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# A European Strategic Research and Innovation Agenda for a Sustainable Raw Materials Supply and Use

More than ten years have passed since the ERA-MIN Research and Innovation Agenda was published and the Raw Materials landscape has considerably changed since then.

As the world, and in particular the EU, transitions from a fossil-based economy to a near-zero waste and emission economy, this comes with a number of challenges.

**Demand** for many raw materials skyrocket as we transition from a fossil economy, up to 20 times the current demand by 2040.

Geopolitical risks are higher than anticipated some decades ago, and time is short to supply all necessary materials.

Recycling will only meet a fraction of the demand, we need action on both short and long term to increase our resilience.

The aims for the new SRIA within the field of non-fuel, nonfood raw materials are:

- Identifying critical technological and structural challenges within the EU, related to the supply of raw materials for the green and digital transition.
- Addressing needs for research and innovation to tackle the challenges, as well as prioritizing among strategically important core targets.

### CORE themes

- Technical innovation
- Close to business
- Focus within economic activity

### **SUPPLY**

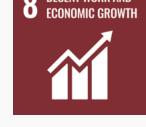
and secondary raw

of raw materials in design and production

#### **CONSUMER**

Sustainable use and reuse of products













## TRANS-VERSAL themes

- Social innovation
- Human centric
- Focus on social and ecological sustainability

Scan for more info on the initiative!



**Resilient primary** materials supply

**Efficient use** 

#### **PRODUCTION**

**Effective policy** development and governance

Maximizing societal benefits

World-class innovation capacity





















AND THE CIRCULAR ECONOMY

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