



DENMARK
Danmark



Denmark's climate provides ideal conditions for agriculture, 61% of its surface is cultivated. The country participates in the 'Nordic Bioeconomy', a macro-regional bioeconomy initiative being developed by Nordic countries. The Danish Government also published a "Plan for growth for water, bio and environmental solutions" in March 2013. The country's activities in the bioeconomy have a total turnover of EUR 52 260 million and employ more than 177 600 people.*



Denmark is set to realise the potential of the bioeconomy with more than 80% of the beneficiaries being involved in R&I projects in areas such as bioethanol production and the production of bio-based chemicals for use in food ingredients, pet food, cosmetics and adhesives.

Examples of BBI JU projects with Danish beneficiaries :

- ④ **MACRO CASCADE** 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 citizens through the jobs it will create.
- 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 **TECH4EFFECT**'s data and knowledge based management system will enable more efficient forest management and provide users with a competitive advantage. It will reduce the soil and environmental impact from forest operations while improving the socio-economic impact along the value chain.
- 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.



81%
of projects concentrate on R&I



1/2
of the beneficiaries are research centers



56%
of beneficiaries are SMEs

*Source: Bioeconomy Knowledge Center (2015)



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



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