

# Dubrovnik Flood monitoring and risk prevention centre developed

Final deliverable June/2023

Deliverable number 5.7.4.

<b>Project Acronym</b>	STREAM
<b>Project ID Number</b>	10274539
<b>Project Title</b>	Strategic development of flood management
<b>Priority Axis</b>	Safety and resilience
<b>Specific objective</b>	2.2- Increase the safety of the Programme area from natural and man-made disaster
<b>Work Package Number</b>	WP 5
<b>Work Package Title</b>	Pilot projects
<b>Activity Number</b>	5.7
<b>Activity Title</b>	Urgent services pilot
<b>Partner in Charge</b>	<b>Dubrovnik Neretva County (PP1)</b>
<b>Partners involved</b>	LP, DNC, LIRA, Town of Poreč-Parenzo, RERA
<b>Status Final</b>	<b>Final</b>

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## Introduction

As part of the STREAM project, the Dubrovnik-Neretva County renovated the building and equipped the Center for Flood Monitoring and Risk Prevention located in the City of Opuzen. Seven local self-government units in the flood-endangered area of the Neretva River delta benefit from the Center. With the successful implementation of the project activities, equipment was acquired and allocated for the fire brigades from the area of Konavle, Dubrovnik County, the City of Dubrovnik, the Dubrovnik coast, the municipalities of Pelješac, the islands of Korčula, Lastov and Mljet, and the Neretva valley, intended for the repair of damage in the flood-affected area.

### D.5.7.4. Dubrovnik Flood monitoring and risk prevention centre developed

Dubrovnik Neretva County (PP1) has developed Flood monitoring and risk prevention centre. In December 2020, an open public procurement procedure for low-value works for the arrangement of the Dubrovnik Flood monitoring and risk prevention center was launched. The procedure was also carried out during the third reporting period, and in March 2021. the Contract for the execution of works was signed. During 4<sup>th</sup> project implementation period (from 01/07/2021 to 31/12/2021) all contracted small scale infrastructure works were completed. The Center for Flood Monitoring and Risk Prevention has been arranged and equipped.

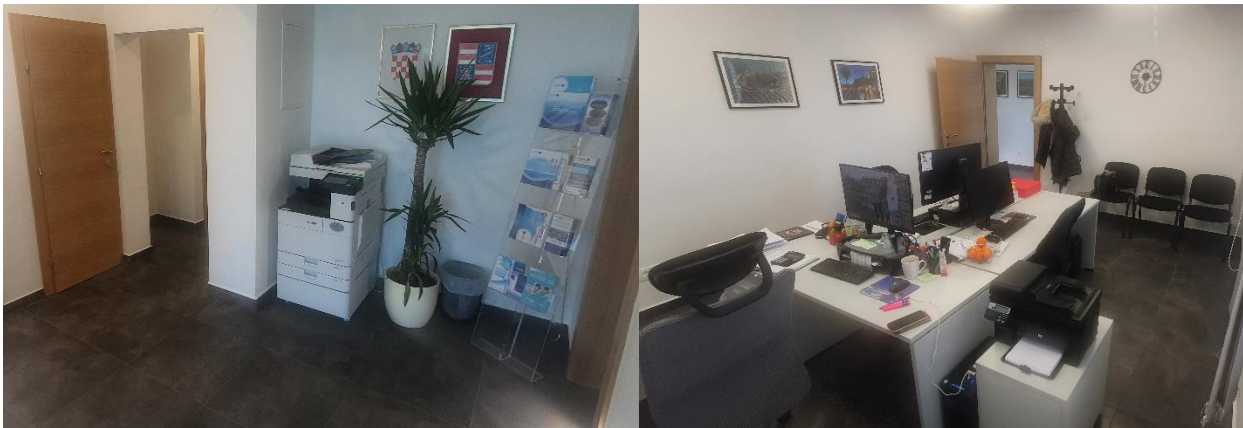


Figure 1. Figure 1. The Center for Flood Monitoring and Risk Prevention

Seven local government units in the flood sensitive area of Neretva River Delta as well as end-users and project partners has benefits from Dubrovnik flood monitoring and risk prevention centre. The special accent is on professional rescue services (fire departments, mountain rescue service). The centre has cross-border relevance being a place for knowledge transfer and coordination in the Programme area between all relevant institutions. Professional rescue services use the centre for different training and workshops activities during the project and after the project ends under Dubrovnik-Neretva County coordination especially through actions of County Operations Centre. Thus, workshop for operational forces and participants in the civil protection system was held on 21<sup>st</sup> October 2021 in Flood monitoring and risk prevention centre. In addition to workshops, project meetings were held in the Centre. The use of the Centre is shown in the photos below.







Figure 2. Project meetings organized in the center

Along with the Flood monitoring and risk prevention centre, Dubrovnik Neretva County acquired thematic equipment that will significantly increase safety, improve readiness and management of the operational risk of flood for its operational forces. In the 4<sup>th</sup> reporting period (from 01/07/2021 to 31/12/2021) a public procurement procedure was carried out and equipment for civil protection operational forces necessary for flood interventions was procured. The purchased equipment is divided into two groups. One is for repairing damage to buildings in the flood-affected area and the other one is for various interventions in the flood-affected area. The purchased equipment is shown in the photos below.







Figure 3. Thematic equipment for civil protection operational forces

During the 5<sup>th</sup> reporting period (from 01.01.2022. - 30.06.2022.), Dubrovnik-Neretva County (PP1) monitored procurement of specialized equipment for removing the consequences of sea pollution with associated equipment for installation during the intervention of operational forces of civil protection. The specialized equipment was delivered to Dubrovnik Neretva County. All purchased equipment was used during training drills which is shown in the photos below.





Figure 4. Training drills with purchased equipment

Due to some financial savings that occurred Dubrovnik Neretva County (PP1) has managed to purchase some additional thematic equipment that will create a holistic system which will have an enhanced value that will be much greater than the sum of its parts. The equipment was assigned for the Croatian Mountain Rescue Service-Dubrovnik station, and includes three sets of tents and an oil heater. Tents can be used to set up medical or operation centers in cases of need. Additional thematic equipment will contribute to the improvement of readiness and management of the operational risk of flood. The additional purchased thematic equipment is shown in the photos below.





Figure 5. Acquired equipment for the operational forces of civil protection

## Conclusion

The area of the Neretva valley is recognized as one of the most sensitive areas of the Republic of Croatia, therefore the equipping of the Dubrovnik Flood monitoring and risk prevention center with modernized equipment and the training of rescue services was extremely important for the operation and mitigation of flood disasters. Thematic equipment will contribute to the improvement of readiness and management of the operational risk of flood.



