

**Project idea/ Field of expertise:**

Open Access Service Pilot Facility for Industrial Biotechnology

**Organisation Name:**



**Adressed challenge(s)/ PPP(s):**

BBI, SPIRE, NMBP, SC, Low Carbon, FoF

**Adressed topic(s) in Work Programme:**

Demonstration, Innovation Actions, (R&D)

# Bio Base Europe Pilot Plant

Multi-purpose pilot facility for bio-based products and processes



- Independent service provider, No industrial shareholders
- A leading **pilot plant** for the **bioeconomy** in Europe
- Current number of employees: 75
- 4 process halls



Process  
Development



Scale Up



Custom  
Manufacturing



# CONSORTIA-BASED PROJECTS

Development, scale up & building new value chains



## ERA-IB & Horizon2020 (14)

- NANO3BIO - **Production of chitosan**
- MARISURF - **Marine biosurfactants**
- ERIFORE - **Circular Forest Bioeconomy**
- REHAP - **valuable compounds from forestry residues**
- DAFIA – **Biomacromolecules from waste fractions for high value applications**
- NANOPACK - **Pilot line production of functional polymer nanocomposites**
- FALCON – **Enzymatic lignin degradation**
- SuperBio - **Support & partnership in the bio-based economy**
- BioCONCO2 – **CO2 fermentation & biocatalysis**
- KET4CleanProduction- **KET vouchers for SMEs within KET Network with TCs**
- Marisurf - **Marine bio-surfactant/bio-emulsifier for commercial exploitation**
- SIMBA - **Microbiome applications in food system**
- BioRen - **Next-G biofuels from municipal solid waste**
- Shealthy<sup>2019</sup> - **Non-thermal physical techn to preserve fruits**

## INTERREG projects (4)

- BioHArT - **Technology for bio based renewable aromatics**
- BIOBASE4SME - **Bio-Innovation Support for Entrepreneurs**
- SMARTPILOTS - **Network shared pilot facilities for BioEconomy**
- IMPACT - **Building new demo equipment for dev of Ind Biotech**

## H2020 BBI-joint undertaking (11)

- PULP2VALUE - **sugarbeet pulp into value added products**
- CARBOSURF - **biosurfactants & specialty carbohydrates**
- DEMETER - **enzymes for anaerobic digestion**
- ReSolve - **REnewable SOLVENTs with high performance and improved toxicity profile**
- Pilots4U - **A Network of Bioeconomy open access pilot and multipurpose demo facilities**
- AFTERLIVE - **PHA from olive industry wastewater**
- Newpack - **Bio-plastics based on PHB/PLA blends**
- Prolific – **extraction and valorisation of proteins and bioactive molecules from agro-industrial side streams**
- Ifermentor – **Conversion of forestry residuals to antimicrobial proteins by intelligent fermentation**
- SMARTBOX<sup>2019</sup> - **Selective Modifications of ARomatics through Biocatalytic Oxidations**
- Usable Packaging<sup>2019</sup> - **Sustainable BiodegradabLe Packaging**

# Contact details

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