

From biomass to biobased products

Local innovation networks: new approaches in bio-based supply chains

In contrast to bioenergy and biofuels, most supply chains for BBPs (Biobased Products and Processes) do not currently take advantage of structured networks. Agricultural business involved in the production of biomass for the BBPs usually have a bilateral relationship with their industrial counterpart, which can hinder economic development on both sides. Horizon 2020 Thematic Network ENABLING will find new, structured approaches to improve biomass-to-BBPs value chains.

Europe has a great potential to develop innovative supply chains in the field.

ENABLING is the initiative of 16 partners in 13 EU and associated countries. ENABLING aims to create the right conditions for the development of efficient biomass to BBP value chains. It supports sharing best practices and innovative ways to provide biomass for the biobased industry, including production and pre-processing. In particular, ENABLING aims to create the right conditions for the development of efficient biomass to BBP value chains.

"We believe that BBP value chains can enhance economic growth, improve sound management of natural resources and positively contribute to job-creation in the regions and countries where they can be deployed." Says Carla de Carolis, from ITABIA, the scientific coordinator of the ENABLING project.



WNRI (VESTLANDSFORSKING) welcomed Montani University for a study visit

The ENABLING concept

- Inspire different players in the biobased value chain to try out new opportunities and approaches by collecting, disseminating and putting to use good BBP practices from inside and outside Europe
- The ENABLING "Biomass Matrix Tool" will be developed to help evaluate the potential and available biomass, and different types of biobased products.
- The ENABLING coaching service, available through an online interface provided via the website, to support biomass producers or the BBP industry to take up emerging (or maybe better `new`?) best practices.
- The ENABLING project will develop a permanent innovation brokerage platform (BIOMASS TRADE) which will facilitate exchange on good practices and innovative approaches at European level

ENABLING impact

The project aims for an impact at several levels:

- **Economic impact:** ensure market growth for the biomass producers in the participating regions/countries, optimise processes for obtaining biomass for the biobased industry, support for the creation of new businesses and increase in the supply (and efficiency) of biomass to the biobased industry.
- **Environmental impact:** contribute to the efficiency of biomass production and supply to BBPs, enhanced shift to circular economy approaches in the provision of organic material to BBPs.
- **Social impact:** set up new biomass supply to BBPs and stimulate the creation of jobs.

Find out their latest activities in their newsletter [here](#).

Project Partners

Federunacoma (IT)
TINADA SRL (IT)
ITABIA - Italian Biomass Association (IT)
INNOVATIESTEUNPUNT vzw (BE)
VESTLANDSFORSKING (Norway)
Celnis (IE)
The European Centre for Renewable Energy (AT)
The National Biomass Association (BGBIOM) (BG)
Collison & Associates (GB)
ZLTO (NL)
Core Innovation (GR)
Wirelessinfo (CZ)
Migal (Israel)
ACTIA (FR)
Euknow (BE)
EPC (DE)



LERUM-composting of organic waste from fruit processing

Contact

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