

MOU2



Friday
9th
JULY
 09:30 – 12:30
 CEST



**EUSAIR INVESTMENT IN SKILLS AND EDUCATION:
 WHICH ROADMAP FOR A MORE SUSTAINABLE BLUE
 ECONOMY IN THE ADRIATIC-IONIAN REGION?**



Transforming the Port of Piraeus into a next generation port

Dimitrios Spyrou
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In cooperation with



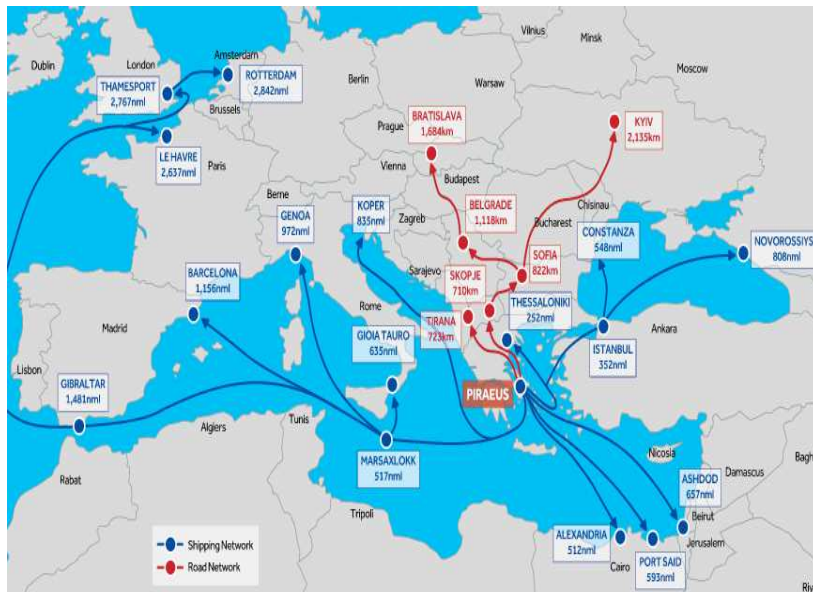
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THE PORT OF PIRAEUS IN NUMBERS



- Strategic position of PPA and its distance from important international ports and road nodes
 - PPA serves nearly 17 million passengers per annum
 - More than 1,0 million cruise passengers,
 - Approximately 0,5 million cars with more than 70% destined for other Mediterranean countries,
 - 5,6 million containers (TEU) per annum at two terminals



MARITIME SECTOR TRANSITIONS – THE ROLE OF THE PORTS

- Diversification of the port system – change of the traditional role of the ports and the maritime sector as a whole
- Transition of ports into energy and social hubs – constituting integral part of the urban community chain
- Development of new technologies and introduction of new concepts lead to the definition of new practices
- Emerging priorities for the reduction of greenhouse gas emissions in environmental strategic planning



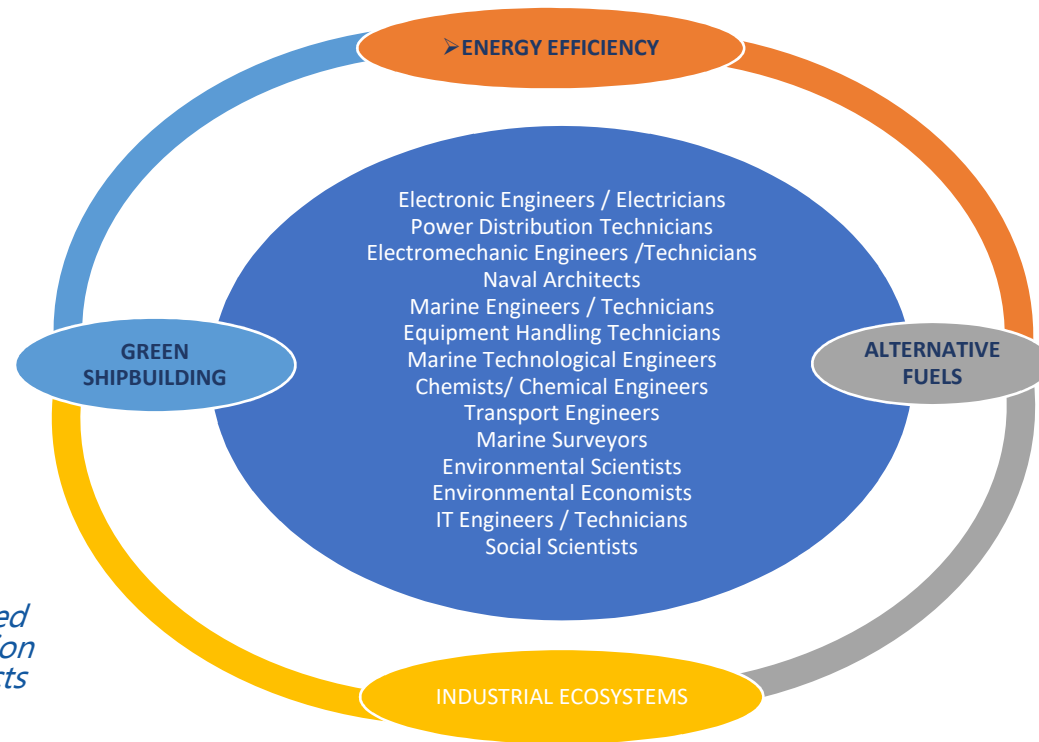
MARITIME SECTOR – IDENTIFICATION OF NEW SKILLS AND GAPS

Identification of needs

- Emerging technologies and use of alternative fuels (e.g. LNG, OPS, Hydrogen, Ammonia)
- Improve energy efficiency and optimize energy storage – Energy management systems and integration to grid network (smart grid)
- Renewable energy production through alternative sources (photovoltaics, waste treatment plants etc)
- Advanced Shipbuilding and use of new materials
- Value chains, Social coherence - participate in industrial ecosystems / create industrial symbiosis



MARITIME SECTOR TRANSITIONS – THE NEED FOR NEW SKILLS



Indicative List as identified during the implementation of green and blue projects



CONCLUSIONS

- Need for provision of cost-effective and competitive facilities and services with small impact on the environment
- The port's complexity of activities and the emerging era of environmental sustainability results in the emergence of new professions
- Blue economy is an asset – however its sustainable development is characterized by technical, operational, financial complexity
- Business, education and training should create a joint force to tackle the need globally
- Need for formation of EU and national strategy to introduce and support creation of jobs and new professions



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Thank you for your attention!

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