Minerals4EU in the context of EU raw materials policy

Minerals4EU Final Meeting
Brussels, 25 August 2015

European Commission
DG Growth
Slavko Solar
Unit C2 - «Resource Efficiency and Raw Materials»
Content

EU raw materials policy framework
European Innovation Partnership & H2020 calls 2014/15, 2016/17
Initiatives and bricks
Overview Raw Materials Initiative

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
RMI 2008

The sustainable supply of raw materials based in the EU requires that the knowledge base of mineral deposits within the EU will be improved. In addition, the long term access to these deposits should be taken into account in land use planning. Therefore the Commission recommends that the national geological surveys become more actively involved in land use planning within the Member States.
Moreover, the Commission recommends better networking between the national geological surveys to facilitate the exchange of information and improve the interoperability of data and their dissemination, with particular attention to the needs of SMEs.

Encourage better networking between national geological surveys with the aim of increasing the EU's knowledge base - member states action
Communication on commodity markets and raw materials – 2011

In the short term the Commission proposes to assess with the Member States the scope for increased synergies between national geological surveys, that would allow for economies of scale, reduced costs and increased potential to engage in joint projects (e.g. harmonised minerals database, European Raw Materials Yearbook).
European Innovation Partnership on Raw Materials
EIP 2012

For many years the basic geological exploration and mapping in the EU has been carried out by national geological surveys that have to operate within the constraints of national frameworks and regulations. Today, the full benefits of an appropriate coordination or even integration of some of the activities of the EU’s different 27 geological surveys has not been achieved.
EU Raw Materials Knowledge Base

Actions:
1) Appropriate conditions to provide a service
2) Organize relevant data input (studies, projects)
3) Raw materials intelligence
4) Reporting
5) Collaboration
6) Improvement of data collection
Horizon 2020

**Excellent science**
(€ 24 billion)

**Industrial leadership**
(€ 17 billion)

**Societal challenges**
(€ 31 billion)

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

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Coordinating and supporting raw materials research and innovation

- ....
- Secondary raw materials inventory (2014)
- Raw materials intelligence capacity (2015)
- ......
EIT KIC
Raw materials

Establishing a pan-European network of excellence

Well-balanced consortium with 116 partners

Partners in 22 EU countries with special focus on ESEE

Full coverage of value chains and commodities (especially CRMs)

Business partners represent
>700,000 jobs
>200 billion € turnover

Partners’ roles in EIP RM commitments:
>75% participation
40% coordination
Initiatives and bricks in 2015
KBA objectives

KBA is a technical study to provide:

- **project inventory:**
  - internal EC projects
  - External EC projects (financed with EU funds)
- **data inventory**
- **technical constraints**
- **governance & IPR situation of data & systems**
Building the EURMKB

The DG GROW Knowledge Base Architecture (KBA) project and the input from the EURare, Minerals4EU, ProSUM projects, the Minventory study and the MICA proposal

KBA Workshop, Brussels, May 29th, 2015

Daniel Cassard and the IT Teams of EuroGeoSurveys
JRC Raw Materials Information System (RMIS): an overview

DG GROWTH – May 29th, 2015

www.jrc.ec.europa.eu

Serving society
Stimulating innovation
Supporting legislation

Simone Manfredi, Jo Dewulf, Gian Andrea Blengini
EC, DG JRC
EC-JRC Raw Material Information System (JRC-RMIS)

- Sustainable growth through sustainable management of raw materials -

Conceived and designed in support to:
- Increased competitiveness and visibility of the EU’s raw materials-related sectors
- Better knowledge of the EU RM sector through provision of methods, approaches and data
- DG GROW ongoing/future activities in the context of raw materials

Key features / elements:
- Permanent website under DG JRC Science Hub
- Focus is on non-energy raw materials
- One of the data/info providers for the EURMKB
- Supporting the European Innovation Partnership (EIP) on RM + EIP Monitoring and Evaluation Scheme
JRC-RMIS website: structure

- RMIS Approaches
  - RM Definition & nomenclature
  - Assessment framework
  - Identification of CRM

- RMIS Core Activities
  - DG GROW: EIP, EURMKB, ERECON
  - EIT Raw Materials
  - Minerals4EU

- Other Activities EU Level
  - JRC cross-areas work
  - Other EC funded projects

- RMIS Scoreboard contribution
  - work in progress...

- RMIS Partnerships
  - International initiatives
  - Member States

- RMIS Library
  - RMIS News & Events
Sustainable growth through sustainable management of raw materials

The JRC RMIS provides a structured repository of information on raw materials. Its overarching aim is to help strengthening the competitiveness and visibility of the EU raw materials sector, while promoting green and sustainable growth.
References

EU raw materials webpage:

Check the EIP website for fresh news:

Horizon 2020 - Raw materials webpage:

Thank you for your attention!