

2014 - 2020 Interreg V-A  
Italy - Croatia CBC Programme  
Call for proposal 2019 Strategic

## CoAStal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt

**CASCADE**

Project ID: 10255941

Priority Axis: Environment and cultural heritage

Specific objective: Improve the environmental quality conditions of the sea and coastal area by  
use of sustainable and innovative technologies and approaches

### **D2.4.5**

Local events (about a total of n. 10 guided  
tours, n. 10 laboratories, n. 10 seminars, n.  
10 workshops, n. 5 scientific training)

PP in charge: all PPs

### Report of Laboratories – part 2

Final version

Public document

June, 2022

Project acronym	<b>CASCADE</b>
Project ID number	<b>10255941</b>
Project title	<b>CoAStal and marine waters integrated monitoring systems for ecosystems protection AnD managemEnt</b>
Priority axis	<b>3 - Environment and cultural heritage</b>
Specific objective	<b>3.2 - Contribute to protect and restore biodiversity</b>
Strategic theme	<b>3.2.1 - Marine environment</b>
Word Package number	<b>WP2</b>
Word Package title	<b>Communication activities</b>
Activity number	<b>Activity 2.4</b>
Activity title	<b>Events, Training and Workshops</b>
Partner in charge	<b>All PPs</b>
Partners involved	<b>All PPs</b>

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**Study visit Foce Bevano  
Bike ride in Pineta Ramazzotti,  
Citizen Science Lab  
Workshop**

Saturday 10<sup>Th</sup> September 3.00 PM

**Event follow up report**

<b>Work Package:</b>	2. Communication activities
<b>Activity</b>	2.4 – Events, Training and Workshops
<b>Deliverable:</b>	2.4.5 - Local events: organized events as defined in the AF (guided tours, laboratories, seminars, workshops, scientific training) and external events. In this deliverable both organized meetings and external events attended by PPs must be included

<b>Project Partner:</b>	PP8 Delta2000
<b>Name of event:</b>	<b>Bike ride in Pineta Ramazzotti</b>
<b>Date:</b>	Saturday 10 <sup>TH</sup> September, 3.00 PM
<b>Event type:</b>	Guided bike ride, citizen science lab and workshop
<b>Event venue:</b>	Pineta Ramazzotti - Lido di Dante
<b>Short description of the event:</b>	Guided bike ride to discover the biodiversity of Pineta Ramazzotti, citizen science laboratory followed by a meeting with Dr. Giuseppe Prioli, expert and director of the Coop Mare of Cattolica.

<p><b>Speakers speeches, brief summary and conclusion:</b></p>	<p><u>3.00 pm - guided bike ride</u>  Meeting point: Viale Guido del Duca car park in Lido di Dante (Camping area Ramazzotti)  The pine forest represents a unique natural heritage that must be safeguarded and known for its extraordinary beauty and the animal species that live here. The area, in close proximity to the sea, hosts the nesting of the kentish plover, a protected species of wader that nestles on the beach. The participants were guided by an expert in the discovery of the forest: moving around with the bikes they could appreciate the diversity of the vegetation, trying to identify plants and flowers. It was interesting to discover that the area of interest in 2012 was destroyed by a wildfire, but thanks to the efforts of the local communities and associations in the last 10 it managed to recover well. The tour led the group down to the mouth of the Bevano river, a protected area where numerous species of birds live and nest. This salt marsh area allowed also to talk about alien species living in the Adriatic, such as the blu crab (<i>Callinectes sapidus</i>). Participants were also able to visit the interior of a “bilancione” the typical warehouse of fisherman used as a fishing point but also as storage for all the fishing tools.</p> <p><u>4.30 pm - citizen science lab</u>  One of the first steps in discovering and understanding biodiversity is to recognize the organisms that surround us and give them a name. Once we get to the watchtower located at the mouth of the Bevano, the participants were offered an activity of recognition of the plant species present on site. Using their own smartphones or tablets made available by the organization and an open source applications or platforms, such as Dryades, the participants were be able to try their hand at a laboratory of recognition and census of the typical flora of the area. This type of recognition activity carried out through open source platform allows to record and transmit data collected, contributing to the mapping of cataloged species, in context operational that is fully part of the citizen science actions</p> <p>6.00 pm - workshop: Integrated management and innovative models, with reference to Marine Areas Protected Areas, Biological Protection Areas and Sites of Community Interest, an opportunity for tourism, fishing and aquaculture  Later on, in a dedicated area of the camping Classe, people interested attended a workshop held by Dr. Giuseppe Prioli, expert and director of the Coop Mare of Cattolica. He gave informations on protected areas, fishing activities and aquaculture, also depicting the local situation; indeed the Adriatic is well know for the widspread presence of farms of clams and mussel, beside the economic dependence of the area on bottom trawling, whose damage to the marine environment is well known. It was a unique opportunity to learn and ask questions on the sea and its conservation, an all the attendee showed interest and participation.</p>
<p><b>Role of CASCADE partner in the event:</b></p>	<p>Delta 2000 coordinated the event and practically organized the activity through the external service provider Atlantide.</p>
<p><b>Type of audience/ target groups involved:</b></p>	<p>Tourists and families</p>



Atlantide

7 settembre 2022 · 🌐

Continuano gli appuntamenti gratuiti di Cascade Summer Events!

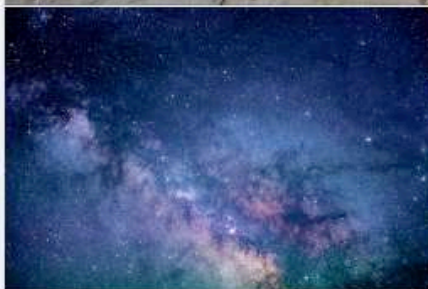
📍 **giovedì 8 settembre ore 21 a Bellaria** - "Navigare tra le stelle", osservazione del cielo stellato al telescopio elettronico guidati da Emanuele Cambiotti

📍 **sabato 10 settembre ore 15.30 a Lido di Dante**- "Bici in Pineta Ramazzotti", escursione a pedali fino alla foce Bevano e alle ore 18 workshop al Camping Classe insieme al Dottor Giuseppe Prioli, esperto di tutela degli ambienti marini

📍 **domenica 11 settembre alle ore 9** - "Pulizia della spiaggia a Foce Bevano", una giornata di pulizia nella suggestiva cornice di Foce del Bevano che per l'occasione verrà aperta in via straordinaria al pubblico. Attività condotta in collaborazione con associazioni locali.

Prenotati 📞 340 1739381 | [eventi.cascade@deltaduemila.net](mailto:eventi.cascade@deltaduemila.net)

[#cascade](#) [#cascadesummerevents](#)



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**Event follow up report**



<b>Work Package:</b>	2. <i>Communication activities</i>
<b>Activity</b>	2.4 – <i>Events, Training and Workshops</i>
<b>Deliverable:</b>	2.4.5 - <i>Local events: organized events as defined in the AF (guided tours, laboratories, seminars, workshops, scientific training) and external events.</i>

<b>Project Partner:</b>	PP13: University of Molise
<b>Name of event:</b>	Gli scenari futuri di oceani mari e coste
<b>Date:</b>	21/04/2022
<b>Event type:</b>	<ul style="list-style-type: none"> <li>- Laboratory</li> <li>- Organized event</li> </ul>
<b>Event venue:</b>	P10: <ul style="list-style-type: none"> <li>- Pineto</li> </ul>
<b>Short description of the event:</b>	An event designed to involve local stakeholders, in particular, sport fishing and artisanal fishing groups.
<b>Speakers speeches, brief summary and conclusion:</b>	Focus group about the changes that in recent years have affected the local coasts and sea and the impacts produced on the working activities, as well as the relationship of the two groups with the Marine Protected Area.
<b>Role of CASCADE partner in the event:</b>	The objective of the laboratory was to recover the relationship between sport and artisanal fishermen with the Marine Protected Area and establish a collaboration, through a focus group that highlighted the main characteristics, needs and critical issues that fishermen have encountered since the establishment of the MPA. Another topic discussed that of the opinions of these two groups on the future scenarios of the coastal marine environment in order to propose actions to restore and preserve these areas.
<b>Type of audience/target groups involved:</b>	<ul style="list-style-type: none"> <li>- Researchers</li> <li>- Associations</li> <li>- General public/Stakeholders</li> </ul>

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	6	Sport fishing and artisanal fishing groups



Local, regional and national public authorities	1	Guardia Costiera
Associations	1	Centro studi Cetacei
NGOs	1	MPA Management Consortium
Education and training organizations as well as universities and research institutes		

### Annexes:

- Photos from events





- Event poster



## LABORATORI CON GLI STAKEHOLDERS

Gli scenari futuri di oceano, mare e costa

 **21 aprile 2022**

 Area Marina Protetta Torre Cerrano

### Ore 15:30 - Laboratorio con i pescatori sportivi dell'Area

- Presentazione del Progetto CASCADE
- Focus group

### Ore 18:30 - Laboratorio con i pescatori artigianali dell'Area

- Presentazione del Progetto CASCADE
- Focus group



UNIVERSITÀ  
DEGLI STUDI  
DEL MOLISE

In collaborazione con:



Torre  
del Cerrano  
Area Marina Protetta

Partner:



Progetto CASCADE (CoASTal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt) - INTERREG V-A Italy-Croatia CBC 2014-2020 European Regional Development Fund



- Press release

<http://envixlab.unimol.it/eventi-cascade-a-torre-del-cerrano-aprile-2022/>  
<https://www.facebook.com/107837484810983/posts/319479730313423/>

- Participants list

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**Event follow up report**



<b>Work Package:</b>	2. Communication activities
<b>Activity</b>	2.4 – Events, Training and Workshops
<b>Deliverable:</b>	2.4.5 - Local events

<b>Project Partner:</b>	RBi Rudjer Boskovic Institute
<b>Name of event:</b>	Education and training organizations as well as universities and research institutes
<b>Date:</b>	04. 10. 2021
<b>Event type:</b>	Lecture and laboratory tour- External event
<b>Event venue:</b>	In presence – Center for marine research Rovigno
<b>Short description of the event:</b>	On October 4 2021 in Center for marine research we organized a lecture and guided laboratory tour for 20 students from scquola superiore Dante Alighieri di Pola
<b>Speakers speeches, brief summary and conclusion:</b>	A Hight school from Pula pay a visit to the Center for Marine Research at Ruđer Bošković Institute. In first part of their visit they attended to 45 minute lecture and later they pay a visit to the laboratories.
<b>Role of CASCADE partner in the event:</b>	Daniela Maric Pfannkuchen, wp 2 leader introduced the event to the students and teachers. The lecture was aimed at publicizing the Institute history, local research themes and presentation of international projects the INTERREG project CASCADE. During the laboratory tour other colleagues Natasa Kužat and Victor Singa Perusco explained lab work.
<b>Type of audience/target groups involved:</b>	The event involved people from scientific community, governance, local economies and general public.

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
Education and training organizations as well as universities and research institutes	1	2 teachers and 20 students from high school participated to the event

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**Annexes:**

- 1\_Photos of the lecture and laboratory tour
- 2\_Presentation of CASCADE Project;

## Annex 1 Photos

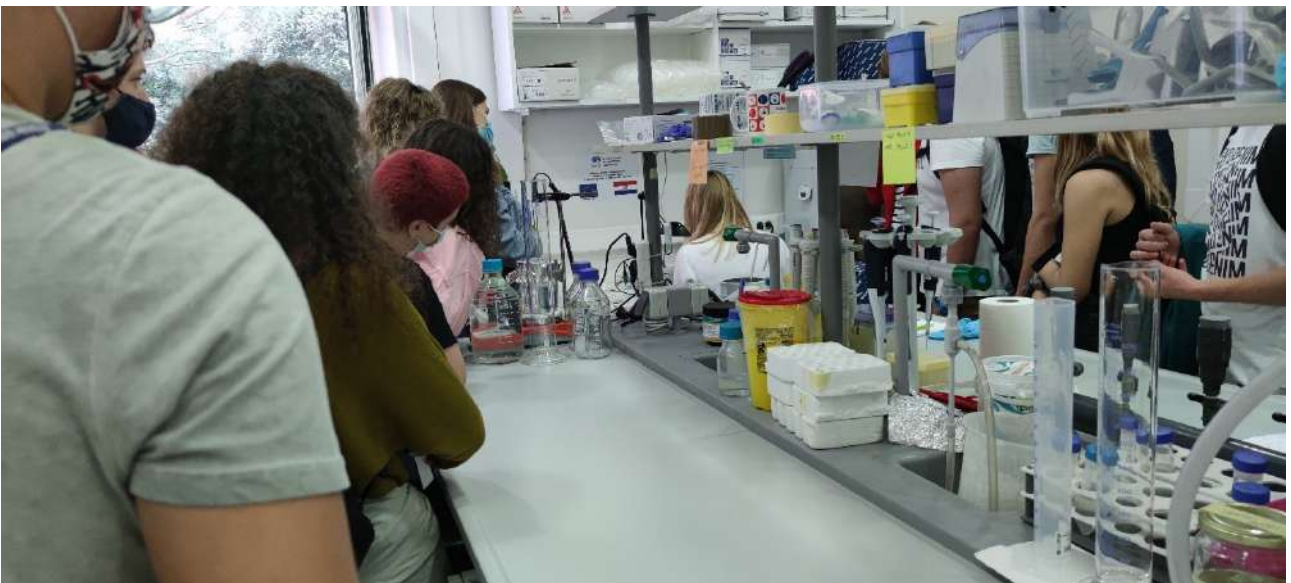















## Presentation





Denise Mair, Planktonien

Istraživanje fitoplanktona u sjevernom Jadranu

INSTITUT RUDER BOŠKOVIĆ  
CENTAR ZA ISTRAŽIVANJE MORA  
ROVINJ, HRVATSKA


Ruder Bošković Institute  
Center for marine research  
Rovinj

130. years of marine research in  
Rovinj

1891. Opening of the Station of Berlin aquarium in Rovinj


1891 dr. Otto Herms (Director of the Berlin aquarium) established the field station of the Berlin aquarium called "Zoological Station of the Berlin aquarium"



Station des Berlin-Aquariums - 11.05.1891




1900.

- The building became too small and was enlarged.
- For field research the research vessel "Rudolf Limbow" was bought




The building of the "station" of the Berlin Aquarium 1900.

Some of the boats


1914. *Loligo*- submarine

- The first research submarine in the world "Loligo" was built for the Rovinj station entirely sponsored by dr. P. Schombinger



130. new species described

- ... 130 new species of marine flora and fauna, were described in Rovinj, with the names *Souparoneia*, *Limbowia*, *gastropoda* ...




... 1928 *Darwin* published first complete list of flora and fauna of Adriatic sea


*All souparoneia (Fossil, 1940)!*

1972. *Vila Velebita*

- ... a former minesweeper was purchased, adapted for biological research and named "Vila Velebita"




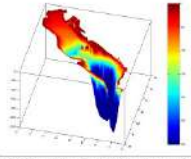
Institut Ruder Bošković, Centar za istraživanje mora



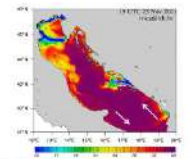
130. years of marine research in Rovinj

18 years of hydrobiological research of the center for marine research in Rovinj (Croatia) A short report





Jedini se spomen biološki muzej podigao u 81. godini nezavisnosti nezavisni jugosl. Republike na jezeru otok 1300 m<sup>2</sup>, a površina je zaštićena postrojenjem, prema hidrografičkim, limnoloz. i hidrobiološkim istraž. (1950. m.)



Cirkulacija u Jadranu je ciklonalna, ulazna struja obilazi uz našu obalu dok izlazna ide uz talijansku obalu. Ulazna struja naziva se klobuča Jadranskega STRUJA (EAC) - KVV ulazna. Zapadna Jadranska struja (WAC)-SE-izlazna







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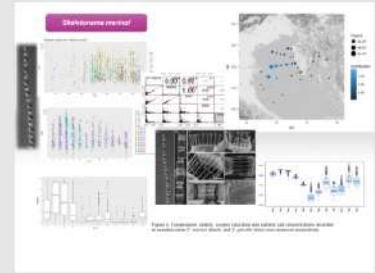
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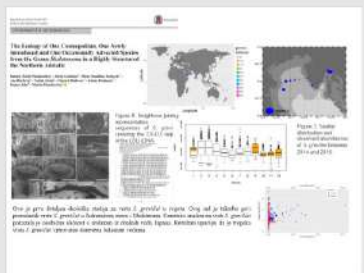
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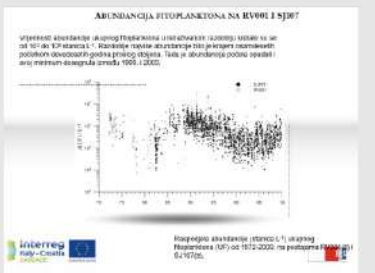
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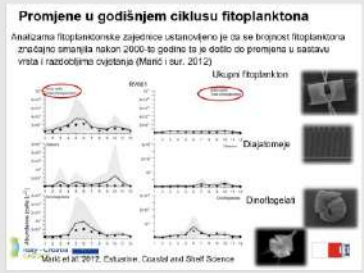
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**Bacillariaceae** jadranskih Oudrijan, Marit & Planoskičan 2012. revo je opisana vrsta dijetelega u jadranskom moru. Dječilo vrste, brzo se razmnožava, a specifična je po tome što u jednom tipu staništa kolonizira stanice su slabo slične, te dostižu iznimno visoku brojku lito nije uočljiva za kod Bacillariaceae. Ina je dobila po jadranskom moru

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Coastal P. R. 2010, Bolnica marina

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Tekućni dinoflagelati roda *Cylindrocapsa* žive pričvršteni za betičke alge, npr. roda *Cylindrocapsa*. *Cylindrocapsa* vrsta ima mogućnost izmetati snažnih neurotoksičnu kao što su polibrom, omelekin, a najveća koncentracija je u rupu kada su i koncentracije lokalna u monokulturi aerostata najviše. Čak obična setnja uz more može izazvati alergijske reakcije i hurgaju.

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**Eurytemora affinis**  
Team Publishing Dinoflagellate of *Eurytemora affinis* in *Eurytemora affinis* along Coastal Area

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**Dinoflagellate tossiche**

Le dinoflagellate sono il gruppo di microalghe che contiene il maggior numero di specie potenzialmente tossiche.

Specie tossiche appartengono ai generi *Alexandrium*, *Cryptodinium*, *Gyrodinium aureolum*, *Gyrodinium aureolum* e *Prorocentrum*.

Tossina vengono accumulate all'interno di alcune cellule del paravale degli embrioidi matre (tra i raggruppare l'altro).

Genere	Specie	Struttura	Struttura	Struttura	Struttura
<i>Alexandrium</i>	<i>A. catenella</i>	<i>A. catenella</i>	<i>A. catenella</i>	<i>A. catenella</i>	<i>A. catenella</i>
<i>Cryptodinium</i>	<i>C. ocellatum</i>	<i>C. ocellatum</i>	<i>C. ocellatum</i>	<i>C. ocellatum</i>	<i>C. ocellatum</i>
<i>Gyrodinium</i>	<i>G. aureolum</i>	<i>G. aureolum</i>	<i>G. aureolum</i>	<i>G. aureolum</i>	<i>G. aureolum</i>
<i>Prorocentrum</i>	<i>P. minimum</i>	<i>P. minimum</i>	<i>P. minimum</i>	<i>P. minimum</i>	<i>P. minimum</i>

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**Dinophysis**

Specie del genere *Dinophysis* producono acido ossalico, tossico ingerito nel DSP (Dinoflagellate Poisoning).

Nel 2010 in Italia esiste è stata segnalata alla sbarra di D. *D. spissa* (1300 cell/L) e D. *caudata* (200 cell/L).

A causa della elevata concentrazione di tossina che produce DSP e che agisce a livello enterico (D. *spissa* e D. *caudata*) tutti gli organismi di cui si nutrono possono essere tossici.

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work in progress

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**Event follow up report January-June  
2022 – PP5 IUAV**



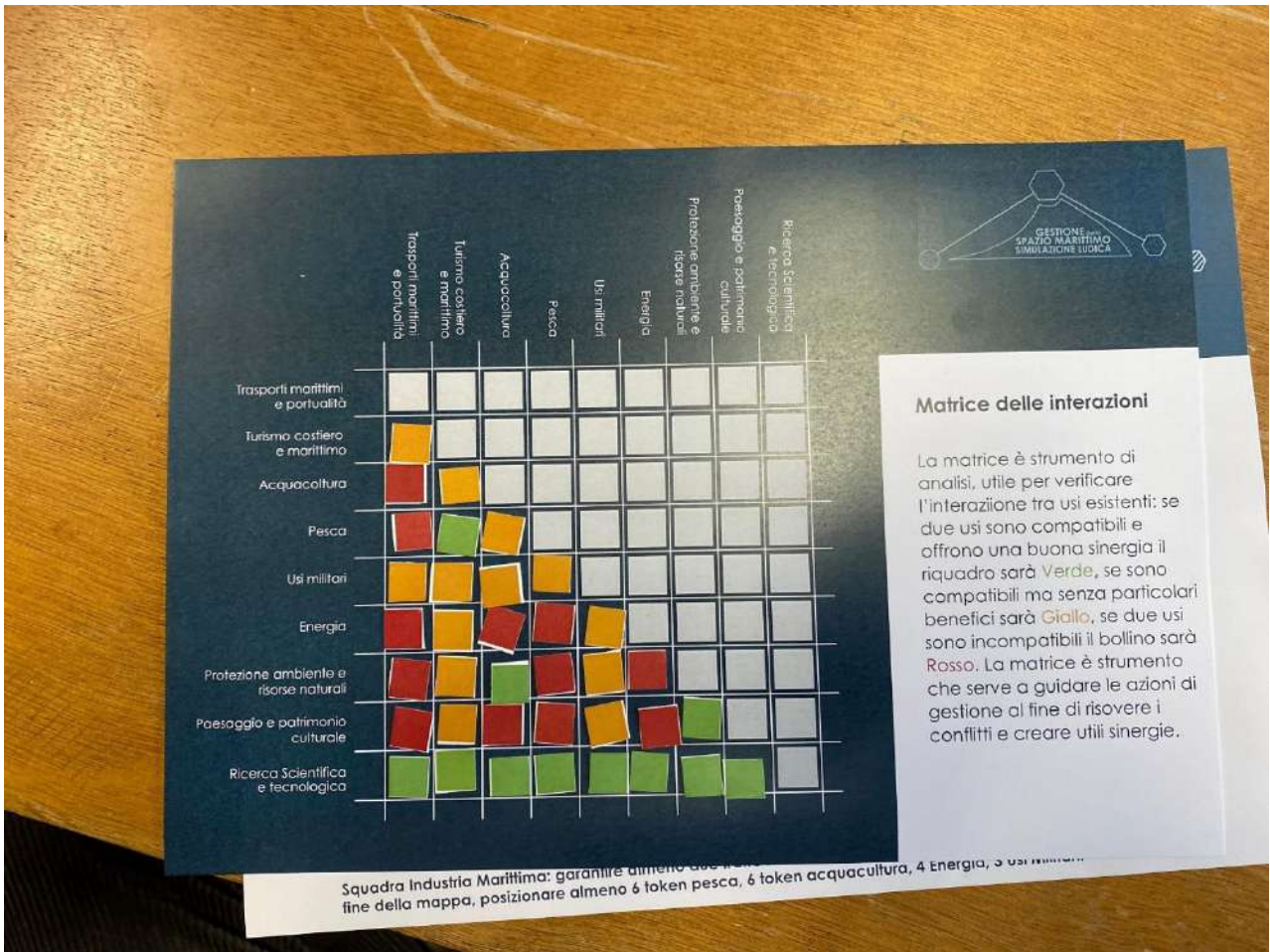
<b>Work Package:</b>	<i>2. Communication activities</i>
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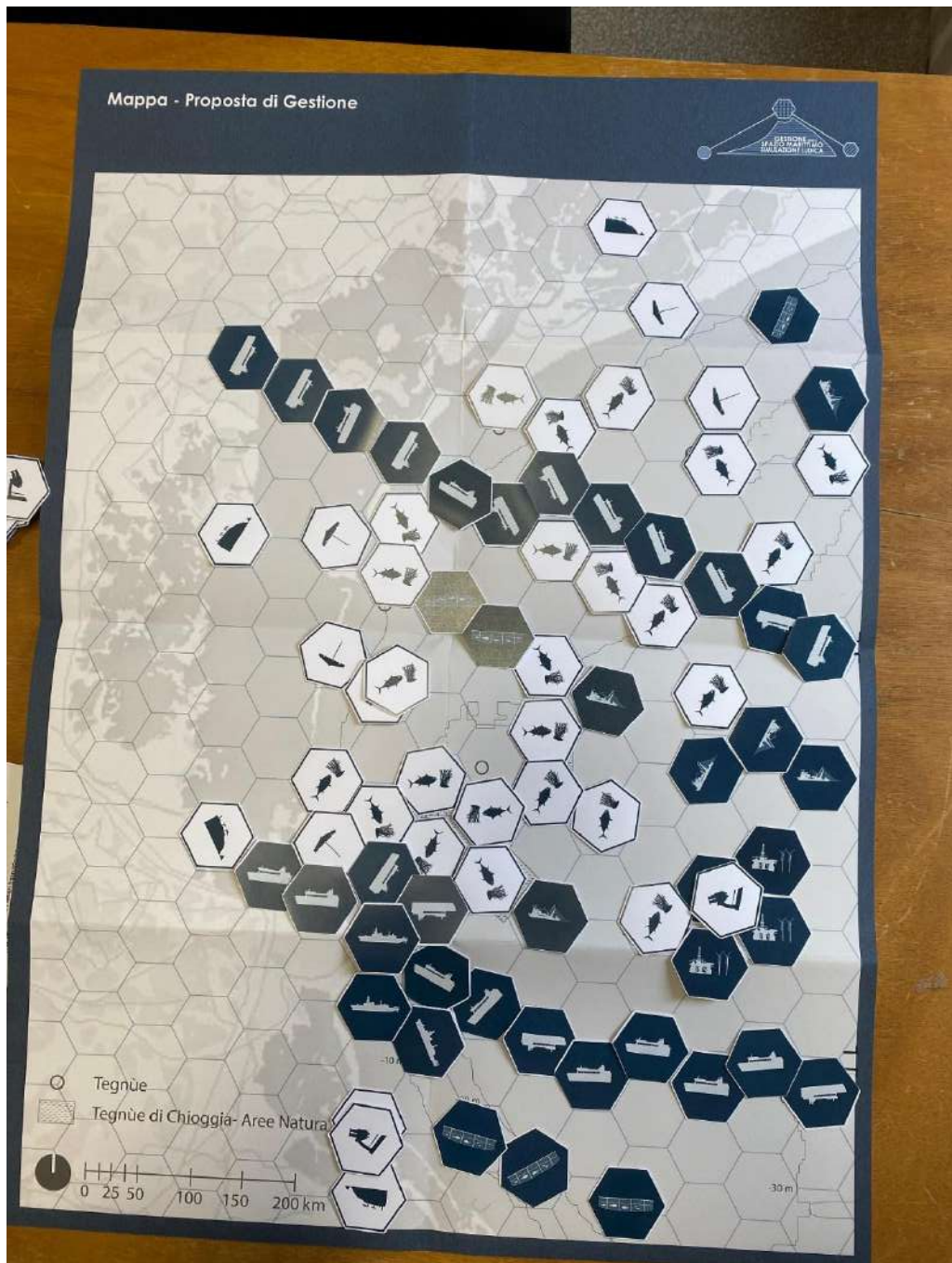
<b>Project Partner:</b>	<i>PP5 IUAV University</i>
<b>Name of event:</b>	<b><i>MSP Board Game Ocean&amp;Climate Village di ioc-Unesco</i></b>
<b>Date:</b>	<i>30/03/2022</i>
<b>Event type:</b>	<i>Organized event - Laboratory</i>
<b>Event venue:</b>	<i>In presence</i>
<b>Short description of the event:</b>	CASCADE project PP5 IUAV University presented at the IOC-Unesco Ocean&Climate Village, a board game made by the research team. The gaming session involved a group of highschool students and focused on a simulation of the maritime spatial planning process around the Tegnùe di Chioggia area. This activity was aimed at communicating the importance of the sustainable management of the space for maritime activities. By playing, young students understand how difficult but productive the dialogue with stakeholders can be, to ensure Blue Growth and the protection of the sea.
<b>Speakers speeches, brief summary and conclusion:</b>	<p>The IUAV team (Soffietti, F., Carella, F., Brigolin, D.) collaborated with The Venice Regional Office of UNESCO (Maggioni, T.) to deliver a young audience engagement and awareness tool. The tool is a serious game conceived for high school students to simulate in a simplified, interactive and collaborative way the ecosystem-based management. The game was developed by IUAV with UNESCO feedback: it is designed for two groups of students: one group must reach economic development objectives while the other needs to meet conservation goals. They are asked, overall, to agree on allocation of activities to achieve correct management of sea activities in the Northern Adriatic. The game is composed of a "state of the art" map of the Northern Adriatic presenting main shipping routes, military areas, energy facilities and relevant natural assets (especially Tegnùe). The area of study and map are directly derived by the studies developed for workshops happening within the CASCADE project.</p> <p>According to the map and their knowledge students are asked to discuss within each group (with the aid of facilitators) and compile a matrix of uses to establish if uses are conflicting with each other.</p> <p>The groups' leaders present and compare the respective choices and move to a second map where they can suggest re-allocation of activities to reach the greatest number of synergies among sectors.</p>

	<p>A final debrief helps the understanding of the management study and process.</p> <p>The game was employed for the first time during the Venice edition of the Ocean and Climate Village, a class of 15 years old took part in the session. The game was conceived for slightly older students (+16-20 yrs old) however the students (20 circa) were able to complete, successfully, the full session. It appears that proactive, receptive students are interested in the topics (even though usually easier engaged on protection needs rather than blue economies ones) despite the young audience. The number of uses identified, nine (Fishing, Aquaculture, Surveillance and defence, Tourism, Sand extraction, Energy, Nature protection, Traffic, Research) appears to be too many for a 1-hour game because the analysis becomes too long. Simplification is required but the game structure can be considered valid in terms of awareness-rising and sensibilization on EBM.</p>
<b>Role of CASCADE partner in the event:</b>	Organizer
<b>Type of audience/target groups involved:</b>	Highschool students

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public		
Local, regional and national public authorities		
Associations		
NGOs		
Education and training organizations as well as universities and research institutes	Highschool students	A total of 25 participants, including students and teachers, attended the event.

Annexes:









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**Event follow up report**



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<b>Deliverable:</b>	<i>2.4.5 - Local events: organized events as defined in the AF (guided tours, laboratories, seminaries, workshops, scientific training) and external events.</i>

<b>Project Partner:</b>	PP13: University of Molise
<b>Name of event:</b>	Biodiversità sulla costa molisana
<b>Date:</b>	04/11/2021
<b>Event type:</b>	<ul style="list-style-type: none"> <li>- Laboratory</li> <li>- Organized event</li> </ul>
<b>Event venue:</b>	P7: <ul style="list-style-type: none"> <li>- Campomarino</li> <li>- Mouth of Biferno</li> <li>- CEA “Le Fantine”</li> </ul>
<b>Short description of the event:</b>	Laboratory and field monitoring activities were carried out that led to the collection of biodiversity data of flora and fauna present in the area of the mouth of the Biferno River.
<b>Speakers speeches, brief summary and conclusion:</b>	<p>The conservation of coastal biodiversity was discussed, with an in-depth study on the spread of invasive exotic plant species.</p> <p>In addition, a crucial theme treated was the pollution from waste to assess the impacts on biodiversity of these anthropogenic pressures and develop strategies to reduce them and mitigate adverse environmental effects.</p> <p>On this occasion, the production of a video clips by PP13 within the project was started, with the aim to communicate to an audience of non-experts, objectives, and results of the project through the Partner and the Project social media.</p>
<b>Role of CASCADE partner in the event:</b>	The aim of the laboratory was to create a training path for young researchers and the University of Molise students. And, through pilot actions, to establish relationships and create synergies with local environmental associations.
<b>Type of audience/target groups involved:</b>	<ul style="list-style-type: none"> <li>- Professors</li> <li>- Associations</li> <li>- Researchers</li> <li>- Students</li> </ul>

Target groups (AF Section F)	Target groups reached in	Details of involved target
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	this event	
General public	20	A group of students and researchers from the University of Molise, association members
Local, regional and national public authorities		
Associations	1	Local Association Ambiente Basso Molise
NGOs		
Education and training organizations as well as universities and research institutes		

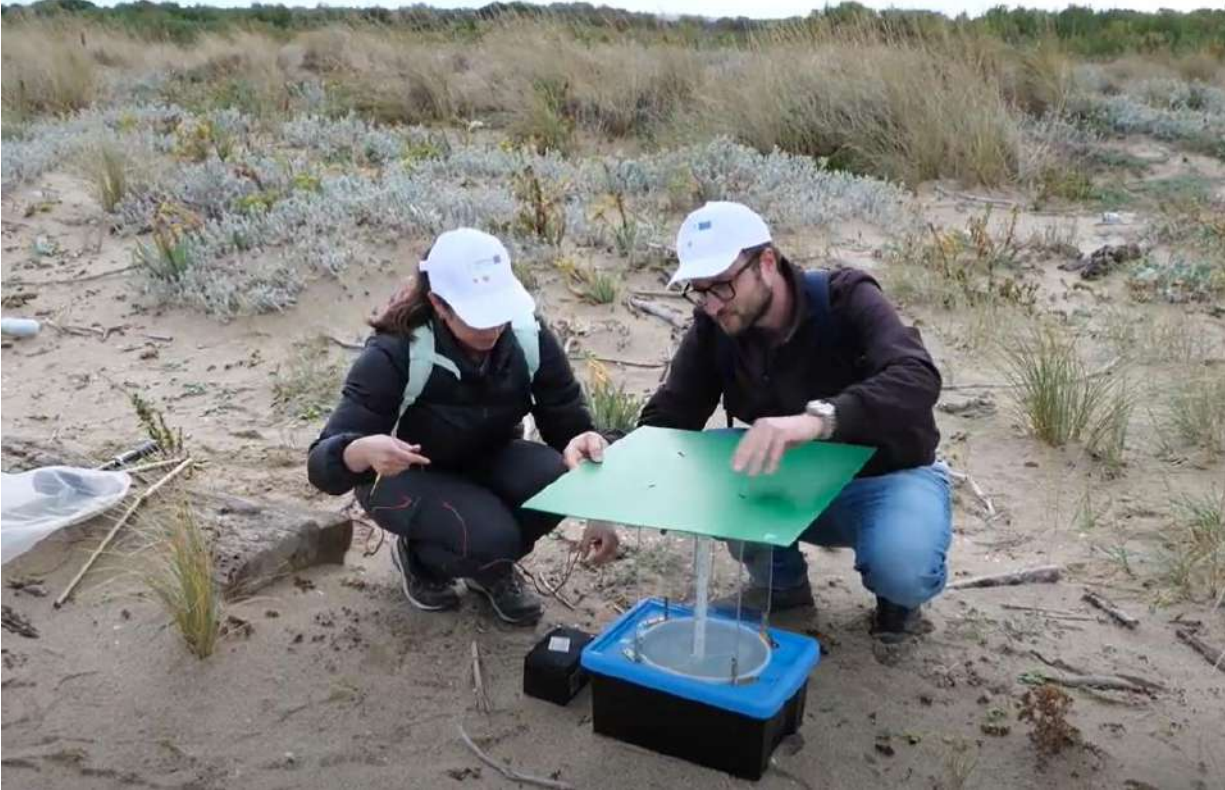
### Annexes:

- Photos from events









- Event poster



## La biodiversità sulla costa molisana



4 Novembre 2021 ore 9:00



Campomarino - Foce Biferno

Il giorno 4 novembre 2021 si terrà un laboratorio rivolto a ricercatori e studenti Unimol, organizzato nell'ambito del progetto INTERREG Italia Croazia CASCADE. Le attività laboratoriali prevederanno delle azioni di monitoraggio in campo per la raccolta di dati sulla biodiversità di flora e fauna presenti nella zona della foce del Biferno. Seguirà una visita al CEA "Le Fantine", un'area umida retrodunale che presenta habitat di notevole interesse dal punto di vista naturalistico.

Accompagnatori:

Università del Molise-staff CASCADE: prof.ssa Angela Stanisci

Associazione Ambiente Basso Molise: Luigi Luchese

Progetto CASCADE (CoAStal and marine waters integrated monitoring systems for ecosystems protection and management) - INTERREG V-A Italy-Croatia CBC 2014-2020 European Regional Development Fund

- Press release

<http://envixlab.unimol.it/biodiversita-costa-video-cascade/>

envixlab.unimol.it/biodiversita-costa-video-cascade/

## Biodiversità sulla costa molisana – riprese video CASCADE 2021

4 dicembre 2021 • laura • Cascade, Didattica, Progetti



Il giorno 4 novembre 2021 lungo la costa molisana si sono tenuti alcuni incontri nell'ambito del progetto **INTERREG Italia Croazia CASCADE**. Sono stati realizzate delle attività di laboratorio e di monitoraggio in campo che hanno portato alla raccolta di dati di biodiversità di flora e fauna presenti nella zona della foce del Biferno.

Con l'occasione, hanno preso avvio le attività finalizzate alla realizzazione di una serie di video clip prodotti dal progetto Interreg CASCADE, utili a comunicare ad un pubblico di non esperti, obiettivi e risultati del progetto, nonché di mostrare le eccellenze naturalistiche locali.

La **professoressa Angela Stanisci** dell'Unimol, con la partecipazione dell'**Associazione Ambiente Basso Molise**, hanno guidato i ricercatori del team di CASCADE, alcuni studenti Unimol e un'intera troupe di video maker tra le **dune di Campomarino** e gli **ambienti salmastri della foce del Biferno**, ambienti chiave nella conservazione della biodiversità costiera.



### NEWS



**il peso delle attività umane sull'ambiente marino**

10 dicembre 2021



**Workshop DEMETRA (MIPAAF) nel comune di Larino**

18 novembre 2021



**ENVIX nella World Space Week - L'America Latina e lo spazio: opportunità per le donne latinoamericane**

29 settembre 2021



**Notte dei ricercatori 2021 - UNIMOL - Termoli**

29 settembre 2021



**Notte dei Ricercatori 2021 a Termoli**

15 settembre 2021

### EVENTI



**il peso delle attività umane sull'ambiente marino**

10 dicembre 2021

### Explanation:

By the end of project, in LIBRARY and TOOL section of project website must upload:

- Reports of all meetings,
- Reports of all events organized (local events, etc.),
- Reports of participation in external events,
- PDF versions of promotional materials,
- Reports with links to websites, media relations and press releases issued.



2014 - 2020 Interreg V-A  
Italy - Croatia CBC Programme  
Call for proposal 2019 Strategic

**CoAStal and marine waters integrated monitoring systems for  
ecosystems proteCtion AnD managemEnt  
CASCADE**

Priority Axis: Environment and cultural heritage  
Specific objective: Improve the environmental quality conditions of the sea and coastal area by  
use of sustainable and innovative technologies and approaches

**Event follow up report**  
**“Clean Adriatic Sea for future generations”**

04/06/2022



<b>Work Package:</b>	2. Communication activities
<b>Deliverable:</b>	2.4 – Events, Training and Workshops 2.4.5 - Local events

<b>Project Partner:</b>	IRB Center for Marine Research (CIM)
<b>Name of event:</b>	“Clean Adriatic Sea for future generations”
<b>Date:</b>	04/06/2022
<b>Venue:</b>	Rovinj, Croatia
<b>Short description of event:</b>	<p>Event “Clean Adriatic Sea for future generations” was organized parallel with Eco action of cleaning the seabed of the Port of Rovinj. Events were held on Saturday, June 4, 2022 in the Port of Rovinj.</p> <p>Organizers wanted to attract the attention of citizens and tourists in order to draw their attention not only to this eco action, but also to the growing amounts of waste that are a burning problem.</p>
<b>Speakers speeches brief summary and conclusion:</b>	<p>Eco action, organized by the Club for Underwater Activities Rovinj, more than 140 participants took part in the eco action. Included are 70 divers in the sea, more than 20 participants for the reception of waste from divers, 3 large ships, 4 small ships, 1 raft for waste collection, employees of the Center for Marine Research Ruđer Bošković led the classification and categorization of waste that collected more out of 20 participants, 30 participants of the Red Cross participated in the cleaning of the coast, and employees of the Rovinj Public Fire Brigade and the Rovinj Port Authority who provided the waterway. The main action took place in the Port of Rovinj where divers collected waste, while at another location, Porton Biondi beach was cleaned by about thirty participants from the Rovinj Red Cross, the scout detachment "Tino Lorenzetto", Rovinj Children's City Council and High School "Zvane Črnja" from Rovinj.</p> <p>The eco action collected more than 5,500 different items weighing more than one ton, which was then sorted by the Center for Marine Research Rovinj. Most of the plastics were found, followed by glass and metal, but there was no shortage of rubber and textiles. Most of the plastic was plastic bottles, glasses on wrappers, while glass was dominated by glass bottles. You could also find children's toys, plastic tables and tables, building materials, fishing nets and ropes, and even electronics such as cell phones and drones. It should be emphasized that in this action, approximately the same weight was collected as in previous years, but it required twice as many items.</p>

	<p>The organization of the rich program called "Clean Adriatic Sea for future generations" that accompanied this eco-action was taken over by IRENA - Istrian Regional Energy Agency and IRB Center for Marine Research. The program was co-financed through the MARLESS project, Interreg Italy-Croatia, and it included numerous activities for children and adults. CASCADE project was distributing CASCADE promo material (bottles, usb sticks, coffee cups, pens, and may other items, photos in annex) at the stand on the main square and project was presented by the presenter of the event and by WP2 communication manager. Daniela Maric Pfannkuchen</p> <p>Various promotional films (also CASCADE short video material), materials from previous cleaning actions and an educational animated film for children were continuously shown on the big screen on the square. The children also enjoyed the eco show of the Birikina association. They enjoyed a fun story about a caring Waste Master and his faithful servant, to whom the perfection of life on Waste Hill is one day ruined by the news of waste separation. As part of the event, an exhibition of children's works by students of the Elementary School Kaštanjer from Pula, Elementary School Dr. Mate Demarin from Medulin, Regional School Banjole and Elementary School Matija Vlačić from Labin was exhibited. In addition to sculptures, posters and many other works of art, students also designed and recorded videos in which they showed how boredom and ignorance with the help and encouragement can change and contribute to reducing marine pollution. There were also stands where several IRENA and CIM projects were presented, where passers-by could get various information on marine litter and other environmental issues, and a Red Cross stand where citizens could measure pressure. At the stands, passers-by could contribute by filling out the project survey, which determines the level of knowledge and interest of citizens about marine litter and the support they are willing to show for the introduction of preventive measures against marine litter pollution, and participate in a short quiz project CAPonLITTER . All participants were awarded symbolic prizes. IRB presented has Italy-Croatia projects AdriaClim and CASCADE. The FARO Association from Rijeka showed how waste can be used and made into various jewellery. They used a part of the waste taken out of the sea and made very interesting specimens out of it, which at first glance no one would even notice was once waste. At the end of the program, participants had the opportunity to participate in a quiz on marine biodiversity, organized by FARO 11, where participants won special prizes. The program on Marshal Tito Square ended at 13:00, after which the gathered participants continued to socialize in front of the Rovinj Underwater Activities Club.</p>
<b>Role of CASCADE partner in the event:</b>	Intereg project MARLESS was the main organizer, we participated in the joint event
<b>Type of audience/target groups involved:</b>	Citizens, Tourists, Elder associations, Schools

Photos from event:

**Annexes:**

- Eg. photos from events (it is preferable to have few photos where CASCADE logo is visible (on presentation, poster, roll-up, promotional materials etc.))
- screenshots, Invitation, Agenda, Minutes, Participation list (if available), etc.

stand on main square 9-12.30



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Stand on second location in front of diving club 9-16.00



