

A STREAM OF SOLUTIONS TO COPE WITH FLOODING RISKS

Info Days

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www.italy-croatia.eu/stream



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Introduction

The organisation and participation of the project partners in public events was a crucial activity in the STREAM communication strategy to raise awareness about flood risks and inform about project results and achievements. STREAM partners were committed to organise 11 local workshops - 6 in Croatia (Zadar, Dubrovnik, Split, Poreč, Karlovac, Gospić) and 5 in Italy (Venice, Bari, Ancona, Lecce and Bologna) and 22 infoday in the same territories but in the framework of other local events.



1. Local Info days in Italy

Partner name	IUAV - PP15
Date	7 Oct. 2021;
Location	Venice
Number and type of participants:	100 in person technicians, researchers and administrators,
	citizens.

Description:

IUAV University organized 1 info day within a larger event titled *Water Cities: Managing flood risk reduction on the Adriatic coasts*. The event gathered different experts in a round table who discussed challenges and opportunities in managing the coastal zone, particularly in the face of a changing climate and increasing human impacts. The topics covered the meteorological, climatic, and hydrological aspects with the implications in mitigation planning and adaptation to climate change as well as in emergency management and forecasting in terms of PC of hydraulic-hydrogeological-tsunami risk.

Partner name	CNR-ISMAR – PP6
Date	28 September 2021
Location	Venice
Number and type of participants:	38 – experts from public institutions, scientific
	Stakeholders, general public

Description:

The event was held jointly with ADRIACLIM project and focused on ocean modelling. The main goal of the workshop was to bring together leading international experts from universities, research centres and public institutions to discuss the state of the art, knowledge gaps and perspectives of the ocean modelling activities in the Adriatic Sea. The event was open to the general public too.

Partner name	Arpae PP4
Date	14 July 2022 and 1 April 2023
Location	Ravenna and Comacchio – (Emilia-Romagna Region)
Number and type of participants:	 100 participants in Ravenna: European and Italian university experts and students, local authorities, international and Italian private company and organizations operating in the field of oceanography; 90 in Comacchio among which students, civil protection volunteers, regional civil protection officers
Description:	



Arpae held an infoday in Ravenna in the framework of the WACOMA Symposium on 14 July, 2022 to present the STREAM project to international and local stakeholders. Organized by the University of Bologna in collaboration with the University of Algarve (Portugal) and the University of Cadiz (Spain), the WACOMA Symposium is the concluding event of the Erasmus Mundus Joint Master Degree Programme in Water and Coastal Management (WACOMA). The main aim of the Symposium was to provide insights on aquatic, environmental and coastal marine sciences, water and coastal hazard and risk mitigation, climate change impacts on coastal areas and green economy. Arpae presented STREAM during the session "New developments for supporting the Emilia-Romagna Region coastal management" and explained how the project is supporting the implementation of an early warning system for sea floods in the area. In the afternoon, Arpae presented also some results reached within the STREAM project during his intervention entitled "An expansion towards probabilistic oceanographic forecasts: recent developments at Arpae-SIMC". Both presentations emphasized the importance of the STREAM project on the development and upgrading of both modelling and observing systems towards better approaches in what refers to an integrated management of the Emilia-Romagna coastal areas.

On April 2023 Arpae, held a second event in Comacchio involving students, civil protection volunteers, regional civil protection officers in the contest of a coastal exercise.

ASSET PP 5
9 June 2022
Bari
73 technicians, researchers and administrators

Description:

The Info Day took place on June 9, 2022. The event's framework was a conference titled: *Risk, Flooding and Coastal Erosion: between Monitoring and Planning* and saw the participation of architects, engineers and geologists, institutions, university professors and researchers as well as project partners who discussed different solutions for land protection at regional and international scale. The event was jointly held with 3 other European projects AETHER, FRAMESPORT, and SILVANUS according a cross-fertilization approach.

Partner name	Marche Region and UNIVPM
Date	11 October 2020 (digital), 24 Sept. 2021; 15 March
	2021, 20 March 2023, 27 June 2023
Location	Ancona
Number and type of participants:	150 among which students, professionals, civil protection officers and volunteers, general public

The Marche Region and UNIVPM organized together 4 events in Ancona in the course of the project. The first of these one was held digitally on 11 Oct. 2020 inside civil protection national week and the national *campaign I don't take risks digital edition. I don't take risks* is a national communication campaign on good civil protection practices that promotes resilience. In 2020, due the Covid 19 pandemic the event ran digitally. STREAM partner participated in the

event with 21 virtual squares in 21 municipalities in the region. On September 24th, the Polytechnic University of Marche organized an infoday in Ancona presenting to the general public the educational games produced thanks to the STREAM project.

The last info day took place in the morning of 27 June within a larger event titled *Monitoring and Protection of the Territory Between Adaptation and Innovation* that involved also the Interreg ITALY-CROATIA projects ADRIACLIM, CASCADE to highlight the contribution of these projects to environmental development of the



Marche region. The event aimed to show to the general public and a specialist audience how concrete the action of European projects can be on the territory on the topic flood risk, climate change and coastal defense.

Partner name	ADSU TERAMO
Date	18 January 2023; 15 March 2023
Location	Teramo
Number and type of participants:	83 experts, administrators, students, general public
The info day aimed to present in particular the results from the pilot project: all technical	

details such as field sensor and devices installed on pilot area and operation of the control system

2. Local Info days in Croatia

Partner name	
Date	30 September 2022, 12 May 2023, 26 May 2023,
	27 June 2023, 30 June 2023
Location	Gospić
Number and type of participants:	78 in total among which students/teachers, school
	children, /general public
Description: STREAM partner Lira DEVELOPMENT AGENCY OF LIKA-SENJ COUNTY organised 5 info days	

Description: STREAM partner Lira DEVELOPMENT AGENCY OF LIKA-SENJ COUNTY organised 5 info days in Gospic in the framework of other events.

30.9.2022. Info day during the manifestation "Autumn in Lika for the general public - the manifestation was in the form of a fair, so the number of participants is not exactly defined, the event gathers more than 10,000 visitors every year; on 12.5.2023 an Info day within the celebration of the EU week - 24 participants; on 26.5.2023 in Gospić with - 49 participants; on 27.6.2023 in Perušić, within the drills and exercises - 48 participants; on 30.6.2023 in Gospić - during the Commemoration of the 10th anniversary of Croatia's accession to the EU - 14 participants

Partner name	ZADRA NOVA – LP and UNIZADAR
Date	31 March 2023 (Ploča), 5 May 2023 (Biograd na
	Moru), 17 April 2023 (Vruljica); 18 May 2023
	(UNIZD), 1 June 2023 (UNIZD)
Location	Zadar
Number and type of participants:	337 participants in total among which
	representatives of local authorities, citizens, school
	children, teachers, students,

Description:

Zadra Nova and UNIZADAR succeeded in the organization of 5 info days in different locations in Zadar. For the completion of the rain garden in Biograd na Moru, Ploča and Vruljica ZADRA NOVA held 3 info-days with the purpose to present results from the pilot projects. The construction of rain gardens is part of the STREAM pilot project in Zadar, and these smart drainage systems are modern construction solutions that work on the principle of rainwater collectors that retain larger amounts of water, along with plants that possess significant absorption potential. This prevents floods caused by large amounts of rainfall in a short



period of time (pluvial floods). Public ceremonies addressed to the citizens, schools and public authorities were held to inaugurate the works done. The two info-days organized by UNIZADAR in June 2023 were the occasion to present the Flood Cadastre created within the project and the flood risk and flood hazard maps which have been created for the towns of Zadar, Split, Mektović, Poreč, Gospić and Biograd na Moru.

Partner name	Dubrovnik Neretva County -
Date	12 March 2021; 12 June 2023 (Opuzen);
Location	Opuzen
Number and type of participants:	60 participants in total among which school children; municipalities, Civil Protection representatives, other relevant stakeholders; Croatian Waters, Civil Protection Headquarters, Public Fire Brigades, Voluntary Fire Brigades, HGSS, and representatives of Dubrovnik-Neretva County, County Development Agency DUNEA, and other stakeholders.

Description:

DNC organized the first Info day for local stakeholders on March 11th in Opuzen aiming at presenting the planned project activities.

A second event was held on June 12, 2023 at the Flood Monitoring and risk prevention Center in Opuzen to present the achievements of the pilot project. Infact, the building of the Flood monitoring and risk prevention Center was renovated and newly equipped for flood intervention. With the project results also all the acquired equipment was presented to the audience.

https://www.edubrovnik.org/u-opuzenu-predstavljeni-rezultati-eu-projekta-stream/

Partner name	Karlovac County
Date	21 November 2022
Location	Karlovac
Number and type of participants:	100 in total among which students/teachers, school children, /general public

Description: - On November 21, 2022, Karlovac County, held an INFO DAY at the Karlovac Gymnasium addressed to the school students.

The goal of this event was to present the STREAM project and to make the students aware of the potential threats of floods in Karlovac County. The presentation was given by some technicians from the Karlovac County and their external experts. The young group of participants showed awareness of the risk of floods, which are very common in Karlovac County, and they became familiar with the tools and flood defence systems, which are being developed within STREAM. An informative desk was set up in the school lobby from 9 am to 11 am where the students received useful materials and were informed about the tools and plans for early warning and flood risk monitoring.

Partner name	Town of Poreč - Parenzo
Date	14 and 26 June 2023
Location	Poreč - Parenzo
Number and type of participants:	44 in total among which school children, /general
	public



Description: - The Town of Porec held 2 info-days on June 14 and June 2026: the first one was addressed to school children and the second to entrepreneurs. The goal of this event was to present the STREAM project and to make the participants aware of the potential threats of floods in Poreč.

Partner name	Public Institution RERA S.D. for coordination and
	development of the Split-Dalmatia County
Date	4 May 2023
Location	Split
Number and type of participants:	17 the school students

Description: - On May 04, 2023, Public Institution RERA S.D., held an INFO DAY at the Kampus Sveučilišta u Splitu, UI. Ruđera Boškovića 31, 21000, Split addressed to the school students.

The goal of this event was to present the STREAM project and to make the students aware of the potential threats of floods in Split-Dalmatia County. The young group of participants showed awareness of the risk of floods, which are very common in Split-Dalmatia County, and they became familiar with the tools and flood defence systems, which are being developed within STREAM.

3. Conclusions

The Covid-19 emergency forced to rethink the format of the public events which in the first phase of the project were turned into digital events. With the ease of the Covid -19 restrictions after 2021, all the partners were able to hold their local events. Infact, most of the local infodays took place in the last year of implementation of the project. Each one of these events gathered great numbers of stakeholders. These events contributed also to raise the attention of the local media with the publication of articles on the local digital and printed papers.

Project partners succeeded in organising 27 info days out of which 11 in Italy and 16 in Croatia that directly involved 1327 different stakeholders (both in presence and on line) about which 651 were in Italy and 676 in Croatia .

4. Some pictures from the events















