



POWER4BIO

REGIONS FOR
BIOECONOMY



Cross visit Czech Republic 30.11-1.12. 2020

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Ministry of the Environment**

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Preparation of Circular Economy Strategy in the Czech Republic



Circular Economy Strategy in Czech Republic



- ✓ Transition to the more circular economy is **national priority for the Czech Republic.**
- ✓ **Circular Economy can bring better environment, new jobs, new skills, higher raw material security, higher resilience and other benefits.**
- ✓ Preparation of national strategy for circular economy – **Circular Czechia 2040** started in 2018.
- ✓ *Czech Republic works on strategy together with OECD through the project funded by European Commission Structural Reform Support Programme.*

Circular Economy Strategy in Czech Republic



- **Timelines**
 - Duration: June 2018 – December 2021
 - Analytical work started in December 2018
- **Coordination**
 - Ministry of the Environment of the Czech Republic (Waste Management Department)
- **Stakeholder working group**
 - Provides feedback on the intermediate outputs by the MoE and the OECD
 - Composition:
 - Ministries and public institutions
 - Regions and municipalities
 - Business associations
 - Universities
 - Non-governmental organisations

Circular Economy Strategy in Czech Republic – Consultation Process



- **Public consultation**
 - Nation-wide consultation to provide feedback on the Circular Czechia 2040 strategy
- **Strategic environmental assessment**
 - Evaluation of environmental implications of the Circular Czechia 2040 strategy
- **High-level policy seminar**
 - Launch the Circular Czechia 2040 strategy
- **Adoption by the Government**
 - Expected by end of 2021

Circular Economy Strategy in Czech Republic – Analytical Workstreams



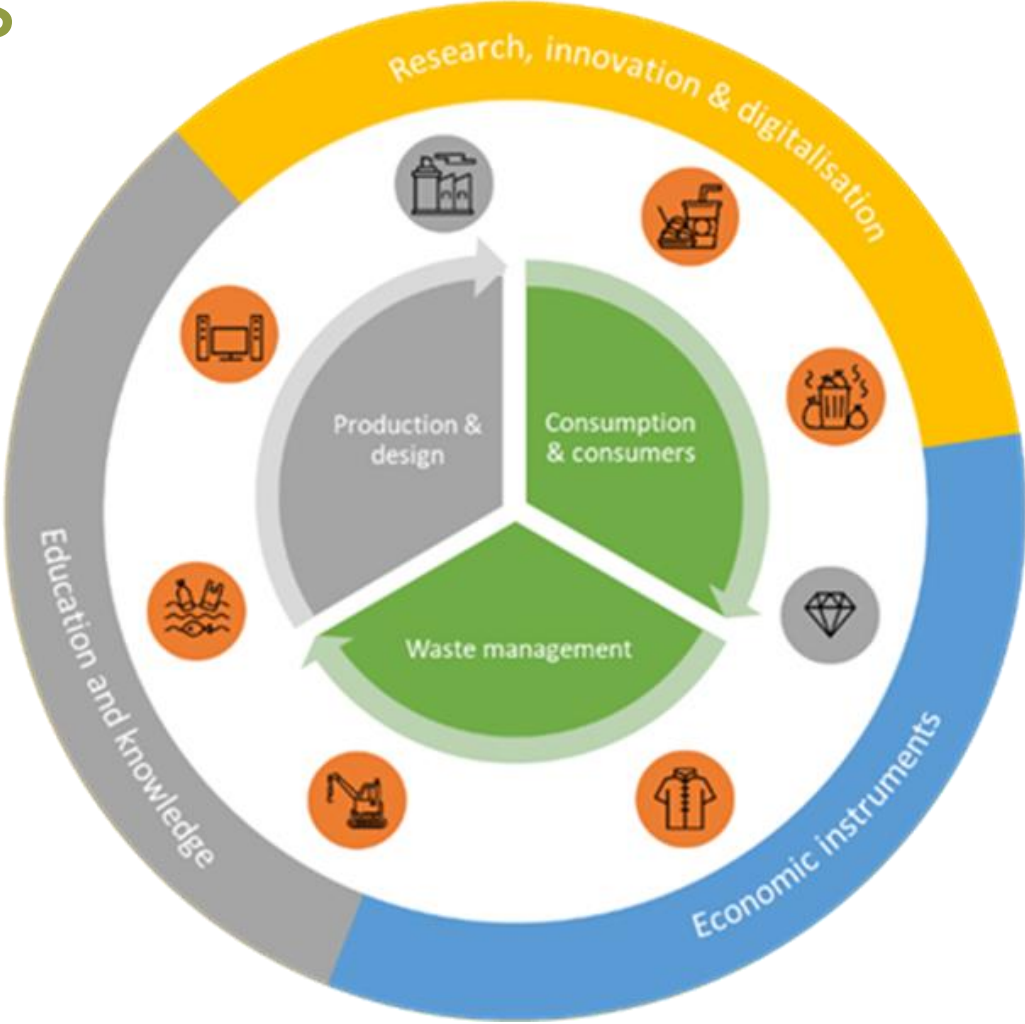
- **Developing a rationale for transitioning to a circular economy**
 - Analysis of international good practices from across the European Union
 - Analysis of existing policy landscape in the Czech Republic
 - Analysis of current trends and macroeconomic projections
- **Identifying the direction of change**
 - Development of draft vision for individual priority areas
- **Deep-dive into 4 priority areas and their circular potential**
 - Consumption and consumers
 - Waste management
 - Economic instruments
 - Research, innovation, and digitalisation
- **Developing implementation, monitoring and evaluation plans**

Circular Economy Strategy in Czech Republic – Strategic Framework and Key Policy Recommendations

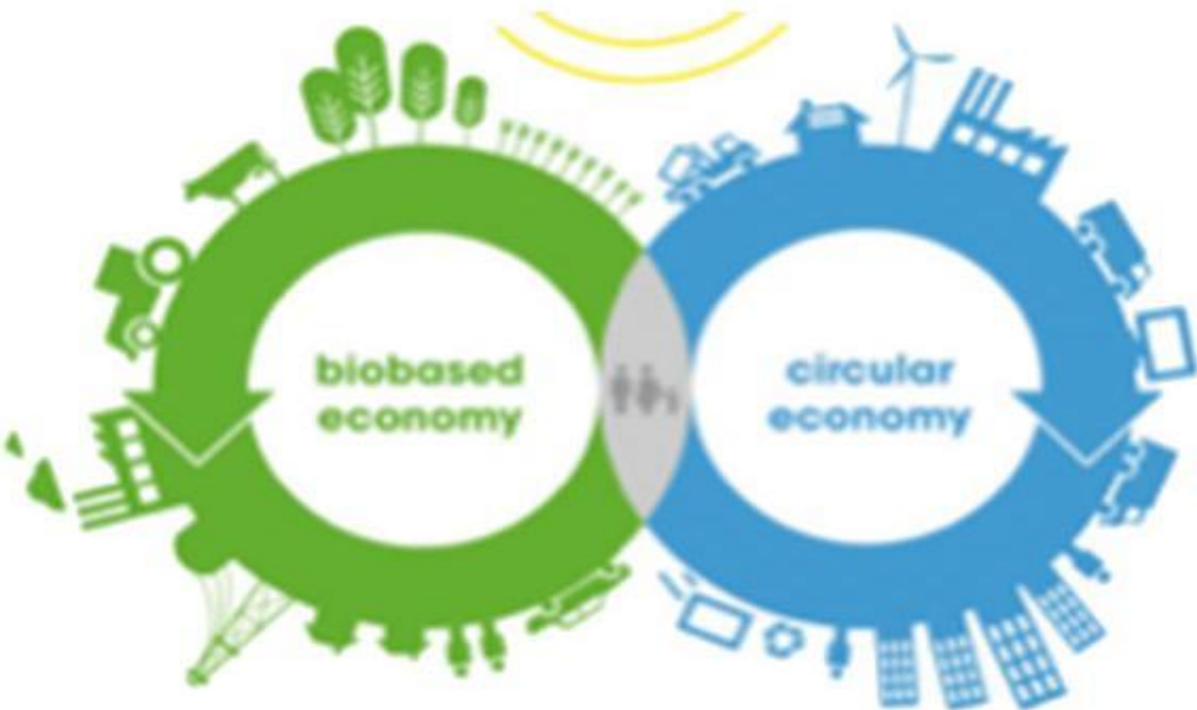


- **Strategic framework based on a three-pronged approach**
 - Life-cycle approach
 - Horizontal measures
 - Sector-specific insights
- **Implementation plan including 40 implementation actions**
 - A more circular production and design
 - A more circular consumption and consumer behavior
 - A more circular waste management
 - Research, innovation, and digitalisation for circular economy
 - Education and knowledge for circular economy

Circular Economy Strategy in Czech Republic – Strategic Framework and Key Policy Recommendations



Circular economy and Bioeconomy



10 top priority areas within Circular Economy Strategy in Czech Republic



- Products design
- Industry, raw materials, construction, energy
- **Bioeconomics, food**
- Consumption and consumers
- Waste management
- Water
- Science, development, innovation
- Education, knowledge
- Economic instruments
- Circular cities, infrastructure

OECD evaluation of the Czech Republic's waste management -2018



Priority waste streams :

five most important waste streams, which were analysed in more detail: • Residual municipal solid waste • Plastics • Construction and demolition waste • **Organic waste (incl. food waste and used oils)** • Hazardous waste

OECD evaluation of the Czech Republic's waste management

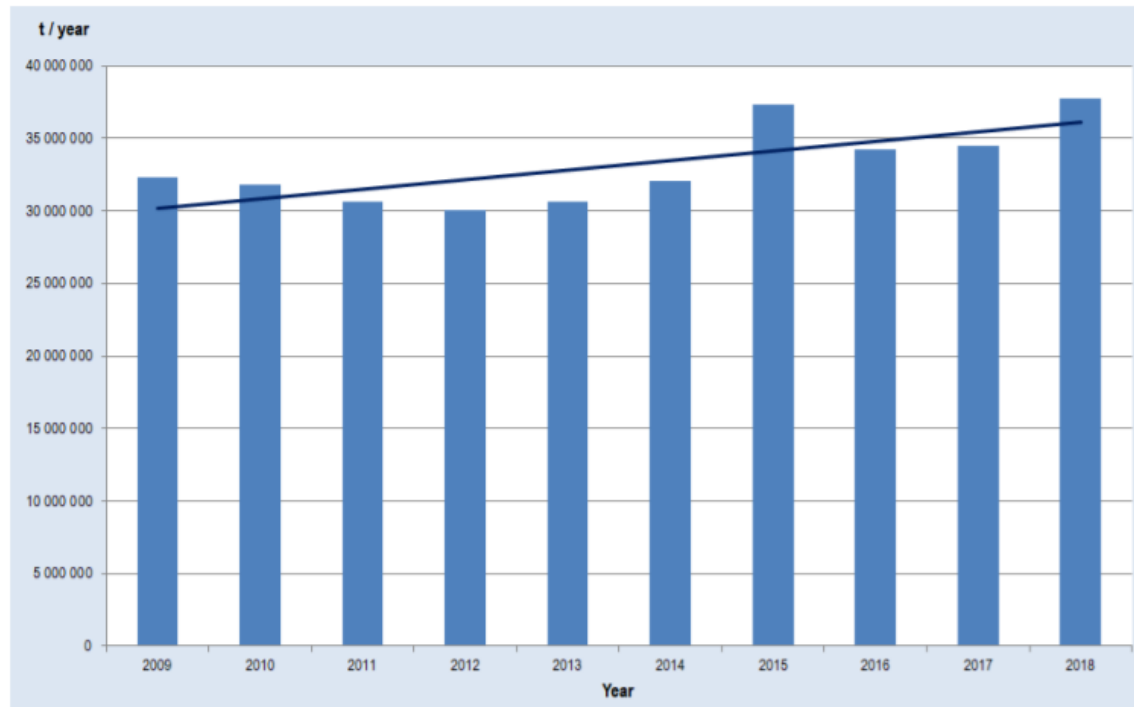


Figure 2-7 Total waste generation, 2009-2018

Source: own elaboration based on data from Environmental Statistical Yearbook 2018 (Ministry of Environment, 2019^[6])

⁴ Although there may not be a consensus about exactness of these sources and the respective data, they provide complementary information in terms of current and potential future magnitudes and trends.

OECD evaluation of the Czech Republic's waste management

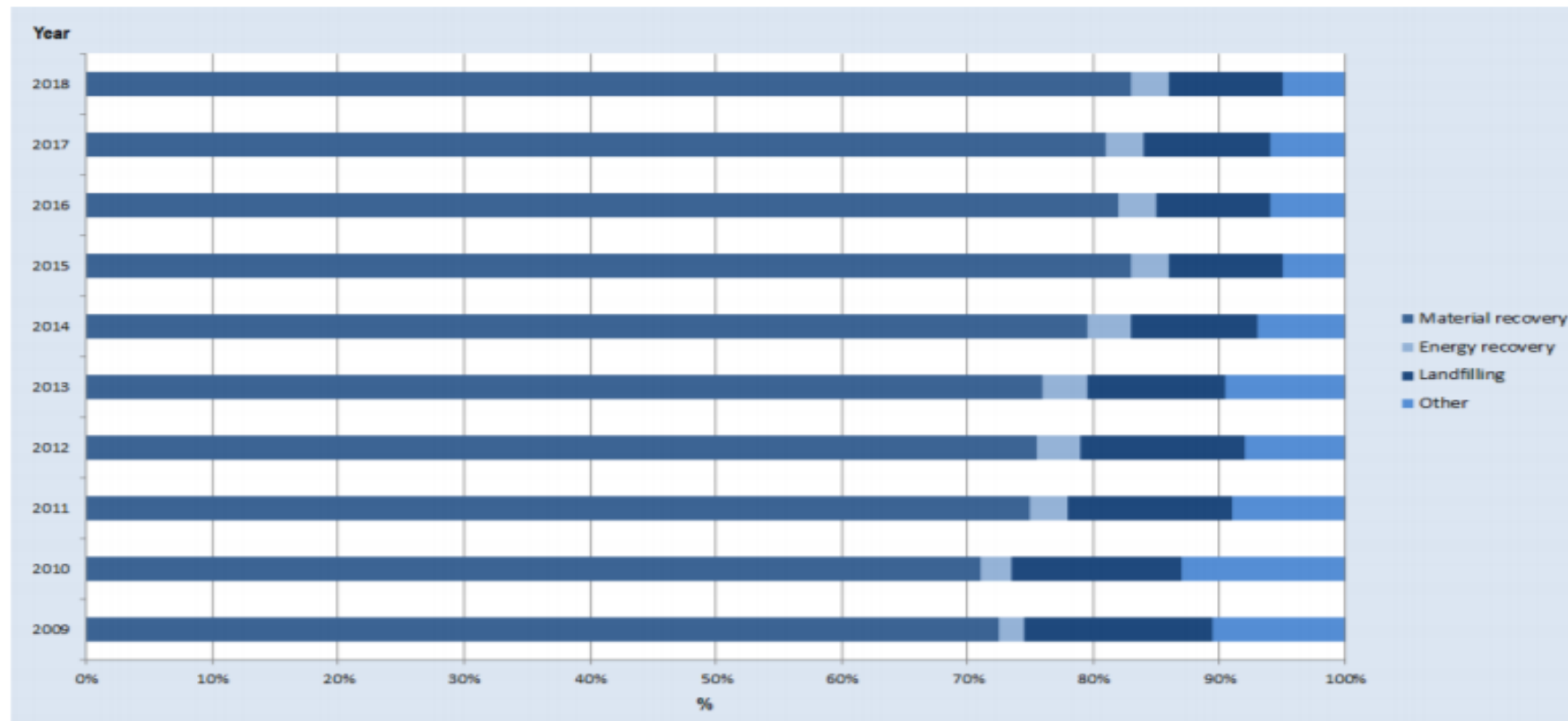


Figure 2-9 Waste treatment, 2009-2018

Source: own elaboration based on data from (Ministry of Environment, 2019_[7])

Circular Economy Strategy in Czech Republic – Legislation



Legislation

- Waste Management Plan of the Czech Republic 2014-2025,
- Waste Prevention Programme of the Czech Republic and the Secondary Raw Materials Policy of the Czech Republic 2019-2022.
- Waste Act is the key piece of legislation, which currently undergoes a significant revision, and a set of new acts is currently debated in the Parliament.
- Extended Producer Responsibility schemes are driven by the relevant EU Directives and include packaging waste, waste electrical and electronic equipment, waste batteries and accumulators, end-of-life vehicles and tyres.

Circular Economy Strategy in Czech Republic

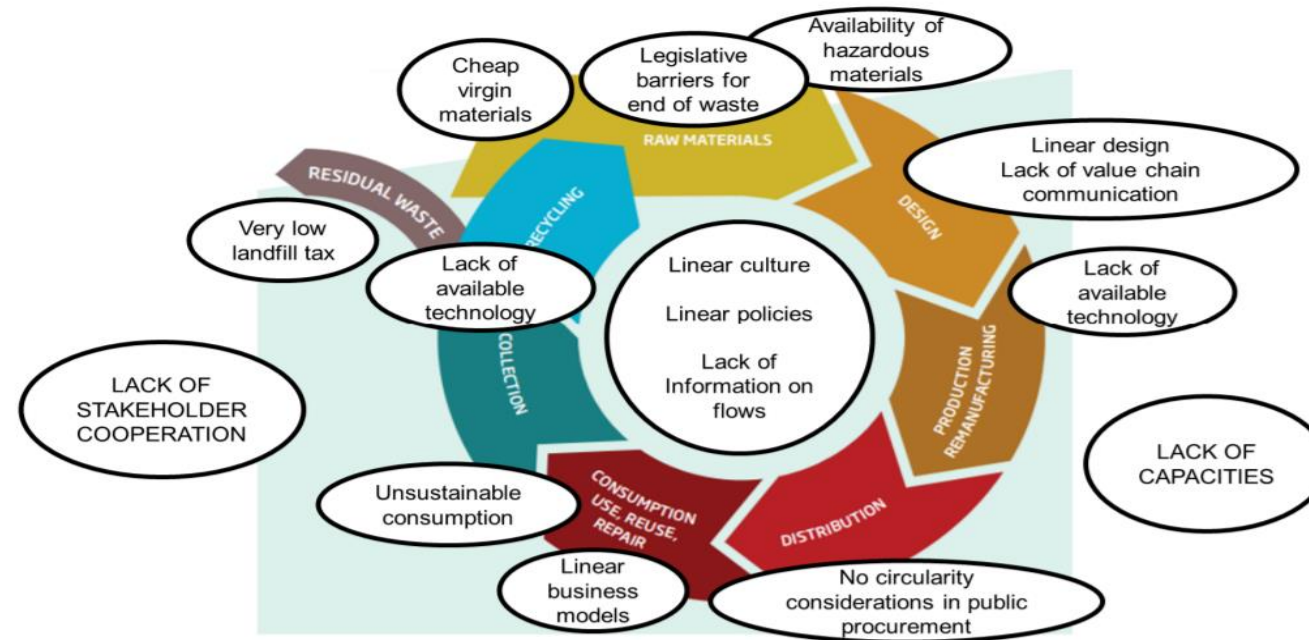


Figure 4-1 Scheme of major gaps for circular economy

Source of the diagram: European Commission⁴³

⁴³ Available at https://ec.europa.eu/commission/publications/report-critical-raw-materials-and-circular-economy_en.

#CIRCULARCZECHIA2040
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Thank you for your attention

Jan Maršák

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