

elemed

electrification
in the eastern
mediterranean

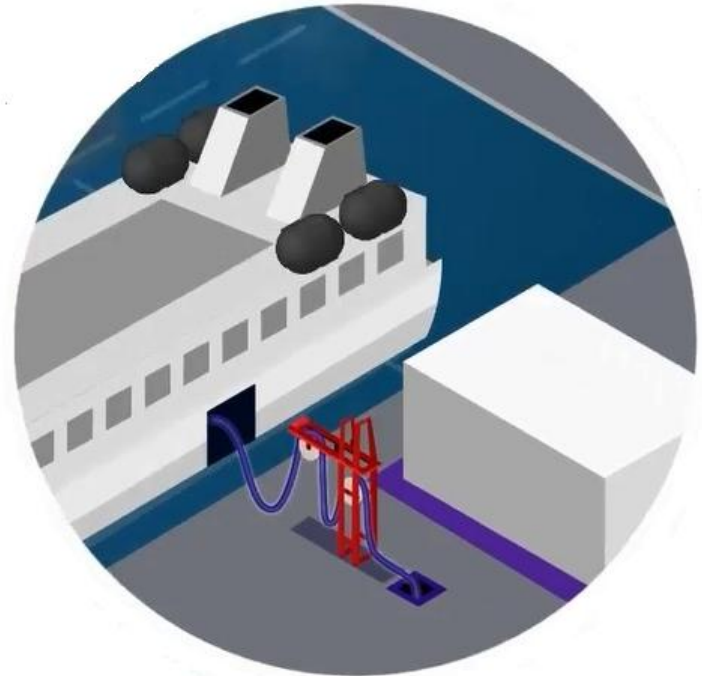
The Elemed action, electrification as the key to sustainable Port & Shipping Operations

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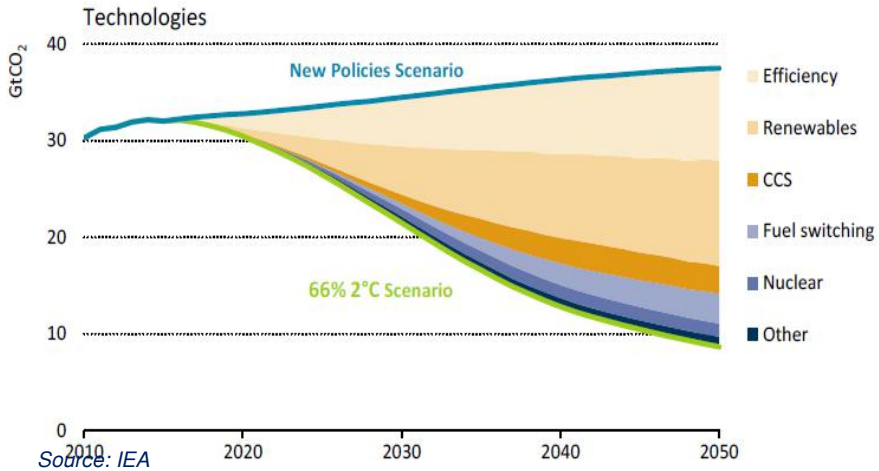
LNG : The meeting point for marine, transport and energy sectors in Cyprus

29 September 2017

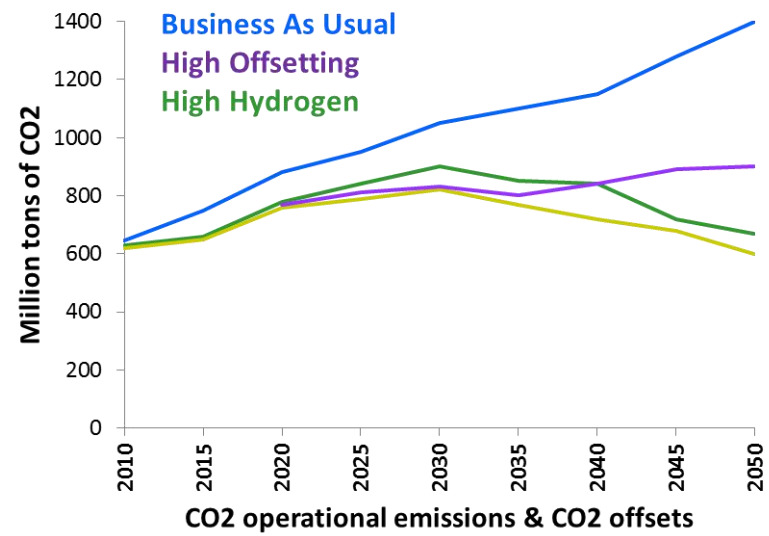


Decarbonisation – The mother of Challenges

IEA Carbon Dioxide emissions under NPS and 66%2degC

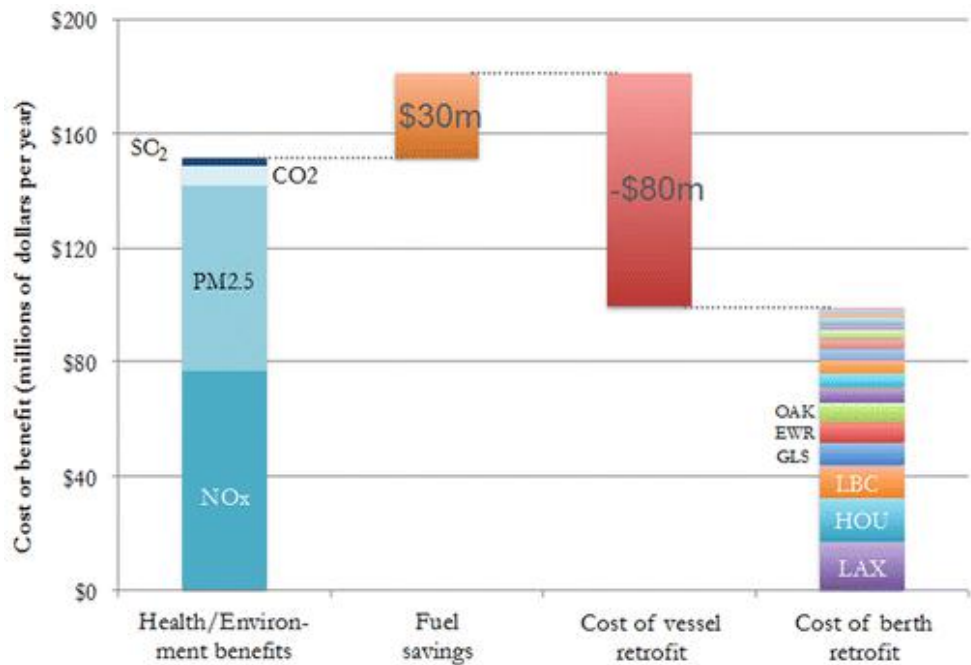
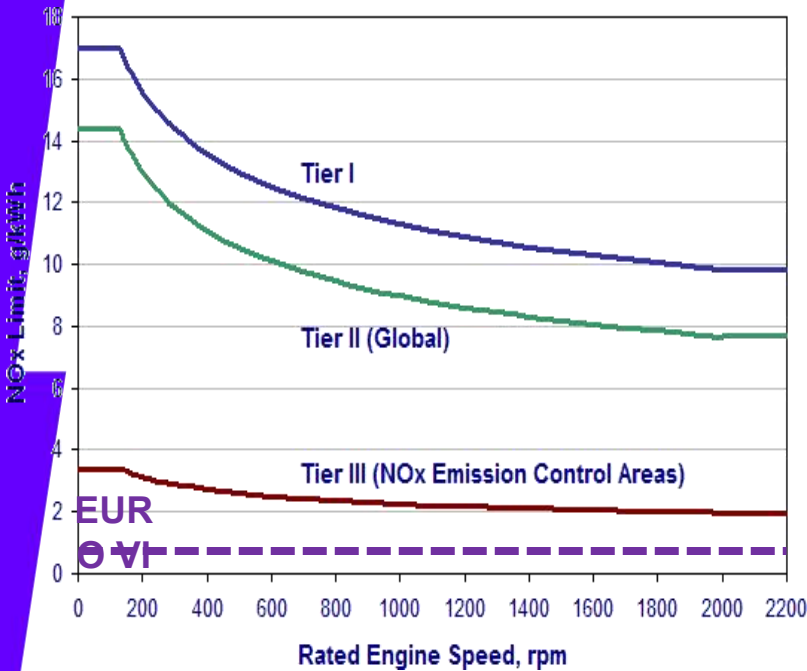


LR Carbon Pathways – Shipping GHG Emissions Scenarios



X Factor – The Carbon

Local pollution – The Lethal emissions



From Crisis to Opportunity

The South-eastern Mediterranean Corridor



Public Health



Growth

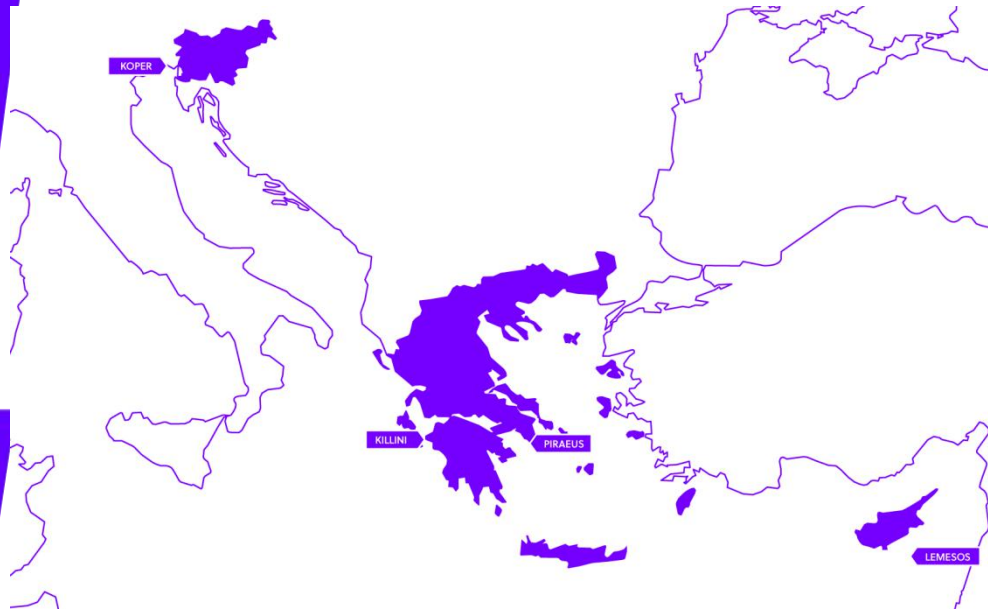


Environment



Mobility

Elemed Project Anatomy



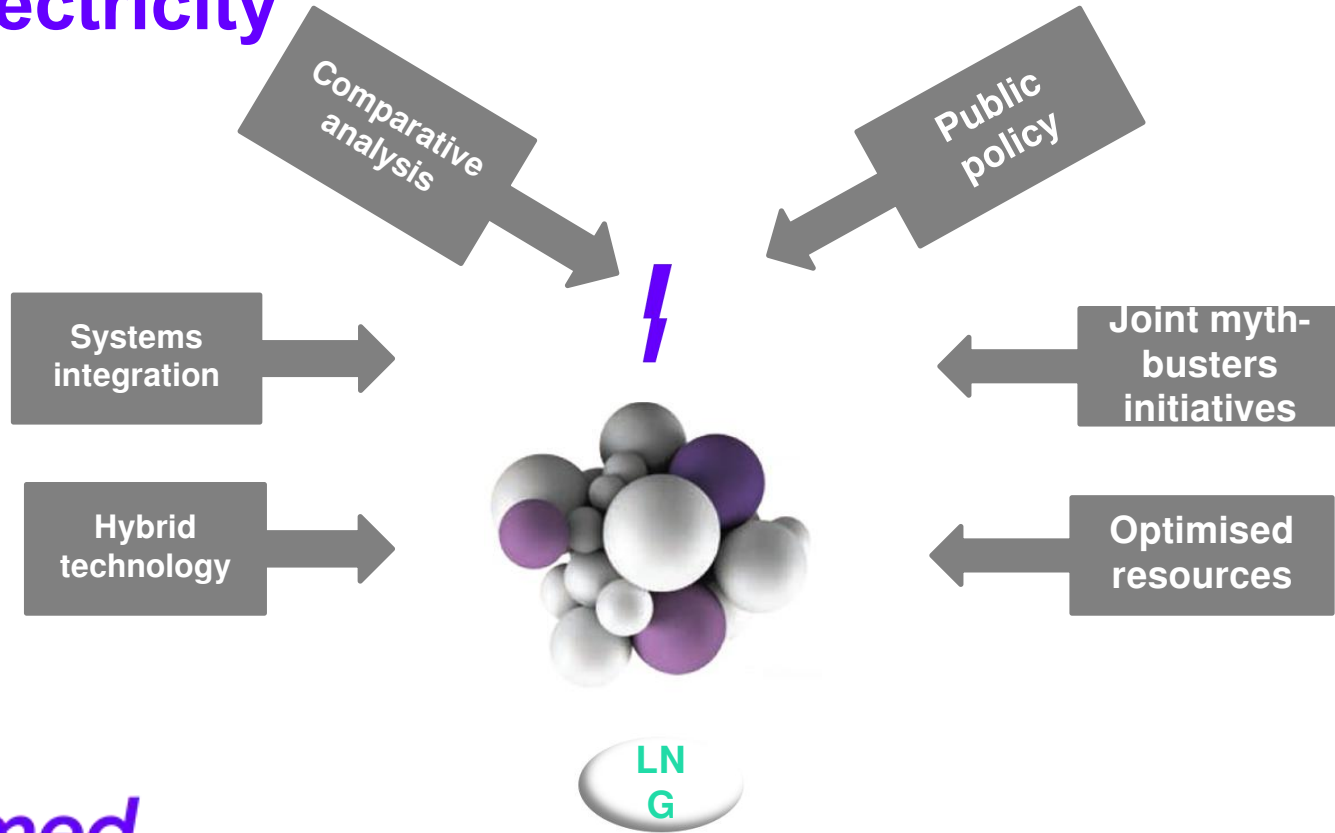
3 Member States – Participating Ports:

- Piraeus – Killini (Greece)
- Lemesos (Cyprus)
- Koper (Slovenia)

Cross-european maritime network and **macro-regional strategies** for Adriatic-Ionian Seas

First Cohesion Fund project in Motorways of the Sea,

Alternative Fuels Blending: LNG & Electricity



Electro-Mobility



FSRU installation in Cyprus: will unlock the potential for cheaper electricity

- Gas 2 Power
- Emissions reduction
- New energy and transportation markets



Sustainable transportation:
Electric Cars

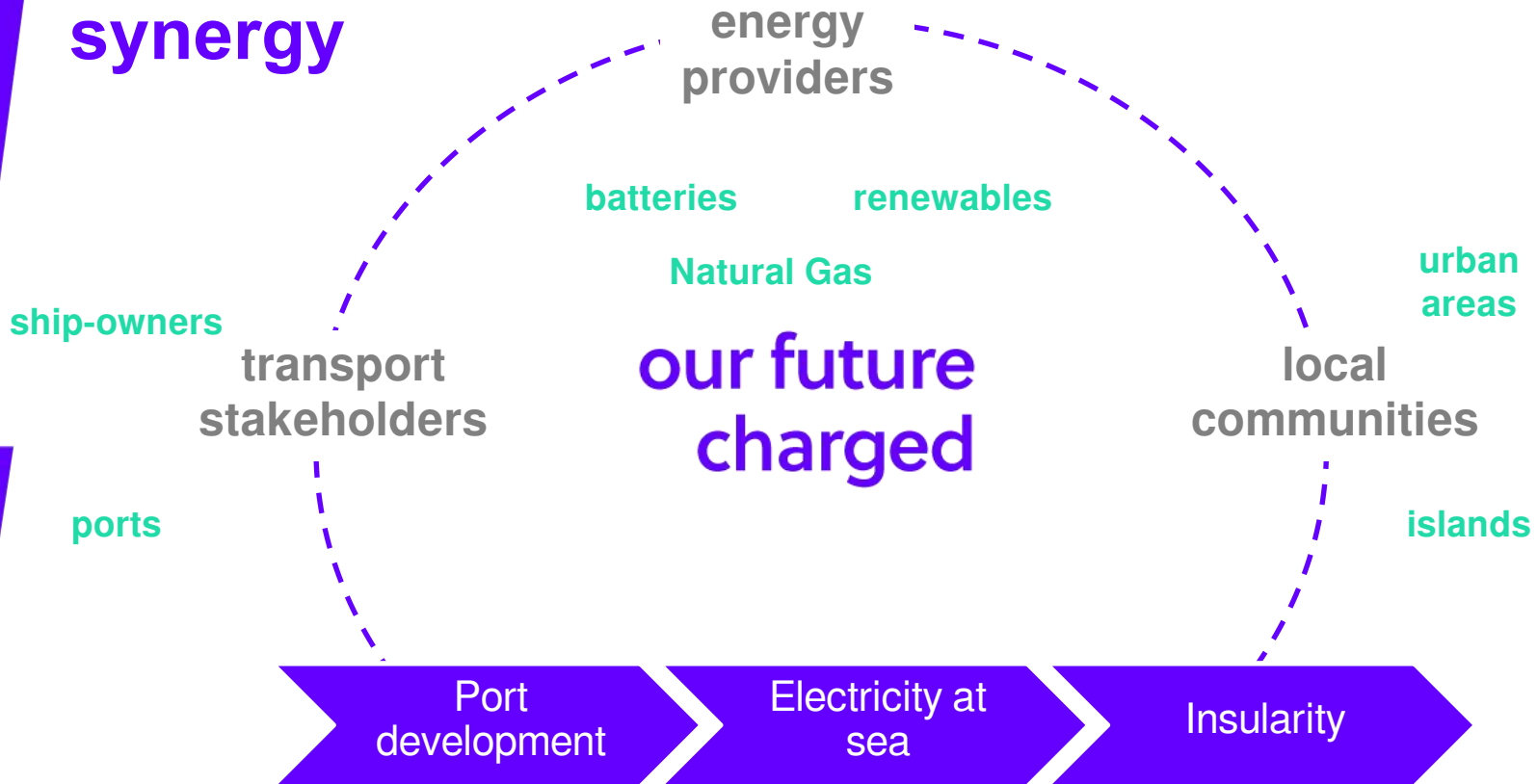
- Bigger incentives for the electric car market
- Compliance
- Clean road transportation



Sustainable shipping

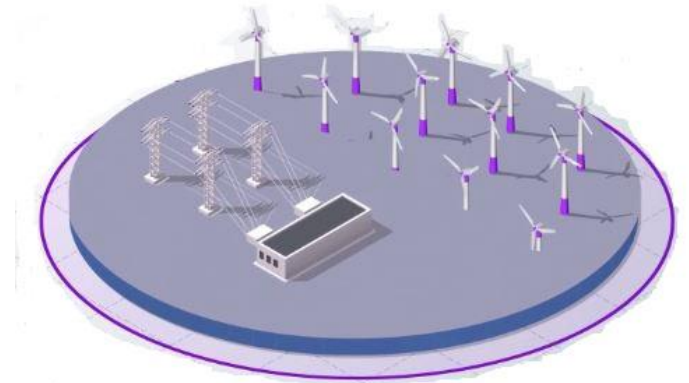
- battery-cost reduction
- hybrid technology
- Compliance
- emission-free ships
- innovative technologies
- Sea Mobility

Elemed: building cross-stream synergy



Planning ahead

- / Raise awareness over the benefits and economies
- / Electrical Infrastructure as key to port development
- / Explore & Create more synergies, on land electrification
- / Instigate investment today benefit from a smoother transition



elemed

our future
charged

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Thank you



Lloyd's
Register



Co-financed by the European Union
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