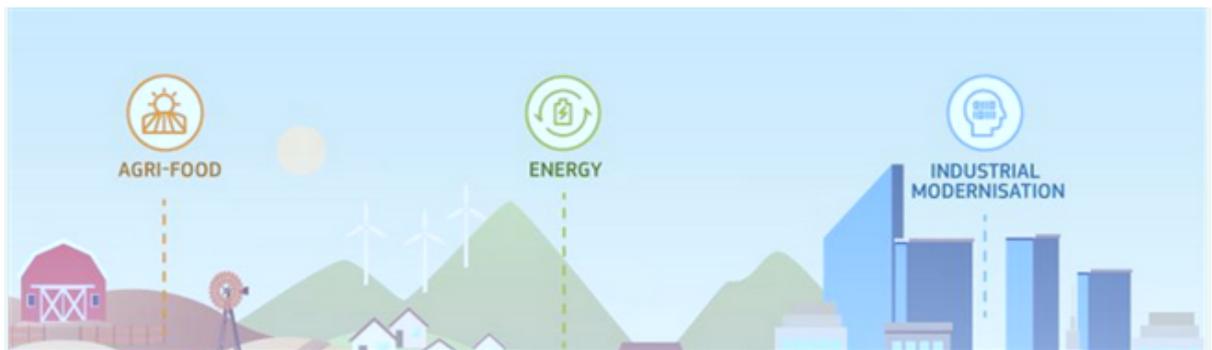


Thematic Smart Specialisation Platforms Monitoring Progress Report

Fields marked with * are mandatory.



Thematic Smart Specialisation Partnership Monitoring Progress Report

This report is presented to the relevant Working/Steering Committee.

The report is updated every six months.

Confidentiality:

The management report (section I) and progress report (section II) will be made available to the public via your Partnership's web page.

The part on self-assessment is confidential.

Based on the monitoring results, the European Commission will decide on the following term's support.

* Reporting period

January - June 2020

* Please select the name of your partnership

Mining industry

*** Start date of your partnership**

Fall 2019

Partnership's webpage

<https://s3platform.jrc.ec.europa.eu/mining-industry>

I. Management report

*** Please provide the executive summary and the objectives of your partnership**

Mining industries partnership could play the core role in the delivering Green deal, the transition towards a climate-neutral sustainable EU economy. It is resource-intensive and strongly depends on the availability of the raw materials, particularly of the critical raw materials (CRM). Securing a sustainable supply of metals and minerals is vital to meet EU energy and climate targets for 2030. It is expected that EU demand for raw materials will double by 2050. At the same time when the effort is put into the development of the circular economy such as recycling and urban mining systems or expanding the use of secondary materials, the primary production – mining - will remain its importance still many decades to come.

Mines are very much place-based and cannot be moved and regional ecosystems are the focal points in the development of sustainable raw material production. The focus area of this thematic partnership is the Mining Industry and its related industries. The background for this partnership is in the Interreg Europe project Remix and the H2020 project MIREU. This partnership operationalises the work of these projects and shift the focus on inter-regional investments and developing stronger regional and inter-regional value chains related to mining.

Metals and minerals are the basis for most industrial production processes, and they provide both everyday products and novel solutions for modern infrastructure and technologies. The demand for raw materials has been growing, and is expected to grow further, due to globally increasing living standards and population. Therefore, from the EU perspective there exists a growing need to increase the level of self-sufficiency in raw material production including increase of domestic production of raw materials and better recycling procedures.

SMEs have a key role in achieving the goals on growth and increasing employment figures. In mining and related industries, the integration of SMEs at regional level to mining value chains is the starting point in this partnership. In interregional activities, the regions and SMEs can explore their capabilities and position in value chains and facilitate their integration to European and global value chains.

The aims of the partnership are:

- to strengthen the regional and interregional innovation capacity to facilitate investments, growth and employment in mining industry, related industries and services in regions
- to identify novel opportunities for joint demonstration between regions based on the survey and mapping exercise conducted in the early phase of this partnership
- to spread the knowledge of expert organisations to support regional growth and new business and work opportunities, and to create also a solid European collaboration among the regions involved in this initiative

The main objectives of the modernisation of the mining industry is to become a more sustainable, energy- and resource sufficient sector that is globally competitive and that provides innovative solutions. Special focus is placed on investment projects including SMEs with active participation in the whole ecosystem, including large enterprises, academia and civil society. Based on the recent developments in the mining sector, the special focus of the partnership is in following key themes which are found to be relevant in the EU context: SMEs and Global Value Chains, sustainable mining, social acceptance of mining and education and training in mining and related industries.

*** Please provide the list of leading regions**

North Karelia Finland and Lapland, Finland

*** Please provide the list of participating regions.**

If possible, please follow this format: "Name of the region in English (Country abbreviation), NUTS code".

e.g.: Lapland (FI), FI1D7

Lapland (FI) FI1D7
Kainuu (FI) FI1D3
North Karelia (FI) FI1D7
Västerbotten (SE) SE331
Castilla y'Leon (ES) ES41
Andalusia (ES) ES61
Asturias (ES) ES12
Cenrto Portugal (PT) PT16
Stereia Ellada (GR) EL24

Please provide the list of interested regions or other entities (other than national /regional authorities)

Communication with MIREU partner regions

Please provide an overview of the **working areas** of your partnership

	Working area	Region in charge	Involved regions	Other actors
1	Upgrading SME competitiveness in mining -> industrial services	In progress		
2	Sustainability of mining	In progress		
3	Regional and interregional mining development centres	In progress		
4	EU strategic value chains – integrations of the mining operations in the regions with global /EU level industrial value chains	in progress		
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6				
7				
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10				

Please provide information regarding past meetings, workshops and dissemination activities (six months prior to filling out the survey)

	Event	Date	Place	Any other information
1	Results of the scoping note - next step	12-13.2.2020	Kemi, Finland	
2	Exploring the project ideas, regional analysis	11.3.2020	online	
3	Regional analysis - mining steps and involvement of the regional industries	15.4.2020	online	
4	Mining regions - role in the future EU Scoping note final	28.5.2020	online	
5	Project ideas	25.6.2020		
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Please provide information regarding planned future meetings, workshops and dissemination activities

	Event	Date	Place	Any other information
1	Partnership meeting - joint initiatives	September	Online	
2	Online match-making - Capacity and business plan development	October/November	Online	
3	MIREU and CoMMER in rawmaterial week	November	Online	
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II. Progress report

Innovative results

Please describe innovative results and achievements that could be attributed to the partnership (specific examples of results vs. objectives)

Next report

Tangible short- and medium-term socio-economic impacts achieved or expected (specific examples)

The partnership will develop at least 3 interregional initiatives supporting the regional investments and at least one will lead to TAF proposal by the end-of-year 2020. Besides, the partnership will act as an intermediary to create a more permanent EU level operating environment assisting in the sustainable critical raw material production.

That will require more active regions in the partnership and close collaboration with the CoMMER - Council of Mining and Metallurgy Regions of EU. CoMMER will be officially launched by the end of 2020 as a last delivery of MIREU H2020 project.

Inter-regional and inter-partnership collaborative results

Additional results obtained from working with other partnerships under the thematic S3 Platforms (specific examples)

Discussion about the collaboration with Advanced materials for batteries

Evaluation of the involvement of relevant business sector (clusters, SMEs, business associations, chambers of commerce, Digital Innovation Hubs (DIHs), etcetera) in the Partnership activities (specific examples)

- Partnership is aiming to involve regional clusters and necessary business associations to be core players in match-making engaging the industry.
- 8 regions have provided the matrix showing the main operators in the regional mining and metallurgy value chain and services and industrial services subcontracted by the core operators in the regional mining value chain.
- The role of the DIH has not been yet discussed but will be on the agenda during the next period

Evaluation of whether the level of inter-regional cooperation is sufficient to potentially provide practical and relevant socio-economic impacts (specific examples)

Securing a sustainable supply of metals and minerals is vital to meet EU energy and climate targets for 2030. When the effort is put into the development of the circular economy such as recycling and urban mining systems or expanding the use of secondary materials, the primary production – mining and metallurgy (M&M) - will remain its importance still many decades to come. That will bind the regions as an operational starting point of the supply and industrial value chains.

Mining projects are carried out at the regional and local levels and therefore in future the regions will play the key role in ensuring a continued supply of CRM to the European economy. Regional ecosystems are the focal points in the development of the sustainable M&M industries in EU.

New activities

Involvement of regions from EU13 Member States in the Partnership, in particular with respect to scoping, mapping and/or matchmaking. In addition, justification should be provided if no EU13 regions are involved

Involvement of regions/countries from outside of EU28 Countries. (Number of participants from non-EU countries (specify their contribution)

Advancement and promotion of the Partnership through publications and other communication/outreach activities (number of outreach activities that resulted from the partnership)

- 30.6.2020 Clusters for Next Generation EU Dialogue between European Commissioner Thierry Breton and European Clusters Alliance, Presentation - Delivery of the interregional collaboration and strategic approach
- clusters are the engines to distribute sustainable economic transformation in the region Kristiina Jokelainen
- 24.6.2020 European Alliance Against Coronavirus Daily Webinar, Partnership of Industrial Modernisation Platforms
- 25.5.2020 MIREU Online workshop: Funding tomorrow's raw materials sector How can administration make use of the public incentives from the EU? Santiago Cuesta Lopez
- Regional and national introductions of the partnership

Activities and projects with partnerships working under other S3 Thematic Platforms (AgriFood, Energy and Industrial Modernisation)

Collaboration with the Advanced materials for batteries - initiative to organise joint online match-making event

Your Partnership and the UN 2030 Sustainable Development Goals (SDGs)

The EU has a strong position when it comes to sustainable development and is also fully committed to be a frontrunner in implementing the UN's 2030 Agenda, together with its member countries and regions. Many interregional partnerships under the thematic S3 Platforms contribute strongly to the attainment of these 17 goals.

Please indicate to which Sustainable Development Goals and to what extent your thematic Partnership contributes?

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Not applicable
Goal 1. End poverty in all its forms everywhere	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 2. End hunger, achieve food security and improved nutrition & promote sustainable agriculture	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 3. Ensure healthy lives & promote well-being for all at all ages	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 5. Achieve gender equality & empower all women and girls	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 6. Ensure availability and sustainable management of water and sanitation for all	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment & decent work for all	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation & foster innovation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 10. Reduce inequality within and among countries	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 11. Make cities & human settlements inclusive, safe, resilient and sustainable	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 12. Ensure sustainable consumption & production patterns	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 13. Take urgent action to combat climate change and its impacts	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 14. Conserve and sustainably use the oceans, seas & marine resources for sustainable development	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation and halt biodiversity loss	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 16. Promote peaceful & inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>