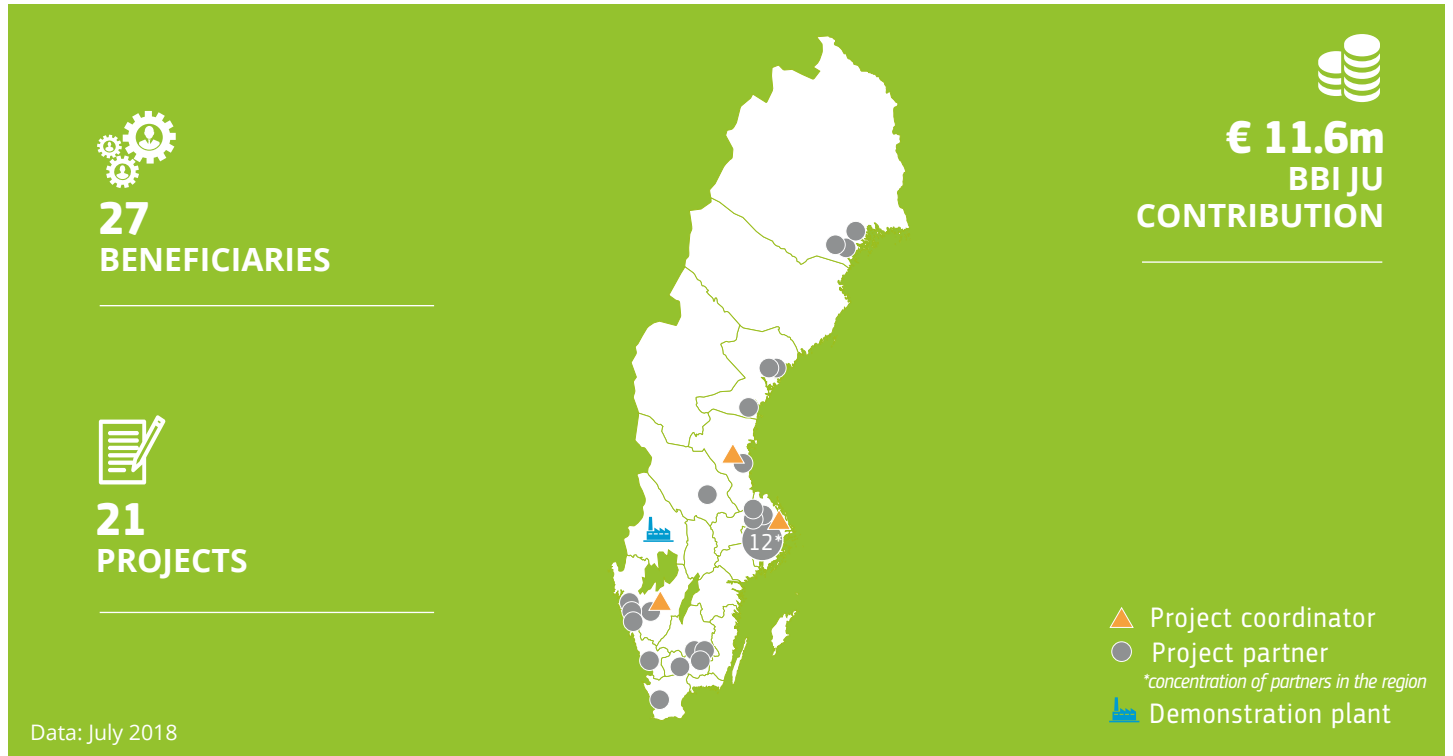


SWEDEN
Sverige



Sweden's government, in collaboration with the Swedish Research Science Council for Environment, Agriculture and Spatial Planning (Formas), the Swedish Energy Agency and Sweden's Innovation Agency (Vinnova), published its national bioeconomy strategy, the "Swedish Research and Innovation Strategy for a Biobased Economy", in 2012. The country's activities in the bioeconomy have a total turnover of EUR 61 242 million and employ nearly 240 500 people.*



With more than 70% of the beneficiaries being involved in R&I projects and more than 20% operating on demo-scale, Sweden's BBI JU activities in the bioeconomy sector revolve mainly around innovation and demonstration of technologies and products in areas such as bio-based construction material and food packaging. One first-of-its-kind demo production facility develops cellulose-based packaging solutions for the specific demands of the food and electronic packaging industries.

Examples of BBI JU projects with Swedish beneficiaries :

- ④ **GreenLight** utilizes lignin, a wood component that is a large by-product from pulp mills, as raw material for green and cost-efficient carbon fibres. Producing in Europe with European raw materials, the project aims to create new business opportunities and jobs and to increase the competitiveness of the European forest-based industry.
- ④ **NeoCel** will develop innovative processes for producing high quality textiles from cellulose pulps. It will reduce the environmental impact and occupational health issues related to man-made cellulose fibre production and promote sustainable, good quality cellulosic fibres for the textile and fashion industries.
- ④ **PULPACKTION** will develop cellulose-based packaging solutions for the specific demands of the food and electronic packaging industries. It will reduce dependence on non-renewable fossil fuel-based plastics and deliver a safe 100% bio-based and biodegradable product.
- ④ **Exilva** is extracting value from forestry sidestreams and creating Microfibrillated cellulose (MFC), a high value product with a low CO2 footprint and multiple uses in a range of business and consumer products.



More than
70%
of projects
concentrate
on **R&I**



1
first-of-its-kind **demo production facility** develops cellulose-based packaging solutions for the food and electronic packaging industries



61.2 million
annual turnover in the
bioeconomy sector

*Source: Bioeconomy Knowledge Center (2015); German Bioeconomy Council (2015)



▶ More information about
BBI JU projects in Sweden



www.bbi-europe.eu



@BBI2020