Universidad del País Vasco

Euskal Herriko Unibertsitatea



Biodegradable and Renewable Materials Group-BioMat

Department of Chemical and Environmental Engineering University of the Basque Country (UPV/EHU), Spain

BioMat research group



Research areas



Valorisation of renewable raw materials to design biodegradable food packaging



Modification of biopolymers to improve functional properties



Optimization of processing methods and conditions to adequate them to industrial techniques



Analysis of the environmental impact of the biobased materials in relation with plastics



Materials

Valorisation of renewable materials



Soy protein (by-product from soy oil industry)



Fish and bovine gelatin (from skin and bones)



Chitosan (from crustacean wastes of the fishing industry)



Red algae gelidium (from marine wastes)

Environmental assessment



BioMat research group













Contact to Koro de la Caba

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