



LOOP·Ports
Circular Economy Network of Ports

**CIRCULAR
ECONOMY
PANEUROPEAN**
Online Workshop
7th October 2020



A Systems Innovation approach for a circular, inclusive, resilient, zero-carbon maritime sector

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EIT Climate-KIC | 7 October 2020

 @ClimateKIC



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

EIT Climate-KIC is the European Commission's foremost climate innovation agency

- Established in 2009 as part of the European Institute of Technology and Innovation (EIT), a body of the European Union.
- EIT Climate-KIC today is an extensive community of changemakers (over 2000 organisations), made up of funders and investors, large and small companies, scientific institutions and universities, cities, regions and other public bodies, as well as start-ups and students.
- EIT Climate-KIC's extensive reach, convening power and expertise in climate and innovation, is truly unique.

Changing everything needs everyone. New partners join a diverse network of change agents committed to collective action.

2000+

organisations
made up of:



Corporates



Start-ups



Universities



Civil society



City governments



Regional governments



National governments

10-year track record in climate innovation

1600+
climate-positive
start-ups incubated

€3.4bn+
climate funding
leveraged

595
new products
and services

€550m+
total value of
funds managed



391+
formal partners,
across 28 countries
(including *Linked 3rd*
Parties)

>€1bn
investment attracted
to start-ups

>2300+
full-time jobs created
since 2010

44,000
participants in our
education activities

10 years of experience has taught us that achieving the systemic change we need requires a different order of innovation.

Incremental

System innovation

Transformational

Project finance model

Portfolio finance model

Single projects,
incremental change

Portfolio of connected innovation
projects that learn from each other

Siloed, fragmented activities,
often tech focused

Wide appreciation of
change levers



Systems innovation acts on a wide array of change levers all at once



learning
by doing

portfolio
approach



Systems
innovation
principles

demand
led

leverage
points

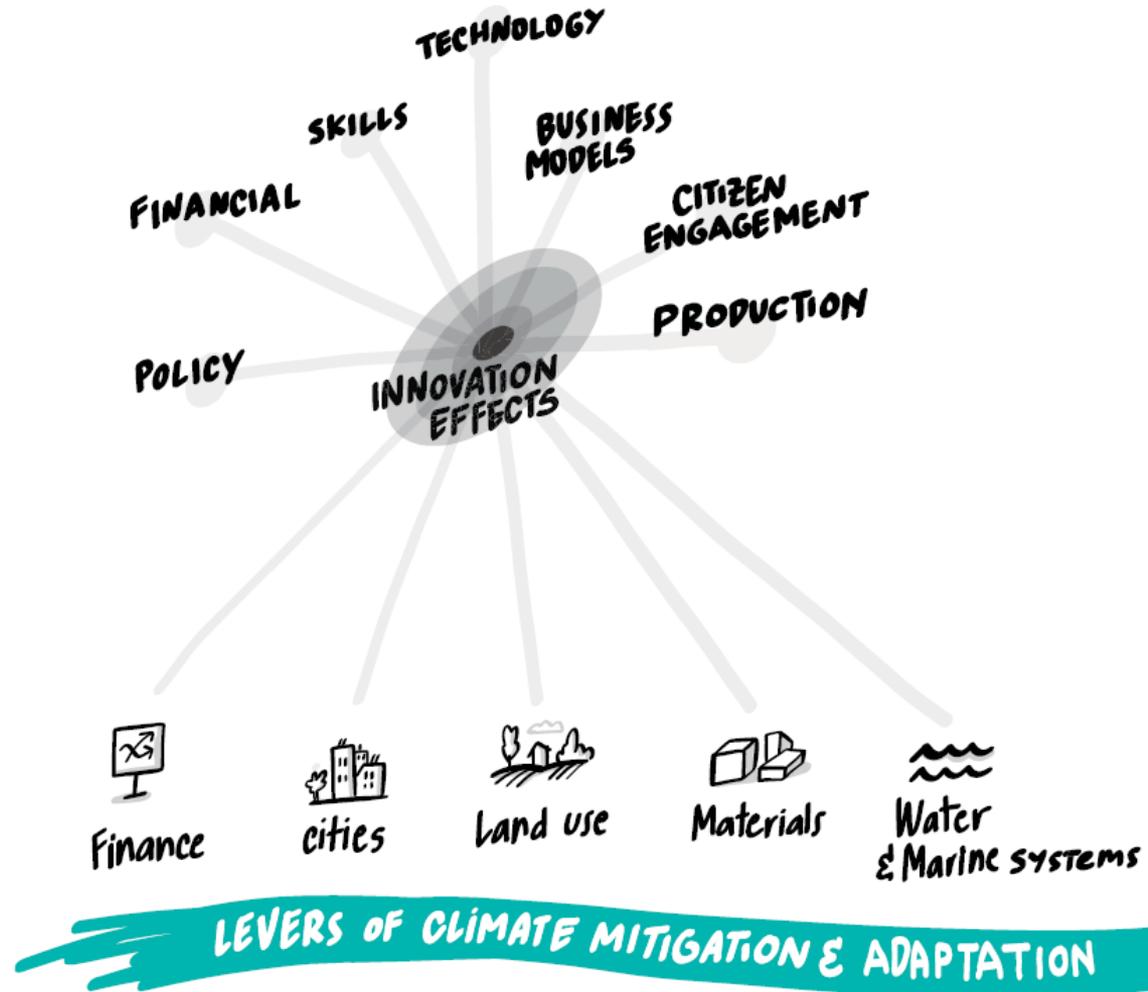


**EIT Climate-KIC works
in the Maritime sector**

Transformation in Time

Circular
Inclusive
Resilient

Net-zero carbon



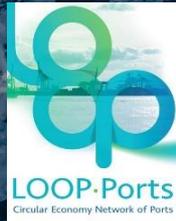
EIT Climate-KIC work in the Maritime sector

Ερευνητικό κέντρο "Αθηνά"

Climate Innovation in Southern European Waters – BL.EU CLIMATE



ClimateLaunchpad



Climathon

Deep Demonstration

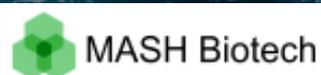
Resilient, Net-Zero-
Emissions Maritime Hubs



Pioneers



Journey



A Transition for Aarhus

A deep demonstration of...

Resilient, Net-Zero Emissions, Maritime Hubs

The maritime sector accounts for 90% of global trade and 3.1% of global GHG emissions – a figure projected to increase threefold by 2050. Ports are places where multiple systems collide – shipping, energy, waste, tourism and other transport for example. They are emissions hotspots in themselves, but also hubs with the potential to effect enormous change. We are working with ambitious partners on land (ports) and at sea (shipping industry) who share an ambition to create a circular, inclusive, net zero-emissions maritime sector.

Net-Zero Emissions, Resilient Maritime Hubs

Problem owners

We are working with three Mediterranean partners to kick off our fifth focus area on water and marine systems.



1
**Valenciaport
Foundation**

2
**Port of
Piraeus
(ATHENA RC)**

3
**Cyprus Ship
Registry**
through Cyprus
Deputy Ministry
of Shipping

Designers



Pioneering Hubs



Cyprus



Together with the Cyprus Shipping Registry, one of the biggest in the world, we are exploring how innovative policies and regulations combined to technology can support the decarbonization of the shipping sector. Cyprus hosts the 3rd largest fleet in EU and the 10th ranked worldwide.



Piraeus (GR)



We are working with the Port of Piraeus, one of the largest ports in the Mediterranean and the fastest growing port in the world, on its transformation to a green and innovative port delivering high quality services and enabling thriving communities. Our starting points are mobility, energy, waste management / circularity and community engagement.



Valencia (ES)



The Port of Valencia envisages to transform itself to a zero net emissions port by 2030. Together we are exploring innovation for the holistic transformation on the economic, social and environmental fronts, starting with energy efficiency, mobility, carbon compensation and policy/ public procurement.

An aerial photograph of a modern city street, likely in a financial district. The street is wide and multi-laned, with several cars visible. On either side of the street are tall, modern buildings with glass facades. There are also green spaces and trees interspersed among the buildings. The sky is blue with some light clouds. The overall scene is a mix of urban architecture and greenery.

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