

# TEMPLATE

## Output factsheet: Strategies and action plans

Version 1

<b>Project index number and acronym</b>	CE1044 TalkNET
<b>Lead partner</b>	North Adriatic Sea Port Authority
<b>Output number and title</b>	O.T1.7.1 Action plans - Trieste (NAPA)
<b>Responsible partner (PP name and number)</b>	Autorità di Sistema Portuale del Mare Adriatico Orientale PP2
<b>Project website</b>	<a href="http://www.interreg-central.eu/Content.Node/TalkNET.html">www.interreg-central.eu/Content.Node/TalkNET.html</a>
<b>Delivery date</b>	01/2020

## Summary description of the strategy/action plan (developed and/or implemented)

Concerning multimodality and last mile connections, the Port of Trieste has identified the following actions to be taken in the next few years:

- 1) Upgrade the railway (last mile) infrastructures through the implementation of the Global project:
  - a. Upgrade of the railway last mile connection in Campo Marzio station;
  - b. Infrastructural upgrade for the reactivation of the railway line connecting Aquilinia station to Campo Marzio;
  - c. Upgrade of the existing infrastructure and new railway station at Scalo Legnami. Although for this action no financial provision has been made, it is the most important in the long term, since it would serve the new “Logistic Platform” to be inaugurated at the end of 2019 and the new Pier no. 8, to be constructed by 2025;
  - d. Infrastructural and technological upgrade of the port marshalling yard connecting Piers no. 5, 6 (RoRo transport) and 7 (containers) to Campo Marzio Station and then to the national railway lines.
- 2) Extend the scope of the Port Community System:
  - a. Extension of the PCS to the Port of Monfalcone and, in the long term, with Porto Nogaro;
  - b. Development of EDIs with the RRTs of Cervignano, Gorizia and Pordenone;
  - c. Development of EDIs with foreign RRTs;
  - d. Development of EDIs with the RUs serving the Port of Trieste;
  - e. Testing blockchain technologies.

As regards eco-innovation, the Port of Trieste has identified several actions concerning the adoption of alternative fuels and energy efficiency, among which:

- f. Replacement of refrigeration plant in the Torre del Lloyd
- g. Automatic temperature adjustment system in the Torre del Lloyd
- h. Replacement of heating system in the Torre del Lloyd
- i. Replacement of doors and windows in the Torre del Lloyd
- j. Installation of LED lightning in the Torre del Lloyd
- k. Installation of photovoltaic system on the rooftop of Torre del Lloyd and neighbouring buildings
- l. Energy efficiency planning for the building in via Svevo
- m. Installation of LED lightning in the port areas
- n. Installation of charging stations for electric cars
- o. Purchase of electric cars
- p. Purchase of electric boat
- q. Cold ironing facility

## NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

Country (NUTS 0): IT // Region (NUTS 2): ITH4, Friuli-Venezia Giulia // Sub-region (NUTS 3): ITH44, Trieste

The analysis carried out by the Port of Trieste within the TalkNET project represents an effective step forward on the multimodality and energy efficiency innovations related challenges for the overall transport sector at local and regional level. At the same time, having regard to the core role of the Port, they are connected and relevant for the overall development of the TEN-T strategic axes pertaining to the “East Mediterranean Motorways of the Sea” and the Baltic-Adriatic and Mediterranean Corridors.

### Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

Expected benefits are the deepening and consolidating the lessons learned with all the relevant stakeholders that have been involved during the development of the analysis.

In concrete, having regard to the key issues selected for the analysis as energy efficiency and port-hinterland optimization, including challenges posed by technological and governance innovations at national and EU levels. More specifically, the identified strategies and planned investments can contribute to the benefits of all regional relevant stakeholders supporting the increase of node efficiency with positive environmental impact while ensuring the response to the National and EU regulations and directives.

### Sustainability of the developed or implemented strategy/action plan and its transferability to other territories and stakeholders

The sustainability of the developed plans and their results transferability to other territories and stakeholders is ensured on the basis of the common EU regulatory of reference which has been taken for identifying the most promising solutions in promoting interconnection of different transport modes and energy performance optimization.

### Lessons learned from the development/implementation process of the strategy/action plan and added value of transnational cooperation

The main lessons learned are related to the technical and detailed analysis conducted on cold ironing in order to effectively evaluate all the requirements needed to provide electric shore powering for ships when they are at Port' berth, including all the engineering execution aspects.

Most significantly, the TalkNET project proved essential in the cooperation with the Szczecin and Świnoujście Seaports Authority, leading to the signature of a bilateral MoU in September 2019, committing to exchanging experiences and expertise in several domains, among which multimodal transport and use of LNG as alternative fuel, even beyond the project's duration.

### References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

- D.T1.2.2 Analysis on multimodal nodes efficiency and connections - Trieste;
- D.T2.2.2 Analysis on ECO solutions deployment - Trieste;
- D.T1.5.1/D.T2.5.1 Methodology for action plans development
- D.T1.5.3 - Action plans to improve multimodal nodes efficiency and connections - Trieste (NAPA)
- D.T2.5.3 - Action plans on eco-solutions deployment - Trieste (NAPA)