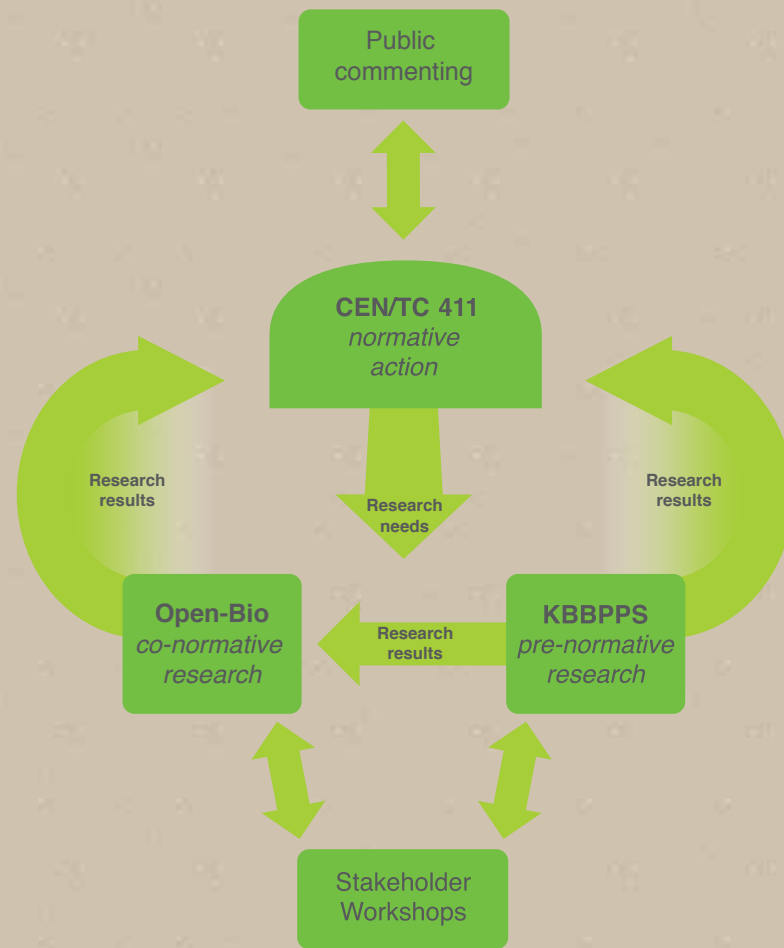


# Relation to standardization



Following mandates by the European Commission, the European Standardization Committee (CEN) initiated a Technical Committee on "Bio-based products", CEN/TC 411. Under the FP7 EU research programme, the projects Open-Bio and KBBPPS are carrying out pre- and co-normative research for this committee. This will allow the stakeholders to progress with well-defined and sound test methods and declaration tools.

# Contact:

## Project Manager

Ortwin Costenoble  
Netherlands Standardization Institute (NEN)  
Vlinderweg 6  
2623 AX-Delft  
The Netherlands  
E-Mail: [ortwin.costenoble@nen.nl](mailto:ortwin.costenoble@nen.nl)  
Phone: +31 (0) 15 26 90 326

## Dissemination Manager

Lara Dammer  
nova-Institut GmbH  
Chemiepark Knapsack  
Industriestr. 300  
50354 Hürth  
Germany  
E-Mail: [lara.dammer@nova-institut.de](mailto:lara.dammer@nova-institut.de)  
Phone: +49 (0) 2233 48 14 55

## Product Information Tool Manager

Martin Behrens  
Fachagentur Nachwachsende Rohstoffe e.V.  
OT Gülzow, Hofplatz 1  
18276 Gülzow-Prüzen  
Germany  
E-Mail: [m.behrens@fnr.de](mailto:m.behrens@fnr.de)  
Phone: +49 (0) 3843 69 30 163

[www.open-bio.eu](http://www.open-bio.eu)



# Open-Bio: Opening bio-based markets via standards, labelling and procurement 11/2013 - 10/2016

This project is funded by the European Commission's Seventh Framework Programme for Research and Technological Development under Grant Agreement no. KBBE/FP7EN/613677

[www.open-bio.eu](http://www.open-bio.eu)



# What is the project about?

The Open-Bio project aims at increasing the uptake speed of standards, labels and harmonized product information lists for bio-based products in Europe. As outlined in the European Commission's Bioeconomy Strategy, such measures are expected to have a positive effect on the European bio-based market.

The project covers research and demonstration on direct and indirect biomass content methods, functionality, managed end-of-life options, biodegradability and eco-toxicity tests. The goal is to provide results to be adopted by European standards and product information tools. Partially, the project is a follow-up on a running pre-normative project ([www.kbbpps.eu](http://www.kbbpps.eu)). This means that methods to directly determine the biological content will now be complemented with indirect determinations. Next, already initiated investigations for degradability in soil and fresh water will be complemented by tests supplying other comparison factors. The results will be standards that tell you how a product degrades in seawater, if it is compostable (also through home-composting in your own garden) or if it can be digested to biogas in an industrial installation. These 'end-of-life applications' are important in order to compare bio-based products (also in terms of sustainability) and develop applicable policies.



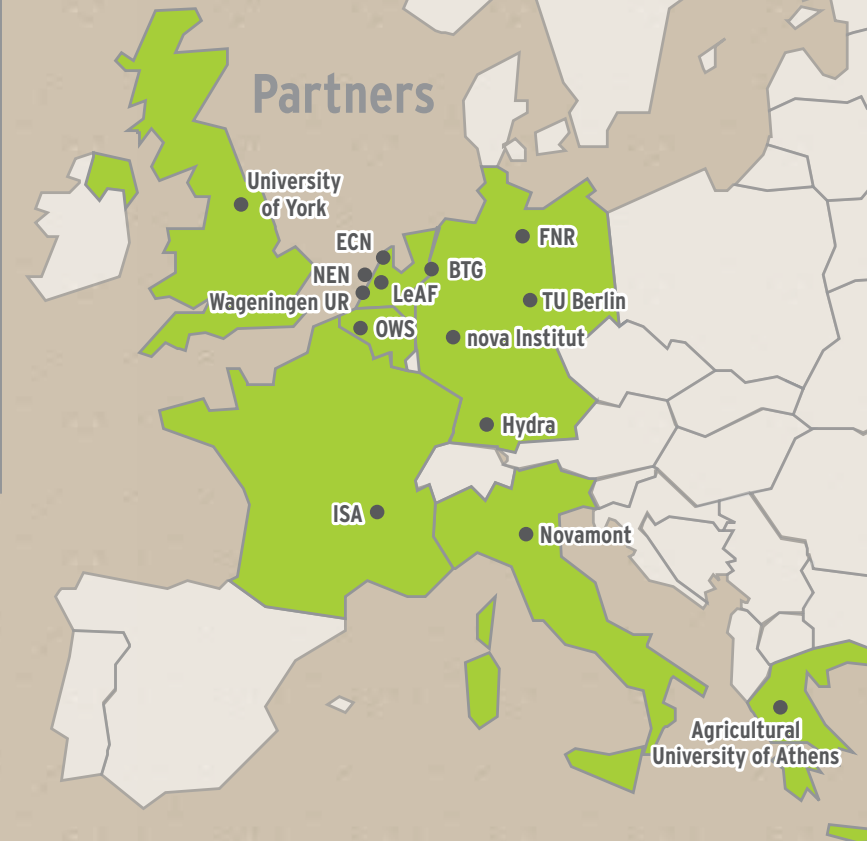
Testing for bio-degradability in marine water  
© HYDRA Institut für Meereswissenschaften

In addition to that, it is important that all properties and applications are clearly communicated to the users of bio-based products. A concept of an Ecolabel will be developed that can help to clearly distinguish bio-based products and their properties. A database on bio-based products for procurement and guidelines for the information supplied together with the product will be developed. This will ensure that standards, labels and information lists address all relevant aspects for enabling the rapid market uptake of bio-based products.



Selection of products tested in Open-Bio

Pictures by Wageningen UR Food & Biobased Research | paint bucket: © rockpix - Fotolia.com



## Partners



Plant toxicity tests  
© Organic Waste Systems