

## IT upgrade in Port of Bar (fine tuned ADB Multiplatform and EA SEA-WAY outputs referred to the Port of Bar)

WP3		Action	3.4
Responsible partner	Port of Bar		
Authors	Deda Đelović, Rade Stanišić		
Name file	IT upgrade in Port of Bar	Status	Final

## BACKGROUND

Port of Bar was a partner in two EU co-funded strategic projects, ADB Multiplatform (IPA SEE Programme, 3<sup>rd</sup> call strategic call) and EA SEA-WAY (IPA ADRIATIC Programme, 1<sup>st</sup> call for strategic projects).

The idea of the ADB Multiplatform project was to develop and promote environmentally friendly, multimodal transport solutions from the ports in the SEE programme area to inland countries and regions along a selected pilot transnational network. The project aims at: “1) developing a network of multimodal hubs in SEE area, with common quality and performance standards, connected by innovative ICT and transport services...” The main output of the project referred to the Port of Bar was the development and implementation of the 1<sup>st</sup> phase of the Port Community System (PCS) in Bar (Implementation of pilot ICT tools - Integrated Port Management System). The Port Community System is a centralized and automated system for exchanging of information and documentation between stakeholders and maritime transport authorities. The implemented PCS is in line with EU Directive 65/2010, in addition, PCS will improve port operations and increase competitiveness of the Port of Bar and PCS will be a part of the future Maritime Single Window in Montenegro.

Further development of the PCS was done in the EA SEA-WAY project (output Innovative ICT system&infrastructure). Main achievement is implementation of activities referred to electronic exchange of all relevant information related ship's arrival and departure resulting with usage and exchange of ship information (arrivals, departures,...) on different types of ICT systems introduction of IMO FAL forms, etc. These information in future can be used/exchange with all relevant stakeholders for better infomobility.

The implemented ICT/IT tools (Port Community System) was upgraded within CAPTAIN project. The goal of this upgrade is to ensure efficient up to date exchange of information delivered by machine generated emails or SMS about different actions in the PCS (e.g. for Ship announcement, berthing requests and Pilot requests on different milestones, etc.). This kind of data exchange is necessary at the moment as we need to involve different stakeholders or maritime authorities in the PCS (lack of their IT solution forces us to exchange some data by emails or SMS).

## CONCLUSION

Motivations to implement a PCS was to improve the accessibility, to meet requirements of the logistic community, to improve port operations and increase competitiveness, interchange data between all subjects in the logistics chain, to avoid paper, to formalize processes, preparation for implementation of the EU legislation (EU Directive 65/2010, etc.) and Maritime Single Window.