

RECYCLABLE STRUCTURAL COMPOSITES FOR MARINE RENEWABLE ENERGY

Research question?

In the marine environment:

- metals corrode
- wood rots
- composites survive

Can we make a **sustainable composite structure** that is not a problem at end-of-life?

University of Plymouth research activities

Manufacture by monomer infusion under flexible tooling (MIFT)
natural fibre reinforcement

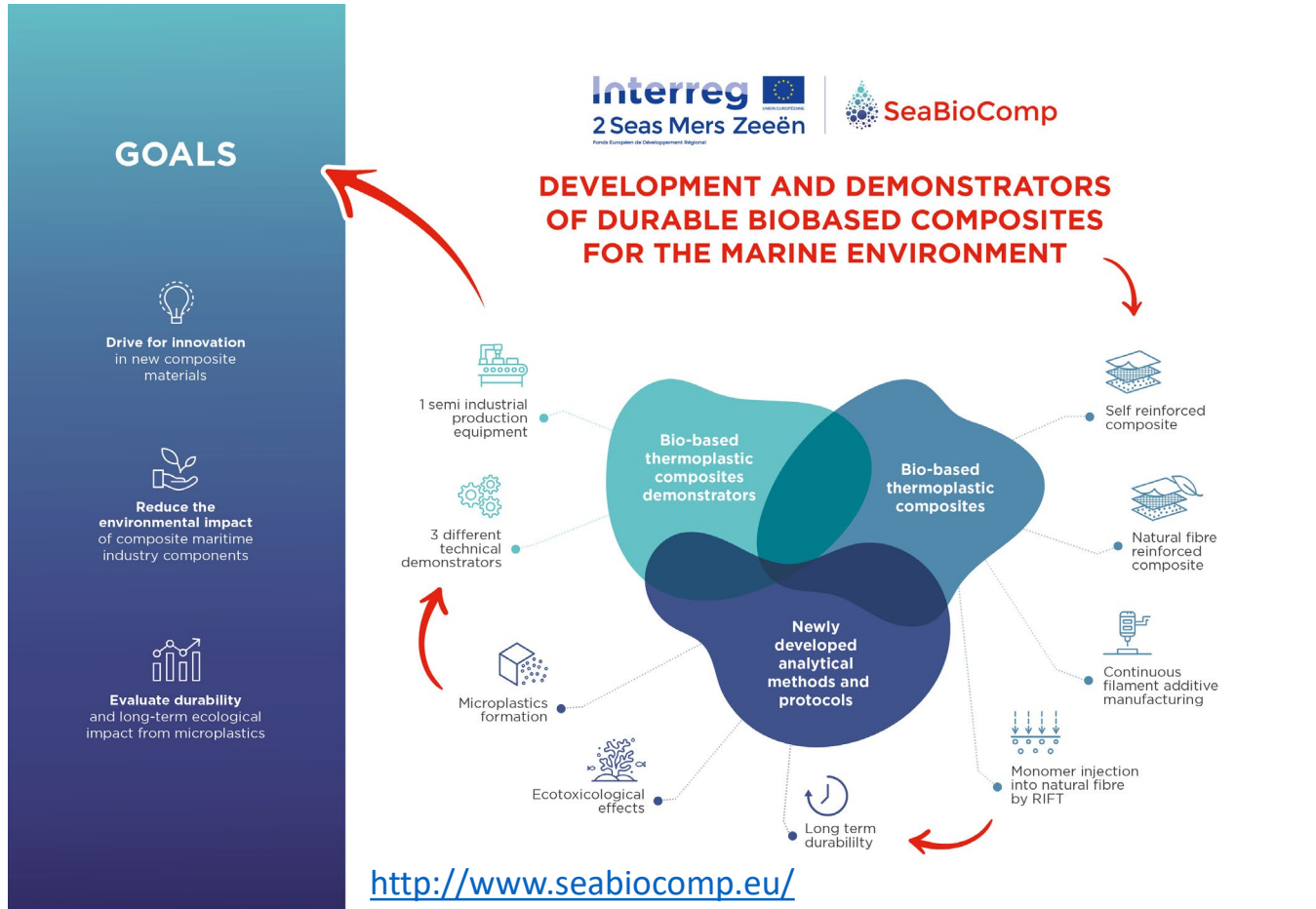
acrylic (PMMA) or polylactic acid (PLA) matrix

Demonstrator component ... to be decided/informed by you?

Life Cycle Assessment (LCA) using SimPro software

keep in touch:

http://www.seabiocomp.eu/interest_group/



The University of Plymouth Team

