



The European Raw Materials Initiative

Why innovation is key

EU- Latin America dialogue on Raw Materials
Lima, Peru, 10-11 March 2014

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Structure of presentation



1. Raw Materials Initiative

2. European Innovation Partnership on Raw Materials

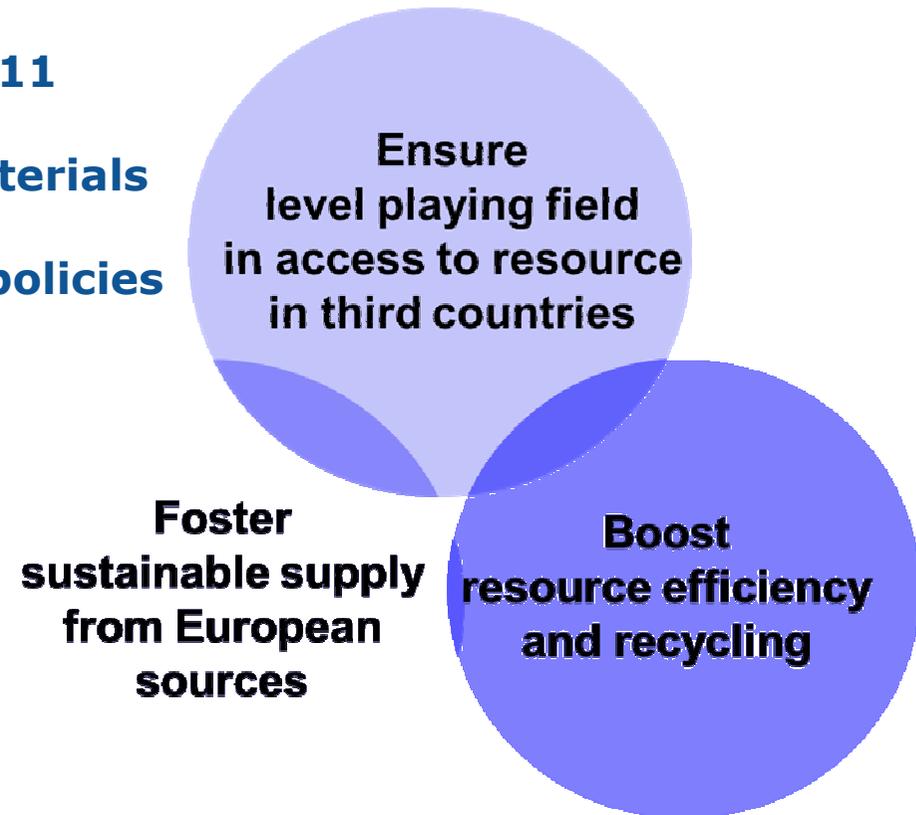


1. Raw Materials Initiative



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)

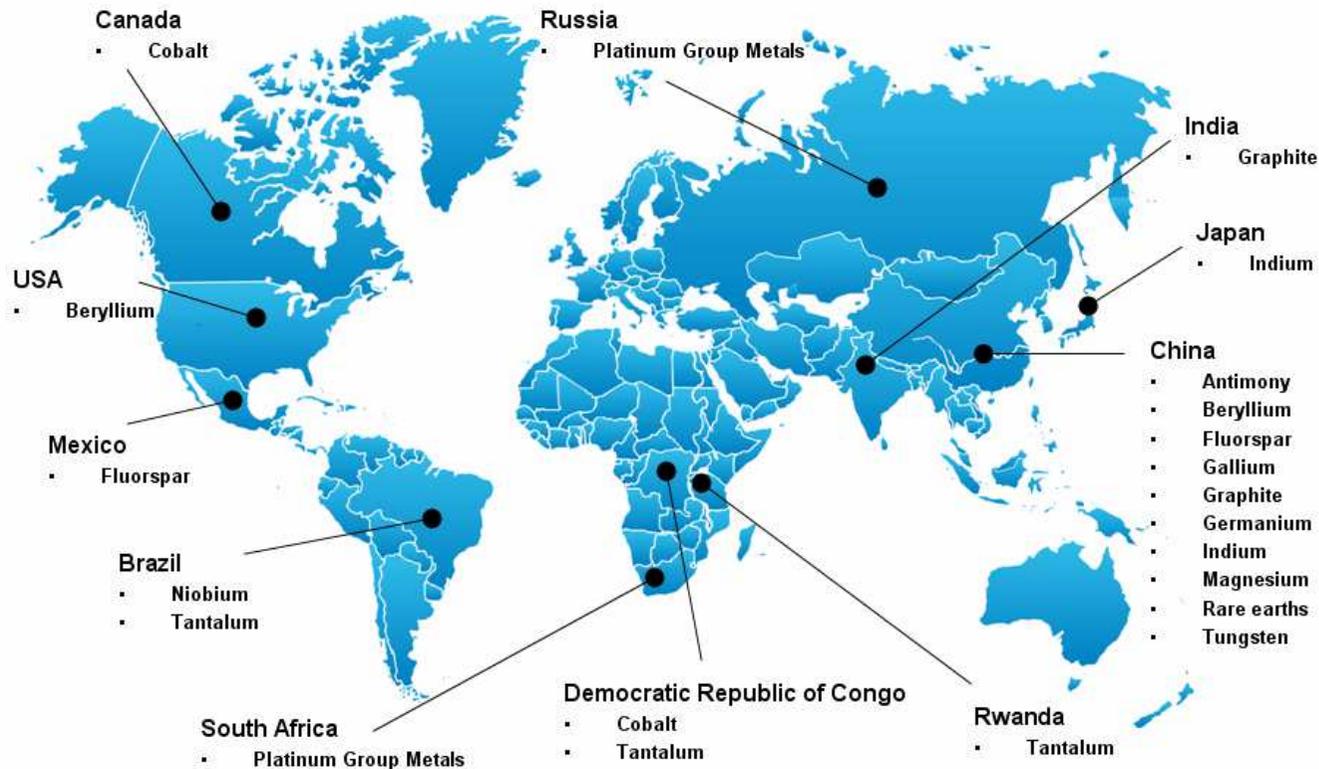
- Exchange of good practice between EU Member States
- Enhancing EU knowledge base
- Promoting research and skills

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



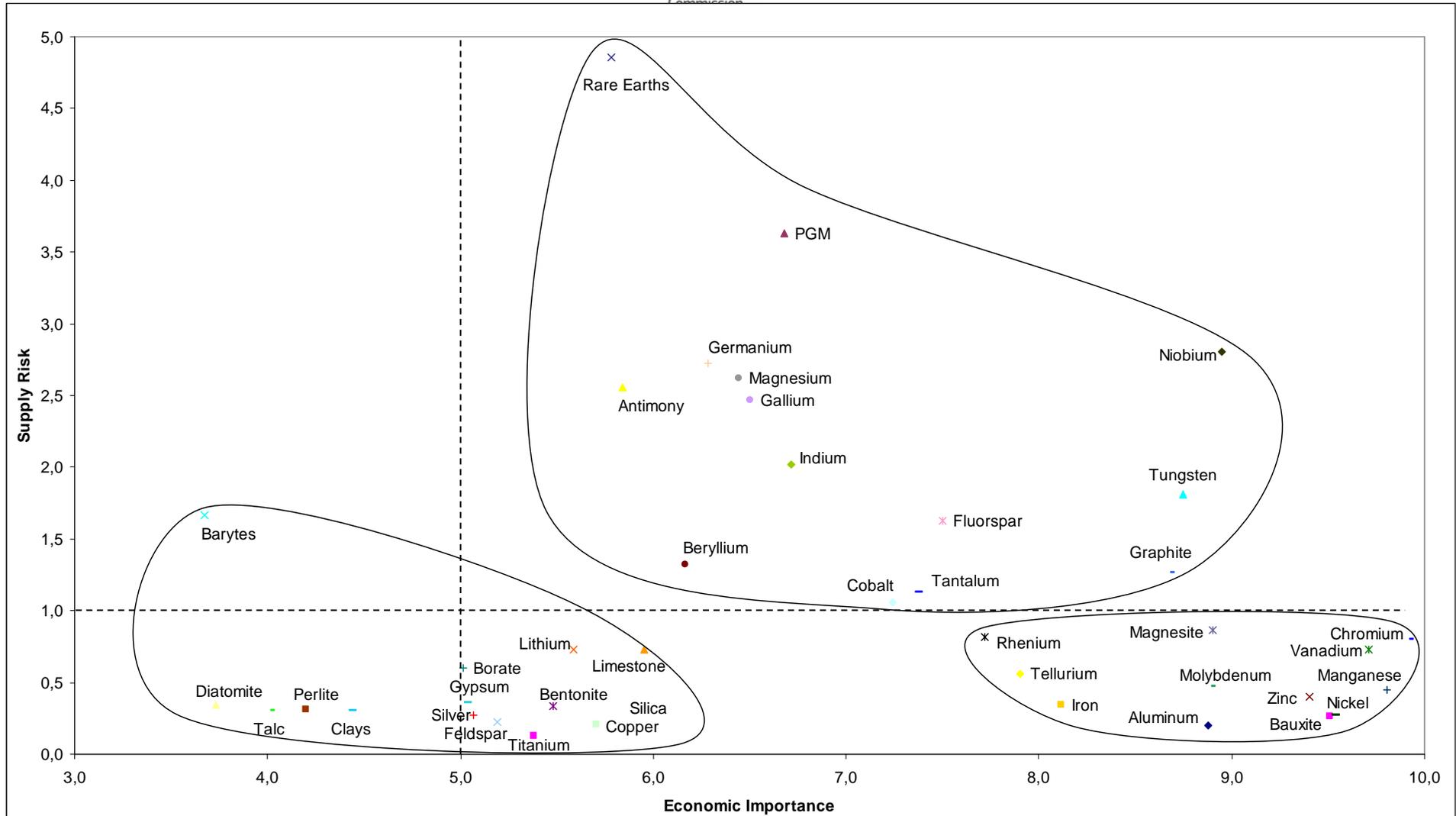
Production concentration of critical raw mineral materials



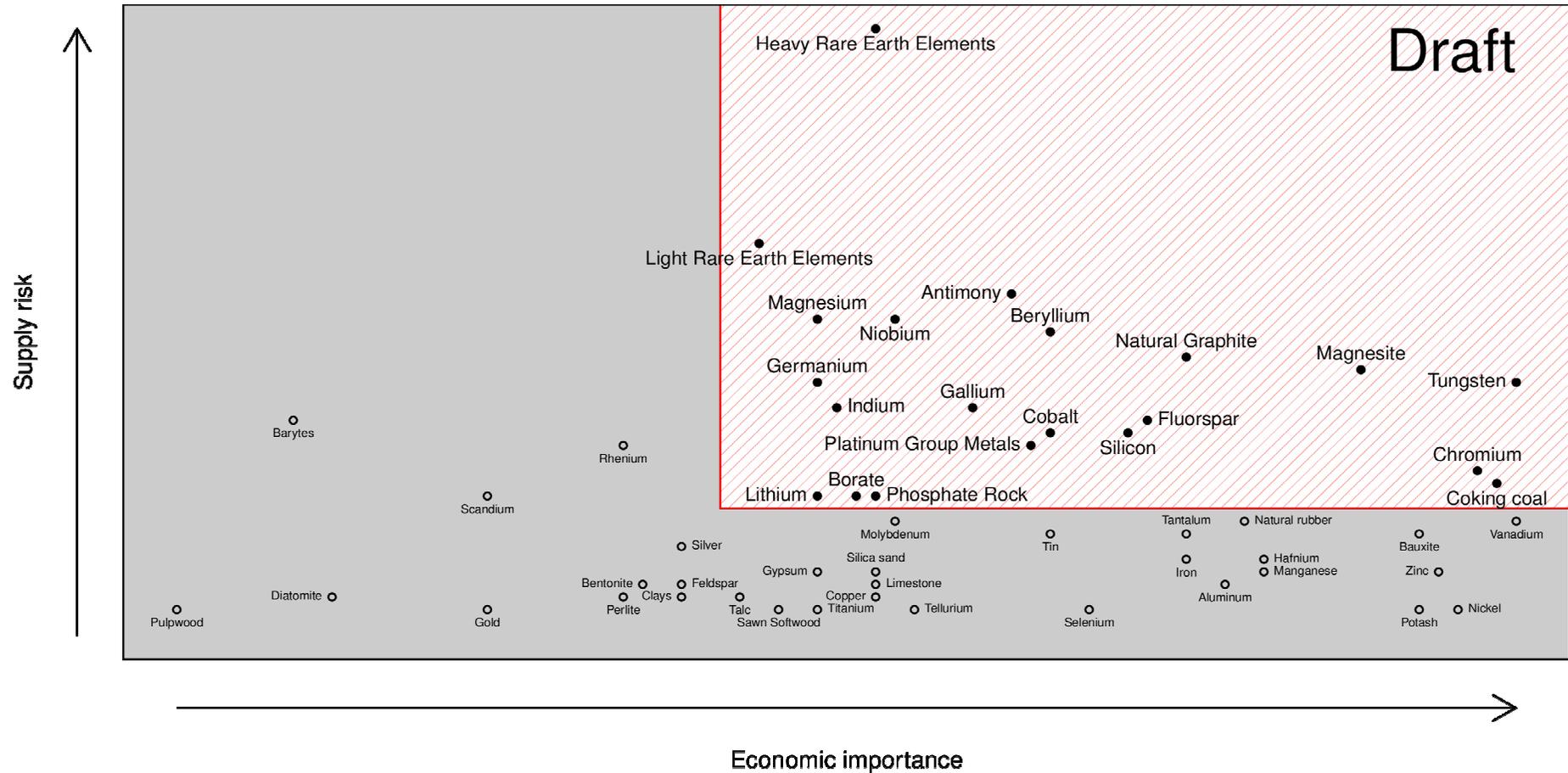
Outcome 2010



1. Raw Materials Initiative



Outcome 2013



Raw Materials Diplomacy Events



1. Raw Materials Initiative

5 events in 2013 - 2014

Based on:

- dialogues, EU - partner countries collaborate with higher mutual benefit
- dialogues established by Letters of Intent

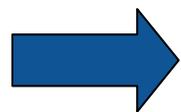
- *EU – US - Japan workshop on Criticality (2 Dec 2013)*
- *EU - Latin American dialogue on RM (Lima, Peru)*
- *Workshop: best practices on mining policies (foreseen June 2014)*
- *EU - Greenland workshop (foreseen Sept. 2014)*
- *EU - African Union workshop (foreseen Oct. 2014)*



2. 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.



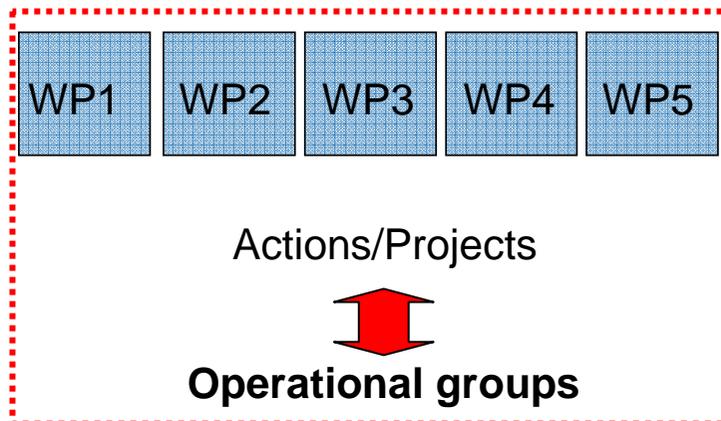
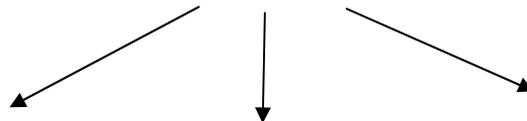
Commission adopted the **proposal for an Innovation Partnership on raw materials** on **29 February 2012**
COM(2012) 82 final



Note: The EIP is not a new funding instrument.

High Level Steering Group

+ Sherpa group



Orientation level

Planning / Monitoring

Advice / Implementation

Objectives



2. European Innovation Partnership on Raw Materials

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



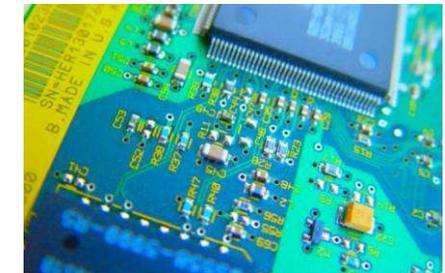
•I. Technology Pillar

- 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

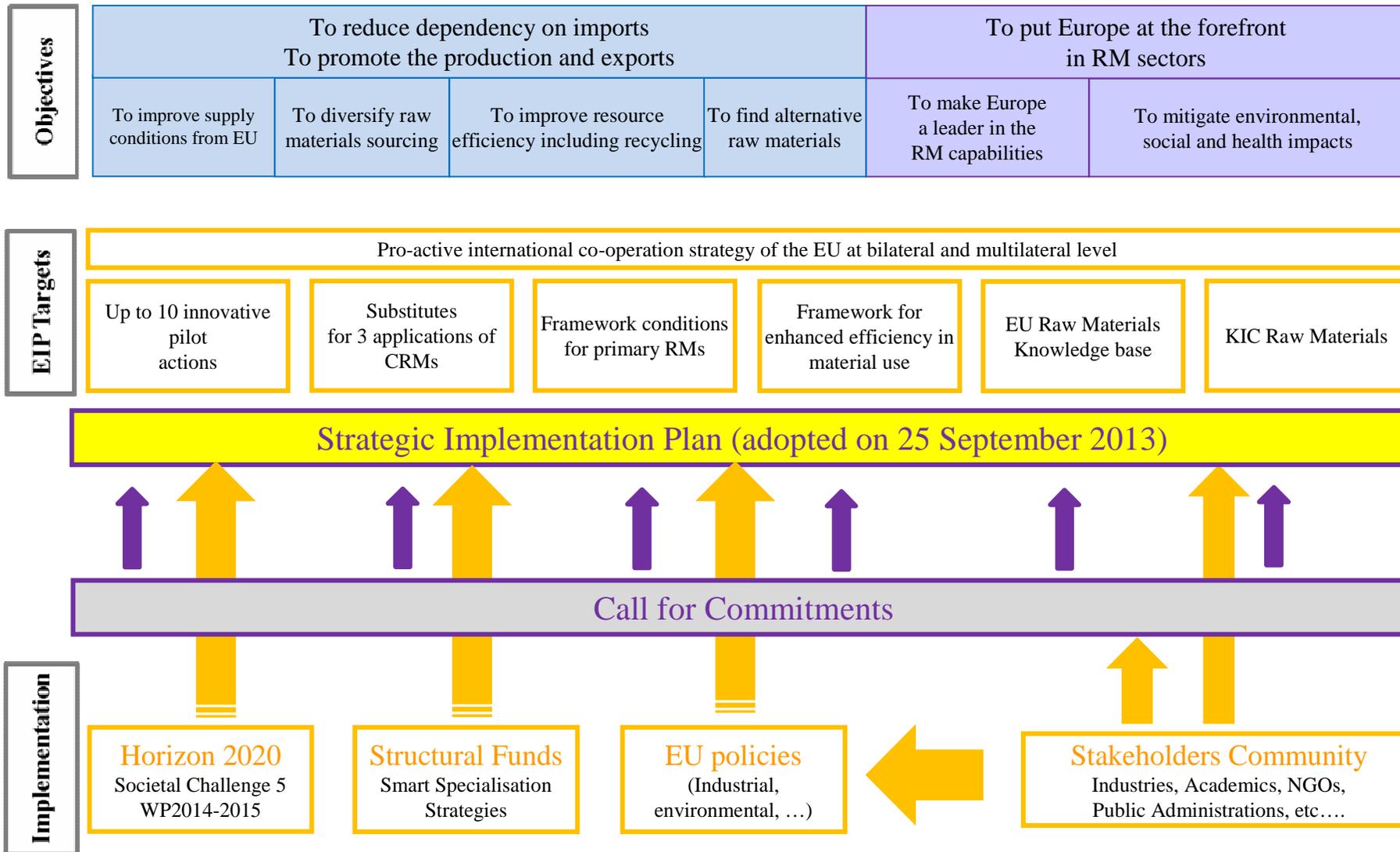
Latin American countries were identified by EIP stakeholders as key partners to cooperate in the international pillar



EIP Scheme



2. European Innovation Partnership on Raw Materials





Call for Commitments

- launched on 31 October (**closing on 7 February 2014**)
- next calls in 2015, 2017 and 2019

Guidelines - purpose

- (1) To explain the basis for recognition of commitments by High-Level Steering Group**
- (2) To promote quality commitments**

Guidelines - content

- (1) Introduction**
- (2) Purpose of the call**
- (3) Conditions for recognition**
- (4) Procedure for recognition**
- (5) Implementation**



7 February 2014

- Deadline to submit Commitments

March/April 2014 - Sherpa Group meeting

- Prepare High Level Steering Group and adopt Monitoring and Evaluation Framework

8 April 2014 – Horizon 2020

- Horizon 2020 deadline for first Call for Proposals

April/May 2014 - High Level Steering Group

- Adopt list of commitments

2nd half of 2014

- European Commission to adopt a Communication on Strategic Implementation Plan
- 1 or 2 Operational Groups meetings and 1 or 2 additional Sherpa Group meetings
- Annual Conference of the EIP on Raw Materials

References



- EU raw materials webpage:
http://ec.europa.eu/enterprise/non_energy_extractive_industries/raw_materials.htm
- European Innovation Partnership on Raw Materials:
<https://ec.europa.eu/eip/raw-materials/en>



Thank you