

# The importance of the European Innovation Partnership on Raw Materials

Brief introduction, current status, proposals for actions

Seminar on Exploration, Sustainable  
Access and Extraction of Raw Materials

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# The EU's Raw Materials Initiative and the EIP on Raw Materials



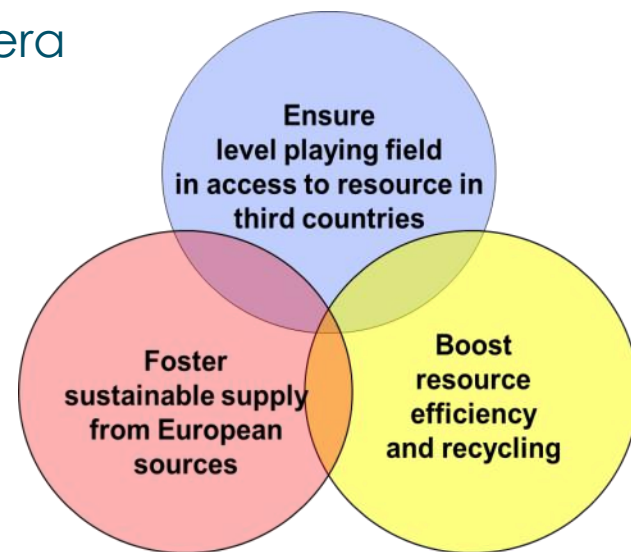
## ≡ **European Raw Materials Strategy**

= COM(2008) 699; COM(2011) 25

## ≡ **Europe 2020**

4 Flagships Initiatives out of 7 → raw material strategy synergies

- = An industrial policy for the globalisation era
- = An agenda for new skills and jobs
- = Resource Efficient Europe
- = Innovation Union



# Objectives of the EU Innovation Partnership



- ≡ Reduction of import dependency by improving supply conditions from EU and other sources and providing resource efficiency and alternatives in supply through substitutions or new products
- ≡ Putting Europe to the forefront in raw materials sectors and mitigating the negative environmental and social impacts



# EIP on Raw Materials: Key components



## ≡ **Technology-focused policy areas**

- = Exploration, extraction, processing, recycling
- = Substitution



**ETP SMR, Research projects, ERA-MIN**

## ≡ **Non Technology policy areas**

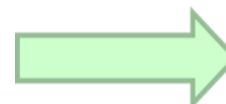
- = Improving Europe's raw materials regulatory framework, knowledge and infrastructure base, e.g. access to land.
- = Promotion of excellence in resource efficiency



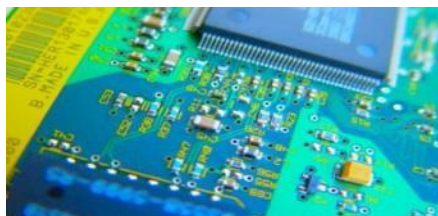
**Implementation of the RMI → EIP**

## ≡ **International cooperation**

- = Promoting appropriate international cooperation



**Level playing field  
→ WTO, Trade agreements**



# 2020 targets include,...



- ≡ Up to 10 innovative **pilot actions**, e.g. pilot plants for exploration, mining, processing, collecting and recycling;
- ≡ Regulatory framework for primary raw materials that would provide **stable and competitive supply from EU** sources;
- ≡ Network of Research, Education and Training Centres on sustainable raw materials management organized as a **Knowledge and Innovation Community** (KIC);
- ≡ Raw materials **knowledge base** with raw materials flows and trends, using standardised instruments for the survey of resources/reserves and an industrially relevant raw materials map covering primary and secondary raw materials;



# Strategic Implementation Plan for the EIP on Raw Materials

- ≡ The SIP addresses all actions deemed necessary to achieve the objectives and targets of the European Innovation Partnership, including:
- = research and development along the value chain,
  - = raw materials knowledge,
  - = exchange of best practices,
  - = revision of selected legislation,
  - = licensing steps,
  - = standardisation,
  - = and policy dialogues.





# EUROMINES Proposals for actions according to EIP SIP priority areas / 1



## I. Pillar – from worldwide sources

- ≡ Assist Member States and industry in ensuring an EU wide and worldwide level playing field with regard to the implementation of the EITI and related initiatives/programmes
- ≡ Promote quality standards, support security of verifiable supply
- ≡ Assist in capacity building in the Developing World through specific projects/ investments



# EUROMINES Proposals for actions according to EIP SIP priority areas / 2



## II. Pillar – from European sources

- ≡ Cooperation with the European and national governments to ensure a stable and competitive framework for primary raw material supply from EU sources (Fit-for purpose legal framework, competitive energy prices)
- ≡ Investment into RTD and innovation (ETP SMR, Horizon 2020 , ERA-NETS)
- ≡ Cooperation with Member States on optimising implementation of EU and national legislation through roundtables
- ≡ Cooperation with the European regions to increase acceptance of sector (addressing public acceptance, liability and other hurdles for investors)
- ≡ Support for increase of knowledge base (geological exploration with modern technology, upgrading of network of geological surveys)



# EUROMINES Proposals for actions according to EIP SIP priority areas / 3



## III. Pillar – Resource efficiency

- ≡ Support improved framework conditions for enhanced efficiency in material use and in waste prevention, re-use and recycling, and raw materials efficient product design (balanced and scientifically correct resource efficiency indicators, structural funds for rehabilitation of old orphaned sites, industry led academic research efforts)
- ≡ Support for Network of Research, Education and Training Centres on sustainable raw materials management (a truly European KIC on raw materials)
- ≡ Support for a Pro-active international co-operation strategy of EU at bilateral and multilateral level, promoting synergies and level playing fields (Research cooperation, transparency in commodity markets)

# The way forward

- ≡ High Level Steering Group approved Strategic Implementation Plan (SIP)
  - = 25 September 2013
- ≡ Calls for Commitment Oct'13 → Jan'14
- ≡ HLSG endorses selected Commitments Q2 2014
- ≡ Monitoring and evaluation starts late 2014
- ≡ Further Calls for Commitments (2015, 2017)



# Key Dates



	Horizon 2020	EIP on Raw Materials	KIC on Raw Materials
<b>Criteria published</b>	2011	October 2013	December 2013
<b>Info Day</b>	12 Nov 2013	5 Dec 2013	Q1 2014
<b>1<sup>st</sup> Call published</b>	11 Dec 2013	October 2013	Q1 2014
<b>1<sup>st</sup> Call closed</b>	To Be Confirmed	January 2014	Q3 2014
<b>Selection</b>	To Be Confirmed	Apr/May 2014	Q4 2014



# Thank you for your kind attention

In case of any questions please contact:

<http://www.euromines.org/european-innovation-partnership-raw-materials>

[http://cordis.europa.eu/technology-platforms/smr\\_en.html](http://cordis.europa.eu/technology-platforms/smr_en.html)

<http://ec.europa.eu/research/participants/portal/page/home>

[http://ec.europa.eu/education/policies/eit/index\\_en.html](http://ec.europa.eu/education/policies/eit/index_en.html)

[http://ec.europa.eu/enterprise/policies/raw-materials/innovation-partnership/index\\_en.htm](http://ec.europa.eu/enterprise/policies/raw-materials/innovation-partnership/index_en.htm)

[http://ec.europa.eu/research/horizon2020/index\\_en.cfm](http://ec.europa.eu/research/horizon2020/index_en.cfm)