



COREALIS is developing an **innovative framework** for assisting cargo ports in handling their upcoming and **future capacity**, traffic, efficiency and environmental challenges. It is benefitting from **disruptive technologies**, including Internet of Things (IoT), data analytics, next generation traffic management and emerging 5G networks.



COREALIS is implementing beyond state of the art, **financially viable innovations** for future ports. These will **optimise** the port **land use**, requiring **minimum infrastructure upgrades**, while at the same time **respect circular economy** principles and **improve** the urban **life quality**. The innovations will be implemented and tested in real operating conditions in **5 Living Labs** (Piraeus, Valencia, Antwerp, Livorno and Haminakotka ports).



COREALIS is expected to achieve a significant **reduction of both CO₂** port emissions & noise. It will also **reduce operational port costs** (congestion, waiting and idle times), and establish more efficient connections with the **hinterland transport network**, improving the **modal split** to rail and **inland waterways**.



"COREALIS project has received funding from the EU's H2020 research & innovation programme under Grant Agreement no. 768994. The content of this material reflects only the authors' view and the European Commission is not responsible for any use that may be made of the information it contains."



CONSORTIUM



PROJECT INFORMATION

Project Name:
COREALIS (Capacity with a positive environmental and societal footprint: Ports in the Future era)

Project Duration:
36 months (starting on 1 May 2018)

EC Funding: 5,150,40.00 €

Project Coordinator:
Angelos Amditis, ICCS, a.amditis@iccs.gr

Join COREALIS



TOWARDS THE PORT OF THE FUTURE





COREALIS INNOVATIONS PALETTE

