



COREALIS
THE PORT OF THE FUTURE

Capacity with a
pOSitive enviRonmEntal
and societ AL footpr Int:
port S in
the future era



ANTWERP



VALENCIA



HAMINAKOTKA



PIRAEUS



LIVORNO

COREALIS INNOVATIONS PALETTE

ANTWERP LIVORNO VALENCIA
HAMINAKOTKA PIRAEUS



TRUCK APPOINTMENT SYSTEM (TAS)
(a reservation system including real time traffic data)



MARKETPLACE & CHASSIS BROKERAGE PLATFORM
(A Cloud based marketplace for leasing and exchanging intra-port assets)



PORTMOD
(an optimization planning/modelling tool for Container Terminal operations)



RTPORT
(A model-Driven Real-Time control module supporting 5G smart terminal operations)



PREDICTOR / ASSET MANAGEMENT
(an optimization, machine learning tool for efficient use of port assets)



CARGO FLOW OPTIMISER
(an optimization tool for ocean/rail/inland-waterway cargo flows)



PORT OF THE FUTURE SERIOUS GAME
(a simulation tool for decision making)



GREEN COOKBOOK - JUST-IN-TIME (JIT) RAIL SHUTTLE SERVICE
(a feasibility study for key port-hinterland corridors)



GREEN COOKBOOK - ENERGY ASSESSMENT FRAMEWORK
(a cost benefit analysis and roadmap for reducing port's environmental footprint)



INNOVATION INCUBATOR
(a scheme making the port the epicenter of the local industrial landscape)

Visit us on:



Follow us on:



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: 5,150,540.00 €

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



"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."

