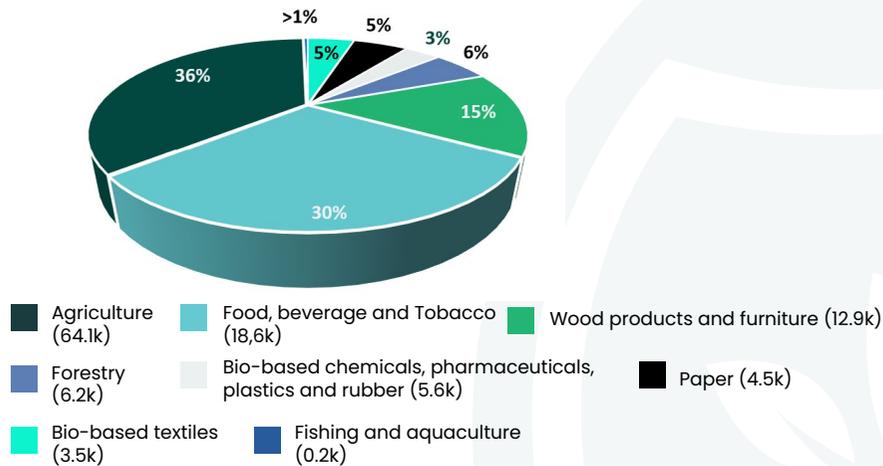


The Czech Republic, together with other Central and Eastern European countries (the BIOEAST macro-region), has not yet sufficiently exploited the potential offered by the bioeconomy. As bioeconomy is still a relatively unknown concept for the public administration in the Czech Republic; no project dealing with this topic has been supported by national resources and there is only a small group of organizations in the Czech Republic involved in international projects focused on bioeconomy. The largest bioeconomy-related generators of turnover in the Czech Republic are the production of food, beverages and tobacco, agriculture and the production of wooden products, furniture and organic food. Together they account for approximately 80% of the total turnover. Bioeconomy is considered an early-stage industry which needs innovation to support its implementation.

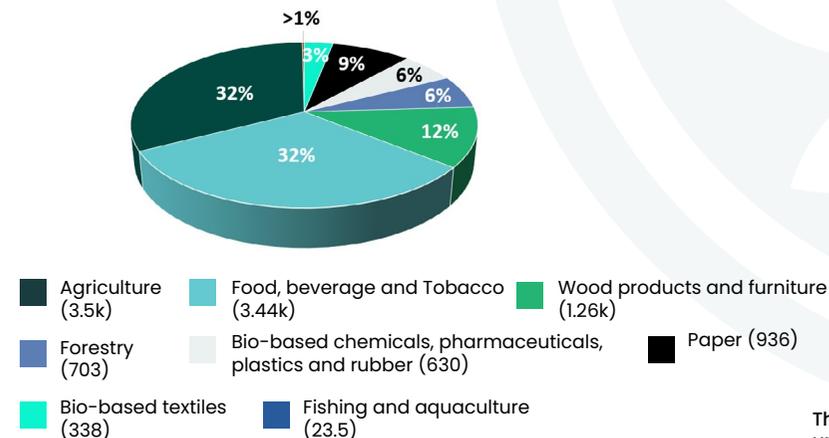
Employment by sector in Czech Republic (2020)

Number of people employed



Value added by sector in Czech Republic (2020)

Million euros



Publication date

2019 – 2024

Responsible authorities



Ministry of Agriculture

Czech Republic

Concept of bioeconomy in the Czech Republic from the perspective of the Ministry of Agriculture for the years 2019–2024

In the Czech Republic the bioeconomy is perceived by the Ministry of Agriculture as a tool for ensuring sustainable management of natural resources, sustainable agriculture, forestry, water management and aquaculture, sustainable food and feed production and strengthening the role of primary producers and their integration into the bioeconomic value chain as well as forestry involving the entire value chain of the downstream industries.

Other related strategies

- Strategic Framework Czech Republic 2030
- Strategy of the Ministry of Agriculture with a view to 2030
- National Energy and Climate Plan of the Czech Republic
- Strategic framework of the circular economy of the Czech Republic 2040
- Research and Innovation Strategy for Smart Specialisation

Dominant sectors

Agriculture
Forestry
Food, Feed and Beverages
Research, development and innovation



Czech Republic

Policy instruments

Applied research program of the Ministry of Agriculture for the period 2017–2025

The programme is aimed at supporting applied research projects in the fields of agriculture, food, water management and forestry, with expected results of high innovation potential, leading to the strengthening of stability, volume and quality of production, applicable in new products, technologies and production procedures.. 156 million CZK have been prepared for the programme.



Operational Program Technologies and Applications for Competitiveness

OP TAC is a flagship programme for supporting Czech entrepreneurs in the 2021–2027 programming period. A total of EUR 3.2 billion, equivalent to approximately CZK 81.5 billion, has been prepared for this operational programme from the European Regional Development Fund (ERDF).



The Country for the Future 2020–2027

The Country for the Future research, development and innovation programme is aimed at supporting innovative business and is one of the first essential tools for the implementation of the Innovation Strategy of the Czech Republic 2019–2030.



Bioeconomy in Czech Republic

Collaborative structures

BIOEAST HUB CZ

BIOEAST HUB CZ presents BE opportunities, supports more efficient use of biological resources, sustainable development of the EU, encourages the involvement to the international cooperation programmes, promotes BE in national strategies and grant programmes connects the national (mirror, shadow) thematic working groups (TWG)

National Cluster Association

Supports national stakeholders with relevant information

Association of research organizations

Supports the engagement and involvement of SMEs and large entrepreneurs, provides methodology for SMEs on how to use the potential of bioeconomy innovation

Czech Academy of Agricultural Sciences

Contributing to the design and development of the bioeconomy strategy, Advisory body

Technology Centre Prague

Supports national stakeholders with relevant information (mainly about EU grants, missions and research programmes)

Bioeconomy platform of the Czech Republic

Knowledge hubs transferring and fostering the national bioeconomy and its competitiveness

Czech Biofuels Technology Platform

support national stakeholders with relevant information

Showcase

BIOEAST Initiative

BIOEAST is a strategic initiative that aims to support the development of the bioeconomy sector in Central and Eastern European (CEE) countries, including Slovakia. It focuses on creating sustainable and resource-efficient solutions that contribute to economic growth, job creation, and environmental protection.

BIOEAST provides a platform for collaboration and knowledge exchange among stakeholders from government, academia, industry, and civil society. Through this initiative, Slovakia can benefit from sharing best practices, adopting innovative technologies, and accessing funding opportunities.