



Netherlands
Nederland



The Netherlands, which possesses a number of strategies closely linked with the bioeconomy, is one of the largest exporters of agricultural products worldwide. Its paper and chemical industries also provide opportunities for bio-based and sustainable economic growth. Currently, more than 359 000 people are working in the bioeconomy which has an annual turnover of approx. EUR 113 000 million.*



With 50% of the beneficiaries being involved in projects focusing on R&I and nearly 40% in projects operating on demo-scale, the Netherlands' BBI JU activities in the bioeconomy sector revolve mainly around innovation and demonstration of technologies and products in areas such as green food packaging and bio-based chemicals.

Examples of BBI JU projects with Dutch beneficiaries :

- ④ **PULP2VALUE** intends to demonstrate an integrated and cost effective cascading biorefinery system to refine sugar beet pulp and isolate high value products. It will spur rural development by connecting beet growing areas in new cross-sectorial value chains with various industries.
- ④ A proactive regulatory approach is an important driver in developing emerging industries and attracting investment. The **STAR4BBI** project will help establish a coherent, well coordinated and favourable regulatory framework that helps develop a cutting-edge bio-based economy for Europe.
- ④ **FRESH** develops an innovative, cellulose-based alternative to existing fossil-based plastic trays. The outcome of this demonstration project will be a fully bio-based and biodegradable composite material bringing important benefits for citizens and environment alike.
- ④ **ReSolve** sets out to replace hazardous solvents with safer alternatives derived from non food carbohydrates. These new solvents will have a wide range of applications and will improve public health and safety by reducing the use of the toxic and environmentally damaging substances.
- ④ The **MACRO CASCADE** project will prove the concept of the cascading marine macroalgal biorefinery that covers the entire technological chain for processing sustainable cultivated seaweed into highly value-added products. The outcomes will directly impact the public through the jobs it will create.



85%
of beneficiaries are
research centers



Nearly
40%
of projects involved
in establishing
**demo-scale
production facilities**



More than
1/3
of beneficiaries
are **SMEs**

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



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



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