



Climate-KIC



Climate-KIC is supported by the
EIT, a body of the European Union

Transforming innovation into climate action



Prof. Phoebe Koundouri (pkoundouri@aueb.gr)

Professor and Director of ReSEES Laboratory , School of Economics
ATHENS UNIVERSITY OF ECONOMIC AND BUSINESS

Director Climate KIC Greece, ATHENA Research & Innovation Center
Co-Chair, UN SDSN: UN Sustainable Development Solutions Network – Greece



Agenda 2030 SDG 14

European Blue Growth Initiative



- **Seas & oceans are drivers for the economy and have great potential for innovation & growth.**
- **The 'blue' economy represents:**
 - **4 million jobs**
 - **gross added value 175 billion / year**

Agenda 2030, SDG 14

Sustainable use and conservation of the oceans, require effective strategies and management to combat the adverse effects of overfishing, growing ocean acidification and worsening coastal eutrophication.

GOAL 14

CONSERVE AND SUSTAINABLY USE THE
OCEANS, SEAS AND MARINE RESOURCES FOR
SUSTAINABLE DEVELOPMENT

European Blue Growth Initiative

Long term strategy of the EU to support sustainable growth in the marine and maritime sectors: smart, sustainable and inclusive growth.

Why?

A sea of shared challenges and opportunities



Jobs



Value



Sustainability

← Blue Economy →

Focus Area

Five sectors with high potential for sustainable Blue Growth are to be further developed:



other sectors of the blue economy crucial for value & jobs

Shipbuilding & Ship repair

Transport (cargo & ferry)

Fisheries

Offshore oil & gas

AGENDA2030: Greece Performance:

Index Score: 70.6

Regional Average 76.9

Overall Rank: 48 out of 156

▼ CURRENT ASSESSMENT – SDG DASHBOARD



▼ SDG TRENDS





Climate-KIC

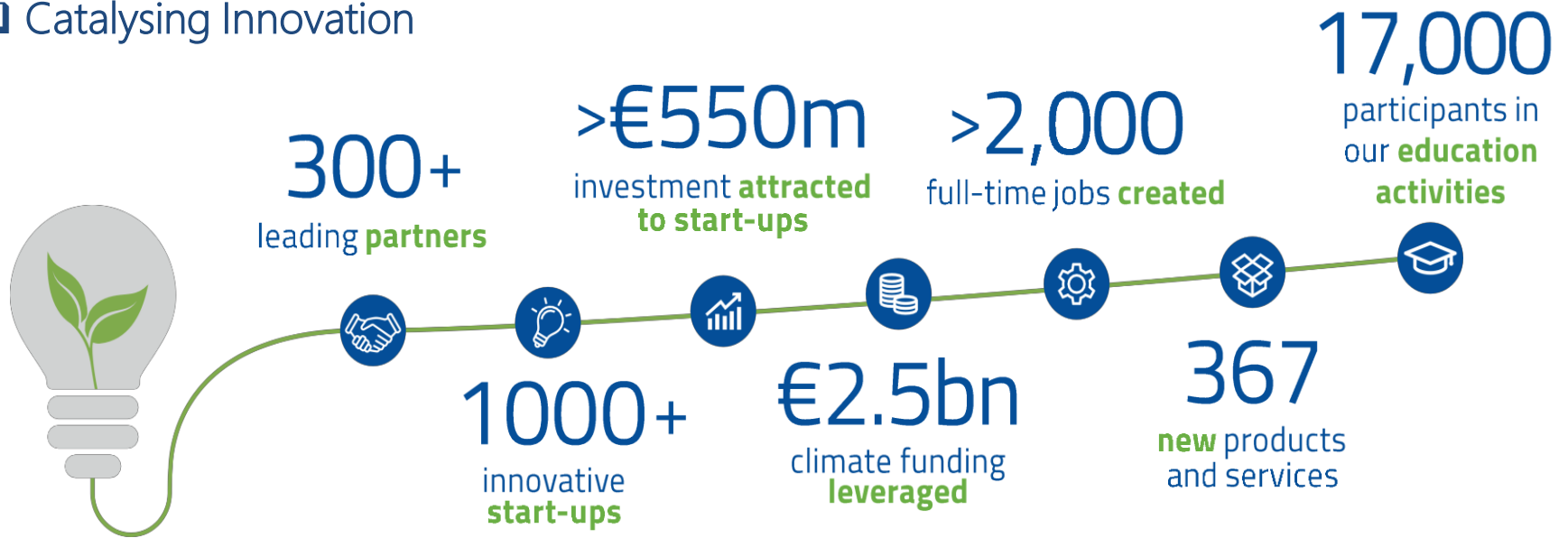
EIT Climate-KIC is a European **knowledge and innovation community** working to accelerate the transition to a **zero-carbon economy** through **whole systems** transformation.

The EIT Climate-KIC is part of the European Institute of Innovation and Technology (EIT) and the EIT Community.

The EIT is a body of the European Union and a global innovation leader, delivering world class solutions to societal problems

ET Climate KIC Europe is Building a Movement of Climate Action

- ❑ Convening networks of expertise
- ❑ Leveraging Grants Smartly & Effectively
- ❑ Developing People & Capacity
- ❑ Catalysing Innovation





Greece



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A Global Network of :
Universities & Research and Innovation Centers
Businesses
Civil Society Organizations
Policy Making
Political Institutions

To support **SCIENCE DRIVEN** implementation of **SDGs**

Sept. 7 - 8, 2017 | Athens, Greece

3rd SDSN Mediterranean Conference & Official Launch of



Co-Chairs:

Prof. Phoebe Koundouri

Prof. Andreas Papandreou

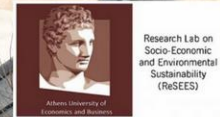
Keynote Speaker: Prof. Jeffrey D. Sachs



Co-Hosting Institutions



Partners



www.unsdsn.gr

Co-Chairs

Prof. Phoebe Koundouri

Prof. Andreas Papandreou

Leadership Council

Business, NGOs,

Policy Making, Politicians

3000+ universities & researchers

2000+ companies and NGOs worldwide

CROSS-CUTTING THEMES

Natural Capital Valuation & Integration
Sustainable Investment Allocation

Climate Change: Mitigation and Adaptation
Policies

Sustainable Development in
Times of Crisis

THEMATIC PRIORITIES

Sustainable Shipping and Marine Resources
Management

Sustainable Energy and Energy Security

Sustainable Water-Food-Energy Nexus

Sustainable Tourism and Biodiversity

Education and Training Courses in Sustainable
Development

UN SDSN Greece Projects



•€100+ million of research funding from: European Commission (DG RTD, DG MARE, DG ENV, DG ENER, DG REGIO), International Organizations (World Bank, OECD, EBRD, WHO, FAO, UN), Governments in all 5 continents, etc.

•1000+ peer-reviewed research papers & books

Recent UN SDSN Greece Blue Projects

BlueBRIDGE




GENESIS
groundwater and dependent ecosystems



MSP Cyprus



RECONNECT

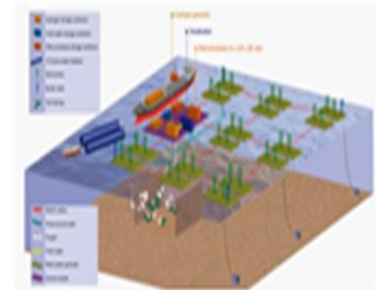
Interreg 
Balkan-Mediterranean
European Regional Development Fund

OCEANS of TOMORROW, EC-DG Research-FP6; Budget: 20,000,000



Development of a wind- wave power open-sea platform equipped for hydrogen generation with support for multiple users of energy

<http://www.h2ocean-project.eu/>



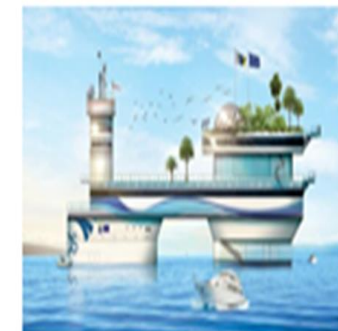
Innovative multi-purpose offshore platforms: planning, design and operation

<http://www.mermaidproject.eu/>



Modular multi-use deep water offshore platform harnessing and servicing Mediterranean, subtropical and tropical marine resources

<http://www.troposplatform.eu/>



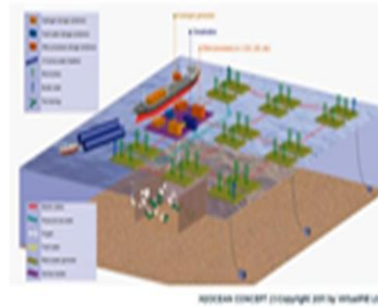
Sustainable Energy and Resource Management

OCEANS of TOMORROW, EC-DG Research-FP6; Budget: 20,000,000



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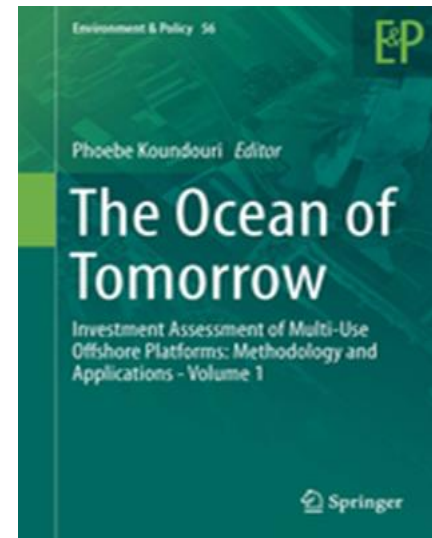


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Innovative Multi-purpose offshore platforms: planning, design & operation





Sustainable Energy and Resource Management



The BlueBRIDGE Project –
Addressing the Blue Societal Challenge
H2020. Budget: 10,000,000 euro

Building Research environments fostering Innovation, Decision making, Governance and Education to support Blue growth

<i>Supporting assessment of stocks and fisheries</i>	<i>Improving performance and sustainability in aquaculture</i>	<i>Monitoring fisheries & habitat degradation</i>
		

Many Past & Ongoing Marine Projects Below List of Ongoing

- **THESEUS:** Innovative technologies for safer European coasts in a changing climate (FP7)
- **OCEANS OF TOMORROW:** Multi-Use Offshore Platforms for Sustainable Blue Growth (FP7)
- **BLUEBRIDGE:** Building Research environments fostering Innovation, Decision making, Governance and Education to support Blue growth (H2020)
- **RECONNECT:** Regional cooperation for the transnational ecosystem sustainable development (INTERREG)
- **MARINE SPATIAL PLANNING** (Ministry of Env, Govt of Cyprus)
- **FISH ON A CHIP:** Innovative Technologies at the Service of the Aquaculture, Fisheries & Research Sectors (H2020)
- **COASTAL:** Collaborative Sea Integration Platform (H2020)
- **BLUEGREENGOV:** Blue-green integrated governance tools for growth (H2020)



10 OCTOBER 2018 REPORT Intergovernmental Panel on Climate Change (IPCC):

Urgency of limiting global warming to 1.5 degrees Celsius.

Beyond which ...the risks of drought, floods, extreme heat and poverty for hundreds of millions of people, significantly worsen!

The world is on course for a disastrous 3C of warming

We have **12 years left** until the point of no return. Most of us will still be alive then!

Urgent and unprecedented changes are needed to reach the target.

The target is affordable and feasible. The final tick box is political will!