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Opatija, Hrvatska

MED OSMoSIS PROJECT PRESENTED SOFTWARE SOLUTIONS FOR MARITIME SURVEILLANCE AND SEARCH AND RESCUE ACTIONS IN THE MEDITERRANEAN

During the second day of the conference, June 2nd, Capt. Valter Suban presented the maritime data collection system in Slovenia. Also, the Ministry of Capital Investments from Montenegro presented their maritime management and data exchange system and planned improvements, drafting Guidelines for IPA Countries.

Ivica Petrović, Inspector for Nautical Affairs of Ploput, presented the role and importance of lighthouses and other safety facilities in the Republic of Croatia. "Visual objects of maritime signalization are still the most reliable system for marking maritime hazards and waterways." - said Petrovic. Of special interest to the participants during the second day of the conference was the presentation on the Register of Navigation Safety Facilities, which is displayed on the GIS platform, and allows to report the malfunction of the safety facility. The GIS platform is available at rosp.ploput.hr

Colleagues from the Hydrographic Institute of the Republic of Croatia (HHI) were not able to confirm attendance for the event because of the predicted filed commitments. HHI has created and launched in 2021 geoportal GeoAdriatic to share with the public its specific spatial data used for producing up-to-date navigational charts and publications. In the light of S-124 Standard, HHI has assumed a new structure of radio navigational warning information and adapted it for update and display through GIS applications. The geoportal is available on a cloud in the ESRI ArcGis Online PI platform enabling rapid production and visualization of spatial data stated that the implementation of new technologies has not only simplified the visualization of spatial data but has also made it necessary.

Joaquim Ballabrera, from Spain CSIC, showed the use of open source "cosmo-view" and its layers such as Copernicus velocity field, observed trajectories, simulated trajectories, location of navigational warning message, EMODNET coastline, bathymetry, ect which combined with the climatology atlas and atlas of the sea currents can be very useful in the search and rescue operations. Various efforts have been conducted to improve the ocean current visualization app and the ocean Atlas portals to integrate Navigational Warning issued by Shom maritime traffic, routing, backtracking and quality metrics for forecasting.

The EUREKA project implemented by the Croatian Ministry of the Sea, Transport, and Infrastructure, al Lead partner of the project EUREKA, was presented by Toni Maričević, as part of the Transferring and Capitalisation, as well.

The main Communication Manager of the project, Martina Antunović from the Cluster of Intermodal Transport (KIP), who is also responsible for the very successful organization of the conference, pointed out the possibility of regularly informing all stakeholders about activities and knowledge of the MED OSMoSIS project by subscribing to the Newsletter, info@shortsea.hr.

In conclusion, the MED OSMoSIS Project contributed to the identification of important maritime surveillance activities and stakeholders involved in maritime surveillance, data collected, sensors used, and different data exchange solutions in use. Also, a better insight into the differences between the institutions was obtained, which contributes to a better understanding of the current situation and defines the activities that need to be undertaken to improve maritime surveillance at the national level and in the Mediterranean in general.

To gather additional knowledge, the MED OSMoSIS project blog was launched, and Katja Božić, project manager in front of Plovput invited those involved in maritime transport supervision to get involved with comments on the MED OSMoSIS blog

During the past two days, all partners were delighted with the meeting and exchange of project results and information in Opatija.

MED OSMoSIS is a project worth a total of 3 million euros and is being implemented until the end of September 2022. The leading partner in the project is the Ministry of Maritime Affairs and Island Policies of Greece, and along with Croatian partners KIP - Cluster of Intermodal Transport and Plovput d.o.o., other partners in the project are: DGAM - Autoridade Maritima Nacional - Portugal, Valencia Port Fundacion - Spain, CSIC - Consejo Superior de Investigaciones Cientificas - Spain, Shom - French Naval Hydrographic and Oceanographic Service - France, NIB - National Institute of Biology - Slovenia, Abruzzo Region - Italy and the Ministry of Capital Investments of Montenegro.