



Sustainable and nature inclusive offshore energy with the parallel biodiversity flourishing, protection and monitoring

Follow us



Contact us

 info@sunbioproject.eu

 www.sunbioproject.eu



Funded by
the European Union





About

SUNBIO is an advanced and innovative project aimed at developing and implementing an integrated triple-use system for producing clean and renewable energy, supporting marine biodiversity, and sequestering carbon in the marine environment.

This project combines three main functions:

(1) Offshore Hybrid Renewable Energy System (OHRES) to produce clean and renewable energy by the exploitation of sun (marine floating photovoltaics), waves and thermal gradient differences, (2) the development of an underwater (UW) biodiversity hub to support the flourishing of maritime species and (3) Carbon sequestration and UW site restoration by cultivating indigenous maritime species close to seabed and along the water column.



Main objectives of SunBio Project



To support sustainability by developing innovative **OHRES** with cumulatively positive environmental impact during construction, operation and end of life using recycled and recyclable materials.



To protect, restore and support biodiversity alongside carbon sequestration by cultivating native species and using nature-friendly artificial reefs to support the mooring of the **OHRES**.



To provide qualitative and quantitative scientific data and evidence by implementing reliable multi-parameter underwater monitoring to support and contribute to all relevant EU policies and UN objectives.