



VANGUARD INITIATIVE
New growth through smart specialisation

Bioeconomy: interregional cooperation on innovative use of non-food Biomass

A Vanguard Initiative Pilot Project

Vision

The Vanguard Initiative Bio-economy pilot project aims to promote the development of new biobased value chains in Europe, by taking pilot and demonstration activities, often at regional level or within neighboring regions, to a higher interregional level, thereby creating more critical mass, exploiting complementary assets and accelerating technological developments.



Image source: Brabantse Ontwikkelings Maatschappij

What's in it for me?

The Vanguard Initiative invites all relevant EU actors active along biobased value chains to connect to actors from other regions and to explore how the combination of different strengths can lead to a faster deployment of new technologies. Potential benefits of new interregional partnerships include exploiting complementarities (e.g. mastering of different value chain positions, technologies, etc.), the pooling of scarce R&D&I resources, the opening and sharing of specialised infrastructure, the access to a larger community of end users, sharing good practices, jointly addressing non-technological issues (e.g. standards), etc. The matchmaking event provides a unique opportunity to get acquainted with the different concrete democases for joint-demonstration that are being developed and to discuss potential collaboration topics with the case leaders and other participants.

Democases currently under development

- Biobased Aromatics
- Lignocellose Refinery: European value chains for second generation sugar and lignin
- Turning (waste)gas into value
- Biogas beyond energy
- Aviation biofuel
- High Value Food and Feed from Agrofood Waste



Image: ©Shutterstock

Vanguard Initiative

Vanguard Initiative is a European network of industrial regions that seeks to speed up the market uptake of new technologies through the establishment of industry-led, cross regional joint-demonstration platforms. The network has initiated five thematic pilot projects to explore opportunities for developing interregional joint-demonstration.

Besides the pilot project on Bioeconomy, the other four pilot projects are:

- Advanced Manufacturing for Energy Applications in harsh environments
- Efficient and Sustainable Manufacturing
- High Production through 3D-printing
- New Nano-Enabled products

Contact details

Randstad Region
Bart Verschoor
bj.verschoor@pzh.nl

Lombardy
Daniele Colombo
daniele.colombo@mi.camcom.it

IdeaConsult
Pieterjan Debergh
pieterjan.debergh@ideaconsult.be