



Need for EU minerals data

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- Importance of data and information
- National minerals data / Indicators' report
- EU minerals data efforts: studies and projects
- EU minerals data within European Innovation Partnership (EIP)



- Link between data and policy / informed debate and decision making
- Data quality and credibility
- To stakeholders tailored data (policy experts, decision-makers, public investors....industry...)
- Place and role of data providers

- Who, why, at which level/where, what, at what cost is being collected as minerals data ?

- How much data is enough ?

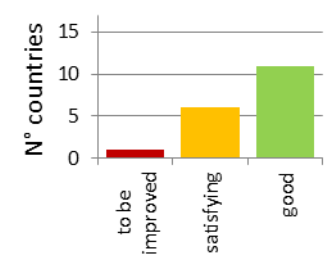


- Exercise of Raw Materials Supply Group members based on II. pillar of Raw Materials Initiative
- Development and population of 20 indicators to monitor actions of MS in several areas: legal framework, information framework, land use planning and authorisation and permitting
- 18 MS replies, evaluation system, preliminary report
- Information framework (2 indicators):
 - Data availability, and
 - Geo-scientific knowledge base



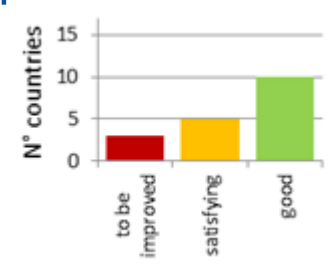
- Data availability

- Economic importance
- Import / export data
- Production statistics
- Structure / tool for long term estimates



- Geo-scientific knowledge base

- Standardised statistical, classification codes for reserves and resources
- Availability of different kind of maps including 3D maps, computer based mineral information system





- **DG ENTR**

- Study on Data Needs for a Full Raw Materials Flow Analysis (2012)
- Structured Statistical Information on the Quality and Quantity of the EU Raw Materials Deposits (2013-2014)
- European Rare-Earth Competency Network (ERECON) (2013-2014)

- **DG RTD**

- FP7 Coordination and support action: "The European Intelligence Network on the Supply of Raw Materials" (start 2013)



Progress on the European Innovation Partnership

Scope Objectives



SCOPE

The EIP will promote **innovation along the entire value chain of raw materials** (i.e. **raw materials knowledge base**, exploration, licencing, extraction, processing, refining, recycling, substitution) involving stakeholders for relevant upstream and downstream sectors.

Strategic Implementation Plan will address all actions necessary to achieve the **objectives and targets**, including **research and development along the value chain**, **raw materials intelligence**, revisions of selected legislations, licensing steps, standardisation, and policy dialogues.

OBJECTIVES

Overall objective is **to contribute to the 2020 targets of the EU Industrial Policy** to increase the share of industry on GDP to 20%, and **of the Resource Efficiency Policy** to increase energy efficiency by 20% by ensuring the sustainable supply of raw materials to European economy and society. This will be achieved by:

- Reduction of import dependency by improving supply conditions from EU and other sources and providing resource efficiency, including recycling, and alternatives in supply through substitution.
- Putting Europe to the forefront in raw materials sectors and mitigating the negative environmental and social impacts.

EIP 2020 Targets

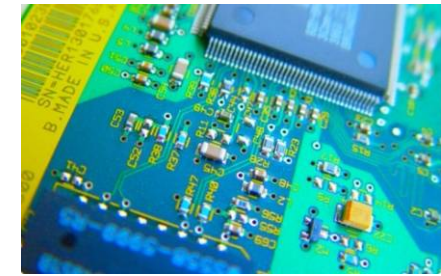


	Target	Indicators
WP1	10 innovative pilot actions	10 actions
WP2	Substitutes for 3 applications	3 substitutes
WP3	Improving mining regulatory framework	Revisions of regulatory acts
	Raw materials knowledge base with raw materials flows and trends	Service providing information and knowledge
	Network of Research, Education and Training Centres	Knowledge and Innovation Community on Raw materials
WP4	Enhanced efficiency in material use	Revisions of regulatory acts
WP5	Pro-active international cooperation strategy of EU	Strategy

Work packages - Operational Groups



- **Technology-focused policy areas**
 - WP1 - Exploration, extraction, processing, recycling ...
 - WP2 - Substitution, alternative functionalities and materials
- **Non Technology policy areas**
 - **WP3 - Improving Europe's raw materials regulatory framework conditions, knowledge base and infrastructure**
 - WP4 - Improving Europe's recycling regulatory framework conditions and excellence
- **WP5 - International cooperation**
 - Promoting appropriate international cooperation





- **Exchange of Best Practices in particular supports:**
 - Identification and exchange of best practices in the Member States,
 - Industry led initiatives
- **EU Knowledge Base action includes:**
 - **Building an innovative knowledge base of EU resources,**
 - Improving the quantity and quality of skilled experts in the EU (KIC on raw materials)



- **EU Knowledge Base - Building an innovative knowledge base of EU resources**
 - A raw materials knowledge base with raw materials flows and trends, using standardised instruments for the survey of resources/reserves and a map of industrially relevant raw materials covering primary and secondary raw materials.
 - On land and in the marine environment
 - Estimations of resource availability, including urban mines (linked to the waste knowledge base)
 - Using systems as GMES to serve investors, regulators and policy makers
 - Such a knowledge base would have standardised all the data for reporting, in a harmonised way, which is comparable and specific, while involving different relevant organisations, which should have a translation codes in place to transform this to the specific needs.



Useful information on the EIP Website
http://ec.europa.eu/enterprise/policies/raw-materials/innovation-partnership/index_en.htm

THANK YOU!