



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 GREen and ENgineering-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

