



# EIB Project examples along ScanMed & EIB financing under “Invest EU”

TEN-T ScanMed Core Network Corridor Meeting  
24 June 2021 (online)



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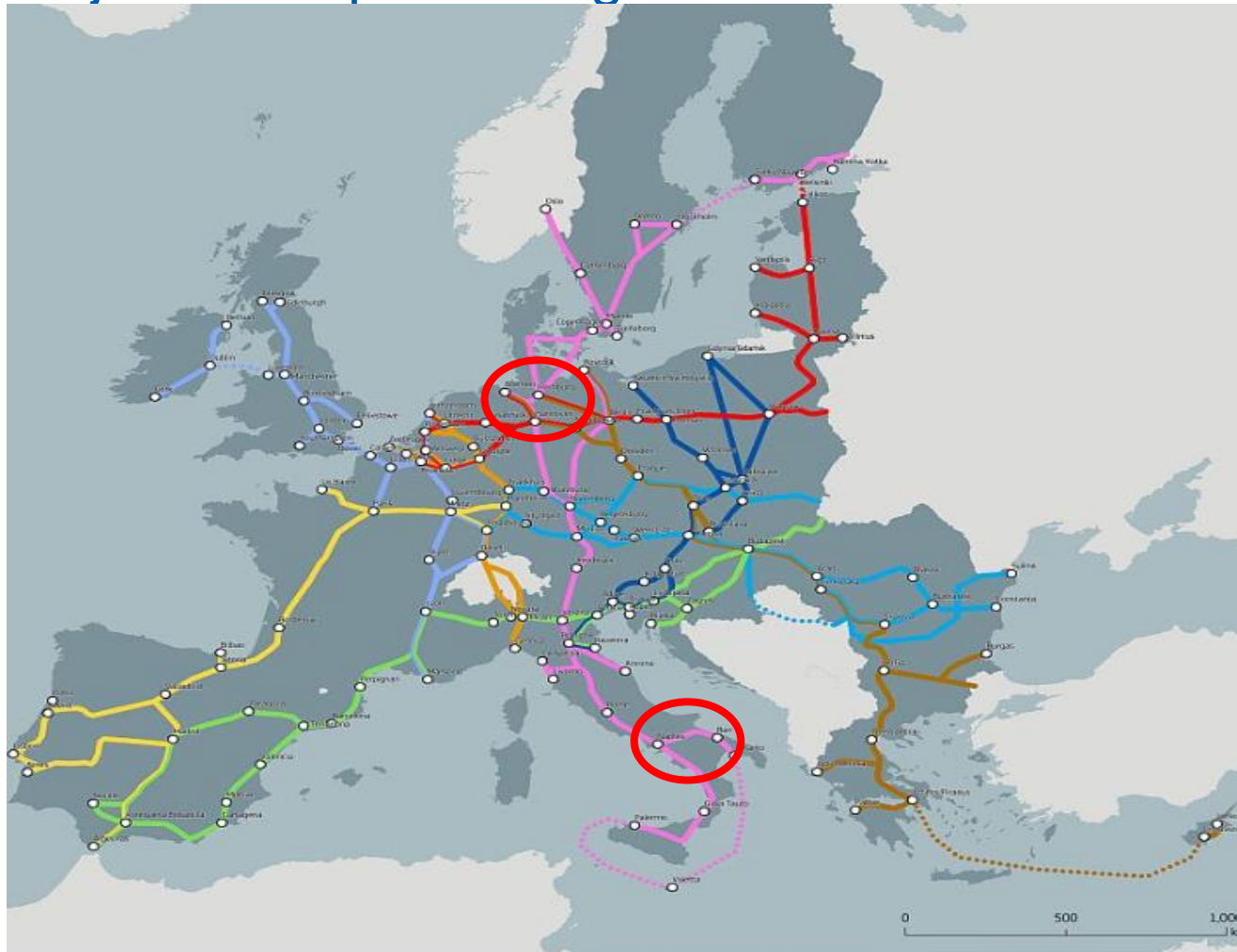
European Investment Bank



- EIB Project examples along ScanMed
  - HAFENINFRASTRUKTUR HAMBURG TEN including the new Kattwyk railway bridge
  - RFI HIGH SPEED RAIL NAPOLI-BARI
  
- EIB financing under “InvestEU”



# EIB Project examples along ScanMed



## Core Network Corridors

- |                        |                                  |                               |
|------------------------|----------------------------------|-------------------------------|
| A (Baltic - Adriatic)  | D (Orient/East-Med)              | G (Atlantic)                  |
| B (North Sea - Baltic) | E (Scandinavian - Mediterranean) | H (North Sea - Mediterranean) |
| C (Mediterranean)      | F (Rhine - Alpine)               | I (Rhine - Danube)            |





Luxembourg, 10<sup>th</sup> May 2017

Projects Directorate  
Mobility Department

Contact Person:  
Team Member:  
Supervisor:  
ENVAG:

Operation nr.: 2015 0842

## APPRAISAL REPORT HAFENINFRASTRUKTUR HAMBURG TEN

GERMANY



cc: [According to distribution list](#)



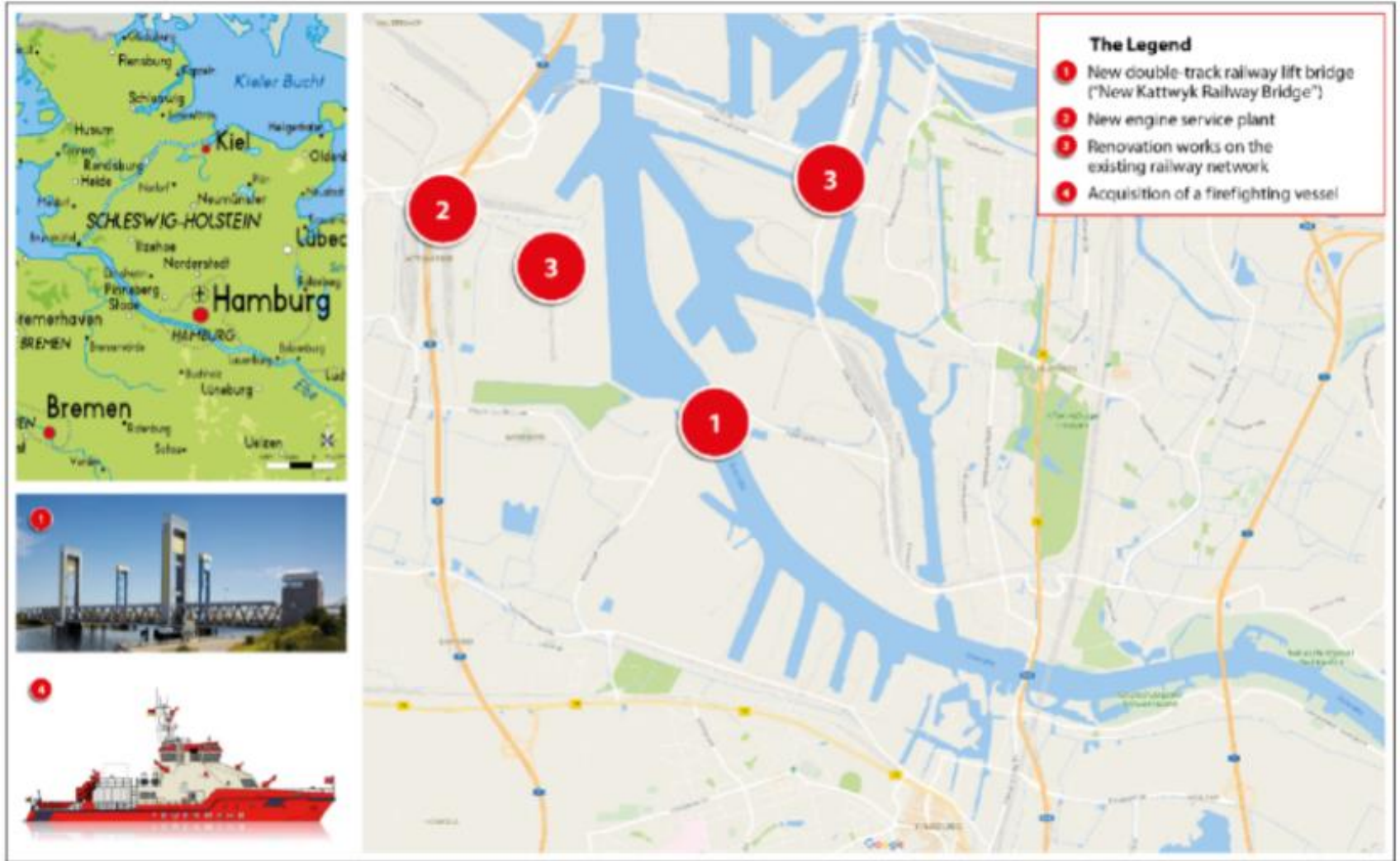


- Main project components:
  - the construction of a new double-track railway lift bridge (“New Kattwyk Railway Bridge”) replacing the road/rail lifting bridge built in 1973; increasing the capacity for the daily number of train movements from 30 to 100
  - the construction of a new engine service plant;
  - renovations across the existing railway network inside the port;
  - the acquisition of a new-built firefighting vessel
- Promoter/Borrower: Hamburg Port Authority
- Project cost 340 m€, EIB loan 150 m€
- Approval in 2017, Investment period 2014-2020





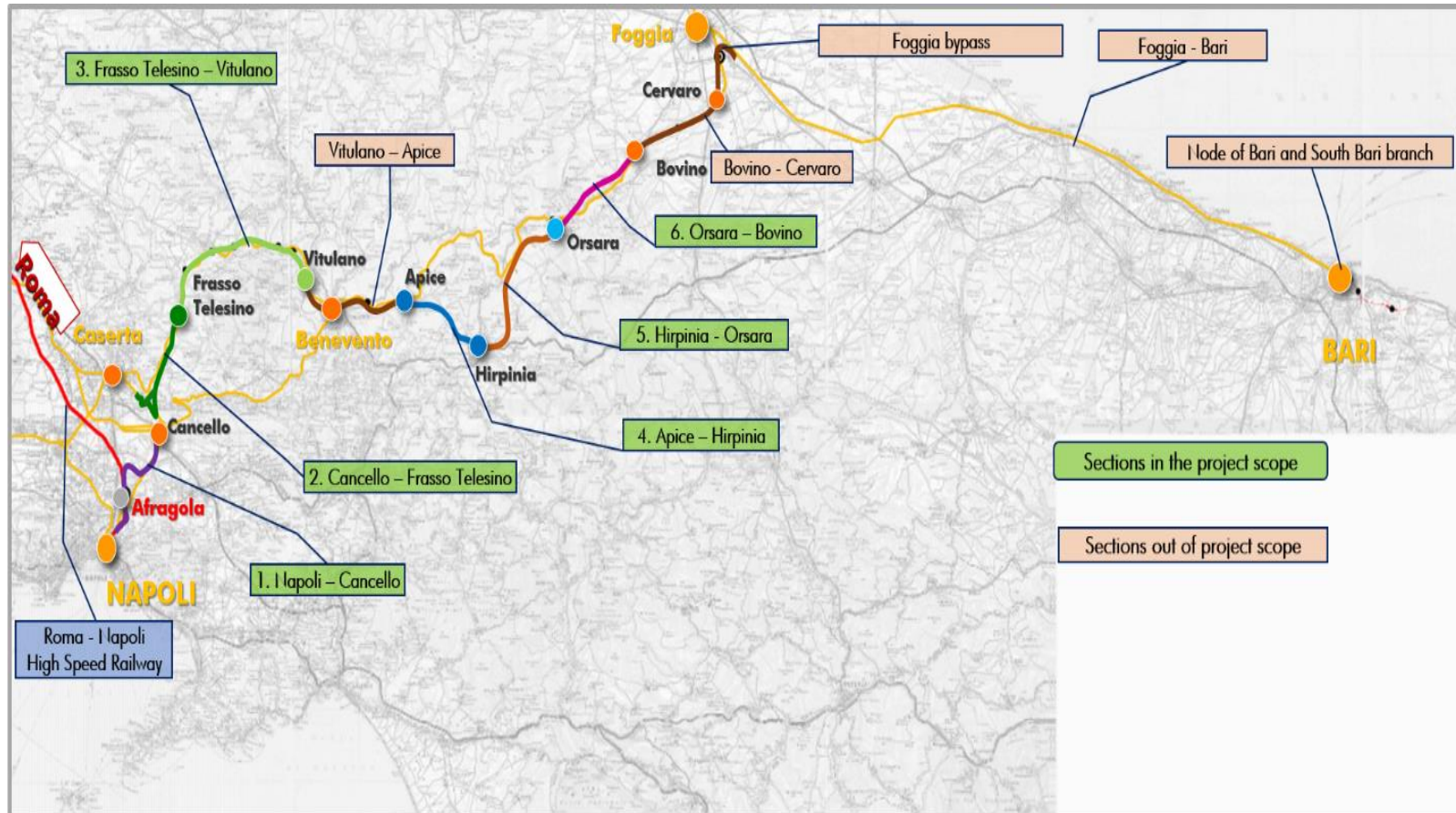
# Project: HAFENINFRASTRUKTUR HAMBURG TEN – Germany



European Investment Bank Graphic Team 3079 Schäferstr. 1, 04251 11/2016

20150842

# RFI HIGH SPEED RAIL NAPOLI-BARI





## ❖ Project description:

- ❖ The project entails upgrading and doubling of 121 km of railway line, which are part of the 215 km Napoli-Foggia line, located on the Napoli-Bari railway corridor (311 km). The works will deliver increase of line capacity, maximum design speed to 200 km/h and construction of 5 new stations and 9 new stops
- ❖ Promoter/Beneficiary: Rete Ferroviaria Italiana Spa (RFI)
- ❖ Borrower: Repubblica Italiana
- ❖ Project cost 6300 m€, EIB loan 2000 m€
- ❖ Approval in 2020, Investment period 2016-2027





# RFI HIGH SPEED RAIL NAPOLI-BARI



Section no.	Sections in project scope	Section name	IN/OUT of project scope	Type of works
I	1	Napoli-Cancello (15.5 km)	IN	Doubling of existing single track line and construction of 1 station and 2 stops - <b>in project scope</b> -
II	2	Cancello-Frasso Telesino (16.5 km)	IN	Doubling of existing single track line and construction of 1 station and 1 stop - <b>in project scope</b> -
III	3	Frasso Telesino-Vitulano (30 km)	IN	Doubling of existing single track line and construction of 1 station and 4 stops - <b>in project scope</b> -
IV		Vitulano-Apice	OUT	Doubling of the line completed and in operation since December 1997 <b>- not part of the project scope -</b>
V	4	Apice-Hirpinia (20.3 km)	IN	Doubling of existing single track line and construction of 1 station and 1 stop - <b>in project scope</b> -
VI	5	Hirpinia-Orsara (27.1 km)	IN	Doubling of existing single track line and construction of 1 stop - <b>in project scope</b> -
VII	6	Orsara-Bovino (11.8 km)	IN	Doubling of existing single track line - <b>in project scope</b> -
VIII		Bovino-Cervaro	OUT	Doubling of the line completed and in operation since June 2017 <b>- not part of project scope -</b>
IX		Foggia by pass	OUT	Construction of the single track by pass of Foggia Central Station, completed and in operation since July 2015 <b>- not part of project scope -</b>
X		Foggia-Bari	OUT	Not in need of infrastructure upgrading because the alignment is already double track. Technological modernisation foreseen under the Adriatic Corridor modernisation project <b>- not part of project scope -</b>





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## EIB financing under “InvestEU”

- ❖ InvestEU is the EU's flagship investment programme aimed at kick-starting the European economy. It will mobilise public and private investment increased the risk-bearing capacity through an EU budget guarantee of €75 billion. The EIB group will be implementing 75% of the overall project volume.
- ❖ InvestEU is a continuation of EFSI, it is expected that financing will be available for sustainable transport projects, in particular for TEN-T infrastructure and Cleaner, Safe and Smart Mobility including freight transport services, rail rolling stock, and deployment of alternative fuels.
- ❖ Details of InvestEU eligibilities and conditions are under finalization.





- ❖ Share of EIB lending for rolling stock increased from 33% in 2017 to 60% in 2020 (in terms of loan amounts signed – visible effect of liberalisation in the sector, more variety in terms of project promoters.
- ❖ Operations with private entities, in particular new entrants, may be expected under InvestEU.
- ❖ High-risk deployment of alternative fuels infrastructure, first phases of commercial rolling out of innovative technologies, including H2 rolling stock/fleets and related infrastructure and mobile assets are targeted.





## (Former) CEF Transport Blending Facility ERTMS grant level (unit contribution)

Outputs	Activities	Sub-activities	Categories of vehicle / track-side components	Sub-categories	Unit Contribution (k€)
<b>On-board ERTMS B3 equipped vehicle</b>	Retrofitting of vehicle	Prototype	International	/	900
			National	/	450
		Serial	International	/	110
			National	/	80
	Upgrade of vehicle	Prototype	International	/	600
			National	/	350
		Serial	International	Software	18
			National	Software	15
			International	Software & hardware	55
			National	Software & hardware	55
Fitment of vehicle				25	
<b>Track-side 1 double track km equipped</b>	Deployment	ETCS & associated upgrade costs		90	
		GSM-R		20	
		Interlockings		80	
	Upgrade	/		20	

On-board: fitment, retrofit or upgrade of vehicles with ERTMS **baseline 3**

Trackside: ERTMS **B3** installation or upgrade, and associated works on interlockings





# THANK YOU

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