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**IMPACT**

- Reduction and mitigation of environmental impact of port activities
- Reduction of operational and infrastructural costs
- Improvement of logistics efficiency
- Better integration of the port in the surrounding socio-economic area
- Enhancement of city-port relations and smart development of Port Cities
- Large scale adoption of the PIXEL solution and approach

**PEI**

An integrated single metric (to be standardized) for assessing the environmental impact of ports

**USE CASES**

**PORT OF BORDEAUX**

Port, as an energy integrated operator, leverages PIXEL to predict and control the energy demand

**PORT OF MONFALCONE**

Operational harmonisation in hinterland transport. Port and multimodal nodes integration optimization

**PORTS OF PIREUS AND THESSALONIKI**

Data interchange among region entities. Accessibility and synchronization with mobility services between different ports

**PIXEL**

- Focused on small-medium ports innovation
- Ambitious real use-cases
- Powered by IoT
- Combination of technology and methodology

**www.pixel-ports.eu**