

Tobias C. Kampmann & Pontus Westrin (Vinnova),
Jorge Sotelo & Raquel Fernández Reyes (AEI, Spain),
Doroteja Zlobec (MIZS, Slovenia), Ana Luísa Lavado (GSI, Ireland),
Olga Kergaravat (ADEME, France), Nela Roy (ANR, France),
Dina Carrilho (FCT, Portugal)

European Strategic Research and Innovation Agenda for 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 skyrockets. Expert predictions indicate up to 20 times the current demand by 2040.

Geopolitical risks are higher than anticipated a couple of decades ago, thus threatening the sustainable and resilient raw materials supply to European industries and straining the raw materials value chain.

Recycling of raw materials will only meet a fraction of the demand and there is a need to act on both short- and long-term strategies to increase EU resilience.

The aims for the new SRIA within the field of non-fuel, non-food 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.

This Strategic Research and Innovation Agenda (SRIA) will serve as a basis for the proposed EU co-funded Partnership “Raw Materials Supply for the Green and Digital Transition” as the continuation of ERA-MIN3.

ERA-MIN3 (2020-2025) is pan-European network of 25 public research funding organisations, supported by EU Horizon 2020, that builds on the experience of the ERA-MIN (2011 to 2015) and ERA-MIN 2 (2016-2022).

Six thematic areas were proposed for the SRIA, three of which are technical, business focused themes addressing economic activity (so-called core themes) and will tackle the main research and innovation challenges in the field.

The remaining three themes have a focus on policy development, social (and environmental) sustainability and international cooperation (so-called transversal themes) and will enable the development of a strong innovation system.

The themes are aligned with the UN Sustainable Development Goals of Agenda 2030.

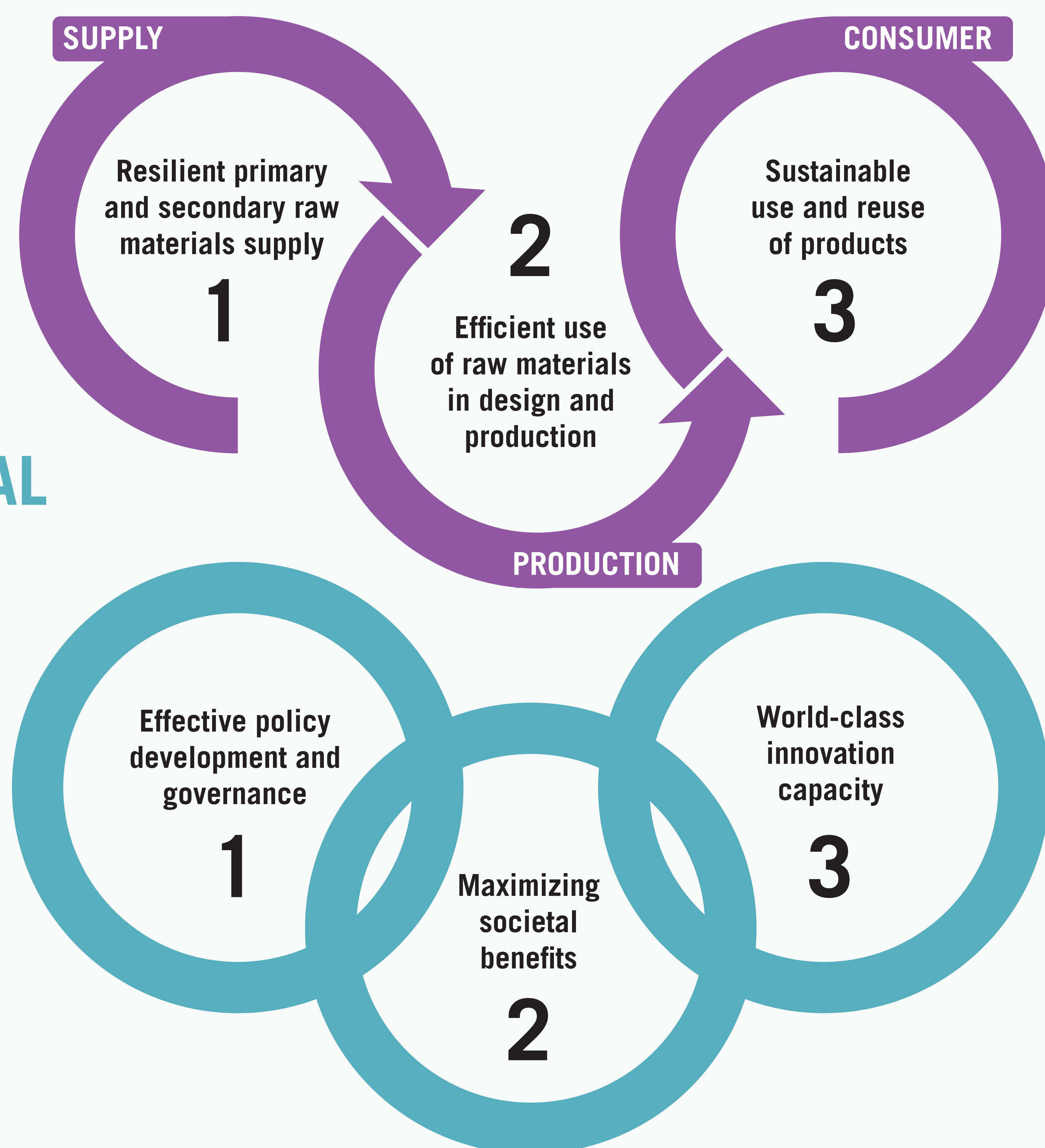
CORE themes

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

TRANSVERSAL themes

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

Scan for more info on the initiative!



RAW MATERIALS FOR THE SUSTAINABLE DEVELOPMENT
AND THE CIRCULAR ECONOMY

www.era-min.eu

[@eranetmin3](https://twitter.com/eranetmin3)

<https://www.linkedin.com/in/era-min/>

This project has received funding under grant agreement No. 101003575
Funding Scheme Era-Net Cofund



Co-funded by the Horizon 2020 programme
of the European Union