

EVENT FOLLOW-UP REPORT

Study visits to five Italian and Croatian ports

D.3.3.1.

Contents

Study visit Bari.....	3
Event summary	3
Agenda	5
PowerPoint Presentation	7
Photos	12
Study visit Zadar	14
Event summary	14
Agenda	15
Photos	18
PowerPoint Presentation	20
Study visit Ravenna	21
Event summary	21
Agenda	23
Photos	24
PowerPoint presentation	25
Study visit Venice	27
Event summary	27
Agenda	28
Photos	29
PowerPoint presentation	31
Study visit Split.....	34
Event summary	34
Agenda	35
Photos	36
PowerPoint presentation	38

Study visit Bari

Event summary

<i>Type of event</i>	<i>Physical</i>
<i>Location (if physical)</i>	<i>Bari</i>
<i>Date of the event</i>	<i>March 2nd, 2023</i>
<i>Time/Duration</i>	<i>Half-day event from 9:30 to 13.00</i>
<i>Purpose of the event (By whom was it organized? What was the objective?)</i>	<i>The event was the final conference of the project EFINTIS “Enhancing efficiency of the intermodal transport flows by improved ICT systems”. It was organized by the Southern Adriatic Sea Port Authority – AdSPMAM within the project Efintis, funded by the Programme INTERREG IPA CBC Italy - Albania - Montenegro 2014/202. The objective of the event was to showcase the EFINTIS project, its pilot actions and the role of digitalization in the port communities.</i>
<i>Short description of the event (what happened during the event?)</i>	<i>The conference was opened by a welcome address by Ugo Patroni Griffi, President of the Southern Adriatic Sea Port Authority, followed by Darko Pekić, Chairman of the Board of Directors of the Port of Bar, and Vito Antonio Antonacci, Director of the Mobility Department of the Region of Puglia. The representatives of the 4 ports (Bari, Bar, Dures and Termoli) presented Efintis project and the new ICT applications in light transport information systems, while the Albanian Institute of Transport presented a study on the development of intermodal logistic centers and ICT connections among them. Mr Davide Marciano (JS INTERREG IPA CBC Italy - Albania – Montenegro) made a presentation of the challenges and development opportunities for the transport and cross-border mobility sector with reference to the INTERREG programming period 2021/2027. Mr. Nedim Begović from the Transport Community explained the role of digitalisation and multimodality for a sustainable and smart mobility in Western Balkans. Taking advantage of the common background of the projects, and</i>

	<i>the topics of the other presentations, focusing on ICT solutions for the logistic sector, the Port Network Authority of the Eastern Adriatic Sea, lead partner of DIGSEA, in the framework of the project's study tour, illustrated the most recent trends in port development highlighting the added value of the outputs realised by DIGSEA, as to foster digitalisation in the port and maritime sector and promote cross-fertilisation between the projects.</i>
<i>Results/Outcomes of the event (What are the takeaways from the event?)</i>	<i>The event promoted a fruitful discussion among stakeholders and policy makers on the importance of ICT tools in the logistic sector. The conference stressed the importance of sharing, capitalizing and implementing ICT tools to promote multimodality.</i>
<i>Number of attendees</i>	<i>29</i>
<i>Type of stakeholders/target groups that were represented</i>	<i>Local and regional authorities, port authorities, municipalities, representatives of major engineering companies, universities, other experts</i>

Agenda



Project EFINTIS

Enhancing efficiency of the intermodal transport flows by improved ICT systems

Thursday, 2nd March 2023

Venue: Sala Comitato of AdSPMAM

Piazzale Cristoforo Colombo, 1

70122 Bari

FINAL EVENT

AGENDA

- 09:30 – 10:00 **Welcome coffee and registration of participants**
- 10:00 – 10:15 **Institutional greetings**
Mr. Ugo Patroni Griffi (*President of AdSPMAM*)
Representative of Luka Bar A.D.
Mr. Vito Antonio Antonacci (*Director of the Mobility Department - Puglia Region*)
- 10:15 – 10:30 **Introduction and EFINTIS project presentation**
Mr. Rade Stanišić (*Luka Bar A.D.*)

- 10:30 – 10:45 Towards the INTERREG programming period 2021/2027: challenges and development opportunities for the transport and cross-border mobility sector**
Mr. Davide Marcianò (*JS INTERREG IPA CBC Italy - Albania - Montenegro*)
- 10:45 – 11:00 Towards sustainable and smart mobility in WB - Role of digitalization and multimodality**
Mr. Nedim Begović (*Transport Community*)
- 11:00 – 11:50 EFINTIS project pilot actions and the role of digitalization in the port communities**
Mr. Rade Stanišić (*Luka Bar A.D.*) – LP
Mr. Florjan Xhelilaj (*Albanian Institute of Transport*) – PP2
Mr. Alessandro Renna (*Southern Adriatic Sea Port Authority*) – PP3
Mr. Vegim Hoti (*Durres Port Authority*) – PP4
Mr. Matteo Apollonio (*DBA*) on behalf of Autonomous Agency for Hospitality and Tourism of Termoli – PP5
- 11:50 – 12:15 DIGSEA project study tour – Sharing project outputs and synergies**
Mr. Stefano Bevilacqua (*Port of Trieste*)
- 12:15 – 12:30 IWETT EGNOS project introduction and port management system in Hungary**
Mr. Gergely Mező (*RSOE - Hungary*)
- 12:30 – 12:45 Lasting Project: The Strategic Plan for the Transnational Passenger Transit System**
Mr. Giuseppe Garofalo (*ASSET*)
- 12:45 – 13:00 Conclusions and Final Greetings**
- 13:00 Closure of the works**

The event will be held in English.

To participate, please register at this link:

<https://forms.gle/N4tC2TgaN9z2xph8> choosing whether to follow the event in presence or online.

Event realized by the Southern Adriatic Sea Port Authority – AdSPMAM within the project Efintis, funded by the Programme INTERREG IPA CBC Italy - Albania - Montenegro 2014/2020

This project is co-financed by the European Union under the Instrument for Pre-Accession Assistance (IPA II)

PowerPoint Presentation

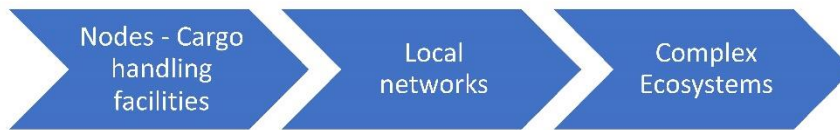
DIGSEA project study tour – Sharing project outputs and synergies

DIGSEA | PNAEAS Special Projects Unit | Stefano Bevilacqua

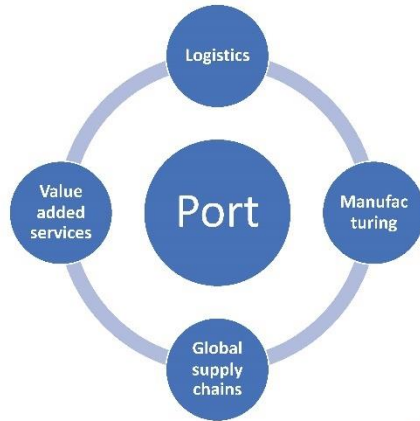
EFINTIS final event | Bari | 02 March 2023

European Regional Development Fund

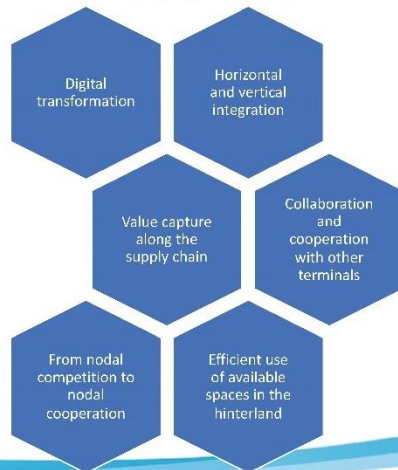
Ports and networks



From nodes to eco-systems



Integrating ports and terminals in value-driven supply chains



Tools from EU territorial cooperation: DIGSEA

TERRITORIAL CHALLENGES

- Italy and Croatia are crossed by three TEN-T networks: Scandinavian-Mediterranean, Baltic-Adriatic and Mediterranean, the latter recently extended to the Western Balkans, covering core and comprehensive ports and intermodal logistic nodes of these TEN-T networks, thus representing a key player in the current and future transport scenario not only for Italy and Croatia, but also for the whole EU.
- In terms of maritime transport Italy and Croatia represent leading regions at European level, hosting a large number of ports, some of them important hubs for goods and passenger transportation.
- Several conditions, especially the fragmentation of the supply chain and the insufficient communication and coordination between freight operators and the logistic nodes, especially in the port-inland interface, hinder the development of efficient cross-border maritime and multimodal freight transport and logistics chains, leaving road transport as a preferred solution for the transport of goods.
- Several best practices, but not yet coordinated.

Tools from EU territorial cooperation: DIGSEA

OBJECTIVES

- ✓ To dig up synergies and complementarities among results of four Interreg Italy-Croatia projects on ICT applied to multimodal freight transport – PROMARES, INTESA, DigLogs and TRANSPOGOOD



{ INTESA
 PROMARES
 DigLogs
 TRANSPOGOOD

- ✓ To contribute to the development of the Interreg Italy-Croatia 2021-2027 Programme
- ✓ To raise the awareness and engage stakeholders on the potential of ICT applied to multimodal freight transport

Tools from EU territorial cooperation: DIGSEA



Project Partners

1. Port of Trieste – Lead Partner
2. CFLI - Intermodal Logistics Training Centre
3. Port of Ancona
4. RAM – Rete Autostrade Mediterranee
5. University of Rijeka
6. KIP - Intermodal Transport Cluster
7. Port of Rijeka Authority
8. Port of Ploče Authority

Project Duration: April 2022 – June 2023

Project budget: 599.430,00 €

Tools from EU territorial cooperation: DIGSEA

DIGSEA MAIN OUTPUTS - 1

- ✓ [Cross-border inventory of projects' results, with the main outputs from the involved IT-HR Standard and Standard+ projects on ICT applied to freight transport](#) - DONE
- ✓ [Transnational inventory of projects' results, with main outputs from EU-funded projects of other cross-border and transnational ETC, H2020 or CEF Programmes on ICT applied to freight transport](#) - DONE
- Best practice analysis, with most recent developments on ICT tools for enhancing maritime and multimodal transport (e.g. blockchain, 5G and IoT applications) – ONGOING
- ✓ [Cross-border training curriculum on ICT application in the freight transport sector](#) - DONE

Tools from EU territorial cooperation: DIGSEA

DIGSEA MAIN OUTPUTS - 2

- ✓ Project ideas for the 2021-2027 programming period – DONE
- EUSAIR flagship paper, describing the thematic contribution that the cluster project could give in regard to the EUSAIR Flagship "Smart/green ports" on digitalization – ONGOING
- Study visits to five Italian and Croatian ports, engaging stakeholders and illustrating available technical documents – ONGOING
- Thematic seminar with other initiatives/EU Programmes on project results tackling ICT applied to multimodal transport, jointly with the high-level final conference - ONGOING




<https://www.italy-croatia.eu/web/digsea/docs-and-tools>


Thank you for your kind attention!


Port Network Authority of the Eastern Adriatic Sea – Ports of Trieste and Monfalcone

Mr. Stefano Bevilacqua

 Via Karl Ludwig von Bruck, 3, Trieste, Italy

 stefano.bevilacqua@porto.trieste.it

 +39 040 673.5136 / 2315

 www.italy-croatia.eu/digsea

Photos





Study visit Zadar

Event summary

<i>Type of event</i>	<i>Physical</i>
<i>Location (if physical)</i>	<i>Port Authority Zadar, Gaženička cesta 28c</i>
<i>Date of the event</i>	<i>April 27th 2023</i>
<i>Time/Duration</i>	<i>11:00-14:00</i>
<i>Purpose of the event (By whom was it organized? What was the objective?)</i>	<i>Port of Zadar Authority and Intermodal Transport Cluster organized joint event focused on the specific objectives of SUSPORT and the communication approach as well as DIGSEA study visit to present objectives and results.</i>
<i>Short description of the event (what happened during the event?)</i>	<i>The event was opened by the welcome speech by General Manager of PZA. Event continued with the presentation of the SUSPORT pilot activities in the port of Zadar followed by presentation of the DIGSEA project and its results. Afterwards, stakeholders had the opportunity for a tour of port of Gaženice followed by a networking lunch and further informal communication of the both projects.</i>
<i>Results/Outcomes of the event (What are the takeaways from the event?)</i>	<i>Debate on the project results and a fruitful discussion among stakeholders and policy makers among the importance of GHG reduction and implementation of ICT tools in the logistic sector. The discussion helped the SUSPORT and DIGSEA projects to create synergies to better encourage collaboration between a wide range of stakeholders and target groups.</i>
<i>Number of attendees</i>	<i>29</i>
<i>Type of stakeholders/target groups that were represented</i>	<i>General public, Local, regional and national public authorities, Regional development agencies, Enterprises, transport operators, Transport associations, University</i>

Agenda



LOCAL PUBLIC EVENT "SUSPORT" PROJECT AND STUDY VISIT PROJECT "DIGSEA"

Zadar, 27. 04. 2023.
Gaženička cesta 28c, Zadar

Javno događanje Projekt "SUSPORT" i studijski posjet Projekt DIGSEA
(Local Public Event Project SUSPORT and Study Visit Project DIGESEA)

PROGRAM/AGENDA
27. 04. 2023.

- 11:00 Registracija /Registration
- 11:10 Pozdravni govor –gosp. Željko Knežević, Ravnatelj,
Lučka uprava Zadar
(Welcome speech – Mr. Željko Knežević, General Manager, Port of Zadar Authority)
- 11:20 Prezentacija projekta SUSPORT – gosp. Đoni Štambuk,
Lučka uprava Zadar
(Project Presentation SUSPORT – Mr. Đoni Štambuk, Port of Zadar Authority)
- 11:30 Prezentacija pilot projekta "Nadstrešnica sa fotopanelima" Lučke uprave
Zadar- Marijeta Kalanj Jelavić i Đoni Štambuk, Lučka uprava Zadar
(Pilot project Presentation – Ms. Marijeta Kalanj Jelavić and Mr. Đoni Štambuk, Port of
Zadar Authority)
- 11:40 Prezentacija projekta DIGSEA – gosp. Marijan Cukrov, Ravnatelj, Klaster
intermodalnog prijevoza
(Project Presentation DIGSEA – Mr. Marijan Cukrov, Director, KIP)

- | | |
|-------|--|
| 11:50 | Razgled luke Gaženica
(Tour through the port of Gaženica) |
| 12:30 | Domjenak
(Light lunch) |
| 14:00 | Završetak događaja
(The end of the Event) |

Photos





PowerPoint Presentation



DIGSEA PROJECT

KIP | MARIJAN ČUKROV

Study visit | Zadar | 27 April 2023



DIGSEA IN A NUTSHELL

Maritime transport is the most sustainable way of transporting goods, but the fragmentation of the supply chain hinders the potential it offers.

DIGSEA project clusters the technical knowledge of several Interreg (T-RR 2014-2020) projects that deals with ICT applied to maritime and multimodal transport:



The collected knowledge will be consolidated in a single, sea-port-hinterland logistics approach, covering the whole supply chain.

This way, the experiences and expertise of the current programming period will serve as a basis for the new one, ensuring their long-term sustainability and replicability.



MAIN PROJECT INFORMATION

DURATION 15 months
01.04.2022 – 30.09.2023

FINANCING Total project budget: 500,430,000 EUR
ERDF funding: 300,515,200 EUR

Funding programme: Interreg Italy-Croatia C/IS/C

0 partners from Italy and Croatia cooperation: ANKA, IKT, RAM, etc.



PROJECT MISSION

The mission of the project is to transfer knowledge and raise the awareness of the use of ICT as a powerful and efficient tool to improve the efficiency and consequently the environmental performance of ports and the whole supply chain.




EXPECTED PROJECT RESULTS

- 1) Consolidated technical knowledge on ICT applied to multimodal freight transport covering the whole supply chain in order to make it more efficient and environmentally sustainable
- 2) Contribution to SD 3.2 "Developing and enhancing sustainable, climate resilient, intelligent and intermodal national, regional and local mobility, including improved access to TEN-T and cross border mobility" in the next programming period.
- 3) Transfer of such knowledge at regional, national and transnational level, to the maritime and multimodal transport community, other EU Programmes and EUSAR.



THANK YOU! QUESTIONS?

Master intermodalnog prijevoza
Marijan Čukrov

Tina Ujević 52A, 51000 Rijeka, Hrvatska

čukrov@shartsea.hr

+385916030499

www.italy-croatia.eu/Digsea



Study visit Ravenna

Event summary

<i>Type of event</i>	<i>Physical</i>
<i>Location (if physical)</i>	<i>Port Authority of Ravenna</i>
<i>Date of the event</i>	<i>1st June 2023</i>
<i>Time/Duration</i>	<i>11.30-13.30</i>
<i>Purpose of the event (By whom was it organized? What was the objective?)</i>	<p><i>In line with the DIGSEA project action plan, Central Adriatic Ports Authority organized a study visit to the Port of Ravenna Authority aimed at wide spreading beyond the DIGSEA project partners the results achieved through the capitalization of 4 Italy-Croatia projects on ICT application to the maritime traffic: INTESA, PROMARES, TRANSPGOOD, DIGLOGS.</i></p> <p><i>The event was aimed also at sharing information on the latest applications of the Ravenna Port Authority's Port Community System as key ICT tool to ensure coordination, efficiency and integration of port maritime traffic for the benefit of the whole logistic chain.</i></p>
<i>Short description of the event (what happened during the event?)</i>	<p><i>The event was participated by several representatives of Ravenna Port Authority and by an external consultant.</i></p> <p><i>During the event, Elena Montironi, representative of ADSPMAC, presented the main objectives, expected results and activities of DIGSEA project to the Port of Ravenna Authority representatives and stakeholders. After, Francesco Magagnoli, responsible for Eu projects of Port Authority of Ravenna illustrated the experiences gained in the Eu cooperation to support the digitalization and optimization of maritime freight transport; Andrea Minardi, responsible for IT system and innovation at Port Authority of Ravenna, presented the origin and main application of the Port Community System; finally, Simon Conti, external consultant of Port of Ravenna Authority, described the commitment of the port authority in exploring further opportunities to increase the</i></p>

	<i>efficiency of port operations through digital twin models.</i>
<i>Results/Outcomes of the event (What are the takeaways from the event?)</i>	<i>The outcomes of DIGSEA project, such as project ideas for future programming period, best practices catalogues and inventory of Eu projects on ICT, are very interesting products to be shared and build upon during forthcoming calls. The PCS is a key tool to ensure the reduction of administrative burden, increase efficiency customs clearing operations and involve the maritime traffic operators in seamless and smart procedures for the benefit of the port efficiency and of the whole logistics chain.</i>
<i>Number of attendees</i>	<i>9 participants</i>
<i>Type of stakeholders/target groups that were represented</i>	<i>Representatives Central Adriatic Port Authorities, Port of Ravenna Authority and external stakeholders.</i>

Agenda

Study Visit to Port Authority of Ravenna

Activity 3.3 “Awareness raising and engagement”

Ravenna, 1st June 2023

AGENDA

- | | |
|-------------|--|
| 11.30-11.45 | Participant registrations and welcome address by Port Authority of Ravenna
<i>Mario Petrosino, Chief Operating Officer</i> |
| 11.45-12.00 | Presentation of DIGSEA objectives and expected results
<i>Elena Montironi, EU project manager Central Adriatic Ports Authority</i> |
| 12.00-13.30 | Exchange of best practices on PCS and ICT innovative projects by Port Authority of Ravenna
<i>Francesco Magagnoli, Promotion and Eu projects area Responsible</i>
<i>Andrea Minardi, Information and Communication Technology Area Manager</i>
<i>Simon Conti, External consultant for the digital twin of the port</i> |
| | Interviews with Port Authority of Ravenna representatives for the purpose of DIGSEA video |
| 13:30 | Conclusion of the works |

Photos



PowerPoint presentation



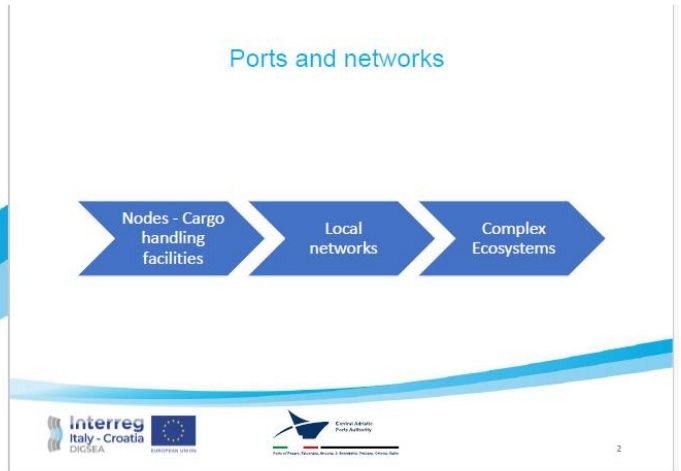


DIGSEA project study tour – Sharing project outputs and synergies

 Central Adriatic Port Authority




 Study visit | Ravenna | 01 June 2023

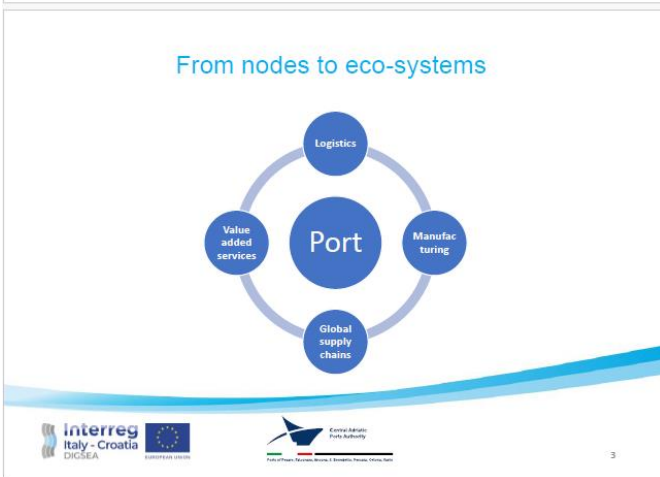
 European Regional Development Fund



Ports and networks




 Nodes - Cargo handling facilities → Local networks → Complex Ecosystems

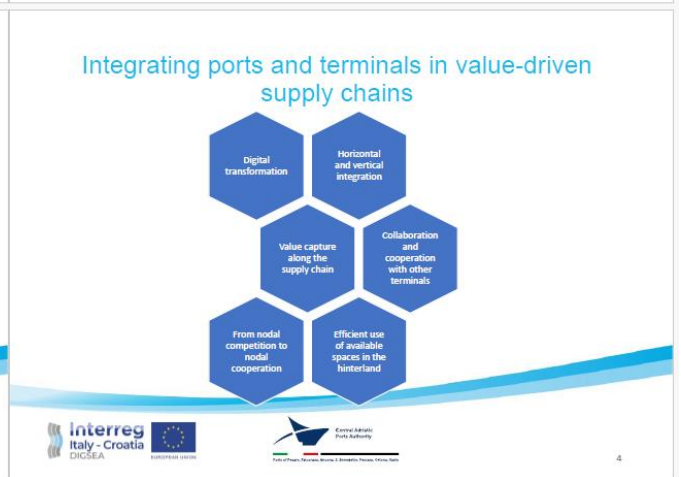






From nodes to eco-systems




A circular diagram with 'Port' at the center, surrounded by four nodes: Logistics, Manufacturing, Global supply chains, and Value added services.



Integrating ports and terminals in value-driven supply chains

A hexagonal diagram with 'Value capture along the supply chain' at the center, surrounded by five nodes: Digital transformation, Horizontal and vertical integration, Collaboration and cooperation with other terminals, Efficient use of available spaces in the hinterland, and From nodal competition to nodal cooperation.

Tools from EU territorial cooperation: DIGSEA

TERRITORIAL CHALLENGES

- Italy and Croatia are crossed by three TEN-T networks: Scandinavian-Mediterranean, Baltic-Adriatic and Mediterranean, the latter recently extended to the Western Balkans, covering core and comprehensive ports and intermodal logistic nodes of these TEN-T networks, thus representing a key player in the current and future transport scenario not only for Italy and Croatia, but also for the whole EU.
- In terms of maritime transport Italy and Croatia represent leading regions at European level, hosting a large number of ports, some of them important hubs for goods and passenger transportation.
- Several conditions, especially the fragmentation of the supply chain and the insufficient communication and coordination between freight operators and the logistic nodes, especially in the port-inland interface, hinder the development of efficient cross-border maritime and multimodal freight transport and logistics chains, leaving road transport as a preferred solution for the transport of goods.
- Several best practices, but not yet coordinated.

Tools from EU territorial cooperation: DIGSEA

OBJECTIVES

- ✓ To dig up synergies and complementarities among results of four Interreg Italy-Croatia projects on ICT applied to multimodal freight transport – PROMARES, INTESA, DigLogs and TRANSPOGOOD



- ✓ To contribute to the development of the Interreg Italy-Croatia 2021-2027 Programme
- ✓ To raise the awareness and engage stakeholders on the potential of ICT applied to multimodal freight transport

Tools from EU territorial cooperation: DIGSEA

Project Partners



1. Port of Trieste – Lead Partner
2. CFU - Intermodal Logistics Training Centre
3. Port of Ancona
4. RAM – Rete Autostrade Mediterranee
5. University of Rijeka
6. KIP - Intermodal Transport Cluster
7. Port of Rijeka Authority
8. Port of Ploče Authority

Project Duration: April 2022 – June 2023

Project budget: 599.430,00 €

Tools from EU territorial cooperation: DIGSEA

DIGSEA MAIN OUTPUTS - 1

- Cross-border inventory of projects' results, with the main outputs from the involved IT-HR Standard and Standard+ projects on ICT applied to freight transport
- ✓ Transnational inventory of projects' results, with main outputs from EU-funded projects of other cross-border and transnational ETC, H2020 or CEF Programmes on ICT applied to freight transport
- Best practice analysis, with most recent developments on ICT tools for enhancing maritime and multimodal transport (e.g. blockchain, 5G and IoT applications)
- Cross-border training curriculum on ICT application in the freight transport sector

Tools from EU territorial cooperation: DIGSEA

DIGSEA MAIN OUTPUTS - 2

- Project ideas for the 2021-2027 programming period
- EUSAIR flagship paper, describing the thematic contribution that the cluster project could give in regard to the EUSAIR Flagship "Smart/green ports" on digitalization
- Study visits to five Italian and Croatian ports, engaging stakeholders and illustrating available technical documents – ONGOING
- Thematic seminar with other initiatives/EU Programmes on project results tackling ICT applied to multimodal transport, jointly with the high-level final conference

<https://www.italy-croatia.eu/web/digsea/docs-and-tools>

Thank you for your kind attention!

Central Adriatic Ports Authority

Elena Montironi

Molo Santa Maria, snc, Ancona, Italy

montironi@porto.ancona.it

+39 0712078/ 921

www.italy-croatia.eu/digsea

Study visit Venice

Event summary

Type of event	Physical
Location (if physical)	Venice at Venice Heritage Tower - via dell'Azoto, 4
Date of the event	15 th June 2023
Time/Duration	From 14.30 to 18.30
Purpose of the event (By whom was it organized? What was the objective?)	The study visit was organized by PP1-CFLI and hosted by the General Assembly of ITS MARCO POLO ACADEMY MEMBERS that presented the birth of the new Academy of the Sea and Logistics
Short description of the event (what happened during the event?)	After the launch and presentation of the new Academy of the Sea and Logistics by the ITS MARCO POLO ACADEMY MEMBERS, DIGSEA project was presented by Mr. Morgante and then followed two specific presentations: one dedicated to the skills required by the modern logistics sector and the other to new training paths in the logistics sector. Then followed a round table with some policy makers and experts of the sector. Finally, a virtual study visit was illustrated viewing the port of Venice from the top floor of the tower.
Results/Outcomes of the event (What are the takeaways from the event?)	How to integrate digital skills required by logistics companies into training course
Number of attendees	67
Type of stakeholders/target groups that were represented	Port operators, enterprises of logistics sector, training experts, enterprises of the Port of Venice, policy makers, etc.

Agenda



FIP
ITS Marco Polo Academy

Assemblea Generale

SOCI ITS MARCO POLO ACADEMY

Nasce la nuova Accademia del Mare e della Logistica

Giovedì 15 giugno ore 14.30
Venezia, Heritage Tower
Via dell'Azoto 4, Marghera VE

Programma

14.30 **Sessione di lavoro riservata ai soci ITS**

15.30     **European Regional Development Fund**
www.italy-croatia.eu/digsea **CENTRO DI FORMAZIONE LOGISTICA INTERMODALE**
CFU

Enrico Morgante *Direttore CLI*
Presentazione del progetto "DIGSEA - DIGitalisation of multimodal transport in the Adriatic SEA"

Luca Saporetti *Presidente Alumni Supply Chain Club*
Le skill 4.0 richieste dal mercato della logistica

Marco Della Puppa *Esperto di processi formativi*
Nuove frontiere della formazione 4.0 nella logistica

16.00 **Coffee break**

Tavola rotonda

Damaso Zanardo *Presidente ITS Marco Polo Academy*

Fulvio Lino Di Blasio *Presidente Autorità di Sistema Portuale del mare Adriatico Settenzionale*

Leopoldo Destro *Presidente Confindustria Nord Est*

Luigi Brugnaro *Sindaco della Città Metropolitana di Venezia**

Elena Donazzan *Assessore al lavoro, all'Istruzione e alla formazione - Regione Veneto*

Galeazzo Bignami *Vice Ministro delle Infrastrutture e dei Trasporti*

18.00 **Study visit**
Christian Sottana Alla scoperta del Porto di Venezia. Descrizione commentata della vista panoramica.

A seguire **light dinner**

* In attesa di conferma

Photos





PowerPoint presentation

N.1

 <p style="text-align: center;">DIGSEA Digitalizzazione del trasporto multimodale nel mare Adriatico</p> <p style="text-align: center;">CFLI Enrico Morgante Study Visit Mestre - Venezia 15 Giugno 2023</p>  	<p>IL NUMERI DEL PROGETTO</p> <p>Data di avvio: 01.04.2022</p> <p>Data di fine: 30.06.2023</p> <p>Budget a disposizione: 599.430 €</p> 
<p>LA PARTNERSHIP</p> <p>n. 8 Partner provenienti da:</p> <p>Italia Autorità di Sistema Portuale del Mare Adriatico Orientale (capofila) CFLI (partner) Autorità di Sistema Portuale del Mare Adriatico Centrale (partner) RAM Logistica Infrastrutture Trasporti S.p.A (partner)</p> <p>Croazia Università di Rijeka (partner) Intermodal Transport Cluster (partner) Autorità Portuale di Rijeka (partner) Autorità Portuale di Ploce (partner)</p> 	<p>IL PROGETTO IN BREVE</p> <ul style="list-style-type: none"> • raggruppa le conoscenze tecniche sviluppate da numerosi progetti finanziati dal Programma Interreg Italia-Croazia (TRANSPOGOOD, DIGLOGS, INTESA, ecc.) che si sono occupati di trasporto merci, concentrandosi sulle TIC applicate al trasporto marittimo e multimodale, da diverse prospettive • consolida queste conoscenze e crea un ponte con il periodo di programmazione 2021-2027, sostenendo i beneficiari nella preparazione di nuovi progetti e nel trasferimento delle conoscenze apprese a livello transnazionale  
<p>GRAZIE PER L'ATTENZIONE!</p> <p>CFLI</p> <p>📍 Santa Marta – Fabbricato 16 – Venezia (IT)</p> <p>✉ Enrico.morgante@cfl.it</p> <p>☎ +39 041 5334156</p> <p>🌐 www.italy-croatia.eu/digsea</p>  	

N.2



NUOVE FRONTIERE DELLA FORMAZIONE 4.0 NELLA LOGISTICA

DIGSEA | CFLI | Della Puppa Marco

Study Visit | Venezia | 15 Giugno 2023

European Regional Development Fund

Offerta formativa FMP: milestones

- 2015 – Avvio del biennio Tecnico superiore della logistica in ambito marittimo portuale e aeroportuale (Venezia)
- 2016 – Avvio del biennio Tecnico superiore per la gestione e conduzione dei mezzi ferroviari (Venezia)
- 2018 – Avvio del biennio Tecnico superiore per la logistica e la supply chain (Treviso)
- 2020 – Avvio del biennio Tecnico superiore per la logistica e la supply chain (Rovigo)
- 2021 – Avvio del biennio Tecnico superiore HR & Mobility (Mirano)
- 2023 – Avvio del biennio Tecnico superiore Art.Moving

Nel tempo l'offerta formativa si è arricchita

- Formazione per abilitazione alla conduzione dei carrelli industriali semoventi con conducente a bordo
- Soft skills
- Piano di studi con riconoscimento CFU IUAV
- Visite in azienda
- Viaggio di studio a Valencia e a Rotterdam
- Stage 6 settimane a Plymouth
- A partire dal biennio 22-24:
 - certificazione IELTS
 - certificazione ICDL
 - stage ERASMUS

Le sfide

- Implementazione del Laboratorio TMS e WMS



What's next

- Fondi PNRR per l'implementazione di laboratori didattici 4.0
- Laboratorio simulazione spedizione (gamification)
- Simulatore conduzione treno
- Simulatore conduzione nave
- Simulatore conduzione gru
- Visori VR per PDT
- Yard Management System
- Cargo Planner
- Software rappresentazione e modellizzazione mobilità
- ERP
- ?

Innovazione nella didattica – Progetto DIGSEA



RISULTATI PROGETTUALI ATTESI

- Consolidare le conoscenze tecniche ICT applicative nel trasporto merci multistadiale e portuale. Promuovere l'uso di ICT di modellazione, efficienza e sostenibilità del porto di crocevia.
- Sviluppare software 3D "3D" e generare una realtà virtuale, regolare e reale, virtuale, vedere il clima, maltempo e tempeste, generando un migliore senso della vita 180° del porto e del territorio, nel processo di programmazione.
- Trovare ed utilizzare i fondi regionali, nazionali e transnazionali, da essere da lavoro portuale multistadiale, ad addebiatamento e DDM.

DIGSEA IN BREVE

Il trasporto marittimo è la modalità più sostenibile per il trasporto delle merci, ma la frammentazione della catena di approvvigionamento ne limita le performance.

Il progetto DIGSEA raggruppa le conoscenze tecniche di diversi progetti Interreg ITA-CRO 2014-2020 incentrate sulle tecnologie dell'informazione e delle comunicazioni (ICT) applicate al trasporto marittimo e multimodale. Le conoscenze raccolte saranno consolidate in un unico approccio mare-porto-terrestre-landlogistica che consentirà l'interazione di apprendimento.

In questo modo, la esperienza le competenze maturate nell'attuale periodo di programmazione, saranno come base per il nuovo, garantendo la loro sostenibilità e replicabilità in un'ottica transnazionale di lungo termine. La missione del progetto consiste nel trasferire conoscenze e nel sensibilizzare l'uso dell'ICT quale leva per migliorare l'efficienza e di conseguenza le prestazioni industriali dei porti e definire i nuovi spazi.

PROGETTI CAPITALIZZATI:



BUDGET TOTALE: 558.430,00 EUR

ERDF: 558.430,00 EUR

DURATA DEL PROGETTO: 01/04/2022 – 30/09/2023

Innovazione nella didattica – Progetto DIGSEA (2)

- Elaborazione di un piano formativo transfrontaliero incentrato sull'applicazione ICT al settore del trasporto merci
 - IoT
 - Blockchain
 - Analisi Big Data Analytics
 - Intelligenza artificiale
 - Simulazione e modellizzazione nei trasporti
 - Global trends in transport and logistics
 - Management dell'innovazione
 - Soft skills nei processi di innovazione

Innovazione nella didattica – Altri progetti

- Nuova proposta progettuale Erasmus+ «NeXTrain-PortS»
 - Mapping changes in job profiles in the ports and logistics sector in relation to the energy and digital transition
 - Co-creation of training programs using XR immersive technologies
 - Training action on job profiles mapped: learning, training, teaching activity through mobilities

Study visit Split

Event summary

<i>Type of event</i>	<i>Physical</i>
<i>Location (if physical)</i>	<i>Split, Port of Split Authority</i>
<i>Date of the event</i>	<i>15th of June 2023.</i>
<i>Time/Duration</i>	<i>11:00 – 13:00</i>
<i>Purpose of the event (By whom was it organized? What was the objective?)</i>	<i>Port of Ploče Authority has organized site visit to Port of Split Authority as for the port stakeholders to present pilot activities resulted within the DIGSEA project focused on the project objectives.</i>
<i>Short description of the event (what happened during the event?)</i>	<i>During the Site visit Port of Ploče authority has shared its experiences, challenges, priorities of the project activities in within the DIGSEA project. Pilot activities and results have been presented to the stakeholders and objectives of the project.</i>
<i>Results/Outcomes of the event (What are the takeaways from the event?)</i>	<i>Presentation of the pilot actions and debate in thematic after sessions will help to improve the synergy between the port stakeholders and Port Authorities with aim to better encourage collaboration between them and target groups in port areas.</i>
<i>Number of attendees</i>	<i>8</i>
<i>Type of stakeholders/target groups that were represented</i>	<i>local and public authorities, port stakeholders</i>

Agenda

Port of Split Authority - STUDY VISIT PROJECT "DIGSEA"

Darko Plečaš <darko.plecas@ppa.hr>

Wed 6/14/2023 10:59 AM

To: Ana Matulic <ana.matulic@portsplit.hr>; Josko Berket <josko.berket@portsplit.hr>;
Cc: Tomislav Batur <tomislav.batur@ppa.hr>; Jelena Kis <jelena.kis@ppa.hr>; Željko Vlahović <zeljko.vlahovic@ppa.hr>

Poštovanje Ana i Joško,

zahvaljujemo se na dostavljenom i u skladu s dogovorom Vam dostavljamo potrebne informacije. U sklopu projekta DIGSEA Programa Interreg IT-HR Lučka uprava Ploče za potrebe pilot aktivnosti Vama i vašim djelatnicima (četvrtak, 15/06/23 u 11 sati, Lučka uprava Split) prezentirat će aktivnosti u sklopu samog projekta. U skladu s time dostavljamo Vam potrebne informacije:

- STUDY VISIT PROJECT "DIGSEA"
 - Prezentacija projekta DIGSEA – Željko Vlahović, Darko Plečaš, Lučka uprava Ploče (Project Presentation DIGSEA – Željko Vlahović, Darko Plečaš, Port of Ploče Authority)

Unaprijed zahvaljujemo i veselimo se susretu.

lp/dplecas

Srdačan pozdrav / Best regards

Lučka uprava Ploče, u suradnji s ostalim lučkim sudionicima, razvija PCS kao centralni sustav za najefikasniju razmjenu elektroničkih dokumenata i ostalih podataka između svih lučkih korisnika i njihovih IT sustava, čime se olakšava njihovo poslovanje i ostvaruje dodatna poslovna vrijednost.



Darko Plečaš, dipl.inf.,
Odjel za digitalizaciju / Department for digitalization
Voditelj odjela za digitalizaciju / Head of Department for digitalization

Lučka uprava Ploče
Port of Ploče Authority

Trg kralja Tomislava 21,
20340 Ploče • HR

T: +385 20 414 535,
F: +385 20 670 271
E: darko.plecas@ppa.hr
W: www.ppa.hr

PCS W: jelena.kis@ppa.hr
PCS E: ppa@ppa.hr



Be responsible, Think about the environment before printing this e-mail or its attachments

Sadržaj ove poruke i eventualno priloženih datoteka je povjerljiv i namijenjen je samo osobama i subjektima koji su navedeni u adresi. Ukoliko ste primili ovu poruku greškom, molimo Vas obavijestiti pošilatelja, a poruku i sve njene priloge odmah, bez čitanja, trajno ukloniti s računala. Bilo kakvo prenošenje, kopiranje ili distribucija informacija sadržanih u poruci trećim osobama je zabranjeno i može biti zakonski kažnjivo. Sadržaj, stavovi i mišljenja izneseni u poruci su autori i ne predstavljaju nužno stavove Lučke uprave Ploče. Lučka uprava Ploče ne prihvaća nikakvu odgovornost za eventualnu štetu nastalu primikom ove poruke i priloga sadržanih u poruci.

DISCLAIMER: The contents of this email as well as any files attached to it are confidential and intended solely for individuals or entities which they are addressed to. If you have received this email message in error, please notify the sender and permanently remove the message and all attached files from the computer. Any disclosure, copying or distribution of all or a part of information contained herein to or by third parties is prohibited and may be unlawful. Please note that any views or opinions presented in this message are solely those of the author and do not necessarily represent the views and opinions of Port of Ploče Authority. Port of Ploče Authority accepts no liability for any potential damage caused by this message and files attached to it.

Photos





PowerPoint presentation

DIGSEA PROJECT

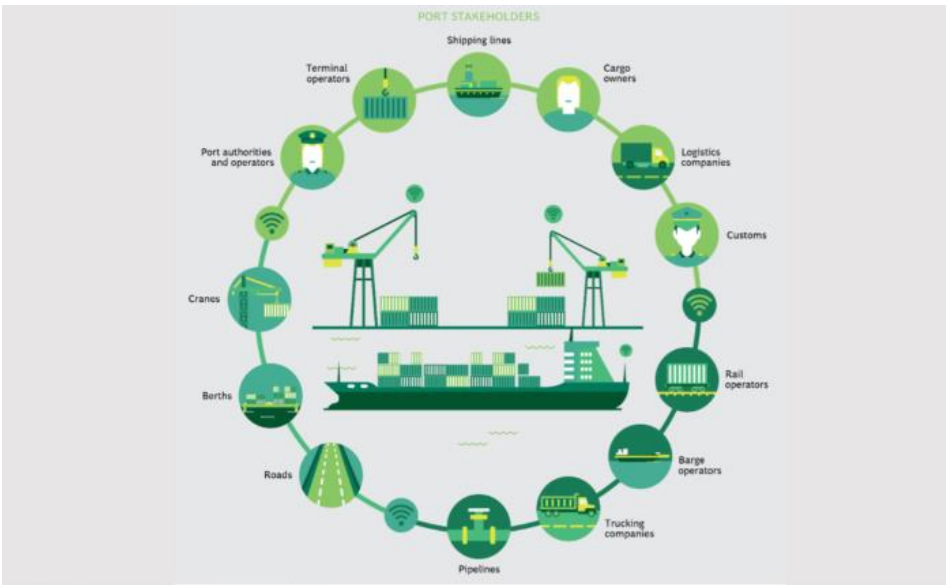
Port of Ploče Authority
Željko Vlahović, Darko Plečaš

Study visit | Split | Port of Split Authority | 15/06/2023

INTRODUCTION

Port of Ploče Authority

- Primary focus on creating and securing conditions for efficient management of maritime and public property.
- Creating preconditions for the transformation of the port from a **transshipment port to a regional logistics center** in which, in addition to the application of modern technologies, various distribution and additional services will be provided on goods that run through the port.



DIGSEA IN A NUTSHELL

Maritime transport is the most sustainable way of transporting goods, but the fragmentation of the supply chain hinders the potential it offers.

DIGSEA project clusters the technical knowledge of several Interreg IT-HR 2014-2020 projects that deals with ICT applied to maritime and multimodal transport:



The collected knowledge have been consolidated in a single, sea-port-hinterland-logistics approach, covering the whole supply chain.

This way, the experiences and expertise of the current programming period will serve as a basis for the new one, ensuring their long-term sustainability and replicability.

MAIN PROJECT INFORMATION

 **DURATION** 15 months
01.04.2022 – 30.06.2023

 **FINANCING** Total project budget:
599.430,00 EUR
 ERDF funding
509.515,50 EUR

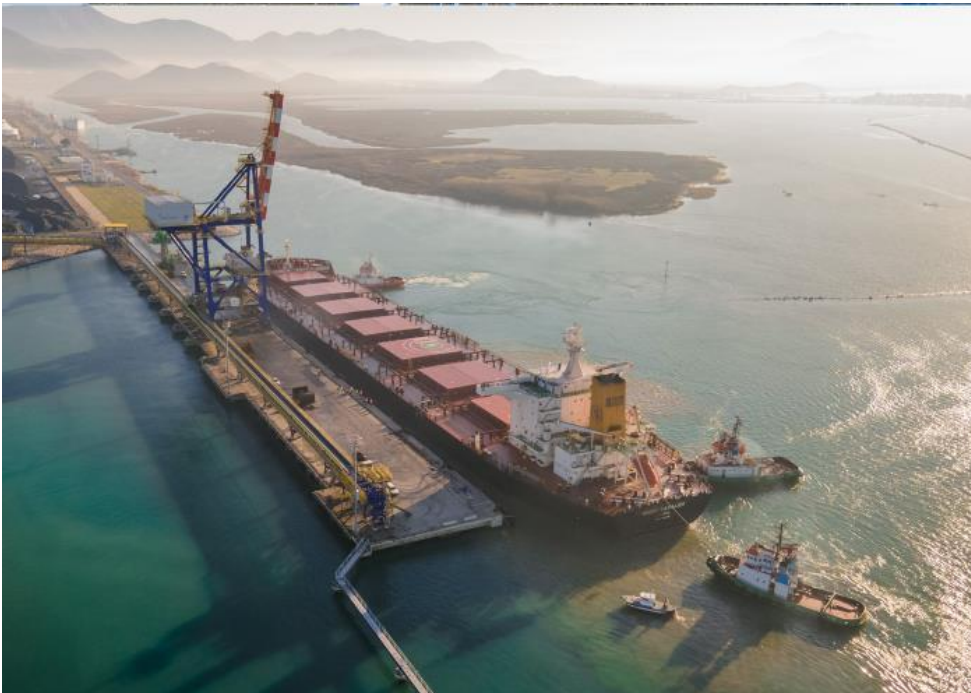


PROJECT PARTNERSHIP:

8 partners from Italy and Croatia cooperation area



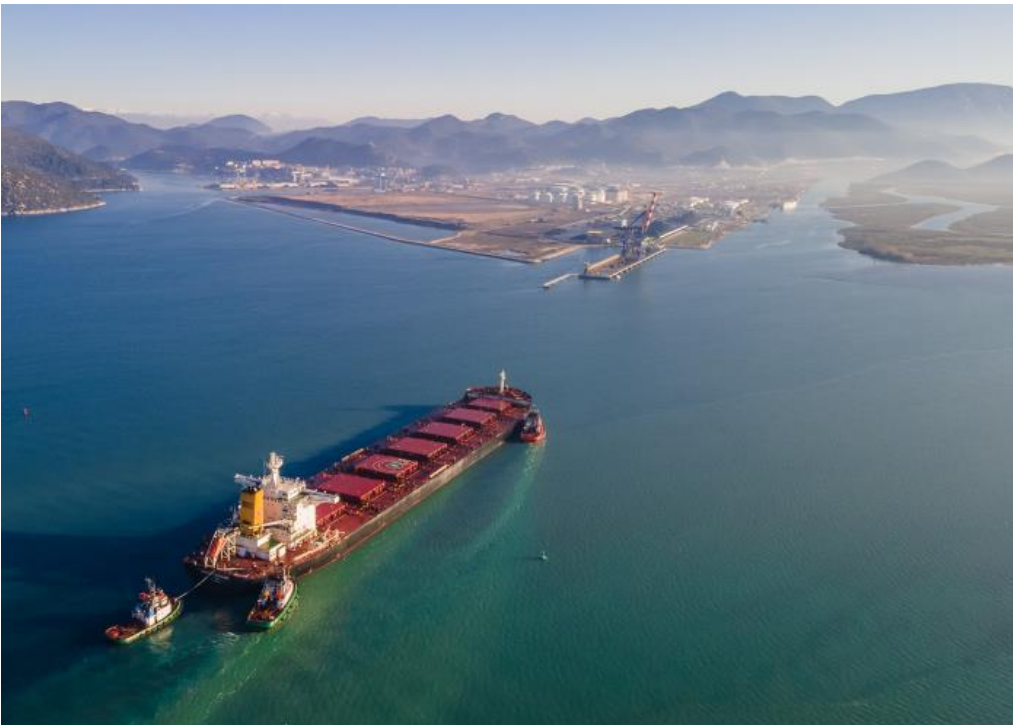
Funding programme: **Interreg Italy-Croatia CBC**

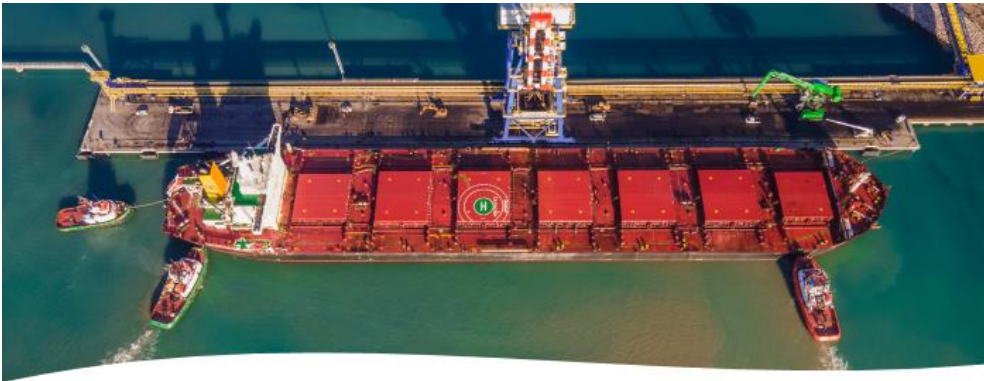




PROJECT MISSION

The mission of the project is to transfer knowledge and raise the awareness of the use of ICT as a powerful and efficient tool to improve the efficiency and consequently the environmental performance of ports and the whole supply chain.





PROJECT ACTIVITY

Cross-border inventory of projects' results document from the involved IT-HR Standard and Standard+ projects on ICT applied.

PROJECT Activities

The reviewed project clearly identified their goals.

The two main general goals are:

- a) developing the technological solutions, models and plans to establish the most advanced digitalized logistic processes for multimodal freight transport and passengers' services,
- b) improving logistics quality, port and goods safety and security, and environmental sustainability. Such goals have them been specified at a more detailed and practical level such as: developing innovative ICT tools; updating the technological equipment; integrating and enhancing the PCS functionality; and exploring solutions for the port-land and port-sea interfaces and nautical safety and accessibility.

In addition to the technical dimension, the goal of improving human capital has been properly conceived as of the utmost importance.

PROJECT Activities

Capitalizing on the work done, the recent geo-political developments suggest integrating the above goals with three new challenges:

- a) improve the resilience of the supply chains in face of epidemic and political issues.
- b) develop strategies to counteract the climate change challenge.
- c) straighten the ability of a port to act as clean energy hub..

PROJECT Activities

The projects achieved an impressive number of results which increased nautical and port safety and efficiency in port operations, thus reducing congestion, containing environmental risk and unfavorable impacts on the environment and the surrounding urban settlements.

It is also suggested to:

- a) extend the use of IoT technologies or drones to collect data in real time.
- b) develop analytical and forecasting tools to support strategic planning decisions.

PROJECT RESULTS


- 1) Consolidated technical knowledge on ICT applied to multimodal freight transport covering the whole supply chain in order to make it more efficient and environmentally sustainable
- 2) Contribution to SO 3.2 "Developing and enhancing sustainable, climate resilient, intelligent and intermodal national, regional and local mobility, including improved access to TEN-T and cross border mobility" in the next programming period.
- 3) Transfer of such knowledge at regional, national and transnational level, to the maritime and multimodal transport community, other EU Programmes and EUSAIR.




THANK YOU! QUESTIONS?


Port of Ploče Authority
Željko Vlahović, Darko Plečaš

 Glavna cesta, 20340 Ploče, Hrvatska

 ppa@ppa.hr

 +38520414530

 www.italy-croatia.eu/Digsea

 www.ppa.hr