



Annex I:

EIT Raw Materials – Call for Reco2mag Task Partner’s selection

1. Project information	
Project name:	RECO2MAG. Grain boundaries engineered Nd-Fe-B permanent magnets
Lead Partner:	Jozef Stefan Institute
RIS Task Partner Patron:	Geological Survey of Slovenia

2. Project description

RECO2MAG builds on recent research innovations for creating radically more raw-materials efficient permanent magnets by utilising novel grain boundary diffusion via electrophoresis for reducing the Dy in the magnets developed by the Jozef Stefan Institute and re-engineering the processing of sintered NdFeB PMs currently produced by Slovenian PM manufacturer Magneti Lj. These new PMs have been developed to laboratory scale (TRL 3-5) to be used in next-generation high-efficiency electric motor designs (constructed by automotive supplier company Valeo). These technical innovations are assessed with comprehensive LCA and LCC analysis done by the Swedish Environmental Research Institute and are coupled with a comprehensive rare-earth-element (REEs) discovery and feasibility study undertaken by the Geological Survey of Slovenia and the Universities of Zagreb and Beograd. This study will identify and connect REE deposit owners with technology developers and potential processors and users in the European region and help further reduce imports and ensure a more sustainable and independent EU PM and raw materials industry. RECO2MAG gathers the needed complementary expertise of key players from geology, material science, physics, and chemistry with industrial PMs processing and electric motor designs, coming mainly from RIS countries (Slovenia, Croatia and Serbia, joined by France and Sweden), from academia (UNIZG-RGNF, UNIBG) and research (JSI, GeoZS, IVL) with an SME (Magneti Ljubljana) and industry (Valeo). RECO2MAG’s ultimate goal is to combine geological, technical and economic data for advanced PM manufacture with sustainable LCA and LCC product chain organisation bridging the knowledge transfer gap in REEs and PMs to complete the knowledge triangle in RIS countries (Slovenia, Croatia), thus expanding currently fragmented expertise into a strong and long-lasting network to improve innovation capacity in PM production value chains.



3. Expected role of RIS Task Partner

Selected RIS task partner is expected to implement project tasks as listed below in Montenegro in the period May 2022 – December 2023:

- Cooperation in WP1, WP2 and WP6 - activities according to GeoZS's guidelines and participation at project meetings.
- Knowledge of the geology of Montenegro and the wider region of the West Balkan.
- Knowledge of primary and secondary mineral deposits, especially bauxite and red muds in Montenegro and the wider West Balkan region.
- Expressed participation in domestic, and especially in European projects related to mineral resources (bauxite and rare earths elements) in primary and secondary deposits.
- Articles and presentations at conferences on mineral resources, especially bauxite and rare earths elements.
- Organization skills.

4. Conditions for financial support

a. [Maximum amount of financial support for each third party \('recipient'\)](#)

Selected RIS Task Partner will receive funding via the Task Partner Patron Geological Survey of Slovenia. Funding for RIS Task Partner will not exceed annual amounts defined in the following table:

RISK TASK PARTNER FINANCIAL SUPPORT			
YEAR	2022	2023	TOTAL
Funding in €	16.500	16.000	32.500

b. [Criteria for calculating the exact amount of the financial support](#)

Financial support to selected RIS Task Partner will be provided based on actual costs incurred.

c. [The different types of activity that qualify for financial support, on the basis of a closed list](#)

Financial support to selected RIS Task Partner must be reported based on actual costs in the following cost categories:



Cost category	Description	Evidence
Direct Personnel	Actual personnel costs	Timesheets, payrolls, employment contracts, proofs of payment of salaries, social charges and taxes
Travel and Subsistence	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.	Travel and expense policy receipts, proofs of payment (where applicable)
Other Direct Costs	Other costs incurred in relation to Task Partner activities in the project	Receipts, proofs of payment (where applicable)
Indirect Costs	25% of all direct costs mentioned above	N/A

d. [The persons or categories of persons that will be supported](#)

RIS Task Partner supported under this call will be research institutes/organizations active in the field of raw materials.

e. [Criteria and procedures for giving financial support](#)

Criteria

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

- A. Task Partner comes from Montenegro.
- B. Task Partner is able to contribute to and maximize the impact of RECO2MAG project.
- C. The selected candidate shall provide the expertise in the raw materials sector as the **legal entity** with specific knowledge, access to data-set or equipment available in Montenegro. The expertise is in particular demonstrated by the following:
 - i. Possessing sound knowledge of local regulations, legislation and policy including policy analysis and utilizing this knowledge for the purpose of the specific project;
 - ii. Able to manage local raw materials sampling, sample handling and processing for use in a specific project;
 - iii. Knowledge of professional events organization with raw materials stakeholders



- iv. Being the owner or having access to certain local raw materials sites / test sites or materials/processes and enabling them for usage in a specific project;
- D. Main activity related to the project is performed in Montenegro.
- E. Credit will be given to RIS Task Partners contributing to local education and dissemination and communication activity in Montenegro.
- F. A RIS Task Partner is coming from the Knowledge Triangle and/or strengthening the Knowledge Triangle Integration approach of EIT RawMaterials.

Selection process

In case there are several organisations that qualify for the Tasks to be implemented, applications received will be assessed by the evaluation committee on the basis of the following scoring grid and according to the pass thresholds for the award criteria indicated below.

For each Type of Activity a rating between 1 (poorly meeting the criteria) and 3 (criteria met by 100%) will be given.

Table 1: Scoring Grid

Criteria	Pass Threshold	Score (1-3)
Organisation possesses sound knowledge of the areas mentioned under chapter C.i. and will utilize this knowledge for the purposes of the project.	2	
Organisation is able to manage local raw materials sampling, sample handling and processing for use in the project.	2	
Organisation can carry out professional events with raw materials stakeholders	2	
Organisation is the owner or has access to certain local raw materials sites / test sites or materials/processes and will provide access to these sites to the project.	2	
If selected, organisation will contribute to local education, dissemination and communication activities in its country of origin.	2	

Based on the sum of the individual ratings a ranking of organisations will be established.



The entity ranked 1st will be approached, in case this potential entity refuses to become a Task Partner the 2nd ranked potential entity etc. will be contacted.

Proposals will be selected on the basis of the evaluation results and the pass thresholds.

Submission of application / contact details for more information

The application must be submitted to
https://webportalapp.com/sp/ris_taskpartnerselection_2022, by May 1st, at 23.59 CET.

The following person can assist you in case of questions:

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