



Project: 101114177 — LIFE22-ENV-IT-LIFE GREENLIFE4SEAS
 GREen ENgineering solutions: a new LIFE for SEdiments And Shells
 LIFE-2022-SAP-ENV _____ Co-funded by the European Union



GREENLIFE4SEAS

GREen ENgineering solutions:
 a new LIFE for SEdiments And Shells

GREENLIFE4SEAS stems from the urgent need to find out sustainable solutions for two highly impacting marine **wastes: dredged sediments and shells**. GREENLIFE4SEAS responds to these needs through a triple-helix model of Consortium, where synergy among **research capitalisation, industrial symbiosis and societal participation**, is the key to innovation. It will involve **EU member states** in exploiting research results produced over the years by the scientific partners, for original applications granted by the inventive genius of two industrial partners.

The **GRE**en and **EN**gineering-based solutions will make it possible a breakthrough to turn both the wastes into resources, bringing them to a new **LIFE**. GREENLIFE4SEAS will craft a first versatile ecodesign by-product, the **shell powder**, that will be used as secondary raw material with sediments and binders to create, directly in **4 port areas (4SEAS)** via a prototype of **supermobile-plant, three innovative by-products**, i.e., paving blocks, breakwaters and mass stabilisation.

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Coordinating beneficiary



Associated beneficiaries



“Don’t mind me. I come from another planet. I still see horizons where you design borders.”

Frida Kahlo



Courtesy of Michael De Pace