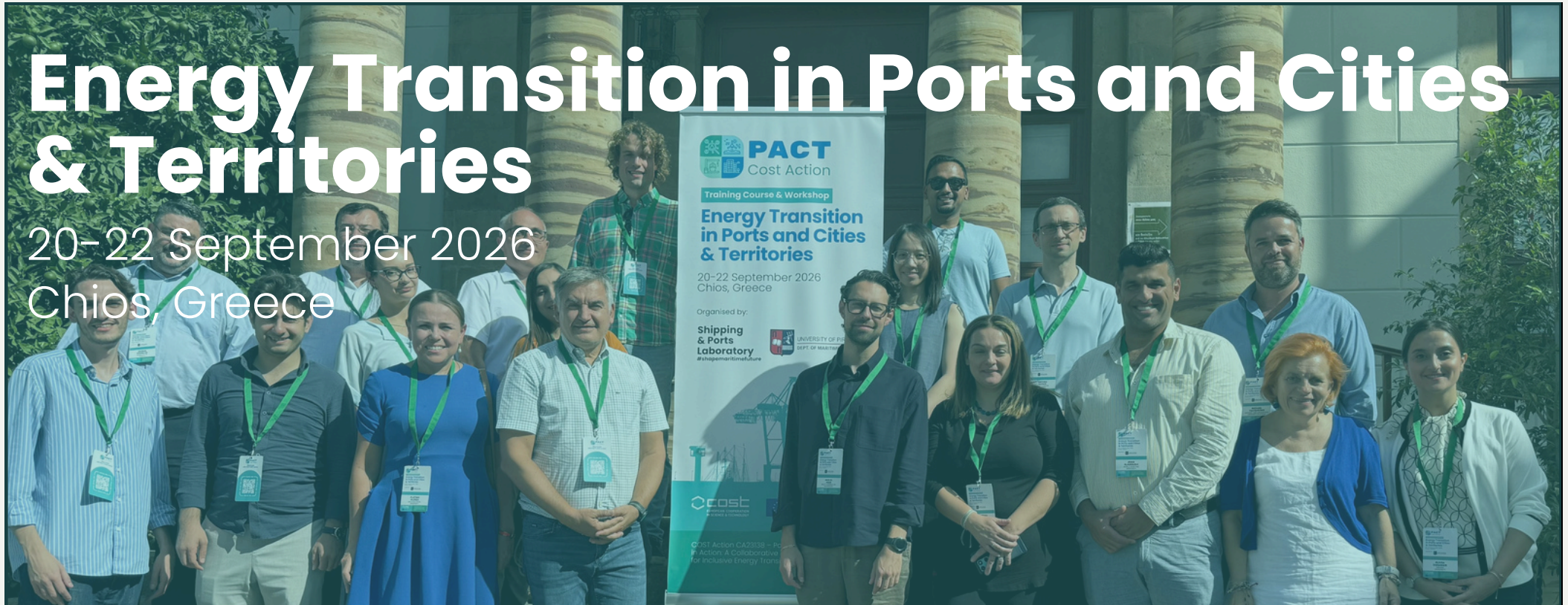


Training Course and Workshop

Energy Transition in Ports and Cities & Territories

20-22 September 2026
Chios, Greece



Organised by



UNIVERSITY OF PIRAEUS
DEPT. OF MARITIME STUDIES

Inspired in Piraeus, Hosted in Chios, Connected Beyond



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**Shipping
& Ports
Laboratory**
#shapemaritimefuture



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Funded by
the European Union

COST Action CA23138 – Port City Territories
in Action: A Collaborative Laboratory
for Inclusive Energy Transition (PACT)

Exploring
how
ports can
power a
greener
future





(Re)Imagining
the **port-city
threshold**



Studying
**stronger
connections**
between ports
& cities



Putting **people**
at the heart of
**the energy
transition**

**Learning
together,
leading
change**



Exploring how shared decisions can drive change

BLOCK 1 Policy statement and target PLAN

One paragraph, one number, one date. Say what you will cut, by how much, by when, against which year...

40% ↓ CO₂ by 2032 with 2024 baseline - 7.7% to be reduced

BLOCK 2 Baseline PLAN

Copy the figures from your point brief. State your total baseline, your single biggest source, and which source...

Baseline 17,100. Buildings 1450. Shipping 240. Power & heat 17,240. Road & air 200.

BLOCK 3a Measure 1 - quick win PLAN & DO

This great, cheap, no new infrastructure. Technology: why THIS point - what it saves - roughly what it costs

Shows new digitalisation of port systems - 70% savings (5%) for terminal building

BLOCK 3b Measure 2 - medium term PLAN & DO

One to two years, more than a pilot project, when it saves - roughly what it costs

Public Consultation Env permitting

BLOCK 3c Measure 3 - flagship PLAN & DO

Three to five years, gives other your biggest single

Nearshore wind turbines 6 MW x 6 = 36 MW

Grid capacity by at least 50 MW more

6% of calls 250 → 150 calls w/ ops 14.5 MW per ship

BLOCK 4 Stakeholders DO

Primary can stop you or go for you, secondary are affected or useful. For each - why they matter, the one thing you need, and how you will engage them.

Primary → Vessels (Container) Secondary → Inform. Port managing body. Port service provider. Employers and water users. The financial community. Regulators (National, Regional, Local). Technology providers and manufacturers. Energy Provider.

BLOCK 5 Top three risks PLAN & DO

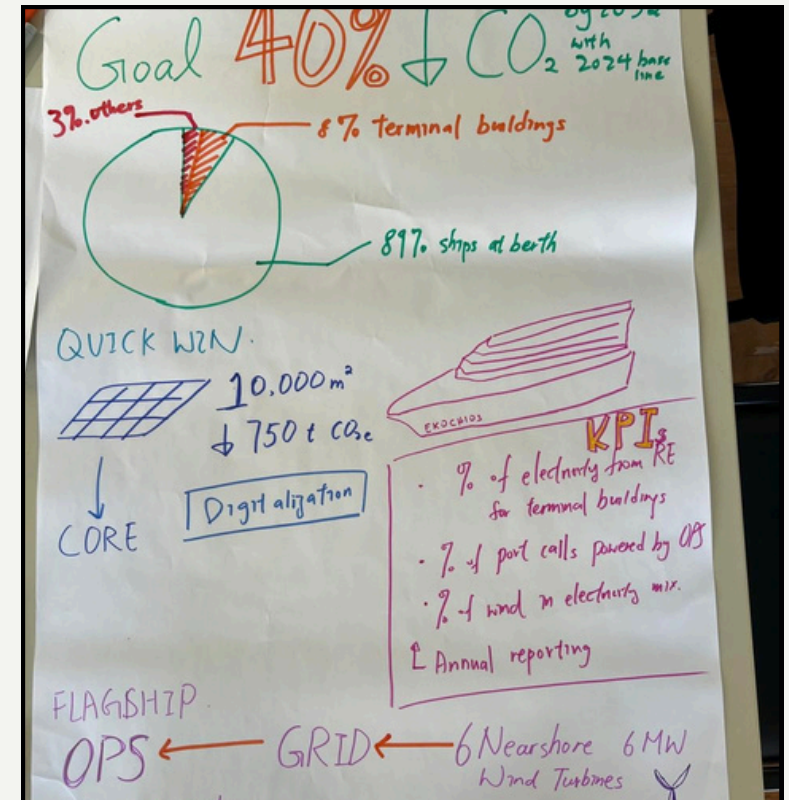
One technical, one financial, one social - each with a mitigation that has an action, an owner and a date.

Technical: Completion of electricity with the city. Financial: Lack of guarantee for loans from banks. Social: Loss of jobs due to digitization.

BLOCK 6 Check and Act CHECK & ACT

CHECK - Three indicators, each with a baseline and a target. Make sure an intensity, per TCU or per tonne, no growth does not matter you. ACT - what would force you to revise the policy. One sentence. Mitigation if you have time.

• % of electricity from renewable source for terminal building. • % of port calls powered by OPS. • % of wind energy in the electricity mix.



Bringing different perspectives to a common challenge



Mapping possibilities



Sharing ideas
Building the
energy policies
of tomorrow,
today.



**Building
connections that
reach beyond the
classroom**



**Leaving with fresh
ideas and shared
memories**