### Sustainable raw materials management: Challenges for the supply-chain and stakeholder collaboration in Europe

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The conference script...

"Multi-stakeholder dialogue on mining policy is inefficient at international, national and local levels."

"... to promote **knowledge sharing** and address the challenges posed by **mining to sustainable development** 

→ Effective stakeholder collaboration & guidance for sustainable minerals policy

"... and foster dialogue on EU trade strategy for raw materials and sustainable supply from global markets.



### Roadmap

#### I. Europe's strategic raw materials policy approach

- > EIP Raw Materials policy tool for multi-stakeholder collaboration
- A strategic and integrated approach

## II. A glance on stakeholder collaboration: FP7 COBALT project

- A multi-stakeholder platform for sustainable raw materials mgt
- > 10 COBALT recommendations for effective stakeholder collaboration

## III. Guidance for innovative and sustainable minerals policy

#### **IV. Conclusions and Outlook**

#### Beyond secure supply & efficiency



















"... to promote knowledge sharing and address the challenges posed by mining to sustainable development"

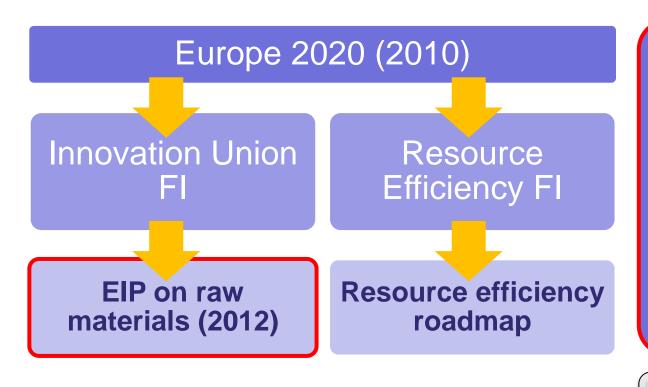
# Europe's strategic policy approach on secure and sustainable supply

- ➤ EU policy framework
- ➤ EIP Raw Materials Strategic and integrated approach
- ➤ Current state of action



#### EU policy framework

### Raw material policy framework



Raw materials Initiative (2005)

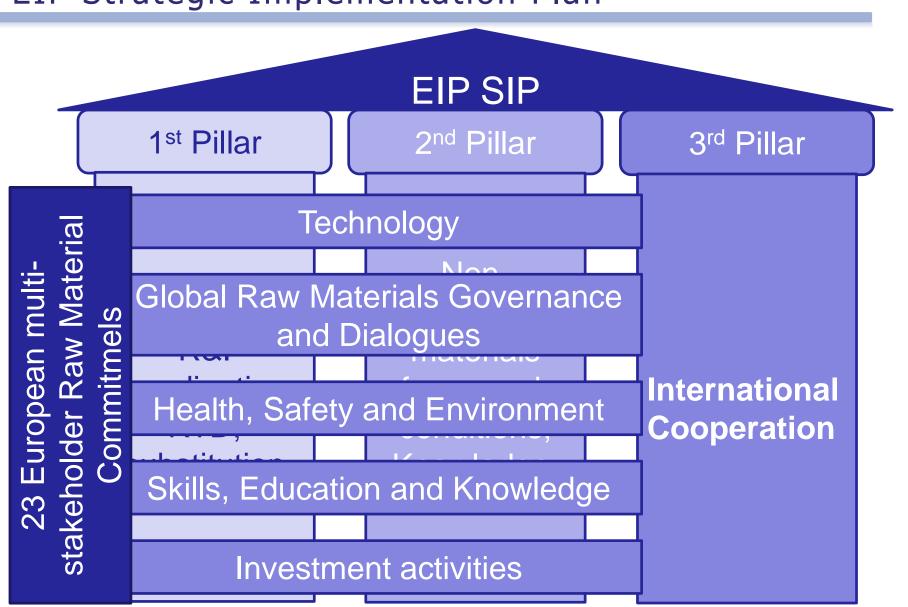
Circular Economy Package (2015)

#### EIP Raw Materials: scope and objectives

- Objective: security of supply of non-energy, non-agricultural raw materials
- Established 2012 in the context of Europe 2020 and its Innovation Union Flagship Initiative
- ❖ Lead by DG GROW in collaboration with DG Env and DG R&I
- The EIP's Strategic Implementation Plan (SIP) set out specific objectives, targets, action areas and recommendations for stakeholder-collaboration
- Raw Material Commitments: bringing together a multitude of different stakeholders



### **EIP Strategic Implementation Plan**



#### **EIP Raw Material Commitments**

#### Raw Material Commitments (2014/2015):

- joint undertakings (e.g. multi-stakeholder partnerships) to activities achieving the EIP's objectives
- nature of this commitment is not binding and
- encompasses to deliver activities and expected results, annual report, commercial and societal benefits

### Voluntary commitments in European and international processes – drivers for change?

- Raise awareness on raw material challenges
- Get a guarantee of accordance with the EIP and the EU raw material policy
- Potentially allow access to finance and knowledge from various sources
- Join forces with other partners

"Multi-stakeholder dialogue on mining policy is inefficient at international, national and local levels."



# A glance on stakeholder collaboration: FP7 COBALT project

- ➤ A multi-stakeholder platform
- ➤ 10 COBALT Recommendations for effective stakeholder collaboration in SRMM

#### **COBALT** focus and key aspects

Funded in FP7 2013-2015, collaboration & community building

#### Focus on raw materials challenges

- Non-energy, non-agricultural raw materials and high environmental & social impacts
- Critical and scarce raw materials

#### **Key aspects of the project**

- Reflect upon stakeholder collaboration in the context of sustainable raw materials management
- Value chain and life-cycle perspective
- Discussing environmental & social issues (SD spin)
- Multi-stakeholder perspectives and plurality



The need for a broader perspective on raw materials



# European Innovation Partnership

Civil society

EU MS Government

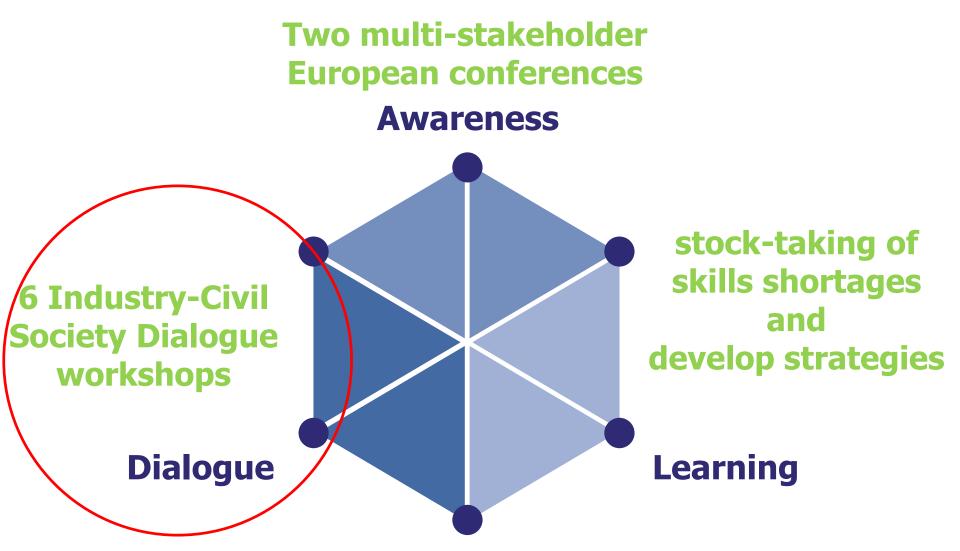
Industry

Research

Consumer organisations, Env/social NGOs



What we want to achieve in COBALT...



#### **COBALT Dialogue topics**

Based on topicality, EIP priorities, European/regional policy challenges:



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### COBALT Industry-civil society dialogue

### (1) Opening and orientation

- Project intro, workshop objectives
- Speed dating (meeting a stranger)

## (3) Learning from practical experiences

- 3-4 good practice examples
- Plenary discussion

#### (2) Framing the dialogue

- 3-4 keynote presentations
- Intra-stakeholder dialogue (interactive group work)
- Presentation of results

### (4) Future avenues for collaboration:

- Inter-stakeholder dialogue (interactive group work)
- Presentation of results



### Benefits - What makes working together pay off?

#### For Industry-CSO collaboration...

Raising societal awareness Most relevant Informing individual citizens/consumers for industry or multipliers Gateway to each others **Promoting** networking stakeholder group Most relevant Improving communication Building up platforms for and mutual long-term communication for CSO understanding Making use of different Relevant Fostering Knowledge Transfer sources of knowledge for Industry Collaborating in and CSO Advancing common agendas research projects

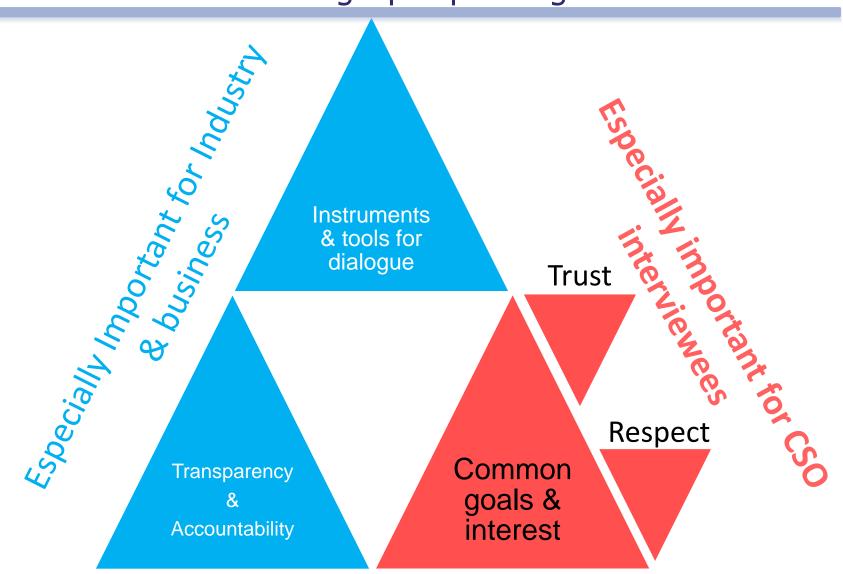


### Enablers – What brings people together?





#### Enablers – What brings people together?





### The 10 COBALT recommendations for an effective multi-stakeholder dialogue

- ❖ Base discussions on dialogue, not on dogma
- creating a sense of common purpose and, as much as possible, finding a common language and committing to an open discourse
- Be clear on objectives and limits of dialogue upfront
- Clarifying the dialogue objectives, the dialogue process, and possible outcomes of the dialogue early on is crucial
- ❖ Provide appropriate formats, processes and settings for dialogue dialogue formats should allow all participants to express different views and perspectives in a cooperative and constructive way
- Have a neutral facilitation body run the dialogues

As Raw materials topics are diverse and often conflicting, dialogue processes should be as neutral as possible, aiming to balance the (time for) expression of existing goals and working towards joint solutions.

"Multi-stakeholder dialogue on mining policy is inefficient at international, national and local levels."

# Minerals policy Guidance for Europe H2020 project MIN-GUIDE

- ➤ Challenges for minerals policy
- ➤ An approach for sustainable minerals policy and stakeholder collaboration

#### Challenges for EU minerals policy

#### Policy supply chain challenges (EIP SIP)

- > permitting procedure is often lengthy and involves many authorities with potentially overlapping and even conflicting requirements.
- Loose Integration of Environmental impact assessment (EIA) as a means for gaining social acceptance for mining activities
- Knowledge of raw materials reserves is dispersed and terminology is often heterogeneous

#### Policy governance challenges (EIP SIP)

- no clear understanding and lacking transparency
- Lacking vertical and horizontal policy integration: Coordination and implementation of minerals policies at different levels (EU, MS, regional, local); incoherent to and dispersed among other policies
- Little public and implementation support

### MIN-GUIDE project: Guidance for sustainable minerals policy in Experience of the susta

### I. Profiling Minerals Policy in Europe

- Developing comprehensive, customizable, user-friendly and up-to-date online "Minerals Policy Guide"
- comparable information of EU level and 28 EU MS minerals policy and legislation and related policy areas
- comprising systematic stock-taking, benchmarking and identification of best practice for innovation facilitating EU MS policy



#### LATEST NEWS

RawMatTERS consortium - the winner of the call for KIC on Raw Materials

ublished: 18/12/2014

On 9 December 2014, the EIT announced the the pain-European consolitury RawMatTERS as the winner of the 2014 Call for Knowledge and Innovation Communities (KICI) in the area of Raw Materials. RawMatTERS plans to address serious raw materials supply challenges that the EU is account to the control of the Communities of the Communities

#### Read more

EIT Principles for financing, monitoring and evaluating KIC activities published

Published: 03/02/2014



The EIT is today publishing the Principles for financing, monitoring and evaluating KIC activities. The Principles form a key component of the documents prepared by the EIT to help those interested in forming a KIC and should be read alongside the Selection Criteria and the Framework of Christoppe 1.

The EIT Call for KICs Proposals will then be launched on 14 February 2014 followed by an Information Day in Budapest on 14 Marci 2014

#### EVENTS CALENDAR

Eating the Pudding - because the proof of the pudding is in the eating!

From 10/03/2015 to 11/03/2015

Horizon 2020 has started, a new game with new rules. What are the experiences so far? What has improved? What new obstacles and challenges have appeared? Are there already best practices we can learn from?

#### Read more

EIP on Raw Materials Annual Conference

From 13/01/2015 to 14/01/2015 Hotel Le Plaza - Boulevard Adolphe Max 118-1; 1000 Brussals

The High Level Conference of the European Innovation Partnership (EIP) on Raw Materials will be held on 13 January 2015 in Brussels. It will be followed by a Brokerage event on the Raw Materials relevant topics of Horizon 2020 on 14 January 2015.

Read more

#### STAKEHOLDER CONTRIBUTIONS

ICT 4 Excellent Sci @ICTscienceEU
Register to infoday on #H2020 - Science will
and for Society 2015 on 22/05. Only 150
places! b2match.eu/horizon-swafe2...

AZAyO

Offerent kinds of actions possible from H2020, such as research and innovation

ctions, etc. #FinCEALPlus @mikkar98

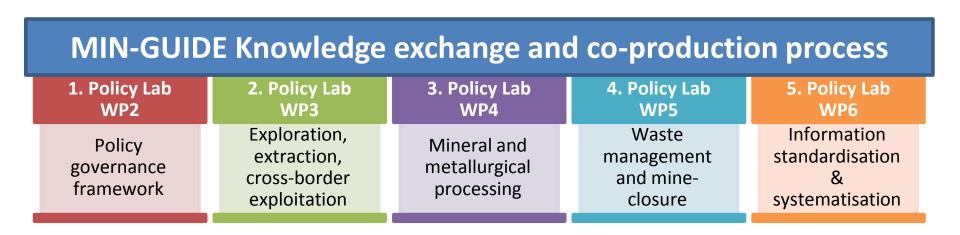
ICT 4 Excellent Sci @ICTscienceEU
Register to infoday on #H2000 - Science and for Society 2015 on 2015. Only 150 places ID-match authorizon exels?



### MIN-GUIDE project: Guidance for innovative and sustainable minerals policy in Europe

## II. Knowledge co-production for minerals policy decision makers – "Policy Laboratory" workshops

- Conducting interactive knowledge co-production and learning processes in five "Policy Laboratory" workshops along the mineral production chain.
- ❖ Facilitating in-depth understanding of best practice policies on 1) success factors, 2) enabling framework conditions, and 3) levers for transferability in different contexts.



### MIN-GUIDE project: Guidance for innovative and sustainable minerals policy in Europe

## III. Systemic and integrative co-management - forming a sustainable minerals policy stakeholder network

- Engaging minerals production sector stakeholders (policy, business, research, civil society) in a more systemic, integrated and multi-stakeholder setting
- Contextualizing minerals policy in a broader setting and enabling a mining value chain perspective
- ❖ Integrating the mining value chain into the circular economy approach

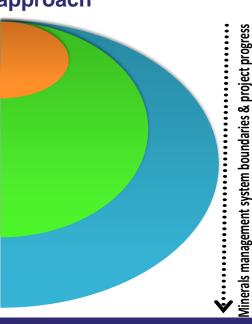
The **Opening Conference** 'European minerals policy: Stock-taking and revealing the governance framework'

...will set the scene for the 'Minerals Policy Guide' by revealing insights of minerals policy and governance frameworks in Europe (WP2) and propose features of its usability for different stakeholder groups.

The Mid-term Conference 'Best practice minerals policy transitioning the minerals production valuechain' ...will engage stakeholders in an integrated and systemic perspective along the whole mineral production value chain. The project team will building on the insights of the stocktaking exercise and further explore best practice cases of innovation fostering policy and legislation in terms of exploration and extraction (WP3), processing (WP4) and waste management and afterlife (WP5). The conference will then streamline these results by investigating how different elements interact in the entire value chain of mining activities.

The Closing Conference
'The future perspective of
minerals production in the
circular economy'

...will put the co-created knowledge from WPs, workshops and previous conferences in a holistic framework by investigating the potential of the minerals sector in achieving a circular economy.



#### Conclusions and Outlook

Stakeholder collaboration and co-management for SRMM

- ...constitutes (a) complex problem(s) comprising conflicting interests and contesting issues
- ...requires the sharing of responsibilities, rights and duties between different stakeholder groups
- ...is not a fixed state but a process along a continuum, no blue-print
- ... is crucial for processes such as knowledge generation, coordination, transparency and accountability of actions and legitimacy

# I wish you interesting discussions

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www.cobalt-fp7.eu www.sustainability.eu





**MIN-GUIDE** 

Minerals Policy Guidance for Europe



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