BIOGEARS

Developing biobased ropes for use in mussel and seaweed and creation of biobased value chains and circular economy

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THE CHALLENGE

Farm to Fork European Green Deal Circular Economy

100% plastics-fossil source

Marine litter Impact on ecosystems Carbon Footprint Climate Chance

Sustainable food systems?¿





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BIOGEARS **OBJECTIVES** + 🔶 **Biogears for mussel & seaweed** BLUE LAB • IMTA 🛞 📢 Sustainable aquaculture IMTA @ **Biobased products** New value chain



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ΜΤΑ

THE SOLUTION

BIOGEARS prototype development

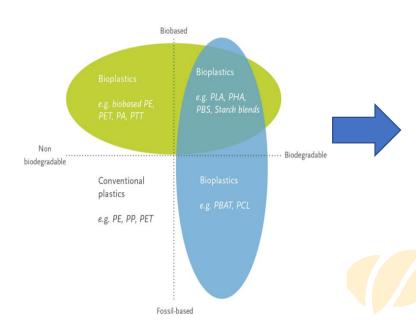


Figure: Classification of bioplastics (covered by the areas green and blue) in the axes defined according to source based (up and down) and the biodegradability character (left to right). Source: European Bioplastics.eu



Conventional ropes (GROPE)

MUSSEL PROTOTYPES

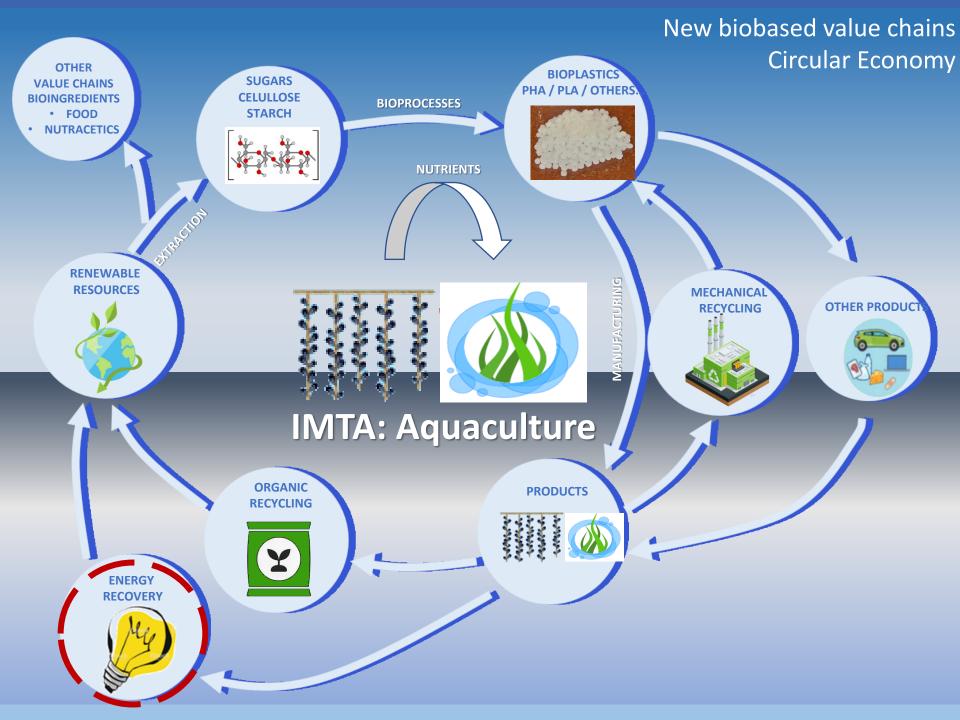
SEAWEED PROTOTYPES

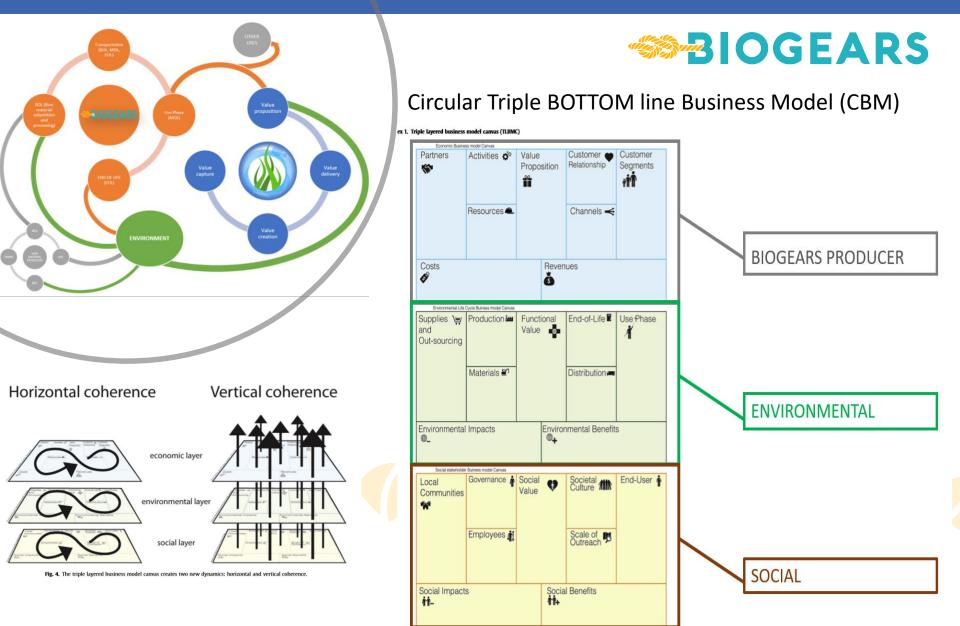


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RESULTS & IMPACTS



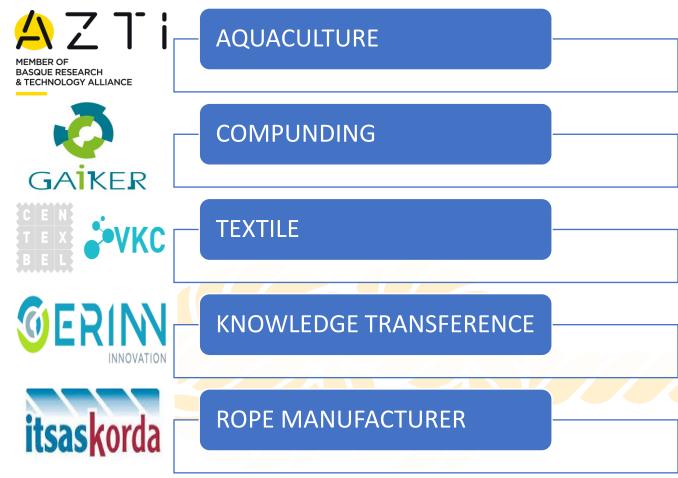


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THE TEAM





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Thank you!

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