

Vamp uP

Vado Multimodal Platform Intermodal
Connection Optimization and Upgrading



Environmental Sustainability: ongoing European initiatives in the Ports of Genoa

Genoa, 29 October 2020





- ✓ First gateway port in Italy and sixth gateway port in Europe
- ✓ Premier Mediterranean gateway to the major consumer centres in Europe
- ✓ Consolidate their leadership thanks to the underway investments in maritime and inland infrastructures

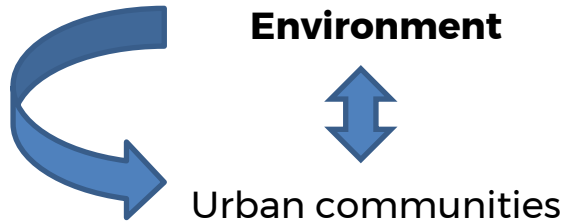
But there is still much work to be done!





Looking ahead we have some key challenges to be faced:

- ✓ Infrastructure completion
- ✓ Public acceptance:





Ports of Genoa's Energy and Environment Masterplan (legislative decree 169/2016)

Main works planned in the short/medium term

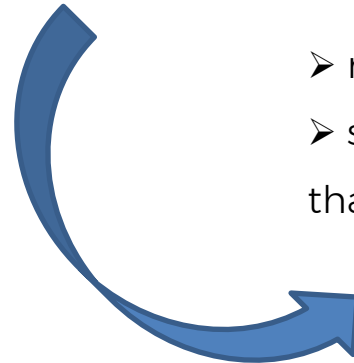
- ✓ EU CEF co-financed “Cold Ironing” Terminal Container Genova Pra’- INES Project (estim. end 2021)
- ✓ EU Interreg co-financed mobile LNG refueling stations - “GNL FACILE” Project (estim. end 2021)
- ✓ Installation of photovoltaic systems on the roofs of all the port buildings in the Ports of Genoa/Savona-Vado (estim. end 2022)
- ✓ Energy efficiency interventions and photovoltaic system installation Stazione Marittima (cruise terminal - Port of Genoa, estim. end 2021)
- ✓ Smart grid - Port of Savona



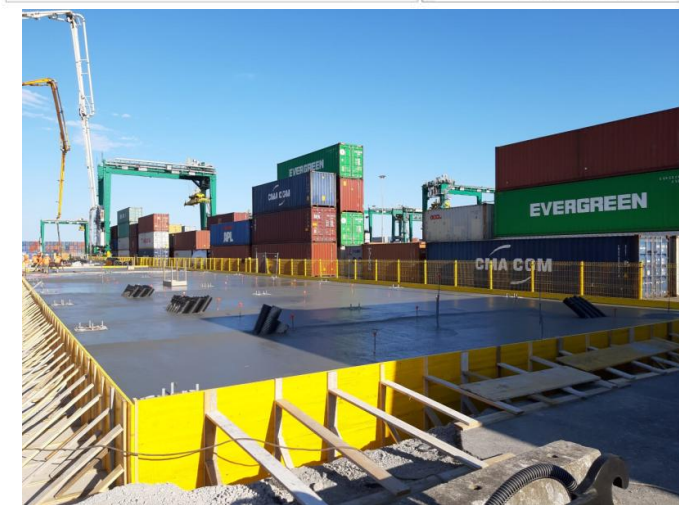
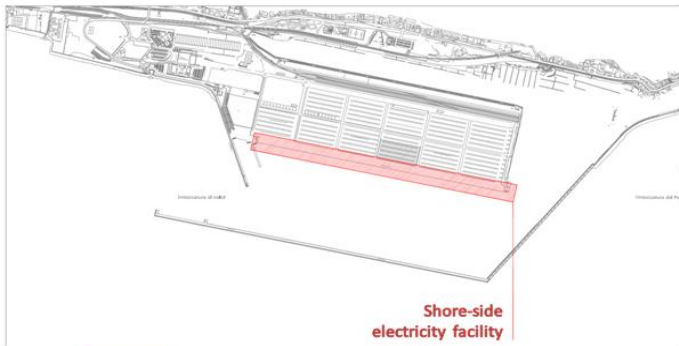


COLD IRONING

- ✓ Ships repairs currently underway and almost completed
- ✓ Pra' container terminal currently underway and almost completed
- ✓ Cruise terminals start up phase
- ✓ Savona-Vado cointainer terminal start up phase



- reduction of air pollutants and noise
- satisfaction of the urban communities that live really close to the port area



- ✓ Cold ironing
&
✓ Separation dunes between the port and the city



Complementary and synergic works
for the benefit of the environment and of the
residents of this area



Co-financed by the European Union
Connecting Europe Facility





4 x ship berths

2 x 6 MW, 6.6 kV 60 Hz frequency converters

Approx. 12 mln Euro Investment

20% CEF co-funded



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Coordinated by the Northern Tyrrhenian Sea Port Authority (Ports of Livorno, Piombino, Portoferraio Rio Marina and Capraia)

The Western Ligurian Sea Port Authority and the Sardinia Sea Port Authority, the Chamber of Commerce and Industry of Var and the Corsica Transport Office are partners

Pilots actions with mobile LNG refueling stations

Total budget approx. 2,5 mln euro - 85% covered by ERDF



Coordinated by the University of Cagliari-CIREM

Var Chamber of Commerce, Maremma and Tyrrhenian Sea Chamber of Commerce, Northern Tyrrhenian Sea Port Authority, Western Ligurian Sea Port Authority, Eastern Ligurian Sea Port Authority, Bastia and Haute-Corse Chamber of Commerce

Pilot actions to improve port waste and waste water disposal and the quality and quantity monitoring system of the waste

Total budget approx. 2 mln euro - 85% covered by ERDF



Coordinated by Liguria Region

Corsica Transport Office, University of Genoa, Western Ligurian Sea Port Authority, Northern Tyrrhenian Sea Port Authority, University of Pisa, Sardinia Sea Port Authority, Métropole Nice Côte d'Azur are partners

Reduction of noise pollution in the Maritime cooperation space – complementary and synergic to the cold ironing and the separation dunes in Prà

Total budget approx. 2 mln euro - 85% covered by ERDF



MARITTIMO-IT FR-MARITIME





CONCLUSIONS



- ✓ The Ports of Genoa show high growth traffic rates, have implemented important infrastructure investments for larger vessels and are very attractive at international level
- ✓ Huge investments and works are underway in particular along the Rhine - Alpine Corridor improving capacity, quality of service and environmental impact
- ✓ The size, the technical characteristics, the maritime services and location of the Ports of Genoa along the Rhine - Alpine Corridor are strategic to maintain and improve the competitiveness of the European import-export

However, environmental (urban and social!) sustainability is a key challenge for us, to face also thanks to the European vision



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Thank you

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