









At the crossing point between the Mediterranean Corridor and the Rhine-Alpine Corridor of the TEN-T Network

Connection to:

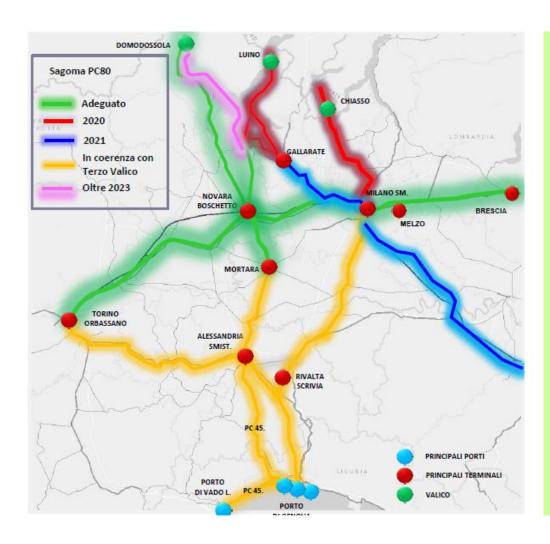
- International alpine transit (Modane, Sempione-Lötschberg, Luino-Gotthard);
- Ligurian port system;
- Milan metropolitan area.











Mortara junction is located on the Ligurian ports – Lötschberg tunnel – Gotthard Tunnel railway route.

The loading gauge from Mortara northbound is P/C 400 – P/C 80, the maximum allowed in Europe.

Soon it will be upgraded also sourbound to Ligurian ports with the opening of the tunnel called "Terzo Valico"





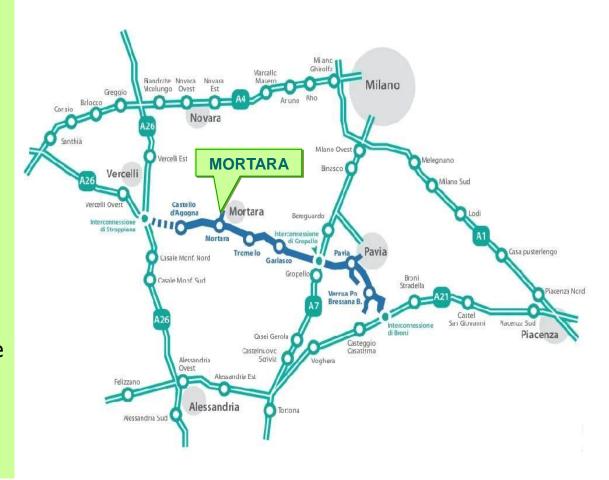


Connection to:

- highways nr. A4, A7 and A26 through the motorways network;
- the planned regional highway Broni-Pavia-Mortara.

Improved infrastructures:

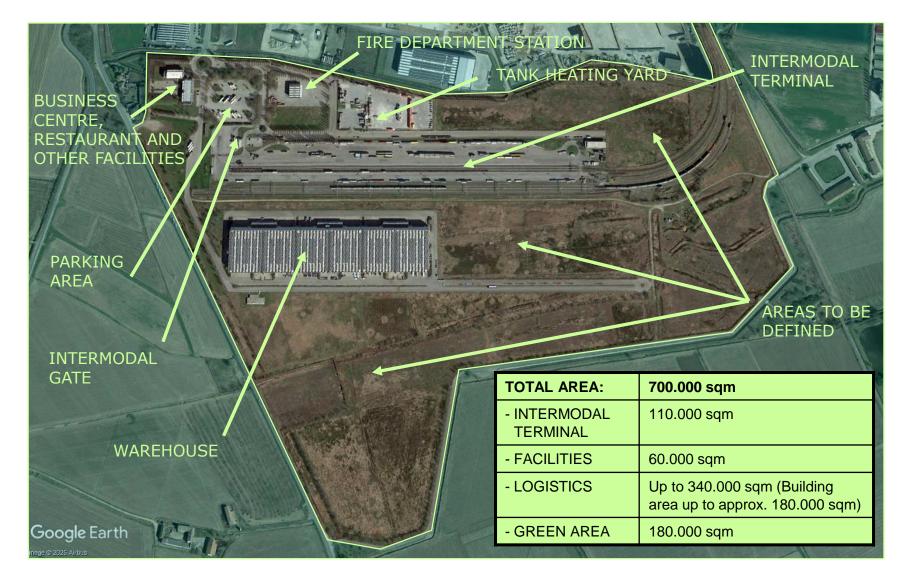
- road widening and implementation of security condition of the former SS596 eastbound;
- completion of Mortara bypass northbound.







MORTARA INTERMODAL TERMINAL The freight village layout









Intermodal Area of 110.000 sqm

3 handling tracks 650 m long

4 arrival / departure electrified tracks 650 m long

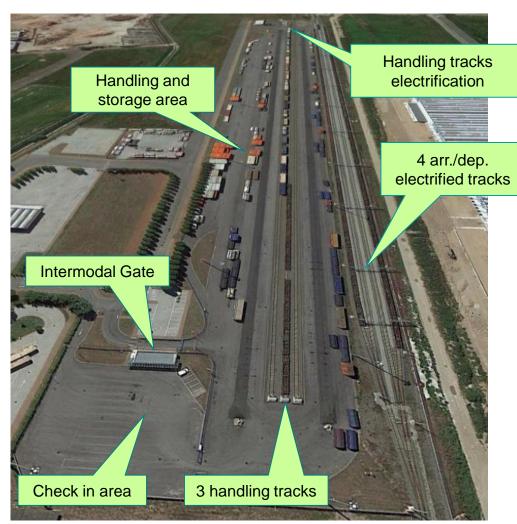
Current loading gauge (gabarit) P/C 80 - P/C 410

Max axle load 22,5 ton/axle (D4L)

Substructure equipped for the use of rail mounted **gantry cranes**

Arrivals/departures of trains directly to/from the terminal

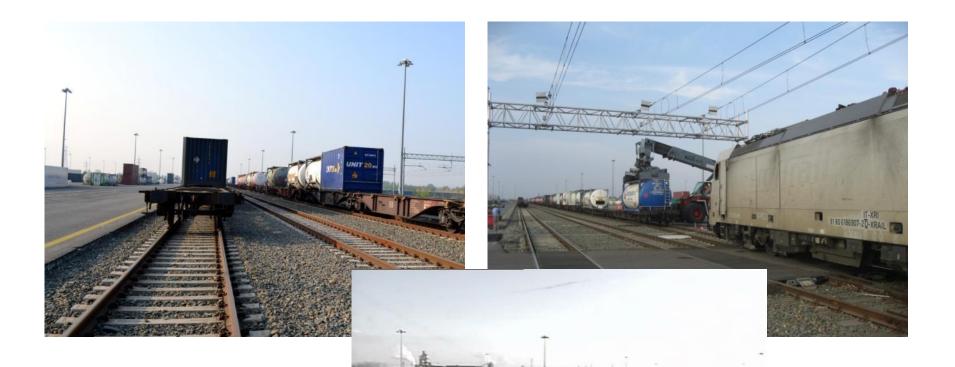
Monitored area endowed with technologically advanced **antiintrusion** systems







MORTARA INTERMODAL TERMINAL Intermodal terminal – main features



Terminal: 3 handling tracks 650 m long, partially electrified









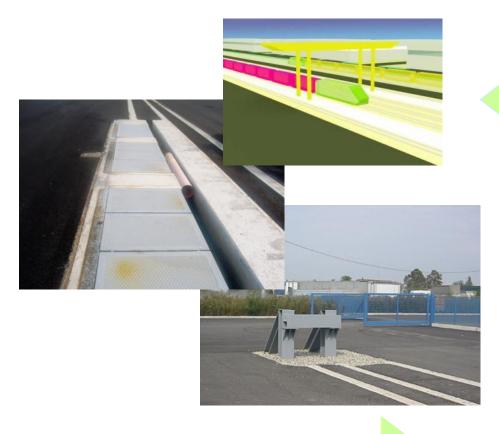
Arr./dep. yard: 4 electrified tracks 650 m long











Substructure equipped for the use of rail mounted gantry cranes

Anti-intrusion System







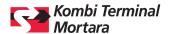






Check-in / check-out











Tank heating

Fire Brigade





Business Center

Hotel & Restaurant







MORTARA INTERMODAL TERMINAL Logistic areas – main features







Eco-sustainable warehouse with features at the highest level

- 12 m high-bay storage areas
- Several loading / unloading docks
- Zenithal day-lightning and ventilation according the industrial rules (more severe than logistic ones)
- Isolation according the industrial rules (more severe than logistic ones)
- Roofs equipped with solar panels
- Recycling of rain water for irrigation
- Great care of the landscape and environmental impact.









21st November 2009 Inauguration day

10 days

1st December 2009

1° train and start up







2009

Terminal inauguration First train to Rotterdam

2010

New Y-shuttle Mortara-Venlo-Rotterdam



2011

Test train Mortara-Savona

2012

New train Mortara-Krefeld



2013

New train Mortara-Gent

2014

Test train Mortara-Marseilles







2017

Test train Mortara-Chengdu

2018

New train Mortara-Marseilles

Test train Mortara-Xi'an

New Y-shuttle Mortara-Kaldenkirchen-Krefeld



2019

New company train Mortara-Paris



2022

New train Mortara-Venlo

2023

New train Mortara-Bari Giovinazzo New train Mortara-Duisburg







Terminal figures

Equipment:

- 5 reach stackers
- 2 shunting locomotives

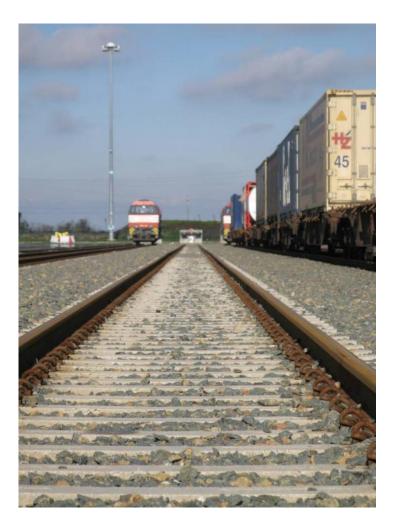
Average volumes

- 50.000 ILU/yer
- 1500 trains/year

Terminal capacity

- 6 train pairs / day
- 65.000 ILU / year

(*) ILU = Intermodal Loading Unit









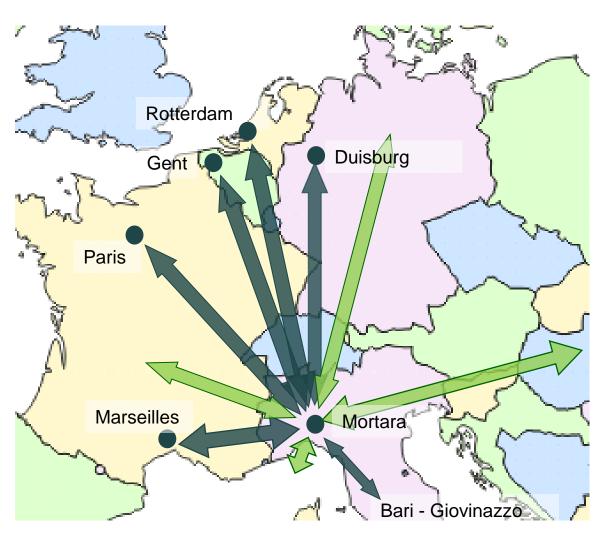
Existing traffic

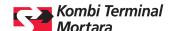
- Rotterdam 3 rt / week
- Duisburg 5 rt / week
- Gent 5 rt / week
- Bari 3 rt / week
- Marseilles 1 rt / week
- Paris (ct) 1 rt / week



Plans for future development

(*) rt = roundtrip (**) ct = company train







MORTARA INTERMODAL TERMINAL Intermodal terminal – expansion plan

Intermodal Area up to 200.000 sqm

3 + 1-2 new handling tracks up to 750 m long

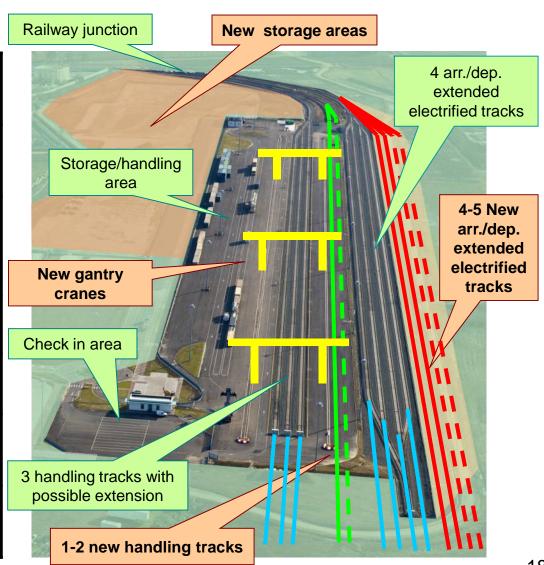
4 + 4 new **arrival/departure** electrified tracks up to **750 m** long or 4 electrified tracks + 2 new handling tracks and handling area.

Loading gauge (gabarit) up to P/C 80

New rail mounted gantry cranes

Additional **storage areas** (about 60.000 sqm)

New **terminal capacity**: up to 10-12 pairs train/day, 130.000 ITU/year







MORTARA INTERMODAL TERMINAL Intermodal terminal – our vision

A new gateway
between
Italy
and
Northern Europe

