

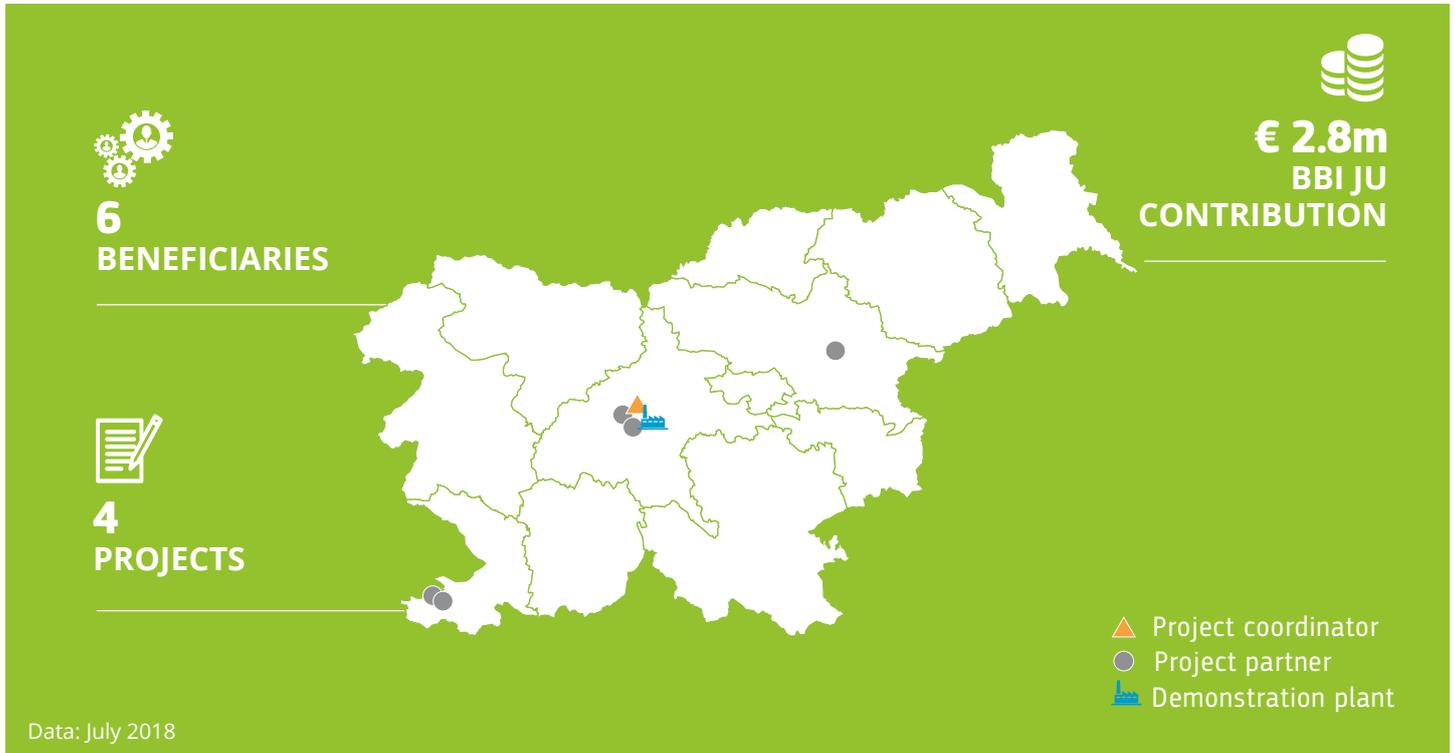


SLOVENIA

Slovenija



Slovenia participates in BIOEAST, a macro-regional bioeconomy initiative being developed by Central and Eastern European countries. Bioeconomy also plays a role in different national strategies such as "Slovenia's Smart Specialisation Strategy" (2015) and the "Strategy for exploiting biomass from agriculture and health care for energy purposes" (2015). The country's activities in the bioeconomy have a total turnover of EUR 5 998 million and employ more than 101 320 people.*



With more than 30% of the beneficiaries being involved in R&I projects and nearly 70% operating on demo-scale, Slovenia's BBI JU activities in the bioeconomy sector revolve mainly around innovation and demonstration of technologies and products in areas such as bio-based chemicals and bioplastics for use in food ingredients, cosmetics and adhesives and films. One first-of-its-kind demo production facility develops bio-based polyamides and polyesters.

Examples of BBI JU projects with Slovenian beneficiaries :

- ④ **Pro-Enrich** aims to develop a biorefinery approach able to process a wide range of agricultural residues, making it possible for the first time to evaluate multiple feedstocks in a single bio-refining system. It will identify high quantities of high-purity functional proteins and bioactive components for use in food ingredients, pet food, cosmetics and adhesives.
- ④ **EFFECTIVE** aims to demonstrate first-of-its-kind and economically viable routes for the production of bio-based polyamides and polyesters from sustainable renewable feedstock towards the obtaining of fibres and films with enhanced properties, market competitiveness and increased sustainability.
- ④ **SUSFERT**'s aim is to produce sustainable multifunctional fertiliser using a specifically developed demonstration plant. It will reduce soil and water contamination, supply European farmers with innovative, more sustainable fertilisers and strengthen rural communities by creating new jobs.



Nearly **70%** of projects involved in **demo-scale production**



1 first-of-its-kind **demo production facility** funded by BBI JU is developing bio-based polyamides and polyesters



1/3 of beneficiaries are **SMEs**

*Source: Bioeconomy Knowledge Center (2015)



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



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