

RED MARFIL

DEVELOPMENT OF RENEWABLE-SOURCE POLYMERS WITH ENHANCED PROPERTIES FOR APPLICATION IN HIGH-CONSUMING AND VALUE-ADDED INDUSTRIAL SECTORS

GOALS

- To train excellence centres that develop bio-based raw materials, mainly from waste, agro-industrial byproducts and alternative biomass, that can be used to manufacture products for sectors that consume great quantities of industrial materials and value-added industrial sectors.
- To make a strong contribution to reducing dependence on oil, recovering agricultural byproducts and limiting the amount of waste that goes to landfill without recovery of any kind.

MAIN LINES

- Sustainable, scalable treatment of agro-industrial biomass to produce biopolymers, additives and reinforcements.
- Improving their properties and processing capacity through new bioplastic polymerization techniques.
- Increasing their compostability and recyclability.



Partners:



Funded by:



The MARFIL project forms part of the 2023 Cervera call for Technology Centres of Excellence.