



EU Initiatives related to Minerals Planning

**Sustainable Aggregates Planning in South East Europe
Session on “Contributions to the EU mineral policy framework”**

Bled, 22 October 2014

European Commission

Directorate-General Enterprise and Industry

Slavko Solar

Unit F3 « Raw Materials, Metals, Minerals, and Forest-based industries »



Content

Raw Materials Initiative

- *Report 2014*

European Innovation Partnership

- *Priority area / Action Areas*
- *Raw Materials Commitments*

H2020 call 2014

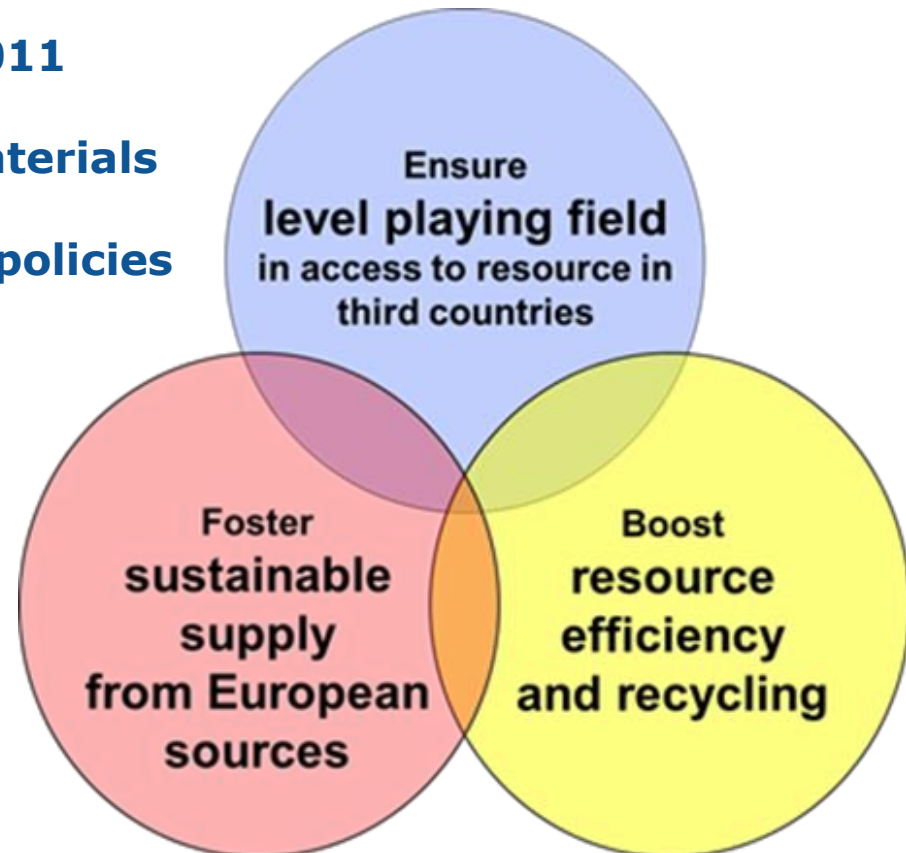
- **Goal: industry's share of GDP to be 20%**
- **Key priorities:**
 - A more business friendly framework;
 - Financial resources to make the industrial renaissance happen;
 - **Easier access to critical production inputs (finance, raw materials, energy);**
 - Maximise the potential of the Internal Market;

Raw Materials Initiative



EU “Raw Materials Initiative”

- **Aim:** securing sustainable supplies of raw materials
- **Launched in 2008, consolidated in 2011**
- **Non-energy, non-agricultural raw materials**
- **Connecting EU external and internal policies**
- **Integrated strategy (3 pillars)**
- **Introduced list of Critical Raw Materials (CRM) in 2010**



Annual report on the implementation of the Raw Materials Initiative – 24.06.2013

Fair and sustainable supply of raw materials from global markets (1st Pillar)

- EU trade strategy for raw materials
- Raw materials diplomacy
- Assistance to developing countries

Fostering sustainable supply within the EU (2nd Pillar)

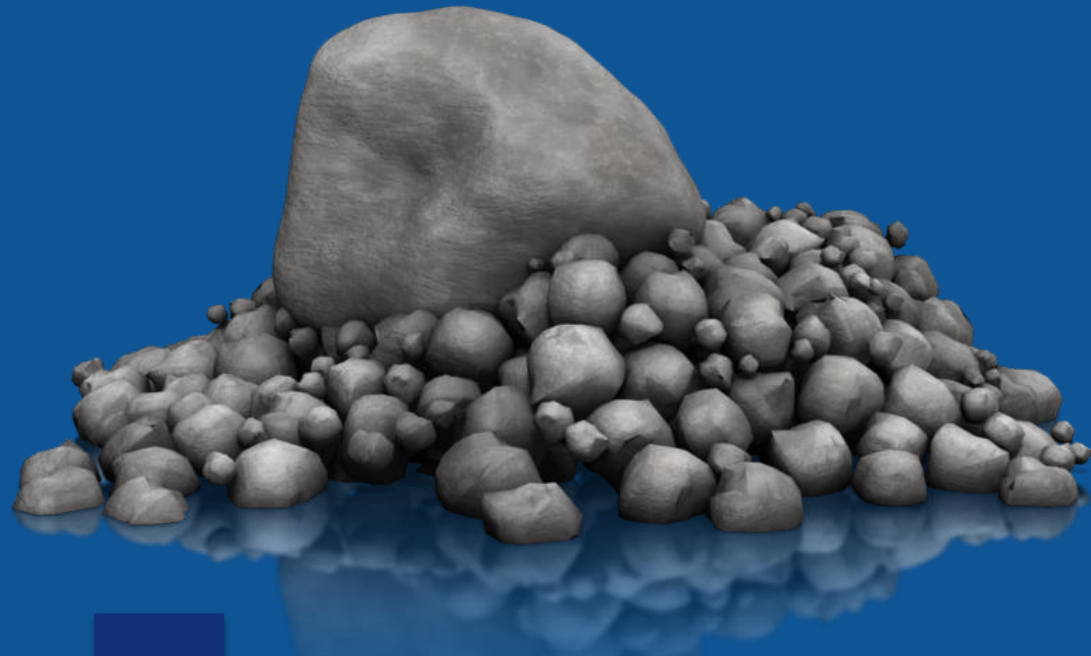
- Exchange of good practice between EU Member States
- Enhancing EU knowledge base
- Promoting research and skills

Boosting resource efficiency and promoting recycling (3rd Pillar)

- Better implementation and smarter EU waste legislation promoting resource-efficiency & recycling
- Strengthen the enforcement of the EU Waste Shipment Regulation

Raw Materials Initiative

II. pillar





- MINERAL POLICY FRAMEWORK
 - Reactivation of the RMI AHWG 2 – **Recommendations** based on
 - Report on National Minerals Policy Indicators
 - Evaluation and Exchange of Good Practices for the Sustainable Supply of Raw Materials within the EU
- EU KNOWLEDGE BASE
 - Competitiveness of the EU Mineral Raw Material Sector
 - Study on Data Inventory for a Raw Material System Analysis
 - Minventory – EU Statistics on Reserves and Resources
 - Knowledge Base Architecture - Overview



- Input:
 - Indicators questionnaire campaign through RMSG email list and to the EU 28 and 9 more countries
 - Replies: 18 Member States, Norway and Turkey: some replies on regional level (2) and 4 replies from the industry
- Indicator's pyramid
 - Legal framework
 - Information framework
 - Land use planning
 - Authorisation and permitting
- Interpretation of results
 - Answers in three reply classes
 - Overall evaluation gives equal weight to all indicator groups
 - Only Member States' replies were evaluated and ranked.

Raw Materials Evaluation and Exchange of Good Practice Project

Recommendations

❖ ***Good practice identification***

- ❖ 25 cases should be recognized good practice
- ❖ Opportunity should be taken to up-date and extend them to cover other issues and themes
- ❖ Based on an assessment of performance
- ❖ Encouragement of the use of reporting frameworks, - on a voluntary basis

❖ ***Policy scope***

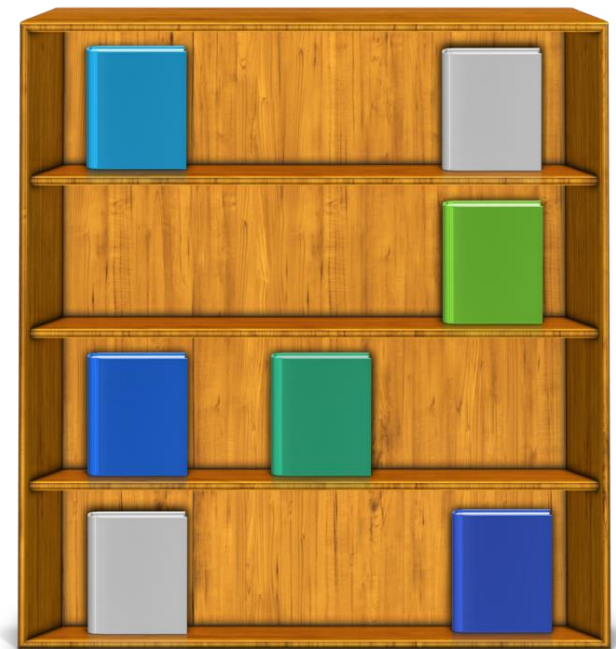
- ❖ 'Governance' should be a policy theme
- ❖ Possibly 'training and human resource development'

Recommendations on the framework conditions for the extraction of non-energy raw materials in the European Union

Ad Hoc Working Group on Exchange of best practices
on minerals policy and legal framework, information
framework, land-use planning and permitting (AHWG)

Structure

- Policy and legal framework
- Information framework
- Land use planning
- Permitting



European Innovation Partnership on Raw Materials



- **Speed up breakthrough innovations**
 - by pooling resources through a challenge-driven approach
 - and acting across research and innovation cycle
 - bringing together all relevant actors to connect supply and demand side for a societal challenge, covering much more than R&D
- **Innovation required for the entire value chain of raw materials – industrial approach**
 - Exploration, exploitation, processing, using, recycling, substitution, etc.
 - **Sectors:** mining, engineering, pulp and paper, product design, robotics, etc.



➔ Commission adopted the **proposal for an Innovation Partnership on raw materials** on **29 February 2012**
COM(2012) 82 final

EIP Objectives



- Overall objective:

Contribute to the 2020 objectives of the EU Industrial Policy (to increase the share of industry in GDP to 20%), the Innovation Union and the Resource Efficiency 'flagships'



- Specific objectives:

- Reduce import dependency
- Improve supply conditions from European and other sources
- Push Europe to the forefront in raw materials sectors
- Provide alternatives in supply
- Mitigate negative environmental and social impacts



Strategic Implementation Plan



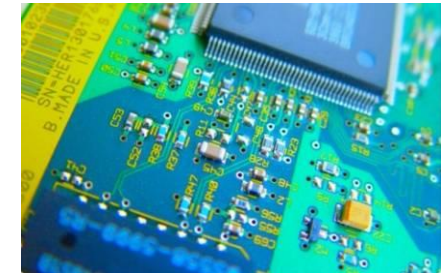
•I. Technology Pillar

- I.A Raw materials research and innovation coordination
- I.B Technologies for primary and secondary raw materials' production
- I.C Substitution of raw materials



•II. Non-Technology Policy Pillar

- II.A Improving Europe's raw materials framework conditions
- II.B Improving Europe's waste management framework conditions and excellence
- II.C Knowledge, skills and raw materials flows



•III International Cooperation Pillar

- III.1 Technology
- III.2 Global Raw Materials Governance and Dialogues
- III.3 Health, Safety and Environment
- III.4 Skills, Education and Knowledge
- III.5 Investment activities



- **Minerals Policy Framework**

- MS practices
- EU guidance and legislation
- Communication



- **Access to Mineral Potential in the EU**

- Implementation of the concept of “mineral deposit of public importance”
- EU legislation
- MS practices and EU guidance on land use planning

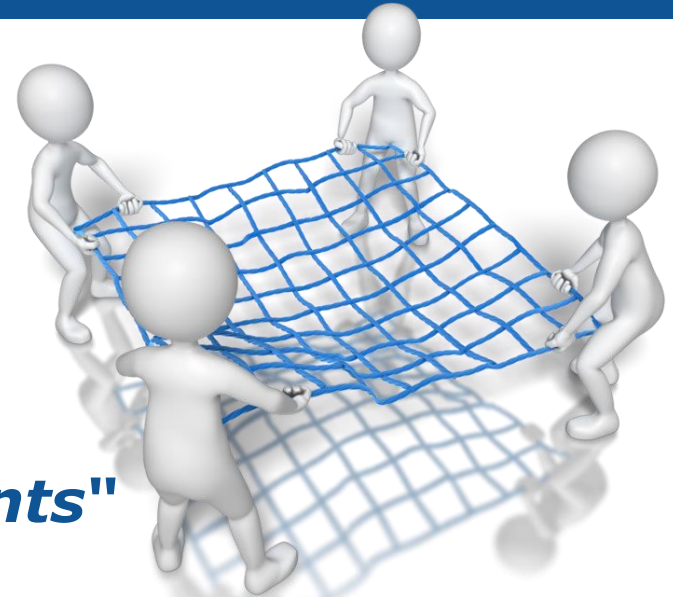
- **Public Awareness, Acceptance and Trust**

Call for Commitments

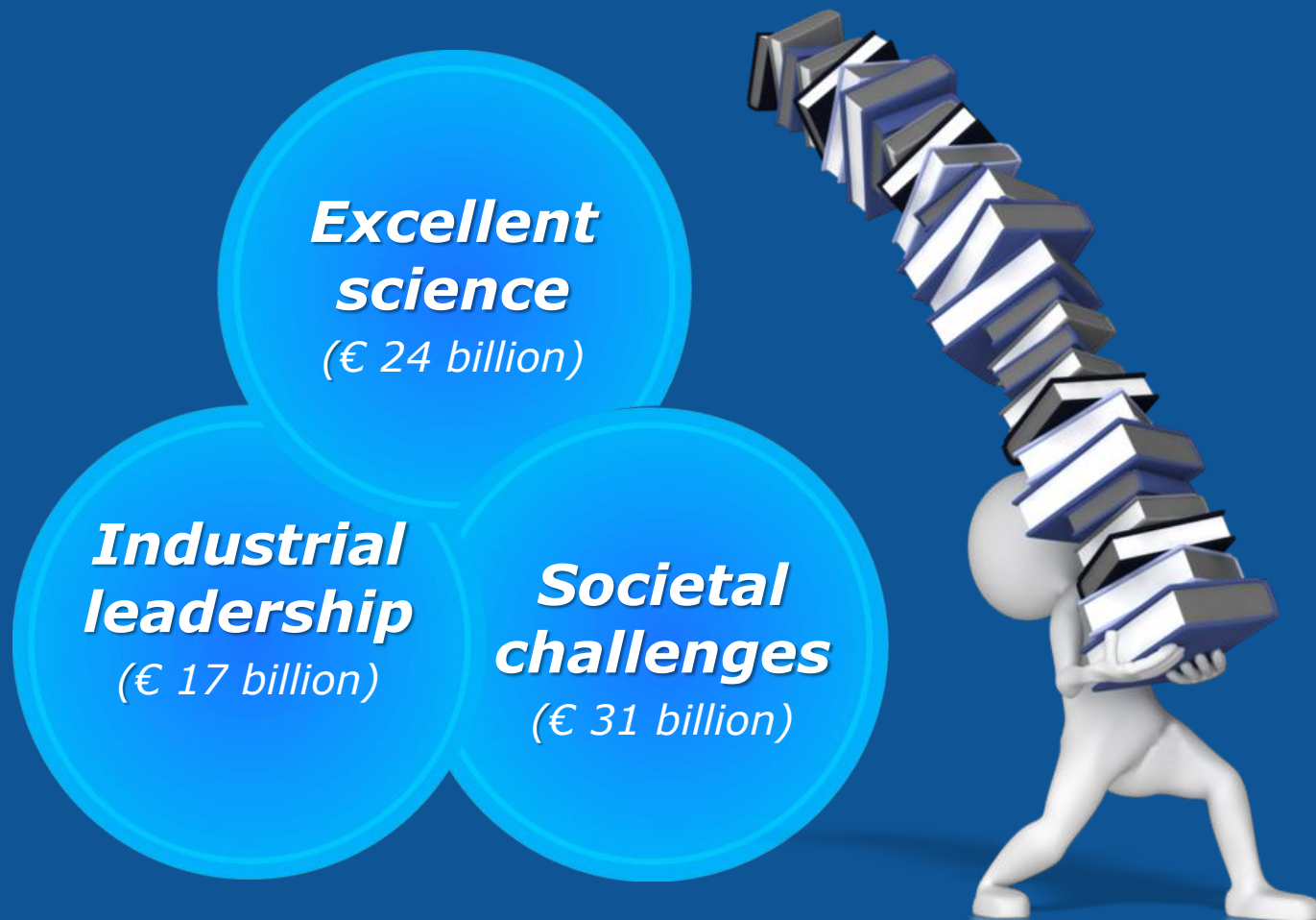
Results



- Guidelines agreed by Sherpas
- Call closed on 7 February 2014
- 90 commitment proposals received
 - ➔ **80 "Raw Materials Commitments"**
 - ➔ approx. **800 partners**
 - ➔ relative deficit of **partners** from EU-13 group
 - ➔ Higher number of **technology** commitments
 - ➔ Higher number of technology commitments for **primary production** than secondary
 - ➔ **Scope** of raw materials covered representative (i.e. metals, industrial, forest-based materials)
- Next calls in 2015, 2017 and 2019



Horizon 2020



* All funding figures in this presentation are subject to the pending Multiannual Financial Framework Regulation by the EP and the Council

Proposed Programme Cycle

2014	2015	2016	2017	2018	2019	2020
Strategic Programme						
Work Programme 1 (plus tentative information for 2016)		Strategic Programme				
		Work Programme 2 (plus tentative information for 2018)		Strategic Programme		
				Work Programme 3 (plus tentative information for 2020)		
						Work Programme 4



Results - Calls WP2014

- ✓ ***12 selected proposals with over 190 partners from 20 Member States and 8 non-EU countries.***
- ✓ ***The private sector participation, including SMEs, is around 45% in terms of partners and 49% in funding.***
- ✓ ***The outreach activities in the EIP should be intensified. Particular attention should be paid to the participation of EU13 Member States, which was weak in both the EIP Commitments and the proposals of H2020.***
- ✓ **Negotiation letters sent on 8 September 2014**



LINKS

EU raw materials webpage:

http://ec.europa.eu/enterprise/policies/raw-materials/index_en.htm

European Innovation Partnership on Raw Materials:

<https://ec.europa.eu/eip/raw-materials/en>

Horizon 2020:

<http://ec.europa.eu/research/horizon2020/>

Thank you for your attention!