

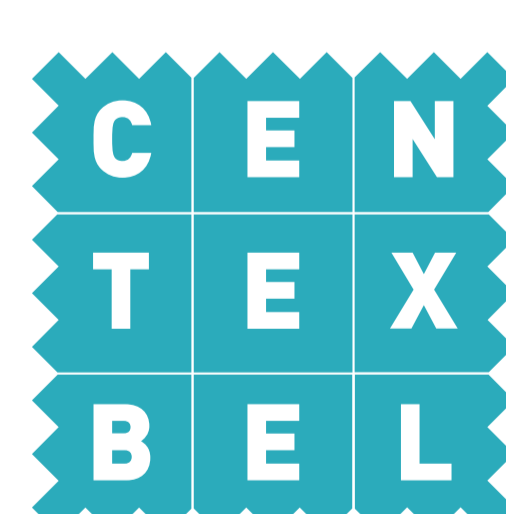
BIO-UPTAKE

BIOcomposites in smart plastic transformation processes to pave the way for the large-scale **UPTAKE** of sustainable bio-based products

BIO-UPTAKE GROUND-BREAKING CONCEPTS:

- 1** Achieving material **FUNCTIONALITY** through the composite lay-up, with intermediate formats allowing better influence in the eco-design and customization of properties, allowing to meet technical quality criteria and requirements.
- 2** Introducing process **DIGITALISATION** by building up a digital hybrid twin, that allows the interoperability of manufacturing technologies for the use of biobased materials.
- 3** Ensuring a **SUSTAINABLE** end-of life by introducing scientific novelties in the materials that permits remanufacturing and a controlled de-manufacturing.

CONSORTIUM:



WWW.BIO-UPTAKE-PROJECT.EU



Funded by
the European Union

The BIO-UPTAKE project has received funding from the European Union under the grant agreement n°101057049