

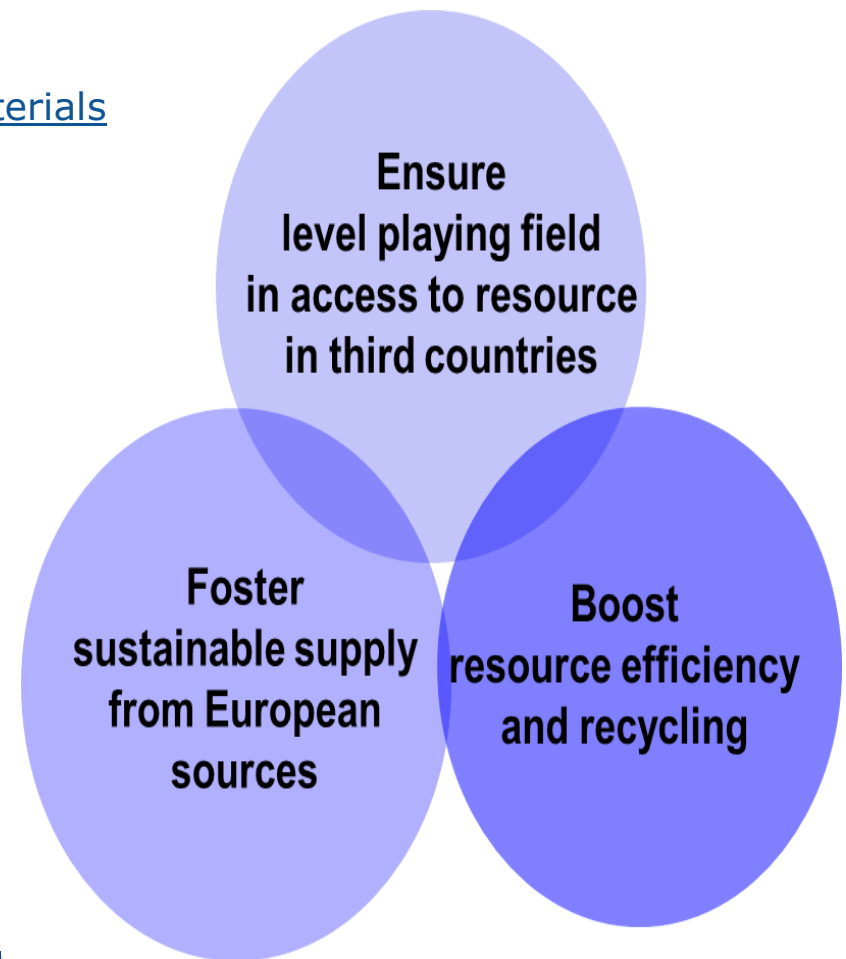
Responsible Raw Materials and links to Circular Economy- EU approach

***International Workshop
A New Successful Economic, Industrial,
Financial, Territorial Management Model SDGs
& Circular Economy
Bologna, 18-19th July, 2018***

Maria NYBERG
European Commission. Directorate-General for Internal
Market, Industry, Entrepreneurship and SME's (DG GROW).
Unit C2 - «Resource Efficiency and Raw Materials»

Raw Materials Initiative = EU raw materials policy

- Aim: securing sustainable supplies of raw materials
- Non-energy, non-agricultural raw materials
- Integrated strategy (3 pillars)
- Introduced a list of Critical Raw Materials in 2011 and updated lists in 2014 and 2017



EU Raw Materials Strategy and Juncker priorities



Climate Paris agreement

Sustainable Development Goals

Raw Materials Initiative *EU policy*

EIP on Raw Materials
Strategic Implementation Plan

- ✓ **CRM list**
- ✓ **H2020 funding**

Transition to a low carbon and circular economy

Commission priorities 2015-19

1. Jobs, Growth and Investment
 - *circular economy and green growth*
3. Energy Union
 - *transition to a low-carbon economy*
(renewables, electricity market, transport...)
4. Internal Market
 - *unlock the full potential of the single market*
- *a renewed EU Industrial Policy Strategy*
6. Trade policy to harness globalisation
 - *economic diplomacy*
- *raw materials chapters in FTAs*
9. A stronger global actor
 - *international cooperation and development*

When: launched in 2013, based on Raw Materials Initiative, Industrial Policy, Innovation Union

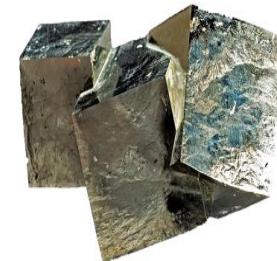
Who: Industry, public sector, academia and NGOs in
HLSG + Sherpa, Operational Groups
Groups renewed in 2017

**123 Raw Materials Commitments: 980 partners,
indicative budget ± EUR 2 billion**

Why: ...to ensure the sustainable supply of raw materials to the
European economy...

What: **Strategic Implementation Plan** adopted in 2013 **Achieving
targets**

Position paper on future orientations of the High-Level
Steering Group of the EIP. 20 December 2017



Raw Materials Commitments particularly relevant to regions:

- **MIREU** (Mining regions of EU (2016-2017))
- **NATREG (National and regional roundtables on Europe's raw materials framework conditions 2017-2020)**

EIP-RM Strategic Implementation Plan (SIP)

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

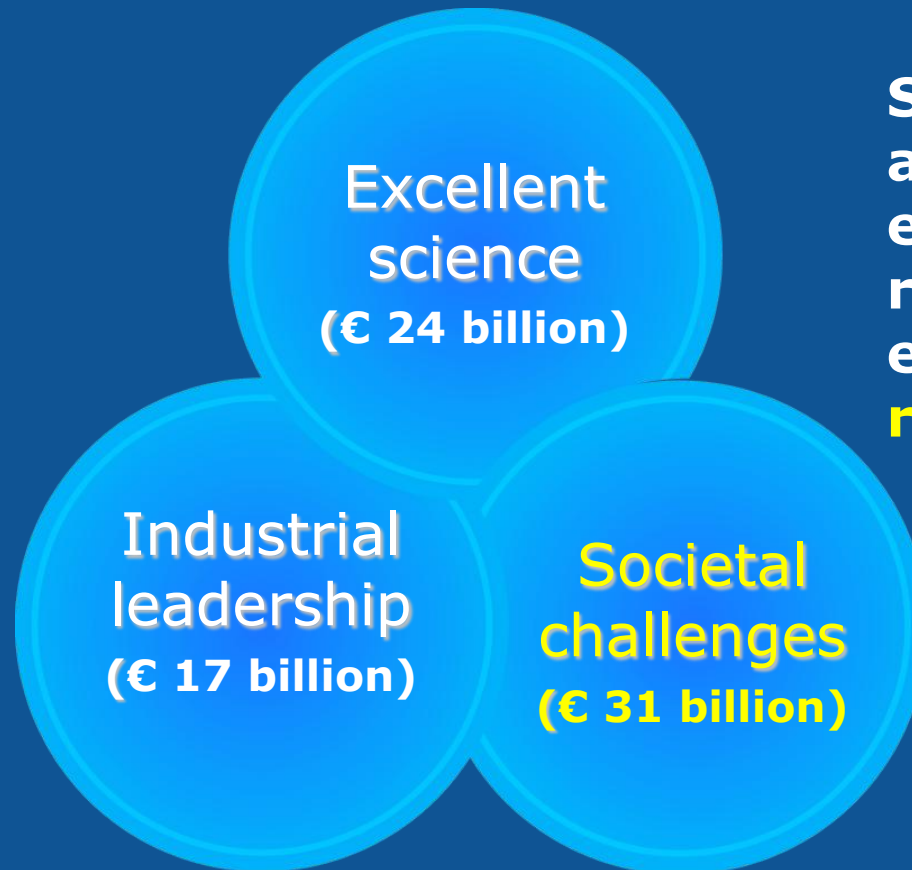
- III.1 Technology
- III.2 Global Raw Materials Governance and Dialogues
- III.3 Health, Safety and Environment
- III.4 Skills, Education and Knowledge
- III.5 Investment activities

Horizon 2020

Context and overview

1. EU Policy background

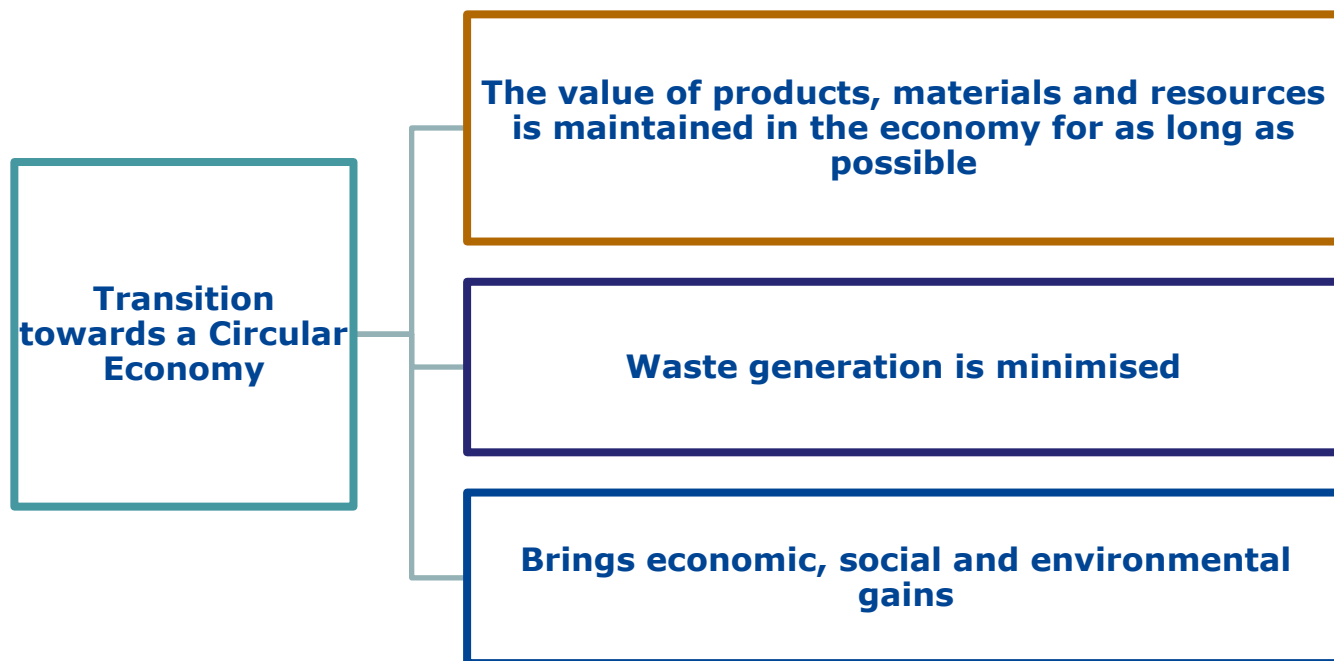
Raw Materials in Horizon 2020



SC5. Climate action, environment, resource efficiency and raw materials

"Closing the loop. An EU action plan for the Circular Economy"

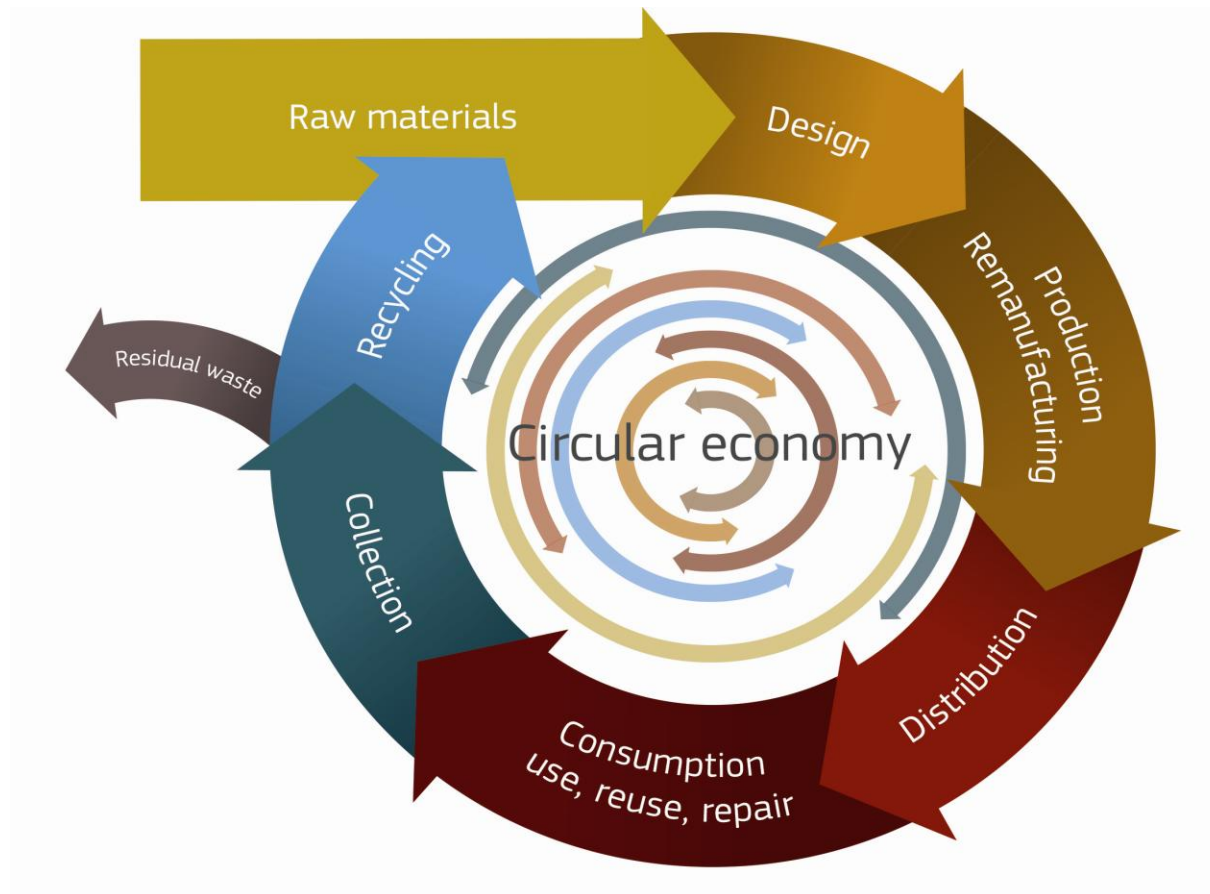
Commission's Communication COM(2015) 614 final



From a Linear Economy...



... to a Circular Economy



Raw Materials Week!

12-16 November

**Registration will
open SOON!**



Thank you!

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EU Raw Materials Week 2018

<http://eurawmaterialsweek.eu/index.html>



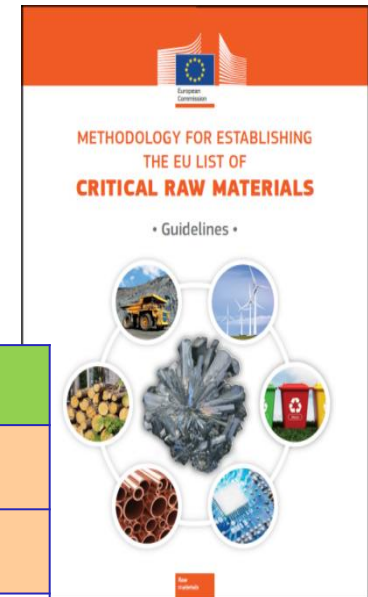
Policy and strategy for raw materials

http://ec.europa.eu/growth/sectors/raw-materials/policy-strategy_en

EIP on raw materials

<https://ec.europa.eu/growth/tools-databases/eip-raw-materials/en/content/european-innovation-partnership-eip-raw-materials>

- **78 raw materials** evaluated with **fact sheets available, revised methodology** published – CRM website
- Commission's Communication on **2017 list of Critical Raw Materials for the EU**, COM(2017)490, 13.9.2017



2017 CRMs (27)			
Antimony	Fluorspar	*LREEs	Phosphorus
Baryte	Gallium	Magnesium	Scandium
Beryllium	Germanium	Natural graphite	Silicon metal
Bismuth	Hafnium	Natural Rubber	Tantalum
Borate	Helium	Niobium	Tungsten
Cobalt	*HREEs	*PGMs	Vanadium
Coking coal	Indium	Phosphate rock	

EU RMIS

*HREEs=heavy rare earth elements, LREEs=light rare earth elements, PGMs=platinum group metals