



Union for the Mediterranean
Union pour la Méditerranée
الاتحاد من أجل المتوسط

Financing innovation ecosystems for the Mediterranean Sustainable Blue Economy: Local actors, opportunities, and challenges – January 2023

FINANCING NEW BUSINESS MODELS BASED ON REGENERATIVE TECHNOLOGY: THE EXAMPLE OF



Ocean
Ecostructures

SEASTAINABLE VENTURES

OUR VISION

To empower the Oceans, building a better future for all

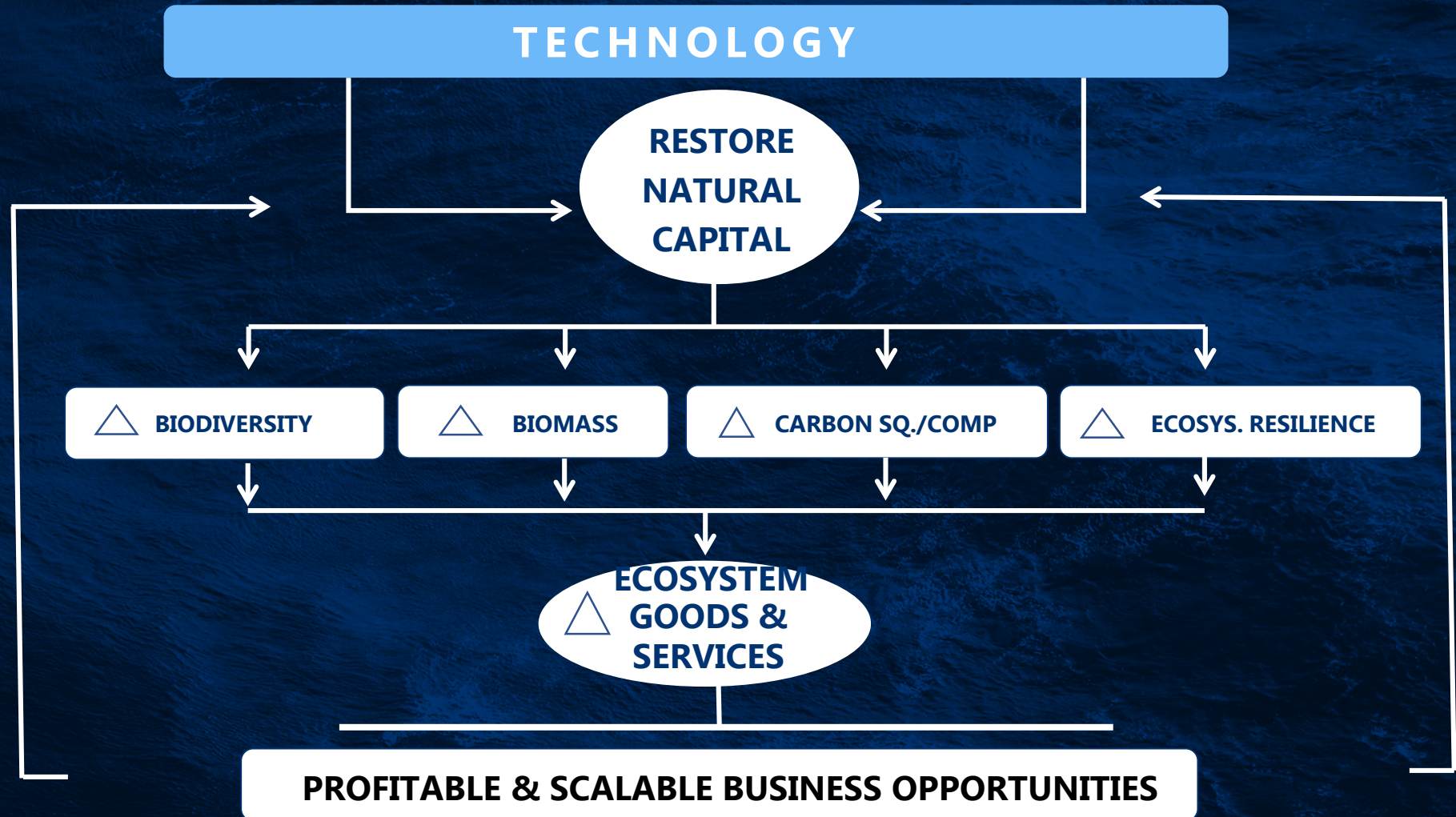
OUR APPROACH

To bring game changer, ocean healing innovations to the community

- Over **220 institutions in our Scientific Network** and **+ 70 startups** under analysis
- **Advising Institutions & companies** in developing Blue Economy initiatives
- **World Ocean Council** Technical Office & Advisors.
- **World Ocean Council Mediterranean chapter** leaders



NATURE-BASED SOLUTIONS VALUE GENERATION MODEL- FINANCING SUSTAINABILITY





EXAMPLE:



Ocean
Ecostructures

FROM GREY TO BLUE

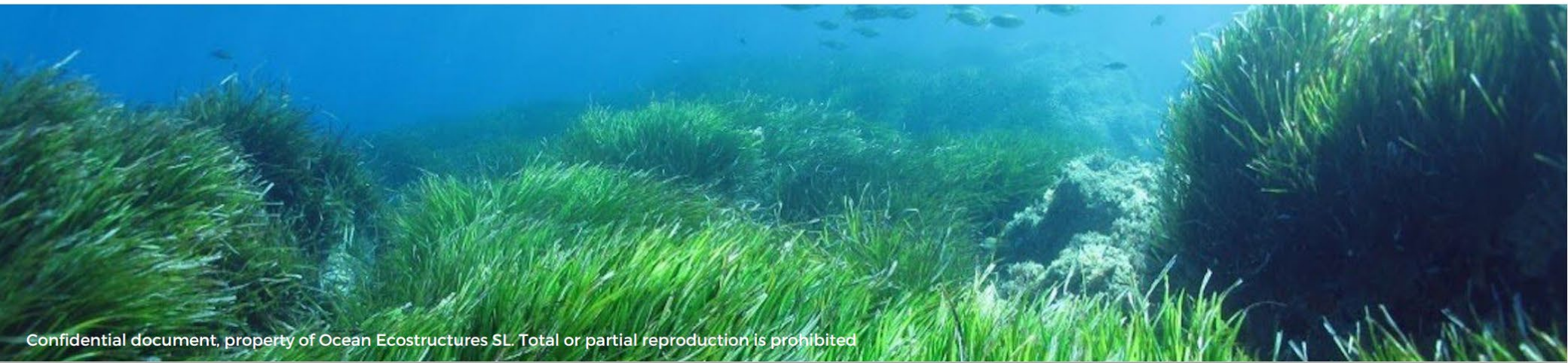
About Ocean Ecostructures

Company specialized in the development of Marine regenerative technology (Blue Regentech)

We provide solutions to offset the negative effects of marine infrastructures

We revitalize marine infrastructures and damaged environments, recovering monetizable ecosystem services and improving the competitiveness and social recognition of our clients.

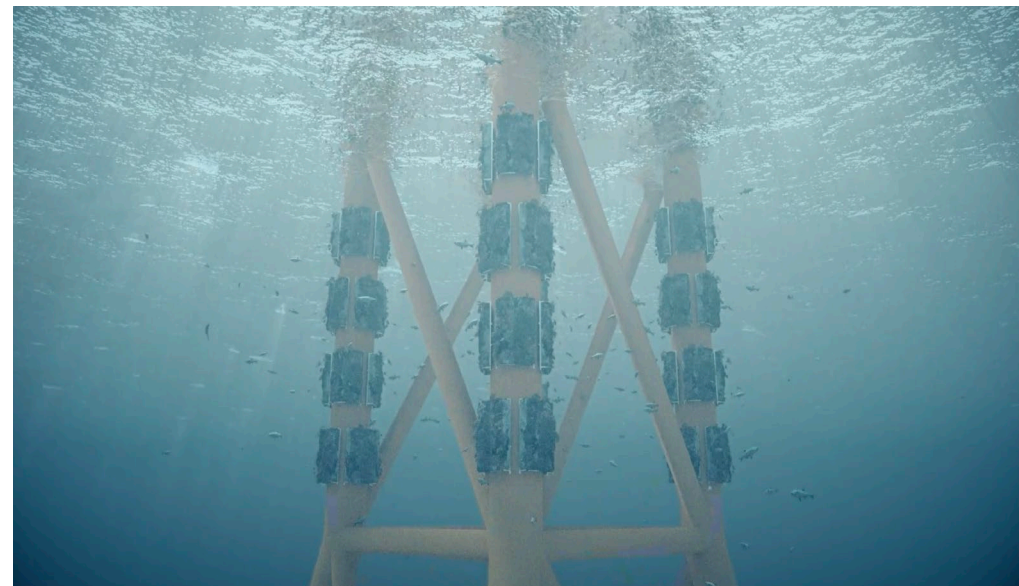
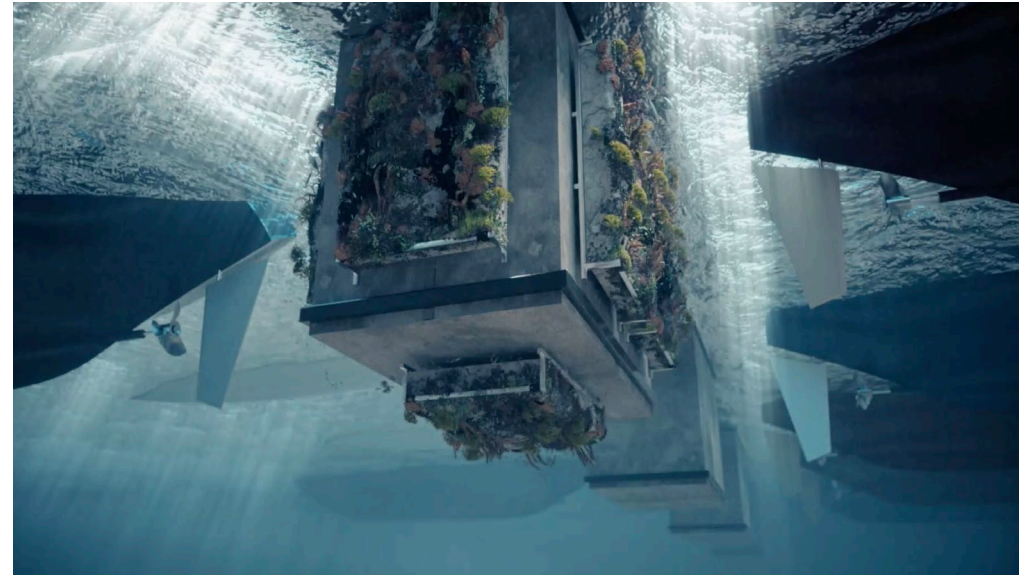
We implement Nature-Based Solutions that reinforce the fight against climate change and recover the marine environment



MAIN PRODUCT: LIFE BOOSTING UNIT - LBU

- Natural substrate **HIGH SPEED, HIGH CAPACITY** REGENERATIVE SYSTEM
- **Designed specifically for PORTS, MARINAS, OFFSHORE PLATFORMS (wind, oil) ,**
- Easily installed and adaptable attachment system (operational versatility and flexibility)
- All units are monitored via the iOceans digital platform

More info: www.oceanecostructures.com



ENVIRONMENTAL BENEFITS: TURNING INFRASTRUCTURES INTO NATURE POSITIVE



- **High Speed life regeneration capacity, natural substrate (CaCO₃)**
- **Recovery of the sea's CO₂ capture and O₂ generation capacity – Climate restoration**



Make infrastructure Nature Positive

- Biodiversity Recovery
- Reduction and early detection of invasive species
- Biodiversity Repository
- Increased biomass
- Reduced pollution - bioremediation

OE TECHNOLOGY GOES ONE STEP BEYOND

- Ocean Ecostructures provides technology based, value added services to its customers :



Monitoring & Communications



Digitalization - iOceans

TURNING ENVIRONMENTAL BENEFITS INTO SOCIO-ECONOMIC BENEFITS (TANGIBLE, MONETIZABLE)



Development of new ecotourism opportunities



Consolidation of SDG compliance and ESG Policies



New social engagement and reputation initiatives



Underpinning of environmental and certification requirements and programmes

OE MAKES REGENERATIVE TECHNOLOGY AN INVESTIBLE, 360 SUSTAINABLE SOLUTION FOR THE MEDITERRANEAN

OIL & GAS



COMMERCIAL PORTS



WIND FARMS



MARINAS



EFFECTS

FINANCIAL

**COST REDUCTION, INCREASE SOCIAL ENGAGEMENT, OPEN UP NEW
SOURCES OF REVENUE STREAMS => + COMPETITIVITY AND PROFITABILITY**

+

ENVIRONMENTAL

RESTORE BIODIVERSITY, IMPROVE QUALITY OF ENVIRONMENT,...

+

SOCIAL

GENERATE JOBS AND INCREASE ENVIRONMENTAL AWARENESS

INVESTING IN BLUE ECONOMY: RISK ASSESSMENT

RISK

MARKET

TECHNOLOGY

OPERATIONS

NO REAL DIFFERENCE FROM OTHER ESTABLISHED INDUSTRIES



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THANK YOU