



SLOVAKIA
Slovensko



Slovakia participates in BIOEAST, a macro-regional bioeconomy initiative being developed by Central and Eastern European countries. Kosice with its strong steel, automotive, IT, chemical, agrifood, and plastics industry was selected by the European Commission in December 2015 as one of 6 'model demonstrator regions' to lead the way towards a sustainable chemical production in Europe. The country's activities in the bioeconomy have a total turnover of EUR 11 430 million and employ more than 174 000 people.*



With nearly 30% of the beneficiaries being involved in R&I activities and 54% operating on demo and flagship scale, Slovakia's BBI JU activities in the bioeconomy sector revolve mainly around innovation and demonstration of technologies and products in areas such as biofuels and biochemicals. One first-of-its-kind second generation biorefinery funded by BBI JU aims to produce and deliver bio-based ethanol for application in the chemical and energy market.

Examples of BBI JU projects with Slovakian beneficiaries :

- ④ **BIOSKOH** will improve bioethanol yields using easily copied technology at low capital costs. By valorising cellulosic fractions of dedicated crops grown on marginal land, it will regenerate rural areas, bring jobs & investment from industry and support the local economy.
- ④ **EXCornSEED** will develop an innovative, environmental-friendly approach for extracting and using the proteins and bioactive compounds from bioethanol and biodiesel refinery sidestreams and turn them into high-value commercial products therefore contributing to green and sustainable economic growth.
- ④ **BIOWAYS** aims to develop educational materials on the benefits of the bioeconomy and to increase awareness amongst Europe's general public, students, scientists, media and policy makers of the value of bio-based products and applications to industry, the economy and the whole of the wider society, both in terms of what they deliver now and in terms of their future potential.
- ④ **Dendromass4Europe** aims to establish sustainable and regional cropping systems for agricultural dendromass production on marginal land. The dendromass produced will be supplied to bio-based value chains which will create additional job opportunities in rural areas.



100%
of beneficiaries
are **research**
centers



More than
1/2
of beneficiaries
are involved in
establishing **demo-**
scale and flagship
production facilities



33%
of BBI JU funding
goes to **SMEs**

*Source: Bioeconomy Knowledge Center (2015); Bio-based Industries Consortium (2017)



▶ [More information about BBI JU projects in Slovakia](#)



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