Annex I: Call Text

1. Project Information

<table>
<thead>
<tr>
<th>Project name:</th>
<th>RIS-RESTORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Partner:</td>
<td>Slovenian National Building and Civil Engineering Institute (ZAG)</td>
</tr>
<tr>
<td>RIS Task Partner Patron:</td>
<td>Bay Zoltan Nonprofit Ltd. for Applied Research</td>
</tr>
</tbody>
</table>

2. Project description

Red mud (BRM) is a hazardous solid caustic waste formed after the digestion of bauxite ore with sodium hydroxide in Bayer’s process for the extraction of alumina. More than 85 M tonnes of red mud from past metallurgical activities have been landfilled in the countries of the Western Balkans, Slovenia, Croatia, Greece and Hungary. These tailings contain substantial quantities of heavy minerals containing REE, Sc, Y, Zr, Hf, and Ti. The main objective of the project is to establish a self-sustaining network of Al value chain stakeholders, including potential users of extracted heavy minerals concentrates and potential users of recycling residues in building sector, within whose scope the zero waste extraction of valuable metals from red mud tailings would be established and optimised. Secondly, the project will evaluate the already existing Best Available Technology for gravitational and magnetic separation (which was originally developed for the extraction of heavy minerals out of different types of ores), and could be used for the extraction of heavy minerals from red mud. The activities will cover a large area of RIS ESEE eligible countries (i.e. Slovenia, Hungary, Croatia, Bosnia and Herzegovina, Montenegro, North Macedonia, and Greece).

It is expected that the establishment of such a self-sustained network of stakeholders along Al value chain will increase the competitiveness of regional value chains, from the prospecting of red mud tailings and the extraction of valuable raw materials in different targeted markets to environmentally-orientated technologies and the construction sector. Besides achieving increased competitiveness of the RIS region, the project will determine the stocks of REE, Sc, Y, Zr, Hf, and Ti in red mud tailings in the ESEE region, which is expected to significantly strengthen Europe’s independence from the import of raw materials by opening up new European secondary mining regions containing critical and other valuable raw materials.
3. Expected role of RIS Task Partner

Selected RIS task partner is expected to implement project tasks as listed below in the period June 2020 – December 2022:

1) Participating in WP3; Roadmap of a regional innovation scheme in the Al value chain
   o Co-Organization of the three day workshop in Hungary in 2021.
   o Actively building a network of relevant stakeholders
   o Cooperating in development of a regional roadmap for innovation in the field of zero waste Al chain, providing input for SWOT analysis
   o Cooperating in preparation of periodical newsletters
   o Cooperate in capacity building for academia industry and stakeholders

2) Participating in WP4; Evaluation of red mud tailings
   o Provide historical data and samples of the red mud tailing
   o Enabling access to the red mud tailing in Hungary and provide support during sampling and valorization of the tailing.

Beside active role in the technical work packages, task partner is expected to regularly report to the “patron” and project coordinator on the progress of the activities and financials according to EIT and EIT RawMaterials guidelines and actively disseminate the RIS-RESTORE project objectives and results.

4. Conditions for financial support

   a. Maximum amount of financial support

<table>
<thead>
<tr>
<th>YEAR</th>
<th>2020</th>
<th>2021</th>
<th>2021</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT Funding</td>
<td>13750</td>
<td>21250</td>
<td>12187</td>
<td>47.187</td>
</tr>
</tbody>
</table>
b. **Criteria for calculating the exact amount of the financial support**

Financial support to selected RIS Task Partners will be categorized under Article 13 of the SGA, “subgranting” and must be reported based on actual costs in the following cost categories:

<table>
<thead>
<tr>
<th>Cost category</th>
<th>Description</th>
<th>Evidence (non-exhaustive list)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct personnel</td>
<td>Actual personnel costs</td>
<td>Time sheets, payrolls, employment contracts, proofs on payment of salaries and social charges and taxes</td>
</tr>
<tr>
<td>Travel and subsistence</td>
<td>Travel, accommodation costs and applicable per diem in accordance with usual accounting principles of the RIS Task Partner related to participation in project related activities</td>
<td>Travel &amp; Expense policy, receipts, proofs on payment</td>
</tr>
<tr>
<td>Other direct costs</td>
<td>Other costs incurred in relation to Task Partner activities in the project (e.g. purchase of material, services, depreciation of equipment)</td>
<td>Expense policy, receipts, proofs on payment</td>
</tr>
<tr>
<td>Indirect costs</td>
<td>25% of all direct costs above mentioned</td>
<td>N/A</td>
</tr>
</tbody>
</table>


c. **Categories of persons / organisations that may receive financial support**

Private company with ownership/concession of the red mud tailing in Hungary. Additional requirements:

1) The volume of the tailing should contain at least 4 M tons of material.

2) The tailing represents a potential hazard for the local community and the environment.

3) Company is able to provide support during sampling and valorization of the tailing.

d. **Criteria for giving financial support and selection process**

**Criteria**

At the time of selecting a RIS Task Partner, the following criteria will be considered:

A. Task Partner comes from Hungary (RIS eligible country).
B. Task Partner is able to contribute to and maximize the impact of a RIS-RESTORE project coordinated by Slovenian National Building and Civil Engineering Institute.

C. The selected candidate shall provide the expertise in the raw materials sector as the legal entity with specific knowledge and access to the red mud tailing in Hungary. The expertise is in particular demonstrated by the following:
   i. Being the raw materials data owner and provider at regional / country level (e.g. geological data, mining properties inventory data, secondary deposits inventory data, etc.) and enabling the use of that data for the specific project;
   ii. Possessing sound knowledge of local regulations, legislation and policy including policy analysis, legal and economic and multi factor analysis and local regulations for intellectual properties (IP) and utilizing this knowledge for the purpose of the specific project;
   iii. Able to manage local raw materials sampling, sample handling and processing for use in a specific project;
   iv. Accredited measurement and analysis for locally taken raw materials samples for use in a specific project;
   v. Being the owner or having access to red mud tailing with 4 M tonnes capacity and enabling them for usage in a specific project;
   vi. Carry out research and development in the field of raw materials and conducting it or utilizing its results in a specific project;
   vii. Being a member of or affiliated with major raw materials networks (i.e. chambers or professional associations) in the RIS country of origin;
   viii. Representing and engaging the majority of types of legal entities in the RIS country of their origin (e.g. associations, chambers).

D. Main activity related to the project is performed in Hungary and wider in the ESEE region, focusing on countries with the red-mud tailings; Montenegro, Greece, Bosnia and Herzegovina and Serbia.

E. Credit will be given to RIS Task Partners contributing to local education and dissemination and communication activity.

F. A RIS Task Partner is coming from the Knowledge Triangle and/or strengthening the Knowledge Triangle Integration approach of EIT RawMaterials. In particular the Task Partner should be one of the following:
   - Industry representative / company active in the field of raw materials
   - Association / Chamber related to raw materials sector
   - Other stakeholder contributing to raw materials sector.

Selection process
In case there are several organisations or persons that qualify for the Tasks to be implemented, the selection will be based on the following:

- For each Type of Activity a rating between 1 (poorly meeting the criteria) and 3 (criteria met by 100%) will be given;
- Based on the sum of the individual ratings a ranking of organisations will be established;
- For establishing the consortium the partner ranked 1st will be approached, in case this potential partners refuses to become a partner the 2nd ranked potential partner etc. will be contacted.

**Application Form**

All applications must be submitted using the Application Form available via this link: http://ris-restore.zag.si/

**Submission of application / contact details for more information**

The application must be submitted to alexandra.nemeth@bayzoltan.hu by 9th of June 2020, at 13:00 CET.
The following persons can assist you in case of questions:

Alexandra Németh  
+36-30-403-9172  
alexandra.nemeth@bayzoltan.hu