for policy-makers and end-users of geological data and minerals information in Europe. All outcome will be made public through the GeoERA Information Platform in line with the Raw Materials Information System ([RMIS](#)) the EU Science hub Raw of the European Commission.

Learn more about the project descriptions and details in [the GeoERA project page](#).

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