2ND ANNUAL CANADA-ITALY BUSINESS FORUM ON + ARTIFICIAL INTELLIGENCE

DIGITAL EDITION



The Port of Ravenna, The gateway to Northern Italy and Central Europe

Ravenna, November 19 2020

RAVENNA PORT: KEY FIGURES

Port canals length	14,0 km
Operational quays	14,5 km
Current max depth	11,5 mt
Number of Berths	100

Private port terminals	27
Yards	1,350,000 sqm
Storage tanks	1,300,000 cum
Warehouses	600,000 sqm
Port Railways network	35 km

Port Infrastructures

RAVENNA PORT: GLOBAL RESULTS



Italy

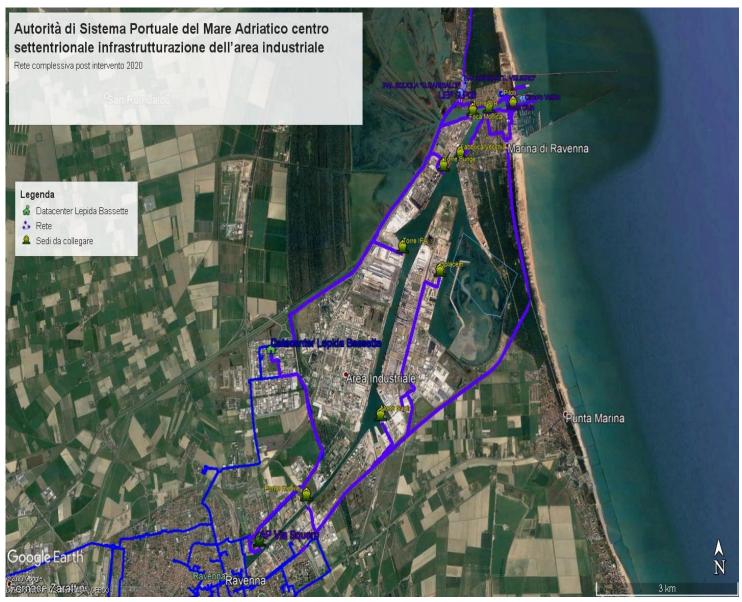
Source: Assoporti (2019)

- 1st in handling of general cargo
- 1st in handling of solid bulk cargo
- 6th for total throughput



ICT SERVICES FOR THE PORT COMMUNITY

Overall fiber system in the area, wholly state-owned



ICT SERVICES FOR THE PORT COMMUNITY

Memorandum of Understanding with the Italian Customs Agency for the: DIGITALIZATION OF CUSTOMS PROCEDURES AT THE RAVENNA PORT

- Customs clearance at sea (CTS and
- Bulk)
- Customs controlled Corridor
- Customs Single Window
- Gates automation





Pilot studies to improve nautical accessibility and nautical safety through the implementation of navigation aids based on geo-localisation, high precision cartography and real time AIS data sharing





ICT SERVICES FOR THE PORT COMMUNITY

PORT COMMUNITY SYSTEM

A Port Community System is not an IT project, but a project managing change " J. Gallardo - Portic Barcelona

A neutral and open electronic platform that allows an intelligent and secure exchange of information between its various public and private operators aimed at improving the efficiency and competitiveness of the Port Community.

It optimizes, manages and automates port processes through single data entry and connecting the processes between them.

It guarantees the connection with the Customs, Maritime and Port Authorities and, in the future, with other public operators.



PORT MONITORING SYSTEM

- enhancement of the canal monitor
- connection with the national AIS network and certified ship registry
- integration with weather stations
- ETA dynamic update
- multi-channel notifications
- increase info per ship
- information on facilities and terminals
- calculation of ship emissions in port







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Autorità di Sistema Portuale del Mar Adriatico Centro Settentrionale

Port of Ravenna

www.port.ravenna.it

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