Objective

The ProSUM project will establish a European network of expertise on secondary sources of critical raw materials (CRMs), vital to today’s high-tech society. ProSUM directly supports the European Innovation Partnership (EIP) on Raw Materials and its Strategic Implementation Plan calling for the creation of a European raw materials knowledge base.

Data on primary and secondary raw materials are available in Europe, but scattered amongst a variety of institutions including government agencies, universities, NGOs and industry. By establishing a EU Information Network (EUIN), the project will coordinate efforts to collect secondary CRM data and collate maps of stocks and flows for materials and products of the “urban mine”. The scope is the particularly relevant sources for secondary CRMs: Electrical and electronic equipment, vehicles, batteries and mining tailings. The project will construct a comprehensive inventory
identifying, quantifying and mapping CRM stocks and flows at national and regional levels across Europe. Via a user-friendly, open-access Urban Mine Knowledge Data Platform (EU-UMKDP), it will communicate the results online and combine them with primary raw materials data from the on-going Minerals4EU project. To maintain and expand the EU-UMKDP in the future, it will provide update protocols, standards and recommendations for additional statistics and improved reporting on CRM’s in waste flows required.

ProSUM – “prosum” is Latin for “I am useful” – provides a factual basis for policy makers to design appropriate legislation, academia to define research priorities and to identify innovation opportunities in recovering CRMs for the recycling industry. The EUIN enables interdisciplinary collaboration, improves dissemination of knowledge and supports policy dialogues. A consortium of 17 partners, representing research institutes, geological surveys and industry, with excellence in all above domains will deliver this ambitious project.

Field of science

/social sciences/political science/government systems/nongovernmental organization

Programme(s)

Topic(s)

Call for proposal

H2020-WASTE-2014-one-stage

Funding Scheme

CSA - Coordination and support action

Coordinator

WASTE OF ELECTRICAL AND ELECTRONICAL EQUIPMENT FORUM AISBL

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<th>Activity type</th>
<th>EU contribution</th>
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<td>Boulevard Auguste Reyers 80 1030 Bruxelles</td>
<td>Other</td>
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Website Contact the organisation
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<td>BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES</td>
<td>France</td>
<td>€ 359,997.50</td>
<td>3 Av Claude Guillemin 45060 Orleans</td>
<td>Research Organisations</td>
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<td>United Kingdom</td>
<td>€ 59,787.50</td>
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<td>CENTRAAL BUREAU VOOR DE STATISTIEK</td>
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<td>€ 84,668.75</td>
<td>Henri Faasdreef 312 2492 JP Den Haag</td>
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CHALMERS TEKNISKA HOEGSKOLA AB

Sweden

EU contribution

€ 164 656,25

Address

Acticity type

- 41296 Goeteborg

Higher or Secondary

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EuroGeoSurveys - EGS

Belgium

EU contribution

€ 130 250

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EIDGENOSSISCHE MATERIALPRUFUNGS- UND FORSCHUNGSANSTALT

Switzerland

EU contribution

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EUROPEAN COMPLIANCE ORGANIZATIONS FOR BATTERIES

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Geological Survey of Denmark and Greenland
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RECHARGE
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SVERIGES GEOLOGISKA UNDERSOKNING
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Activity type  
Other  

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EU contribution
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Activity type
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(excluding Higher or Secondary Education Establishments)

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