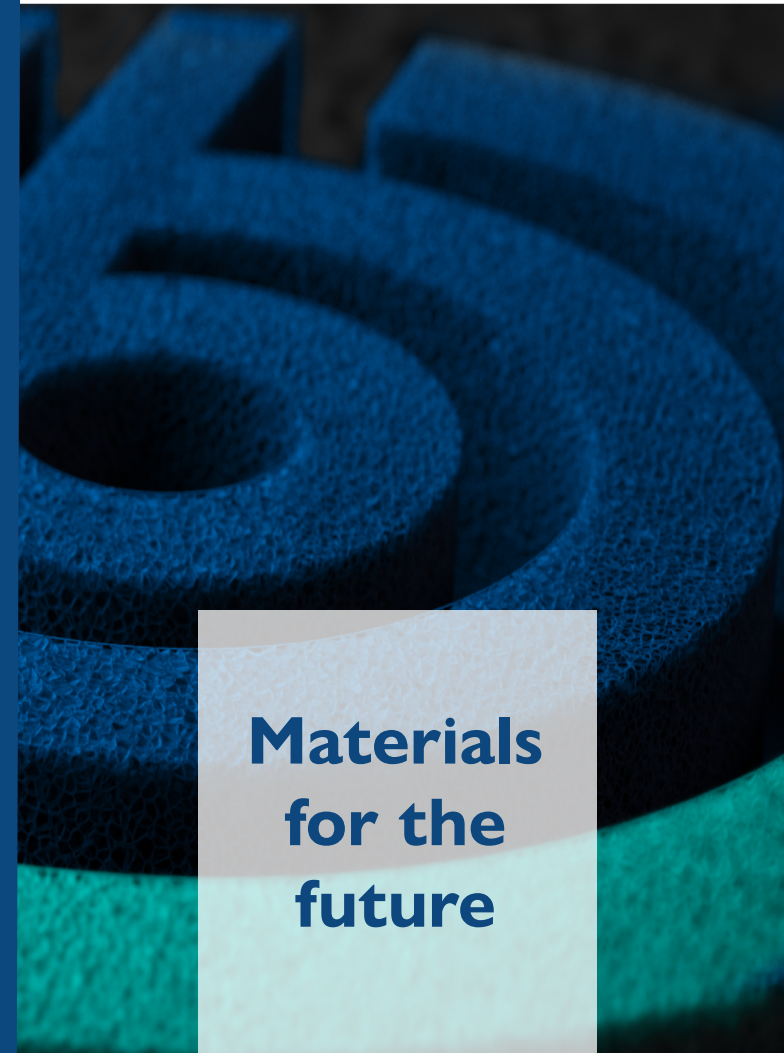


The BIOMAC **ecosystem** will function as a **cluster of parallel activities** taking the form of **17 Pilot Lines (PL)** covering the whole value chain, from biomass fractionation to final-enabled biopolymers. Each PL will be managed by two project partners and their activities will enable the realization of **5 concrete outputs (Test Cases)**, demonstrating the validity of BIOMAC's approach and the **high value of bio-based nano-materials applications**.

BIOMAC (Biobased Nanomaterials Community) is a Horizon2020 project which will establish an **Open Innovation Test Bed (OITB)**, a collaborative **ecosystem** where **technologies and solutions utilising biobased nanomaterials** will be **upscaled and prepared for market applications**, providing open access to **SMEs and industry** via **single-entry point**.

THE TEST CASES

Initially, five test cases will validate the proper operation of the OITB and will provide feedback on their experience. The **five test cases** are:



pilot lines **17**

countries **12**

34
partners

M€
16.7



Automotive



Agriculture



Food packaging



Construction



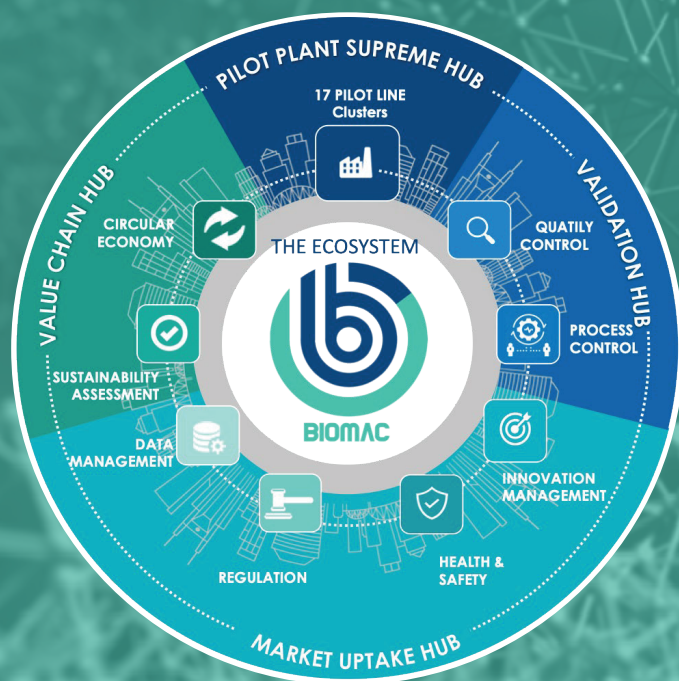
Printed electronics

**Materials
for the
future**

OPEN INNOVATION TEST BED (OITB)

The BIOMAC **OITB** offers **tailor-made solutions** for **producing** and integrating **nanomaterials** across the **bio-based value chain**.

Services available: assessment of regulation and safety, sustainability, circularity, market potential among with modelling, process control, standardization and characterization.



THE OPEN CALL

After the validation of the BIOMAC ecosystem through the 5 test cases, an **open call** will be launched, for **selecting 5 more test cases**.

Validate your idea by applying to the BIOMAC open call and access the OITB services.

**Apply on our website
Dec 2022 - Jun 2023**

BIOMAC will function as a **one-stop-shop** accessible at fair conditions and costs through a single-entry point, represented by IBB GmbH.

The **ambition** of **BIOMAC** is to **boost and sustain innovation** in the field of **European bio-economy industries**.



www.biomac-oitb.eu/



Contact us! 
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