

HORIZON
2020

Optimising quality of information in RAw MAterials data collection across Europe

Fact Sheet

Project Information

ORAMA

Grant agreement ID: 776517

[Project website](#) 

DOI

[10.3030/776517](https://doi.org/10.3030/776517) 

Project closed

EC signature date

30 October 2017

Start date

1 December 2017

End date

30 November 2019

Funded under

SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

Total cost

€ 1 731 230,00

EU contribution

€ 1 731 230,00

Coordinated by

GEOLOGIAN TUTKIMUSKESKUS

 Finland

Objective

The ORAMA project focuses on optimising data collection for primary and secondary raw materials in Member States. A cornerstone to the EIP on Raw Materials is the development of the EU knowledge base on primary and secondary raw materials, commenced by a series of European-funded projects. As the next iteration, ORAMA addresses specific challenges related to data availability, geographical coverage, accessibility, standardisation, harmonisation, interoperability, quality, and thematic coverage in Member States.

ORAMA will analyse data collection methods and recommendations from past and ongoing projects to identify best practices, develop practical guidelines and provide

training to meet specific needs. These actions will demonstrate how to improve datasets for mineral occurrences, minerals intelligence data, economic, technical, environmental and social data for primary and secondary raw materials.

For primary raw materials, the focus is on harmonisation and improved coverage of spatial and statistical data, ensuring compliance with the INSPIRE Directive where appropriate. For Mining Waste, Waste Electrical and Electronic Equipment, End of Life Vehicles and Batteries, the focus is on developing 'INSPIRE-alike' protocols. The unified data model from the Minerals4EU and ProSUM projects will be applied to the datasets and outcomes will be combined with primary raw materials data. ORAMA will demonstrate how to create more robust Material Systems Analysis studies and reliable Sankey diagrams for stocks and flows of specific raw materials. Information is made accessible and compatible with the JRC's Raw Materials Information System to feed, for instance, future Raw Materials Scoreboard and Criticality Assessment studies.

In the long term, ORAMA empowers the wider EU raw materials community with necessary facts to support policy decisions and sustainable investments in the primary and secondary raw material industries.

Keywords

[Data collection](#)

[Critical Raw Materials](#)

[Primary Raw Materials](#)

[Mining waste](#)

[Secondary Raw Materials](#)

[End of Life Vehicles](#)

[Batteries](#)

[Waste Electrical and Electronic Equipment](#)

[INSPIRE](#)

[RMIS](#)

Programme(s)

[H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials](#) MAIN PROGRAMME

[H2020-EU.3.5.3. - Ensuring the sustainable supply of non-energy and non-agricultural raw materials](#)

Topic(s)

[SC5-15-2016-2017 - Raw materials policy support actions](#)

Call for proposal

[H2020-SC5-2016-2017](#)

[See other projects for this call](#)

Sub call

H2020-SC5-2017-OneStageB

Funding Scheme

[CSA - Coordination and support action](#)

Coordinator



GEOLOGIAN TUTKIMUSKESKUS

Net EU contribution

€ 269 812,50

Total cost

€ 269 812,50

Address

VUORIMIEHENTIE 5

02151 Espoo

+ Finland

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Participants (15)



BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES

France

Net EU contribution

€ 159 880,00

Address

3 AV CLAUDE GUILLEMIN
45060 Orleans 

Region

Centre — Val de Loire > Centre — Val de Loire > Loiret

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 159 880,00



CHALMERS TEKNISKA HOGSKOLA AB

 Sweden

Net EU contribution

€ 78 750,00

Address

-
412 96 Goteborg 

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 78 750,00



DEPARTMENT OF ENVIRONMENT, CLIMATE AND COMMUNICATIONS

 Ireland

Net EU contribution

€ 14 562,50

Address

**TOM JOHNSON HOUSE, HADDINGTON ROAD
D04K7X4 DUBLIN** 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 14 562,50



EIDGENOSSISCHE MATERIALPRUFUNGS- UND FORSCHUNGSANSTALT

 Switzerland

Net EU contribution

€ 74 750,00

Address

**UEBERLANDSTRASSE 129
8600 Dubendorf** 

Region

Schweiz/Suisse/Svizzera > Zürich > Zürich

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 74 750,00



GEOLOSKI ZAVOD SLOVENIJE

 Slovenia

Net EU contribution

€ 110 913,75

Address

DIMICEVA 14
1000 Ljubljana 

Region

Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 110 913,75



Geological Survey of Denmark and Greenland

 Denmark

Net EU contribution

€ 132 727,50

Address

OSTER VOLDGADE 10
1350 Kobenhavn K 

Region

Danmark > Hovedstaden > Byen København

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 132 727,50



AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

 Spain

Net EU contribution

€ 36 463,75

Address

CALLE SERRANO 117
28006 Madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 36 463,75



JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION

 Belgium

Net EU contribution

€ 99 157,50

Address

Rue de la Loi 200
1049 Bruxelles / Brussel 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 99 157,50



MAGYAR BANYASZATI ES FOLDTANI SZOLGALAT

 Hungary

Net EU contribution

€ 103 250,00

Address

COLUMBUS UTCA 17 23

1145 Budapest 

Region

Közép-Magyarország > Budapest > Budapest

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 103 250,00



UNITED KINGDOM RESEARCH AND INNOVATION

 United Kingdom

Net EU contribution

€ 210 215,00

Address

POLARIS HOUSE NORTH STAR AVENUE

SN2 1FL Swindon 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 210 215,00



NORGES GEOLOGISKE UNDERSOKELSE

 Norway

Net EU contribution

€ 38 625,00

Address

LEIV EIRIKSSONSV VEI 39

7040 Trondheim 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 38 625,00



TECHNISCHE UNIVERSITAT BERLIN

 Germany

Net EU contribution

€ 92 500,00

Address

STRASSE DES 17 JUNI 135

10623 Berlin 

Region

Berlin > Berlin > Berlin

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 92 500,00



UNIVERSITEIT LEIDEN

 Netherlands

Net EU contribution

€ 70 000,00

Address

RAPENBURG 70

2311 EZ Leiden 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 70 000,00



UNITED NATIONS UNIVERSITY

 Japan

Net EU contribution

€ 154 622,50

Address

JINGUMAE 5 CHOME 53-70

150 8925 Shibuya Ku Tokyo 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 154 622,50



WASTE OF ELECTRICAL AND ELECTRONICAL EQUIPMENT FORUM AISBL

 Belgium

Net EU contribution

€ 85 000,00

Address

BOULEVARD AUGUSTE REYERS 80

1030 Bruxelles / Brussel 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 85 000,00

Last update: 29 January 2025

Permalink: <https://cordis.europa.eu/project/id/776517>

European Union, 2025