



EU raw materials policy perspective on LCM

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**European Commission
Directorate-General for Internal Market, Industry,
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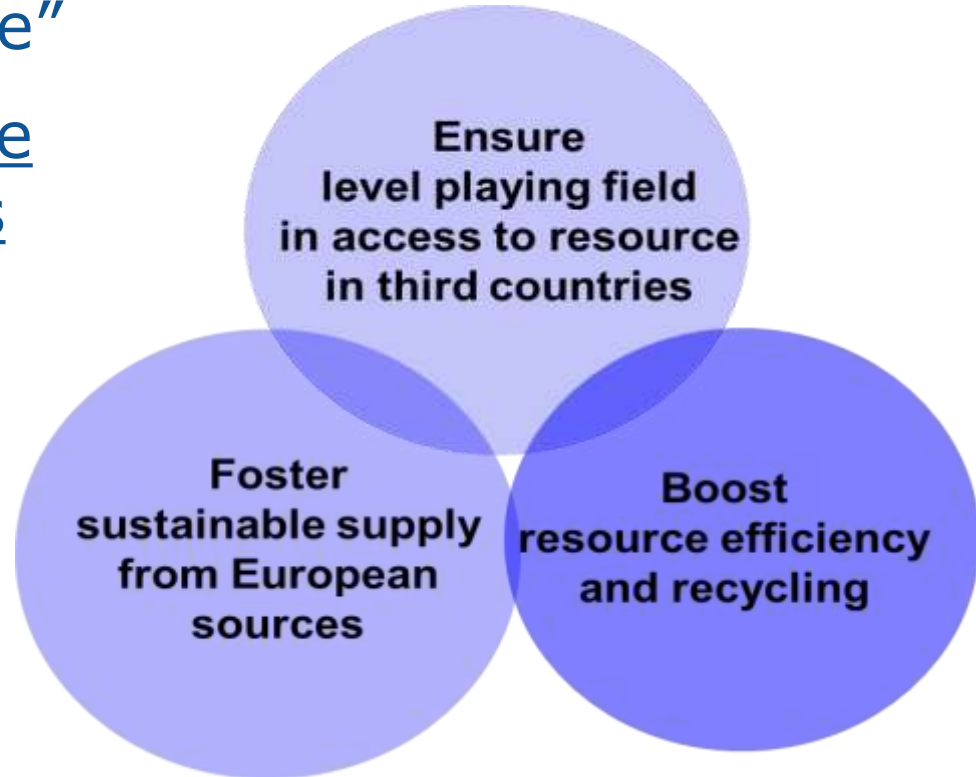
Resource Efficiency and Raw Materials



EU "Raw Materials Initiative"

- Aim: securing sustainable supplies of raw materials
- Launched in 2008, consolidated in 2011
- Non-energy, non-agricultural raw materials
- Integrated strategy

(3 pillars)





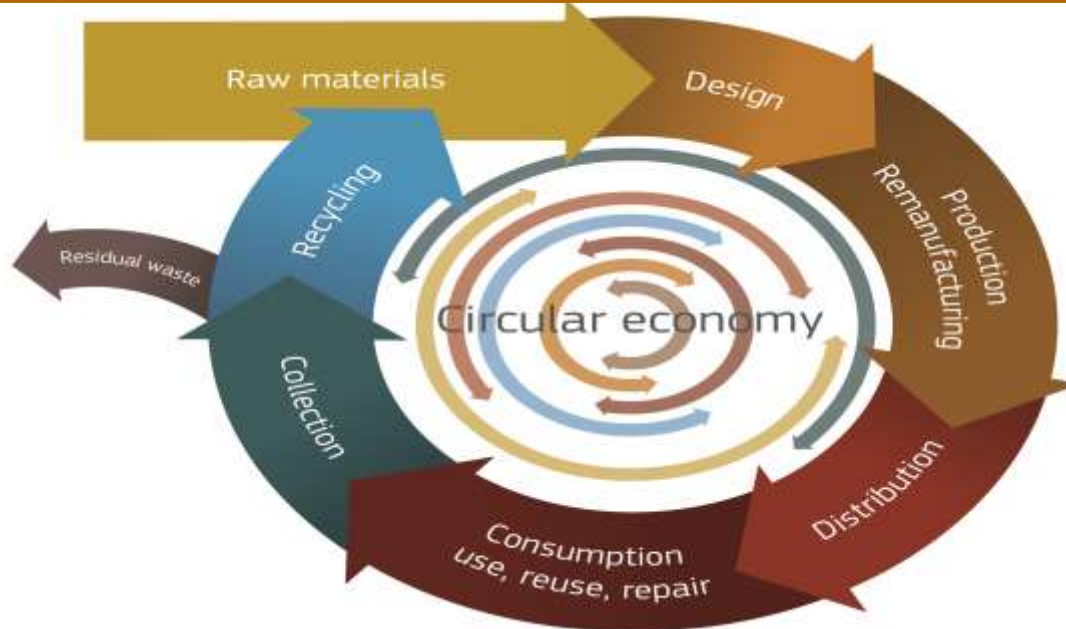
Circular economy and Juncker Priorities for EU



Circular economy



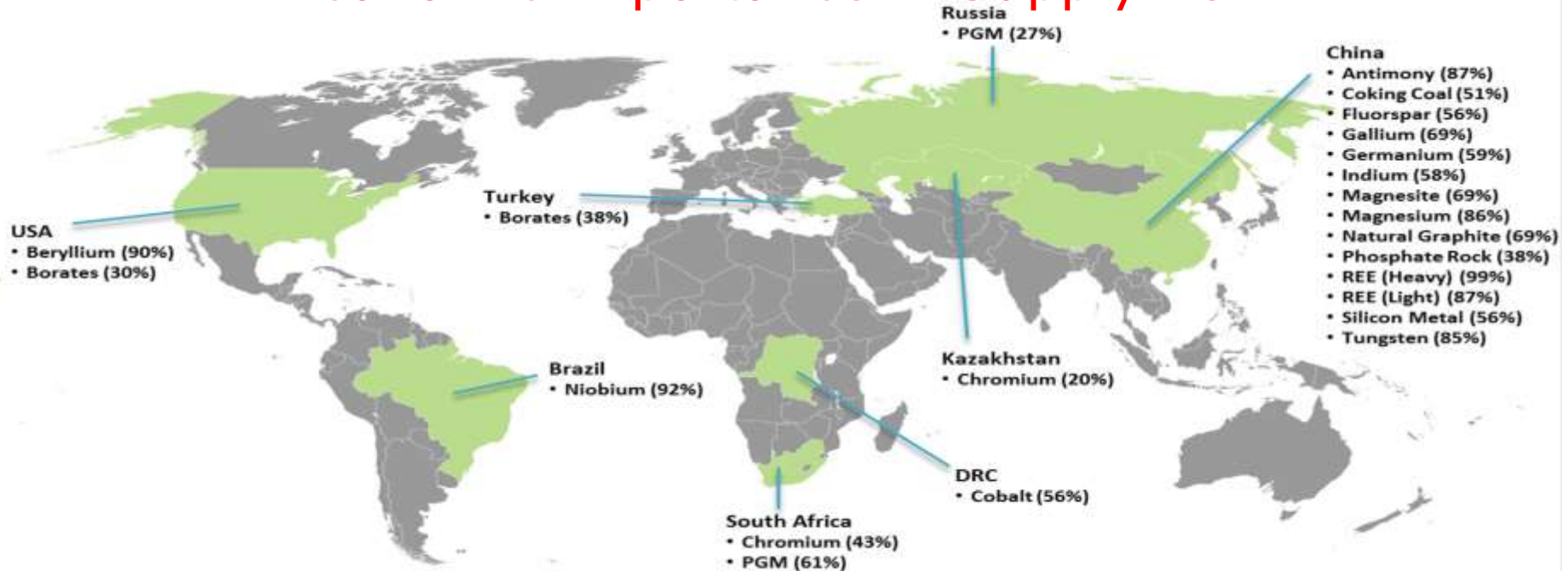
The value of products, materials and resources is maintained in the economy for as long as possible



**Innovation,
Investment
&
Monitoring**

Critical raw materials to the EU (2014)

Economic importance + Supply risk





➤ **Material efficiency under the Ecodesign of Energy-related Products Directive**

- Extending product lifetime;
- Ability to re-use components or recycle materials from products at end-of-life;
- Use of re-used components and/or recycled materials in products;
- Use and recyclability of Critical Raw Materials
- etc.



Circular Economy and Environmental Footprint

- Promote products, services and organisations achieving circular economy objectives
- We need "metrics" to measure the environmental performance of products (including services) and organisations
- The Environmental Footprint methods (PEF/OEF) might represent the common metrics to be used in some of the circular economy related policies

Environmental Footprint pilot phase

Links to the circular economy:

- Consider the whole lifecycle
- Reliable information on lifecycle environmental performance
- Understanding trade-offs along the whole value chain: better design and production decisions

