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# Policy development trends towards comprehensive circular economy framework in Lithuania

2022 06 09

# Roadmap for Lithuania's Industrial Transition to a Circular Economy

2020 October - 2021 December

Implemented under European Commission DG REGIO  
pilot project "Regions in Industrial Transition"

Ministry of the Economy and Innovation

# National Circular Economy Action Plan 2035

2021 December - 2023 March

Implemented under Lithuania's recovery and resilience  
plan reform "Towards circular economy"

Ministry of the Environment

**ROADMAP**  
FOR LITHUANIA'S  
INDUSTRIAL  
TRANSITION  
TO A CIRCULAR  
ECONOMY



# Roadmap for Lithuania's industrial transition to a Circular Economy:

the first vision of Lithuanian industry based on the principles of co-creation  
and partnership

Think and go circular 2021

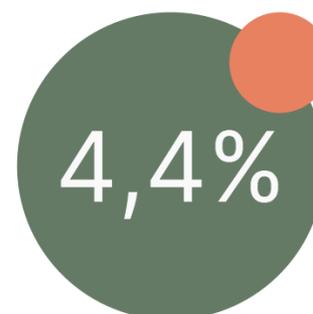
# The need for the development

The Lithuanian National Progress Plan 2021-2030 sets out the **Objective 1.4 Reorient industry towards a climate-neutral economy** (The Government of Lithuania).

Progress measure of the Programme for Economic Transformation and Competitiveness Development 2021-2030 - **Incentivise companies to move towards a climate-neutral economy** (The Ministry of the Economy and Innovation).

CLIMATE NEUTRAL

CIRCULAR



## CIRCULAR MATERIAL USE RATE (2020)

High local extraction of non-metallic minerals, high imports of fossil resources and low domestic recycling into secondary raw materials rates.



## ECO-INNOVATION INDEX (2021)

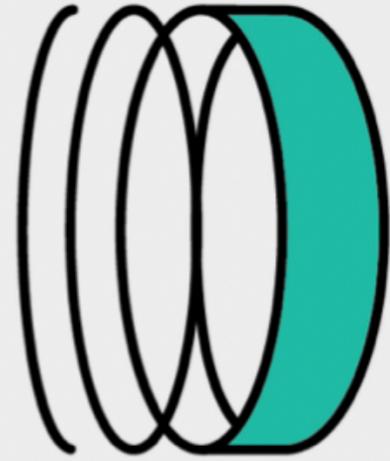
Lowest scores in eco-innovation inputs, activities and outcomes.



## RESOURCE PRODUCTIVITY (2020)

LT-0,88 EUR/kg, EU-2,23 EUR/kg.

**ROADMAP**  
FOR LITHUANIA'S  
INDUSTRIAL  
TRANSITION  
TO A CIRCULAR  
ECONOMY



50

**COORDINATION GROUP MEMBERS**

Representatives from all quadruple helix parts.

>10

**CO-CREATION SESSIONS**

Roadmap vision, structure, actions, etc.

>500

**PARTICIPANTS IN THE PROCESS**

Involvement in co-creation sessions and other events.

# The roadmap project set-up

## PROJECT OWNER

Ministry of the Economy and Innovation



EKONOMIKOS  
IR INOVACIJŲ  
MINISTERIJA

## PROJECT DEVELOPER

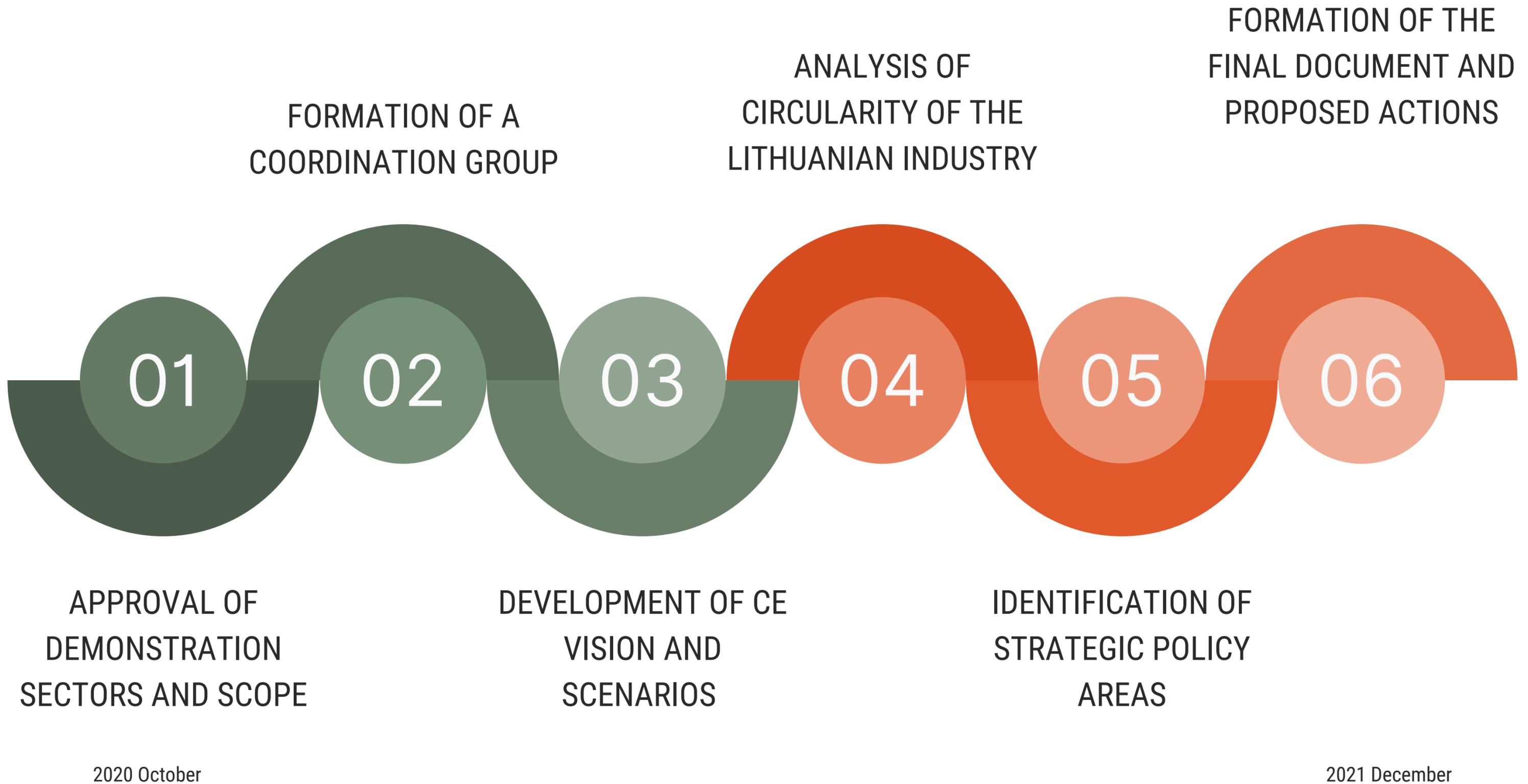
Agency for Science, Innovation and  
Technology (now - Innovation Agency)



## PROJECT EXPERTS

Foreign (Circle Economy) and local experts





# "Think and go circular"

Goals up to 2050

Climate neutrality - Full circularity - Competitiveness

## Action areas by 2030

EXTENDED PRODUCER  
RESPONSIBILITY AND CIRCULAR  
INDUSTRY

1

2

GREEN PROCUREMENT

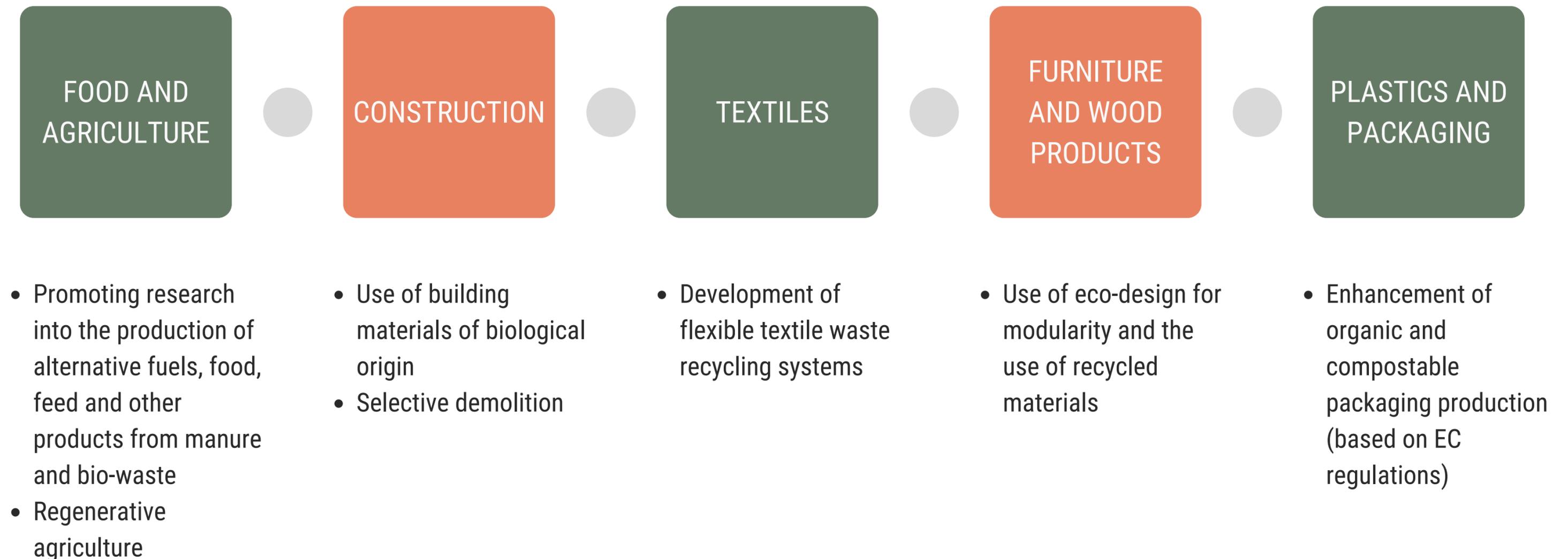
CREATING AND  
IMPLEMENTING A MARKET FOR  
SECONDARY RAW MATERIALS

3

4

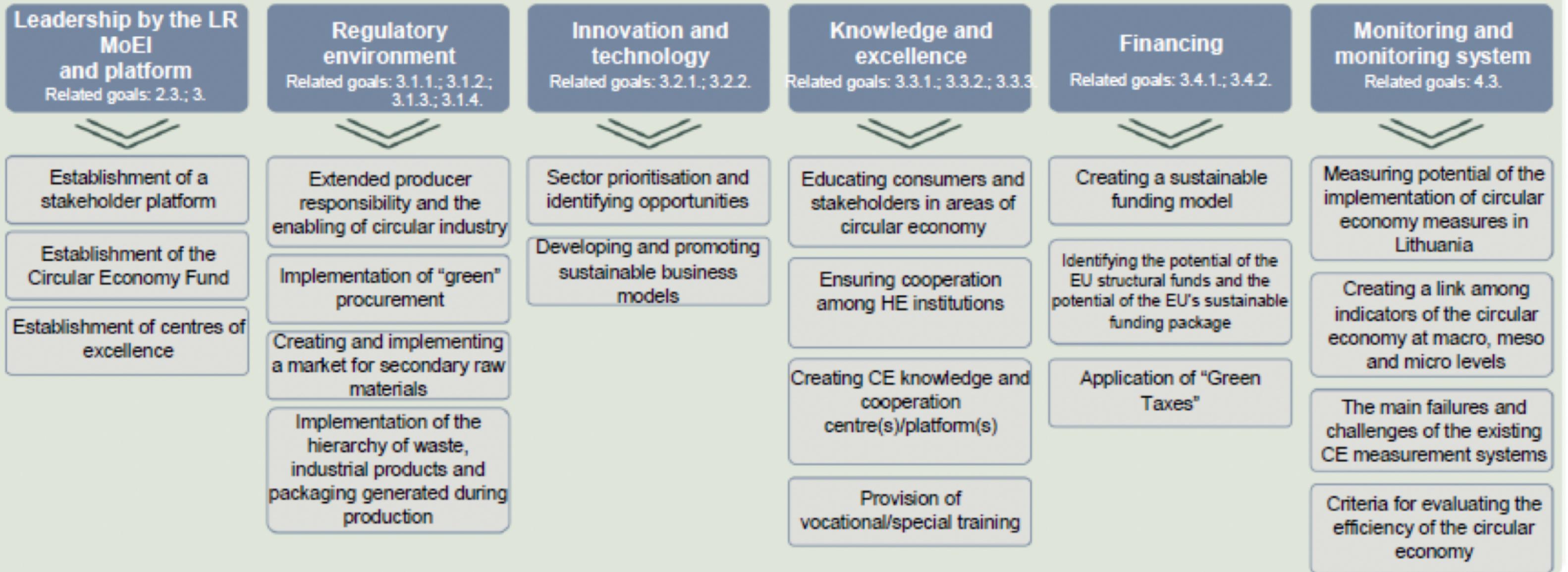
IMPLEMENTATION OF THE HIERARCHY  
OF WASTE, INDUSTRIAL PRODUCTS AND  
PACKAGING GENERATED DURING  
PRODUCTION

# Areas of transformation in demonstration sectors\*



\*based on the sector's economic importance, environmental impact and CE opportunities

## AREAS OF CHANGE IN LITHUANIA'S INDUSTRIAL TRANSITION TO A CIRCULAR ECONOMY

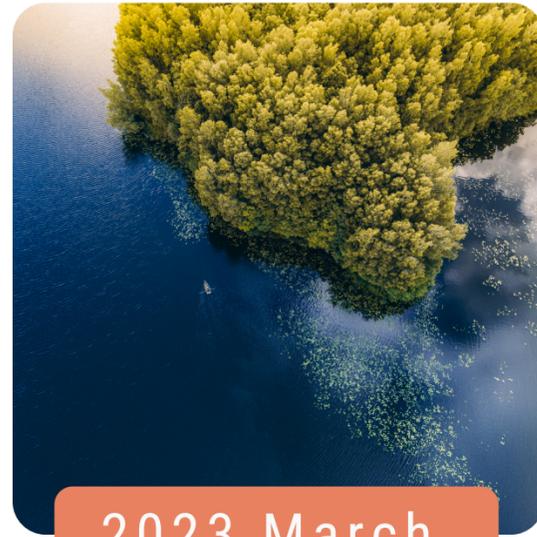


# Following actions



2022 August

SYNTHESIS OF  
INDUSTRIAL  
ROADMAPS



2023 March

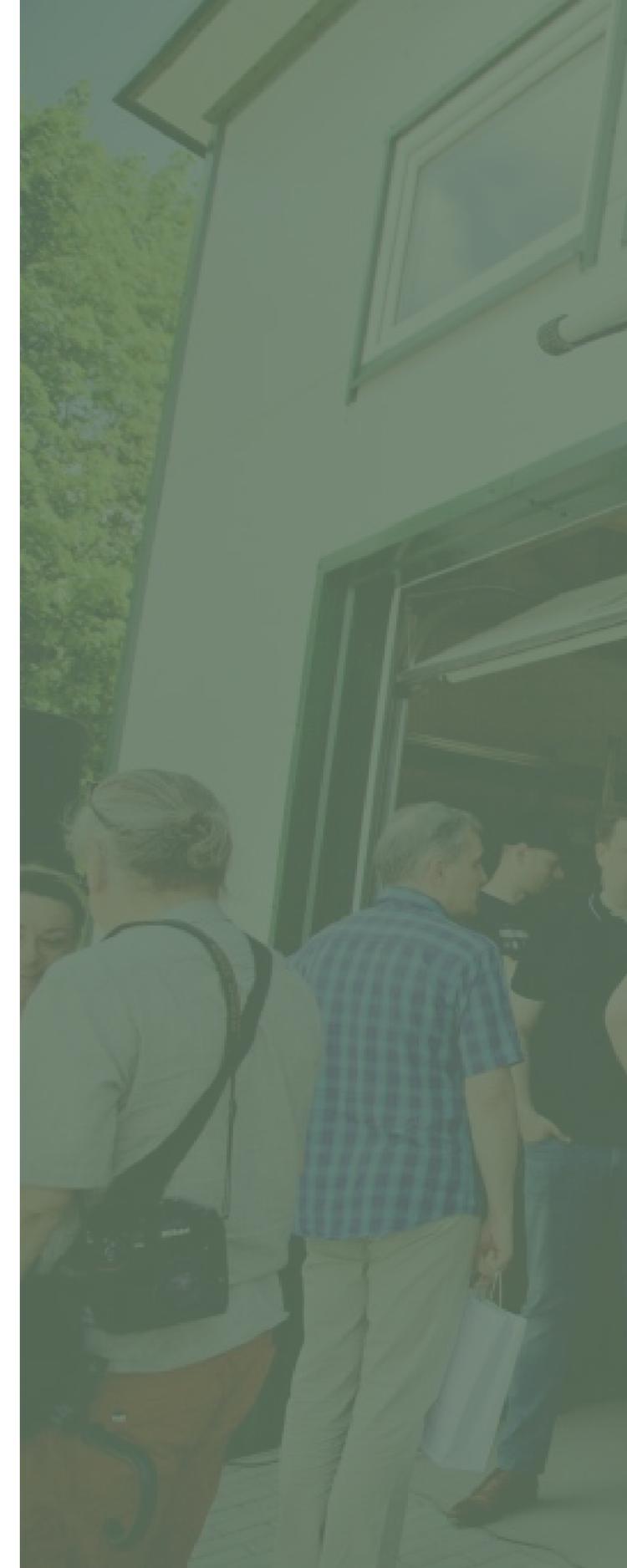
NATIONAL CIRCULAR  
ECONOMY ACTION  
PLAN

## EMERGING CE TOPICS WITHIN THE INDUSTRY

- R&D investments in CE solutions
- Pilot investments in industrial symbiosis projects
- Synergies between circularity and digitalisation
- Formation of secondary raw materials' marketplaces
- Building eco-design competences
- Green *and innovative* public procurement for CE

# Key process takeaways

- ✓ First focused work towards CE policy development
- ✓ Large engagement of stakeholders
- ✓ Extensive industry situation and opportunity analysis
- ✓ Process result is not definitive from the implementation perspective
- ✓ Need to leverage all encompassing industrial sustainability
- ✓ Constraints of a small and open economy (industry based on export)





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**THANK YOU!**

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