

DDIBIORESIN

Development and demonstration of innovative bio-resin-based polymers for industrial applications



Combines four partners representing the complete supply chain for the manufacture and commercialization of the final products and targets a complete portfolio of biobased polymers for both flexible and semi-rigid applications

EUROSTARS PROJECT E! 114728

CONSORTIUM MEMBERS



PARTNERS








Novel biopolymers based on natural rosin derivatives that intends to improve some technical specifications and overcome some limitations with respect to the most common commercial solutions






Biodegradable Pellets

-  From 30% green carbon content
-  Compostable material
-  Gum rosin with antibacterial and hydrophobic properties








Vegetable Bags

-  High transparency
-  Moisture resistance
-  Improved mechanical properties



Technical and Economical advantages

-  Lower processing temperatures
-  Improved processability
-  Lower energy consumption
-  Reduction of carbon dioxide emissions
-  Commercial affordable cost of the materials



Rigid Applications

-  Good sealability
-  Barrier properties
-  Casting/Thermoforming and injection moulding



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