

GREEN PORT FOR SUSTAINABLE CITY AND SHIP INDUSTRIES

*Towards a zero carbon marine
logistics chain*



Green Marine GreenTech
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Digital and environmental transformation of ports

PIXEL (European project : <https://pixel-ports.eu>)



- PIXEL is the first smart, flexible and scalable solution for **reducing** environmental impacts
- Optimization of operations in port ecosystems through **IoT**
- A **Port Environmental Index (PEI - single composite indicator)** to quantify impacts in ports
- The exploration of **energy self-consumption** for treatments of ships

