

FIGURES

SeaBioComp is an Interreg 2 Seas project

€ **4.2** M

Project budget

€ **2.5** M

Funded by the European Regional Development Fund

3

Years

11

Partners

4

Countries
Belgium, England,
France, the Netherlands



Interreg 
2 Seas Mers Zeeën
European Regional Development Fund

 **SeaBioComp**

PARTNERS



Design: Studio Edipole - Credits: Interreg 2 Seas, SeaBioComp

DEVELOPMENT AND DEMONSTRATORS OF DURABLE BIO-BASED COMPOSITES for the marine environment



HOW TO GET INVOLVED?

Join the **SeaBioComp Interest Group** to keep up to date with the project, its events, activities and results and to enable effective cooperation between academia, industry and regulatory authorities.

www.seabiocomp.eu/interest_group

FIND OUT MORE

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CHALLENGE

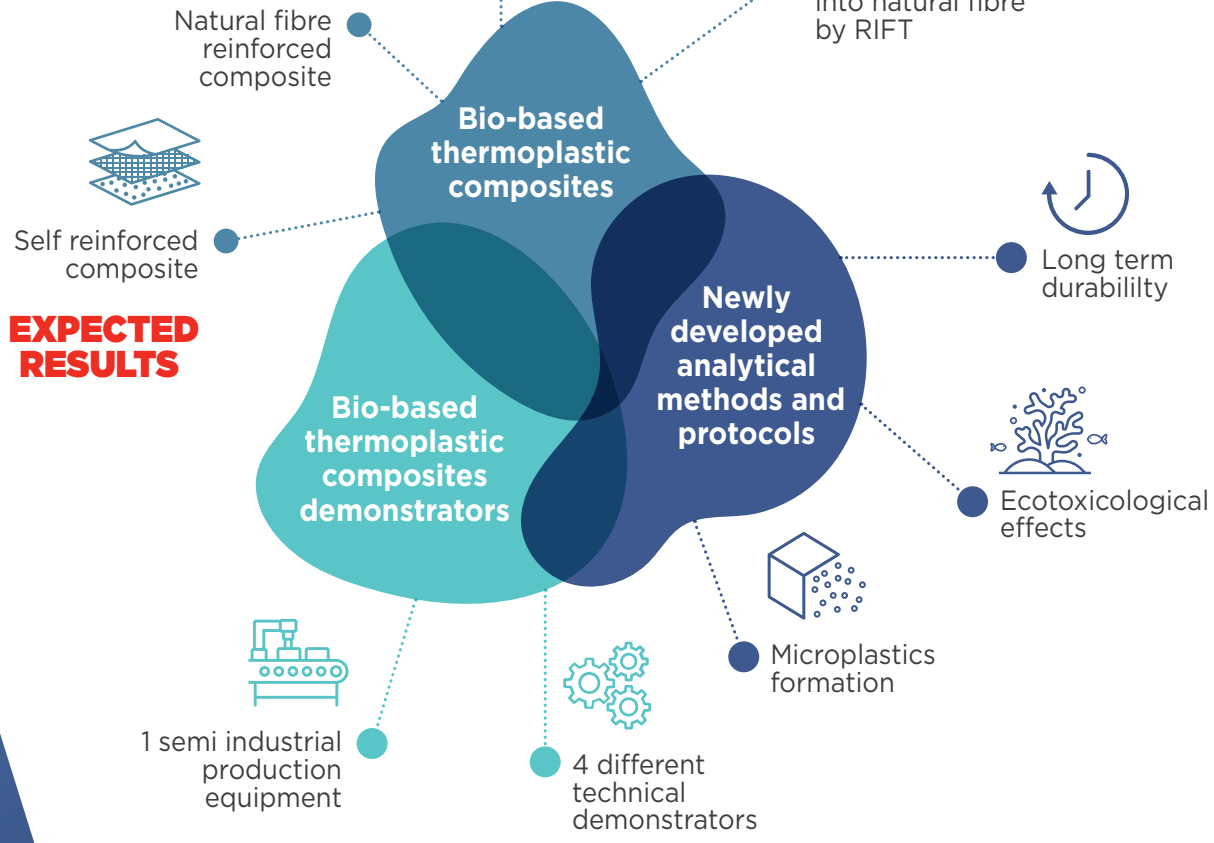
The increasing world production and consumption of plastic materials and composites are giving rise to a growing concern about the greenhouse emissions during production, and the waste management of these predominantly oil-based materials.

SeaBioComp is a collaborative EU funded project that will develop and produce novel bio-based thermoplastic composite materials and the analytical protocols needed to evaluate the long-term durability and reduced ecological impact of these materials on the marine environment.

Traditional oil-based products in several fields including fishing and seaweed farming, energy harvesting, boats, pontoons, anchoring and buoy parts are candidates to be addressed by the project.

SeaBioComp is aiming to shift the mindset within the industry value chain and regulatory authorities to ensure bio-based composites become a realistic alternative to oil-based composites.


EXPECTED RESULTS



GOALS

 **Drive for innovation** in new composite materials to strengthen local marine economies

 Evaluate the **durability** and long-term **ecological impact** from microplastics through **novel protocols**

 **Reduce the environmental impact** of composite marine industry components by substituting oil-based composites with bio-based alternatives from renewable resources to reduce greenhouse gas emission