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## DigLogs Newsletter N. 8 - June 2020

### For Enterprises, Transport Operators, Authorities, Research Institutes and Universities

We are pleased to inform you that despite COVID -19, our project partners have continued working on the project activities, with small delays. We are in the project phase when we should consult with stakeholders and collect their feedback. Based on all feedbacks and pilot details, Intermodal Logistics Training Consortium and University of Trieste will be able to draft a final version of roadmaps, assembling the 7 resulting roadmap outputs to produce the 2 originally stated roadmap deliverables, one oriented to increase competitiveness of multimodal transport services and one aimed at increasing harmonization of passenger mobility. We should receive valuable information from the stakeholders, which will ultimately help us to fulfill the following vision statement: "In five years, most of the transport flows, concerning freight and passengers, of the Italy-Croatia area will be digitized and therefore connected through innovative ICT solutions able to support a wide range of IT services for logistics operators, industrial users, private passengers and public authorities."

University of Rijeka - Faculty of Maritime Studies Rijeka - Lead partner of the DigLogs project

### Stakeholder outreach in the Italy-Croatia Area!

The DigLogs (European project funded by the INTERREG Italy – Croatia CBC Programme priority axis 4 - Maritime transport ) partners are again reaching out to different stakeholders across the region to obtain input and insight on the road map for implementing pilot projects, which incorporate different primary innovations regarding the informatization processes, big data and automation systems for Croatia and Italy Area. Diglogs is using an innovative platform for displaying the individual pilot area propositions and including links for collecting stakeholder input via questionnaires. The system also allows stakeholders to preview the other pilot areas and their characteristics. We hope that this user friendly version of presenting the information on the pilots will allow for many stakeholders to provide their timely, insight into our final roadmaps, before launching the pilot implementation phase scheduled for later this summer..

### DigLogs Series on Proposed Pilot Innovations: 1<sup>st</sup> Pilot - Mobile Applications for Passengers Security in Trieste, Italy

#### Improving emergency management on passenger ships

The University of Trieste is working on a solution to aid in managing communication and management of on-ship emergencies, by providing both the location and communication with passengers. This solution, in the form of a mobile application, would aid in evacuations, situational awareness for safety and security threats, managing restricted access areas, and monitoring status of passengers in the case of onboard infections.



#### Mobile Security Application Leveraging Bluetooth Technology

The pilot focuses on an innovative mobile security application for mobile phones, smart watches and other mobile devices which leverage Bluetooth technology to localize and communication with passengers through the connections to the nearest beacons

#### Pilot Scenario

The University of Trieste will be working together with the different stakeholders for the realization of this pilot:

- Shipping companies
- Shipyards in charge of building the testing ship
- Mobile security application developers
- Bluetooth net specialists and beacon suppliers

#### Ideal Implementation Scenario

The solution has been created for passenger ships, roll-on and roll-off passenger ships and port terminals. It targets passenger areas (e.g., public areas and cabin corridors onboard ships, every area accessible to passengers) but can also be to managing areas closed off to passengers. In order to reap the benefits of this type of innovation, the solution would need to be deployed at a shipping company level, across associations for different shipping companies and dispersed across different passenger terminals. The time needed for such divulgation across different realities is around 5 years.

The pilot is, nonetheless, also important for different stakeholders:

- Passenger terminals on the opportunities offered for the development of customized experiences in terms of advertisements, commercial and other trip proposals
- Shipping companies for the protection and responsiveness of the passengers and crew.
- Port authorities to promote passenger safety and security onboard ships and in passenger terminals.
- Regional development agencies in the promotion of the adoption of the mobile security application, and its potential synergies with other commercial (and non-commercial) offerings to passengers of ships
- Universities and research institutes for analyzing and improving evaluation simulation and procedures.

### This is the 8<sup>th</sup> edition of Newsletter series of the DigLogs project!

DigLogs is a European project funded by the INTERREG Italy – Croatia CBC Programme priority axis 4 - Maritime transport that aims to create the technological solutions, models and plans to establish the most advanced digitalised logistic processes for multimodal freight transport and passengers' services in the Italy-Croatia area. This project will have a significant impact in terms of diffusion and effectiveness of digitalised services and ICT support for the quality, safety and environmental sustainability. In the project E-newsletter, you will find interesting information on the latest developments and upcoming events of the project.

### Stay Tuned for our Next DigLogs newsletter in August 2020!



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