



Demonstrable and replicable cluster implementing systemic solutions through multilevel circular value chains for eco-efficient valorization of fishing and fish industries side-streams

# Kick-off Meeting

Genova - Italy

25-26 November 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under G.A. No 101036428

GE is a private R&D company specialized in:

- a) research & development of innovative and (more) sustainable solutions for the single use & multi-use packaging and textile industries such as the use of recycled, regenerate, biobased and or biodegradable (compostable EN13432) raw materials.
- b) Communication and marketing about circular economy and sustainability
- c) Promotion and sales of innovative sustainable raw materials for Italian packaging and textile industries



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GE actions:

a) Eco fishing instruments

- 1 - use of biobased biodegradable + compostable expanded PLA (Biofoam™ biopolymer) for fish boxes
- 2 - development and use of registered patent aimed to space saving during transportation and warehousing of empty fish boxes (up to 40% space reduction)
- 3 - production of GE patented fish box® mould
- 4 - production of biofoam™ fish boxes for efficiency test

b) Organic (fishing and boxes) waste management

- 1 - fishing and fish-market organic wastes on site processing by means of electromechanical composting machine (>70% space reduction)
- 2 - study and test on achieved quality compost



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## TEAM:

Marco Benedetti - team manager  
Biopolymer Technologist - R&D  
Vice-president Ass.nat Chimica Verde Bionet

Elena Bigiarini  
R&D Assistant - quality control

Fabio Benedetti  
Accounting - R&D assistant



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