



I4-GREEN

I4-GREEN
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| Description of the related task and the deliverable. Extract from DoA | <p>T7.4 Policy makers communication package (M1-M28) Lead Beneficiary: ISMC, Contributors: ICA, ACPMR, ALL</p> <p>A Policy Brief will be drafted to summarise I4-GREEN activities and insights that can be taken up to promote the sustainable supply of raw materials for the Green Transition. This and other documents/tools will be disseminated to EU/ national/local public bodies, clusters and SMEs. We will draw on partners' direct contacts, our formal networks (TSSP, ICEI Alliance, ERMA, etc.) as well as supporting 'enablers' (WP5).</p> | | | |
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1. Policy Brief

Raw materials are indispensable for any production process and are the start of the industrial value chain, so a sustainable supply of raw materials is the key to the Green Transition.

The following information is based on the main activities of I4-GREEN, a project that aims to promote the sustainable supply of raw materials. The resulting recommendations have been worked on for dissemination to local, national and EU public bodies, clusters and SMEs so that these ideas can serve as a basis for promoting sustainable raw material supply for the green transition. These efforts should encourage innovation, support research into alternative sources and minimise the social and environmental obstacles associated with materials extraction.

Within the recommendations collected, the important role played by regions as well as SMEs can be highlighted. In this way, different actions are put forward that can help to boost them by promoting the whole raw materials value chain, as well as the importance of policy and investment in the sector, both public and private. Furthermore, the dissemination of such activities to raise awareness among the society about the importance and benefits that offers sustainable mining as well as new technologies is crucial.



SUSTAINABLE SUPPLY OF RAW MATERIALS FOR THE GREEN TRANSITION

EXECUTIVE SUMMARY

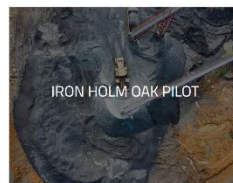
I4-GREEN is focused on promoting the integration of circular and sustainable technologies in EU mining regions through interregional ecosystem integration. This document has been drawn up following the development of I4-GREEN activities and insights that can be taken up to promote the sustainable supply of raw materials for the Green Transition. It is aimed at government policymakers and others who are interested in formulating or influencing policy in order to identify suitable interregional actions to engage in interregional collaboration opportunities.

INTRODUCTION

Interregional collaboration is a crucial component for regional innovation ecosystems. Therefore, this policy brief explores the role of Interregional Innovation Investments (I3) Instrument to catalyze cross-border collaboration and spur innovation across Europe.

I3 Challenges handled by I4-GREEN:

- Bringing the I4-GREEN Interregional Ecosystem to scale
- Direct Financial support to SMEs Innovation Projects
- Open Call Procedure
- Integration with Smart Specialisation Strategies & Platforms



Sustainable raw materials production is the basis of the EU economic security and autonomy so technology development is needed to achieve EU targets in the Green Deal.

This policy brief summarises the main points from the I3 to support regional policymakers in better navigating innovation procurement policies.

PARTNERS:



ASSOCIATED PARTNERS:



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SUSTAINABLE SUPPLY OF RAW MATERIALS FOR THE GREEN TRANSITION

POLICY RECOMMENDATION 1. REGIONS PLAY A CRUCIAL ROLE, EVEN MORE IMPORTANT THAN IN THE DEVELOPMENT OF RESEARCH PROJECTS

The Regions may promote the research of their endogenous resources by improving:

- The attractiveness for investments /investors
- Integrate Mining in the land use planning
- Permits and policy
- Acting as a channel to national governments
- Cooperation with other mining regions in the TSSP Mining and related S3CoP services to boost regional innovation partnerships

POLICY RECOMMENDATION 2. STRATEGIC SUPPORT FOR LOCAL ECOSYSTEMS

Strategic support for SMEs local ecosystems to make the full value chain resilient and adaptative to the actual and future needs.

It is needed:

- Create a meta-cluster in raw materials
- Link the effectiveness of clusters with the strength of mining associations
- Use clusters as a vehicle to fund SMEs in the raw materials sector, guiding them in a path to green their activity – green funding

POLICY RECOMMENDATION 3. RAW MATERIALS ARE A KEY ELEMENT IN THE JUST TRANSITION – SUSTAINABLE MINING!

Many regions under the Just Transition are rich in CRMs, thus a movement to sustainable mining of essential raw materials is possible

It is needed:

- To introduce the concept in the Just Transition actions
- Map the regions that comply with this fact, study actions with the local unions and authorities to favor investments and projects

POLICY RECOMMENDATION 4. FOSTER THE SUSTAINABLE MINING – IMPROVEMENT AND POLICY APPLICATION

Foster the sustainable mining, work in the improvement and the application of the policy. Avoid the 'not in my backyard' position.

It is needed:

- Foster communication with the general public to improve social acceptance
- Serious technical and scientific discussions with the NGOs and ecologists groups to achieve consensus and work together for a sustainable supply of raw materials
- Implement at the regional scale the European Critical Raw Materials Act to ensure a secure and sustainable supply of key raw materials in EU

POLICY RECOMMENDATION 5. RAW MATERIALS AND INVESTMENT IN THE TERRITORY WALK TOGETHER BY THE HAND

It is needed:

- Support the private investment in raw materials
- Educate the investment firms
- Find synergies private-public to generate local fostering of solid projects
- Actions support by EU commission – EU bank of investments priority
- Negotiations between the EU commission with national governments for the use of recovery funds and regional development funds on the support of 'solid & sustainable' raw materials investment projects

I4-GREEN aims to drive and boost green, circular, and social tech deployment through joint investments, to ultimately reduce the EU dependence on imports of CRM and the negative impact on the environment of their extraction and processing



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