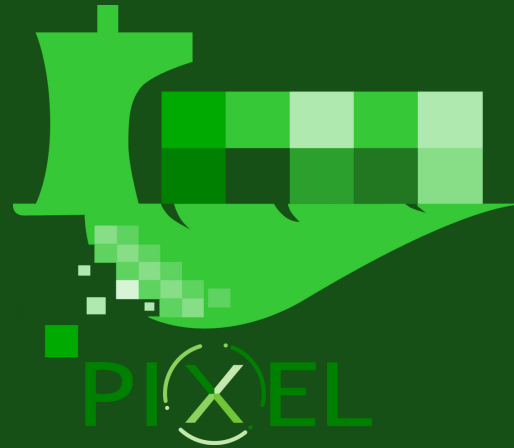


Project partners



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



CALL ID.: MG-7-3-2017

GA: 769355

DURATION: 36 months

START DATE: 01-May-2018

BUDGET: 4.890.222,50 €

COORDINATION:

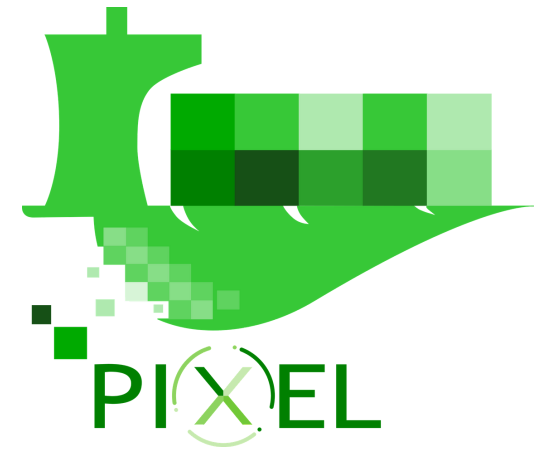
Universitat Politècnica de València

Prof. Carlos E. Palau

coordinator-pixel-ports@pixel-ports.eu



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Port IoT for Environmental Leverage

EC Horizon 2020 Research and Innovation Action



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



PIXEL is the first solution for port ecosystems enabling optimization of operations while reducing environmental impact

Focused on small-medium ports innovation

Ambitious real use-cases

Powered by IoT

Combination of technology and methodology

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

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