

WP4 - Testing enhanced cross-border maritime and multimodal freight transport

Deliverable no. D.4.1.1 – Joint methodology for the implementation of the WP

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1. PURPOSE OF THIS DOCUMENT

Purpose of this work package is to streamline freight traffic flows between PPs at cross-border level by implementing ICT pilot actions in all ports generating intermodal and multimodal freight transport (Trieste, Venice, Ravenna, Ancona, Bari, Rijeka and Ploče) and the intermodal logistic node of Trieste, improving their role as gateways and corridor roots for the transport of goods, enhancing coordination between terminal operators, logistics operators, freight forwarders companies and public institutions (e.g. port authorities, customs agencies, public administrations)

Purpose of this document is to define methodology that will lead to implementation and evaluation of pilot actions.

2. DELIVERABLES

At the end of WP4 results will be eight pilot actions of ICT tools on the cross-border transport network (O.4.1), testing the cross-border action plan (D.3.3.3) in order to streamline transport flows in the Programme Area and support the role of ports and inland terminals as gateways, at the same time enhancing their competitiveness and productivity for supporting sustainable freight transport and modal shift of transported goods from road to rail.

Ports (LP, PP1, PP5, PP6, PP7, PP9, PP10) focus on the upgrade of their own Port Community Systems (PCSs), as they are a neutral and open electronic platform enabling intelligent and secure exchange of information between public and private stakeholders, optimising, managing and automating port and logistics processes through a single submission of data and connecting transport and logistics chains.

The intermodal logistics node of Trieste (PP3) improves multimodal operations through digital data exchange and the deployment of a new gate for inbound/outbound trains.

The results of the pilot actions will be compared during PSCs for mutual learning and further future development at cross-border level.

3. PARTNERS

Partners participating in WP4 are:

- LP - Port Network Authority of Eastern Adriatic Sea
- PP1 - North Adriatic Sea Port Authority – Ports of Venice and Chioggia,
- PP2 - Venice International University,
- PP3 - Interporto Trieste-Ferneti,
- PP4 - ITL
- PP5 - Port of Ravenna Authority,
- PP6 - Central Adriatic Ports Authority,
- PP7 - Southern Adriatic Sea Port Authority (Ports of Bari, Brindisi, Manfredonia, Barletta and Monopoli)
- PP8 - RAM
- PP9 - Port Authority of Rijeka, and
- PP10 - Port Authority of Ploče (WP Leader)
- PP11 – Faculty of Maritime Studies Rijeka as lead partner for WP3

4. ACTIVITIES

4.1. WP Coordination

Activity	4.1
Title	WP Coordination
Start Date	01.09.2019
End Date	31.10.2020
Coordinator	PP10 – Ploče Port Authority
Involved Project Partners	<p>LP - Port Network Authority of Eastern Adriatic Sea, PP1 - North Adriatic Sea Port Authority – Ports of Venice and Chioggia PP2 - Venice International University PP3 - Interporto Trieste – Ferneti PP4 – ITL PP5 - Port of Ravenna Authority, PP6 - Central Adriatic Ports Authority, PP7 - Southern Adriatic Sea Port Authority (Ports of Bari, Brindisi, Manfredonia, Barletta and Monopoli), PP9 - Port Authority of Rijeka and PP10 - Ploče Port Authority PP11 - PFRI</p>
Description	<p>Ploče Port Authority will prepare methodology containing:</p> <ul style="list-style-type: none"> - deadlines, - PP’s responsibilities, and - report templates for each partner to use. <p>PP10 will remain in contact with each project partner via phone, e-mail and/or Skype and contact each project partner at least once a month to liaise on project progress to oversee WP4 activities and promptly act in case of delays of any kind of issues that might arise. PP10 will organize Technical Committee back to back with Project Steering Committee or as needed both bilaterally and multilaterally. Also, PPs implementing pilot actions involve local stakeholders in ad-hoc stakeholder meetings</p>
Deliverables	<p>D.4.1.1 – Joint Methodology for the implementation of the WP D.4.1.2 – Technical coordination meetings D.4.1.3 – Stakeholder meetings</p>

4.2. ICT pilot actions for enhancing cross-border maritime and multimodal freight transport

Activity	4.2
Title	ICT pilot actions for enhancing cross-border maritime and multimodal freight transport
Start Date	01.09.2019
End Date	31.10.2020
Coordinator	PP4 - ITL
Involved Project Partners	<p>LP - Port Network Authority of Eastern Adriatic Sea, PP1 - North Adriatic Sea Port Authority – Ports of Venice and Chioggia PP2 - Venice International University PP3 - Interporto Trieste – Ferneti PP4 – ITL PP5 - Port of Ravenna Authority, PP6 - Central Adriatic Ports Authority PP7 - Southern Adriatic Sea Port Authority (Ports of Bari, Brindisi, Manfredonia, Barletta and Monopoli) PP8 – RAM PP9 - Port Authority of Rijeka and PP10 - Ploče Port Authority PP11 - PFRI</p>
Description	<p>Activity 4.2 foresees the implementation of pilot actions with ICT tools to enhance maritime and multimodal freight transport in the Programme Area.</p> <p>Based on the results of the cross-border action plan (D.3.3.3) and the best practice analysis on ICT tools and policies (D.3.3.1), participating logistic nodes implement concrete pilot actions on their PCSs and ICT systems to streamline freight traffic flows between the ports and the hinterland, by improving communication and coordination with private companies (e.g. terminal/logistic operators, freight forwarders) and public institutions (e.g. customs agencies). The WPL, with the support of the LP, oversees the correct implementation of the pilot actions in each concerned node, providing guidance and assistance. A final report detailing the implemented pilot actions will also be produced and all pilot actions will be assessed based on a common evaluation methodology.</p>
Deliverables	<ol style="list-style-type: none"> 1. D.4.2.1, Pilot action assessment methodology (M9), set by PP4; 2. D.4.2.2, Pilot action in Trieste (M15 draft, M20 final): ICT pilot action upgrading the PCS as to optimise the railway transport; 3. D.4.2.3, Pilot action in Venice (M15 draft, M20 final): ICT pilot action upgrading the existing ICT system to optimise the port railway capacity

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| | <ol style="list-style-type: none">4. D.4.2.4, Pilot action in the RRT of Trieste (M15 draft, M20 final): ICT pilot action deploying a new gate for inbound/outbound trains;5. D.4.2.5, Pilot action in Ravenna (M15 draft, M20 final): ICT pilot action upgrading the PCS to improve rail and multimodal operations through digital data exchange with terminal and logistic operators;6. D.4.2.6, Pilot action in Ancona (M15 draft, M20 final): ICT pilot action upgrading the PCS to optimise multimodal operations;7. D.4.2.7, Pilot action in Bari (M15 draft, M20 final): ICT pilot action upgrading the PCS to optimise multimodal operations;8. D.4.2.8, Pilot action in Rijeka (M15 draft, M20 final): ICT pilot action upgrading the PCS to exchange digital data with railway and multimodal operators;9. D.4.2.9, Pilot action in Ploče (M15 draft, M20 final): implementation of an ICT pilot action upgrading the PCS as to optimise multimodal operations;10. D.4.2.10, D.4.2.11, pilot action intermediate (M16) and final (M21) assessments, elaborated by PP4, shared among PPs for peer review and feeding the cross-border strategy |
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