

BIOECONOMY – EXAMPLES OF GOOD PRACTICE

- The BIOEAST Initiative – Ministry of Agriculture
- The DanuBioValNet Project – National Cluster Association
- The Power4Bio Project – University of South Bohemia in České Budějovice

OUR MEMBERS

- Czech University of Life Sciences Prague
- University of South Bohemia in České Budějovice
- Charles University
- Palacký University Olomouc
- Moravian Business College Olomouc
- Czech Business Council for Sustainable Development
- Czech Academy of Agricultural Sciences
- Crop Research Institute
- National Cluster Association
- Institute of Experimental Botany, CR Academy of Sciences
- Research and Breeding Institute of Pomology Holovousy
- CZECHEMP – Czech Hemp Cluster
- Research Institute of Veterinary Medicine
- Research Institute of Agricultural Engineering
- University of Chemistry and Technology Prague
- Institute of Circular Economy
- Mendel University in Brno

and more...

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PLATFORM
FOR BIOECONOMY
of the CZECH REPUBLIC



BIOECONOMY
PLATFORM
of the Czech Republic



WHO WE ARE?

The Platform for Bioeconomy of the Czech Republic (hereinafter the Platform) has been created in cooperation of the Czech University of Life Sciences Prague and the University of South Bohemia in České Budějovice in reaction to social challenges in the field of sustainable development, the related need for industrial modernization and for the increasing of global competitiveness of the Czech Republic. Bioeconomy represents a perspective direction of the sustainable development of the society, supported by strategies for the development of bioeconomy in the individual countries. The Platform acts as an informal initiative associating prominent institutions from the field of research and education as well as organizations from operational practice, focusing its activities on raising civil society awareness and systemic application of bioeconomic approach in the Czech Republic.

www.bioeconomy.czu.cz

WHAT IS BIOECONOMY?

Activities of the Platform are based on the basic definition of bioeconomy, which is understood by the EU Strategy of Bioeconomy (2012) as a production of renewable biological resources* (RBR) and conversion of these resources and waste into products with added value such as food, feeds, RBR products and bioenergy.

It is therefore about the way of using natural resources that will ensure higher quality of life for future generations, passing gradually from the non-renewable and fossil resources to the renewable and biological ones. Combined with the concept of sustainable development, it is a model of society development with ambition to align the economic and societal development with the capacities of ecosystems, with the preservation of nature values and biological diversity for both present and future generations. Bioeconomy dwells on agriculture, forestry, aquaculture, food industry, power engineering, chemical industry and on other industries using RBR in a both traditional and innovative way, including plastic materials and pharmacy.

* Renewable biological resources (RBR) are natural resources of biological origin (vegetable, animal, biomass, microorganisms etc.), which can be ecologically restored within a certain time horizon.

WHAT ARE OUR GOALS?

The Platform for Bioeconomy of the Czech Republic will help create a national strategy for bioeconomy in the Czech Republic, promoting communication and collaboration of all involved actors through the following activities:

- Development of innovative research through competitive research programs
- Involvement of relevant sectors into the development of bioeconomy throughout the value chain from the production and industrial processing of RBR up to the marketing of products
- Incorporation of the dimension of bioeconomy into thematic axes of programs funded from the EU Structural Funds – Incentives for higher RBR production and development of innovative bioeconomic technologies involving small and medium-sized enterprises
- Expansion of communication at local (regional), national and international levels
- Consultations with public administration authorities, public and private sector
- Transfer of new information and good practice to the Czech Republic through participation in European projects focused on the development of bioeconomy

OPPORTUNITIES FOR COOPERATION

The Platform opens for cooperation with similarly focused platforms and organizations with which it exchanges topical information and participates in common activities related to the development of bioeconomy. It develops relationships with foreign universities and organizations dealing with bioeconomy and through its members is engaged in international projects and other activities in order to gain the latest knowledge and to look for possible use of this knowledge in practice.