



## D2.1 – Project website design and initial promotion materials (logo, templates)

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### WP2 – Dissemination and communication



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 690388

## Document description

<b>Project</b>	Vision and Roadmap for European Raw Materials
<b>Acronym</b>	VERAM
<b>Grant Agreement</b>	690388
<b>Funding Scheme</b>	Horizon 2020
<b>Webpage</b>	<a href="http://www.veram2050.eu">http://www.veram2050.eu</a>
<b>Project Coordinator</b>	ETP SMR
<b>Work Package</b>	WP2
<b>Work Package Leader</b>	Cefic
<b>Deliverable Title</b>	Project website design and initial promotion materials (logo, templates)
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<b>Deliverable Leader</b>	Cefic
<b>Version</b>	2
<b>Status</b>	Final
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### *Dissemination level:*

X	PU	Public
	PP	Restricted to other programme participants (including the Commission Services)
	RE	Restricted to a group specified by the consortium (including the Commission Services)
	CO	Confidential, only for members of the consortium (including the Commission Services)

### *Document history:*

Version	Date	Authors	Description
1	29/02/2016	Antonia Morales Perez (Cefic)	Website snapshots only
2	29/08/2017	Henk Pool (Cefic), Patrick Wall (ETP SMR)	Added all relevant content (logo, templates, etc.)

## **Disclaimer**

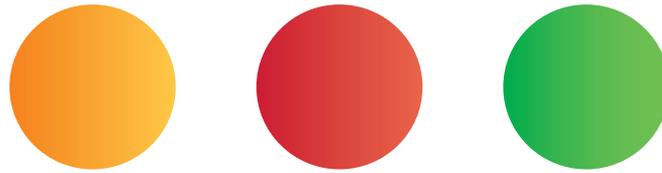
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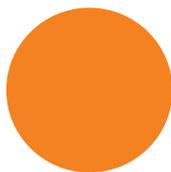
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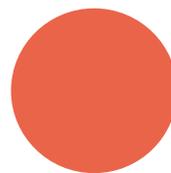
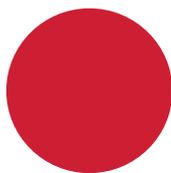
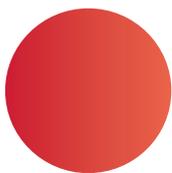
## VERAM Logo





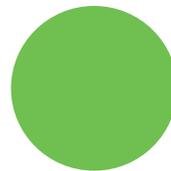
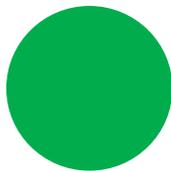
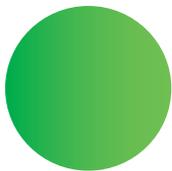
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RVB : 255, 197, 94  
Héxa : #FFC55E



CMJN : 13, 100, 86, 4  
RVB : 208, 27, 54  
Héxa : #D01B36

CMJN : 0, 74, 72, 4  
RVB : 236, 98, 81  
Héxa : #EC6251



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RVB : 0, 171, 90  
Héxa : #00AB5A

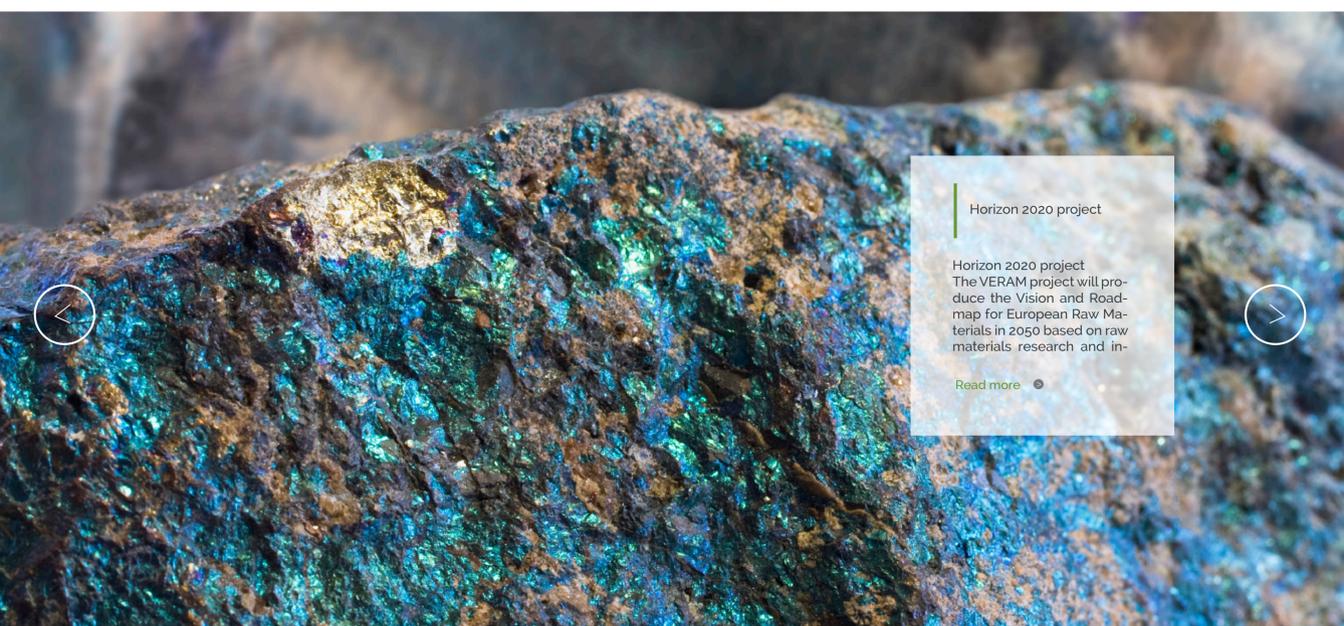
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RVB : 106, 191, 97  
Héxa : #6ABF61

VERAM

Typographie: Exo

## **VERAM Website**

[www.veram2050.eu](http://www.veram2050.eu)



### Horizon 2020 project

Horizon 2020 project  
The VERAM project will produce the Vision and Roadmap for European Raw Materials in 2050 based on raw materials research and in-

[Read more](#)

### Vision 2050

The final result of the activities will be a common long term 2050 vision and roadmap towards this vision for the relevant raw materials, including metals, industrial minerals and aggregates and wood.

This is for the first time that two ETPs together with their corresponding ERANETs are joining forces to develop a common roadmap.

All participants who are members of various platforms and other networks will be invited to contribute to the definition of the vision by their own input, but also as facilitators for identifying other key stakeholders who can bring expertise.

To achieve these important objectives, the VERAM partnership includes representatives of all the major stakeholder networks along the different raw material value chains, represented by the ETPs, the ERA-NETs as well as the EIT KIC on Raw Materials.

[Read more](#)



### Project Objectives

VERAM aims to provide an umbrella and coordination function for the raw materials-related research and innovation activities across the relevant ETPs and their national technology platforms (while maintaining the flexibility and individual visions of each ETP network) as well as related other stakeholders across the raw materials value chain in order to increase synergies and facilitate uptake of research results and innovation across the sectors and their value chains.

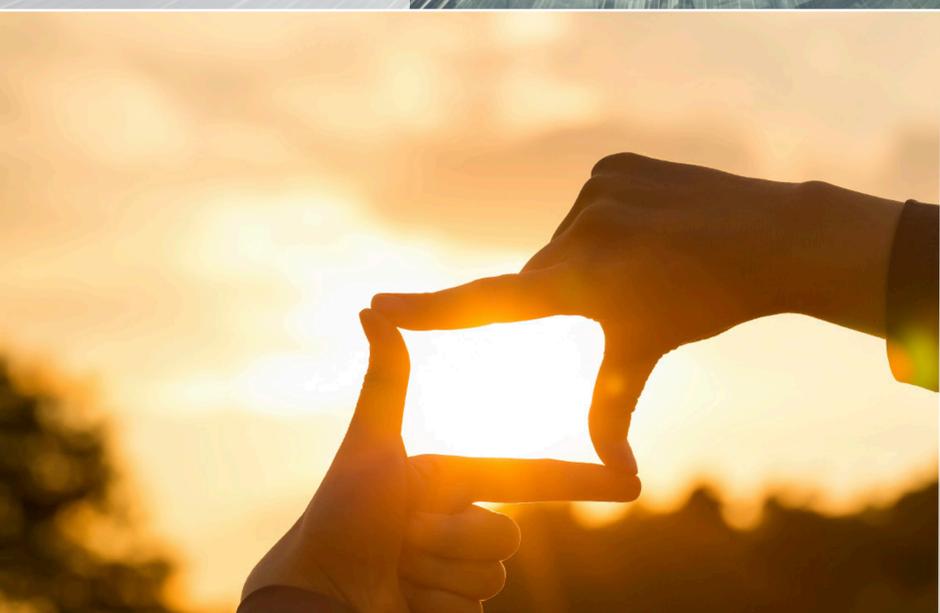
The project will encourage capacity building as well as transfer of knowledge and innovation capability. It will coordinate the network of people involved in the different Horizon 2020 and other projects and initiatives.

VERAM will provide a Research and Innovation web Portal for raw materials for identifying gaps and complementarities and bridge these.

VERAM's experts will also advise the European Commission and national governments of future research needs and tools to stimulate innovation and assist in overcoming the fragmentation in the implementation of the European Innovation Partnership on Raw Materials Strategic Implementation Plan.

The project will look for mutually beneficial information exchange, encourage cross-fertilization between actions undertaken by different raw material industries and will speed-up exploitation of breakthrough innovations.

[Read more](#)



### Impact

A successful execution of the VERAM proposal will help the society to reap the benefits of a growing circular economy and to address the Societal Challenges by a more sustainable and resource-efficient use of raw materials.

Research and innovation activities in the area of primary and secondary raw materials - their use reuse and when relevant substitution - are currently dispersed between different players and supported by a variety of fragmented funding sources both on the EU- as well as on Member States' level.

As mayor impact of VERAM's efforts it is expected an improved co-ordination of EU and Member States' research and innovation programmes and funded activities. A coordinated EU policy on Raw Materials will raise confidence in the related activities and sectors bringing back investors and financing mechanisms. In particular, it is expected:

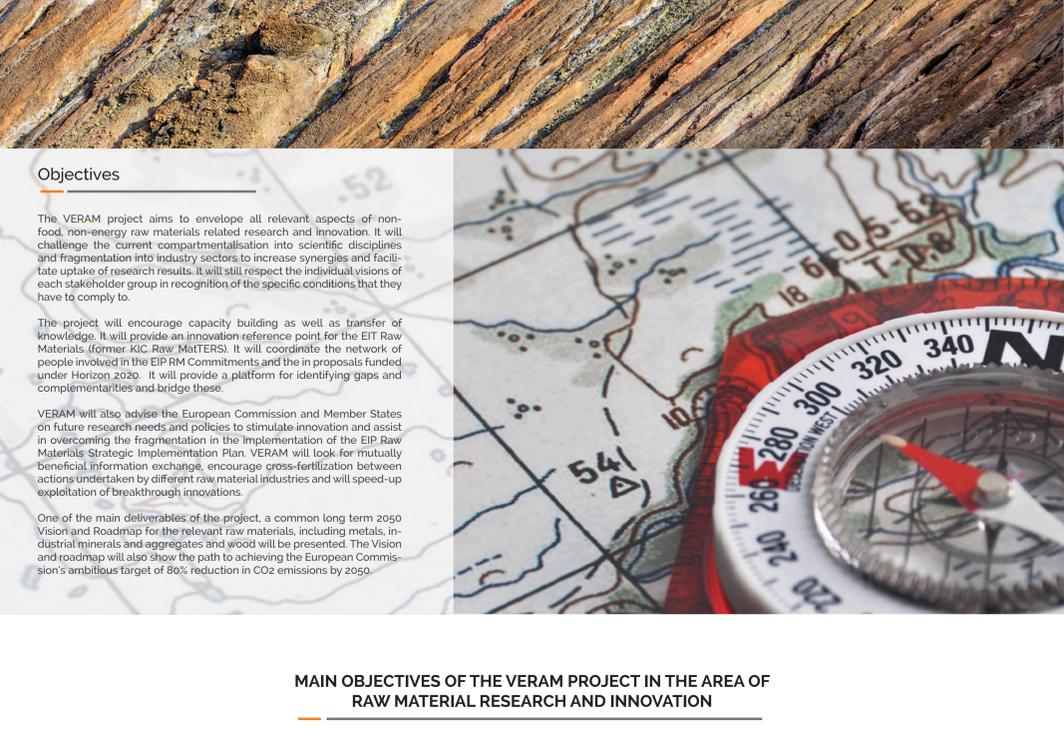
- > Facilitated decision-making at EU, national, regional and local levels and in the minerals industry.
- > Promotion of good governance and facilitation of public acceptance in the EU.
- > Increased competitiveness of the EU industry and minerals supply from EU sources.
- > Increased transparency of EU raw materials policies and legislation.

[Read more](#)



**The VERAM project will produce the Vision and Roadmap for European Raw Materials in 2050 based on raw materials research and innovation (R&I) coordination.**

The two leading ETPs: ETP SMR (Sustainable Minerals Resources) and ETP (Forest Technology Platform) together with their corresponding ERANETS, plus the ECTP (European Construction Technology Platform) and SusChem (ETP for Sustainable Chemistry) are joining forces to develop a common roadmap.



**Objectives**

The VERAM project aims to envelope all relevant aspects of non-food, non-energy raw materials related research and innovation. It will challenge the current compartmentalisation into scientific disciplines and fragmentation into industry sectors to increase synergies and facilitate uptake of research results. It will still respect the individual visions of each stakeholder group in recognition of the specific conditions that they have to comply to.

The project will encourage capacity building as well as transfer of knowledge. It will provide an innovation reference point for the EIT Raw Materials (former KIC Raw MATERS). It will coordinate the network of people involved in the EIP RM Commitments and the in proposals funded under Horizon 2020. It will provide a platform for identifying gaps and complementarities and bridge these.

VERAM will also advise the European Commission and Member States on future research needs and policies to stimulate innovation and assist in overcoming the fragmentation in the implementation of the EIP Raw Materials Strategic Implementation Plan. VERAM will look for mutually beneficial information exchange, encourage cross-fertilization between actions undertaken by different raw material industries and will speed-up exploitation of breakthrough innovations.

One of the main deliverables of the project, a common long term 2050 Vision and Roadmap for the relevant raw materials, including metals, industrial minerals and aggregates and wood will be presented. The Vision and roadmap will also show the path to achieving the European Commission's ambitious target of 80% reduction in CO2 emissions by 2050.

**MAIN OBJECTIVES OF THE VERAM PROJECT IN THE AREA OF RAW MATERIAL RESEARCH AND INNOVATION**

**1. Facilitate information exchange, overcome fragmentation and promote cross-fertilization**

**Objective 1.1:** To provide a web-based portal that facilitates information handling and to collect and exchange information between all relevant stakeholders in the raw materials community

**Objective 1.2:** Identify gaps and



**2. Support innovations by speeding up and facilitating industrial exploitation of research results**

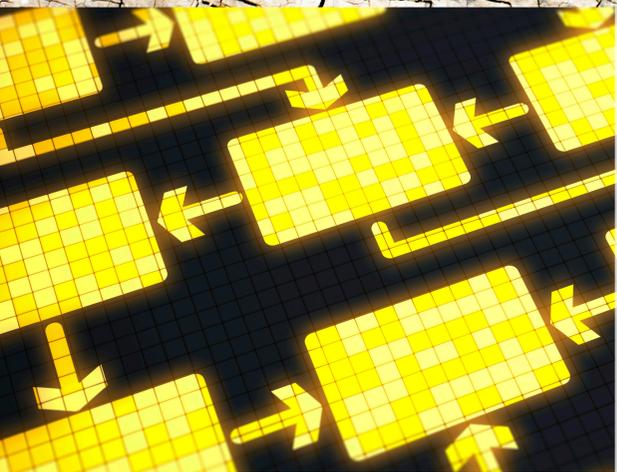
**Objective 2.1:** Create awareness of new research results and technologies and thereby facilitate the exploitation by European industry



**3. Produce a long and medium term vision and Strategic Research Roadmap**

**Objective 3.1:** Produce a European Vision 2050 for the raw materials community. **Objective 3.2:** Produce a European Research and Innovation Roadmap 2050 for Raw Materials.

**Objective 3.3:** Enable collaboration between established trans-national research and innovation programmes in the area of raw materials



**Project Work Plan**

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**PROJECT WORK PLAN AND WORK PACKAGES (WPs)**

**WP1: Management and coordination**

The objectives are the project coordination (technical and financial) and management activities. Maintaining EU relations as well as project reporting. This WP will supervise the activities in the different working groups and will be responsible for a smooth workflow. An important task is to take care of facilitating contacts and collaboration with external stakeholders, research initiatives in the field of raw materials.



**WP2: Dissemination and communication**

This WP will develop and implement the appropriate communication and dissemination tools to support promotion of the overall project and when needed, of specific WPs progress. Promote the importance of having a coordinated strategy and focus on Critical Raw Materials Research and Innovation at European level.



**WP3: Defining and exploring the playing field**

This WP will define and explore the raw materials playing field as an input for developing the raw materials roadmap towards 2050. Therefore will perform an analysis of the current RTD and Innovation system, addressing the full and global value chains: primary and secondary resources for a resources for a resource effective production of globally outstanding quality.



**WP4: Creating a vision 2030 and 2050 for raw materials**

The vision 2050 for raw materials in Europe, the outcome of this WP, will be the basis for the development of the roadmap towards this vision as one of the final results of the project. Based on the gap analysis, the WP will develop a vision to the raw materials demands and supplies and the technologies required to do so. It will identify the needs of future research, related innovation deployment and required capacity building.



**WPs: Creating the raw materials roadmap 2050**

The process of establishing the 2050 Roadmap is interdependent with the gathering of background information in WP3 and WP4. The stakeholder consultation will be an important part of the WP. The main objectives of the VERAM project addressed here are:



**EXPECTED IMPACTS**

The VERAM project will embark upon activities to boost R&I and efficient industrial exploitation in the fragmented field of raw materials. The impact will be visible in the short term of 1 to 5 years by the strengthened cooperation between the different stakeholders groups involved in the EIP Raw Materials, in the medium term of 5-15 years under the umbrella of the agreed 2030 vision and roadmap drafts and on the long term of 15 to 35 years through the 2050 Roadmap.

The likelihood of realising the immediate project objectives is also comparably high due to the critical mass of stakeholders that is represented by the partnerships.

Therefore, the first expected impact listed is:

> The competence gained by the participants throughout the project implementation, establishing a more efficient cross-ETP platform and the coordination with the National Funding Agencies



**OTHER EXPECTED IMPACTS FROM THE VERAM PROJECT ARE THE FOLLOWING**

**1. A coordinated EU policy on Raw Materials will raise confidence in the related activities and sectors bringing back investors and financing mechanisms.**



**2. The work will prevent unnecessary overlaps in technology-related innovation activities undertaken on EU, national and regional level, more efficient use of resources and shortening time for results.**



**3. Brokering across ETPs, ERA, and other stakeholders and national activities will create cross-sectoral and cross value chain research and innovation**



**4. The work will provide opportunities for exchange of Best Practices amongst Member States.**



**5. Faster uptake of ground-breaking technologies**



**6. Foresight seminars will enable to take stock of achieved research and innovation results and forecast directions for future research and assist in reviewing the EIP on RM SIP.**



**7. The work will realise synergies available within individual initiatives on EU and national level.**



**8. The results of the project will lead to improved raw materials policy and access to and utilisation of raw materials.**



**9. A more coordinated RM management will contribute to reduce Europe's external supply dependency and lead to a more efficient use of our resources, therefore improve the competitiveness of the European industry, its environmental impact and eco-efficiency**



### D'appolonia

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Visit website



## VERAM Leaflet

## Objectives

VERAM is a unique coordination project that links the relevant European Technology Platforms (ETPs) and European Research Area Networks (ERA-NETs). VERAM aims to provide the umbrella and coordination function for raw materials related research and innovation activities that address security and sustainability of supply from EU and non-EU sources and creates new synergistic effects due to linking of biotic and non-biotic resource sectors. It intends to develop strategies to bring innovations to market and develop recommendations for future research and innovation related policy actions.

The project aims to:

- Encourage capacity building as well as transfer of knowledge
- Provide an innovation reference point for the European Institute of Innovation & Technology raw materials Knowledge and Innovation Community (EIT RM KIC), the European Innovation Partnership on Raw Materials (EIP RM) and relevant projects and proposals under Horizon 2020 and future EU Research & Innovation funding programmes.
- Provide a platform for identifying gaps and complementarities and enable their bridging.
- Challenge the current compartmentalisation and fragmentation between purely scientific and industry sectors to increase synergies and facilitate uptake of research results.



[www.veram2050.eu](http://www.veram2050.eu)  
[www.veram.eu](http://www.veram.eu)



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## Contact

### Project Coordination:

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Website: [www.etpsmr.org](http://www.etpsmr.org)  
E-mail: [info@eurogeosurveys.org](mailto:info@eurogeosurveys.org)

### Communication and dissemination:

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Avenue Edmond Van Nieuwenhuysse, 4  
1160 Auderghem  
Tel: +32 2 676 72 11  
Website: [cefic.org](http://cefic.org)  
Email: [veram@cefic.be](mailto:veram@cefic.be)



# Vision and Roadmap for European Raw Materials

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690388.



## Expected Impacts

- Develop a coordinated EU policy on raw materials research, innovation and technological developments to raise investor confidence and improve financing mechanisms.
- Promote more efficient use of resources by preventing unnecessary overlaps in technology related to innovation activities.
- Create cross-sectorial and cross value chain research through joint ETP's, ERA-NETs and other stakeholders and national activities.
- Provide opportunities for exchange of Best Practice amongst Member States.
- Accelerate uptake of ground-breaking technologies.
- Review research and innovation results achieved, forecast directions for future research and assist in reviewing the EIP Raw Materials Strategic Implementation Plan.
- Identify synergies between individual initiatives at EU and national level.
- Improve raw materials policy and access to their utilisation.
- Help reduce Europe's external supply dependency and foster a more efficient use of resources to improve the competitiveness of European industry.
- Develop a common long term 2050 vision and research and innovation roadmap for European raw materials.

*“Sustainable and competitive future for EU raw materials”*

## Partners:



European Technology Platform  
on Sustainable Mineral Resources



UNIVERSITÀ  
POLITECNICA  
DELLE MARCHE



## VERAM Poster

# Vision and Roadmap for European Raw Materials

Sustainable  
and competitive  
future for  
EU raw materials

## Policy

VERAM is a unique coordination project that links the relevant European Technology Platforms (ETPs) and European Research Area Networks (ERA-NETs) to develop a vision and roadmap for European raw materials research and innovation towards 2050.

## Objectives

The VERAM project will produce a medium term (2030), and a longer term (2050), Vision and Strategic Research & Innovation Roadmap for the European raw materials sector.

## Expected impacts

- ✓ Develop a coordinated EU policy on raw materials research, innovation and technological developments to raise investor confidence and improve financing mechanisms.
- ✓ Promote more efficient use of resources by preventing unnecessary overlaps in technology development related to innovation activities.
- ✓ Create cross-sectorial and cross value chain research through joint ETP's, ERA-NETs and other stakeholders.
- ✓ Provide opportunities for exchange of Best Practice amongst Member States.
- ✓ Faster uptake of ground-breaking technologies.
- ✓ Foresighting to frame the vision and roadmapping in the context of future scenarios towards 2050.
- ✓ Identify synergies between individual initiatives at EU and national level.
- ✓ Improve raw materials policy and its effective implementation.
- ✓ Help reduce Europe's external supply dependency and foster a more efficient use of resources to improve the competitiveness of European industry.

## Project Coordinator



## Partners



 [www.veram2050.eu](http://www.veram2050.eu)

 [@veram2050](https://twitter.com/veram2050)  
[#VERAM2050](https://twitter.com/VERAM2050)



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## VERAM PowerPoint Template



[Title]

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*[Author – Affiliation – Project role]*

*[Event – Location – Date]*



*This project has received funding from the European Union's Horizon 2020 Framework Programme for Research & Innovation under Grant Agreement No. 690388*





Vision and roadmap for European raw materials

[www.veram2050.eu](http://www.veram2050.eu)

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*[Author contact details]*



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