

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 1

Final version

Public document

June, 2023

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

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**CoAStal and marine waters integrated monitoring systems for
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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



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

Project Partner:	RBi Rudjer Boskovic Institute
Name of event:	Education and training organizations as well as universities and research institutes
Date:	04. 10. 2021
Event type:	Lecture and laboratory tour- External event
Event venue:	In presence – Center for marine research Rovigno
Short description of the event:	61 participants on the project Erasmus+ KA2: “Be friendly to nature” visited Center for marine research Rudjer Bosković Institute on March 8 and 9. 2022. Participants were from Spain, Turkey, Portugal, Italy, Croatia, NR of Macedonia and England
Speakers speeches, brief summary and conclusion:	Daniela Maric Pfannkuchen gave them 2 lectures on March 8 only for teachers and on March 9 for teachers and students and Victor Stinga Perusco gave them a speech in Aquarium of the Center for Marine Research, RBI.
Role of CASCADE partner in the event:	The lecture was aimed at publicizing the Institute history, local research themes and presentation of international projects the INTERREG project CASCADE. Focus was on biodiversity. During the aquarium tour Victor Singa Perusco explained about the species inhabiting northern Adriatic with the emphasis to new invasive species, habitat loss ecc.
Type of audience/target groups involved:	The event involved teachers and students.

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	29 teachers and 32 students from high school participated to the event

Annexes:

- 1_Photos of the lecture and laboratory tour
- 2_Presentation of CASCADE Project;
- 3_list of the participants

Annex 1 Photos








Annex 2

Presentation



Phytoplankton research in the northern Adriatic Sea
 Revealing the hidden biodiversity
 Daniela Maric Pfannkuchen
 RUDER BOŠKOVIĆ INSTITUTE
 CENTER FOR MARINE RESEARCH
 ROVINJ, CROATIA



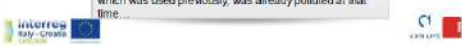
— SLAVIMO CELEBRAMO 130 GODINA ANNI —

OUTLINE

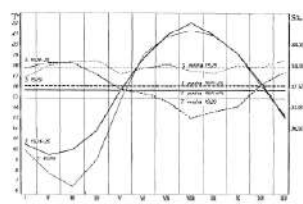
- Center for marine research, Rovinj
- Northern Adriatic characteristics
- Phytoplankton in NA
- Molecular biodiversity

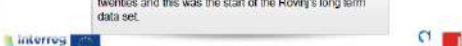
1891
 Berlin's zoological garden and aquarium established field station in Rovinj to collect plants and animals, as Trieste, which was used previously, was already polluted at that time...




1900
 Soon marine scientists were attracted by new facilities with electricity, running sea and freshwater, research vessels, aquarium...

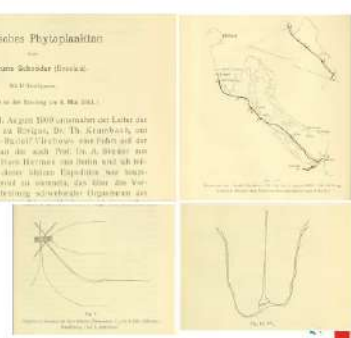




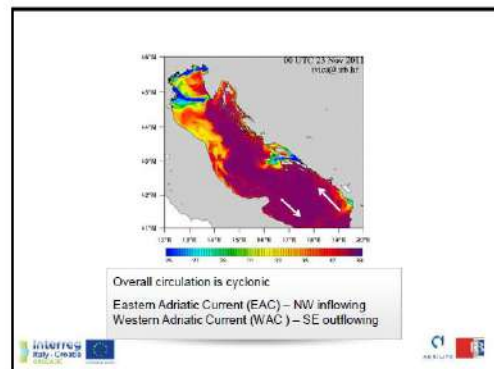
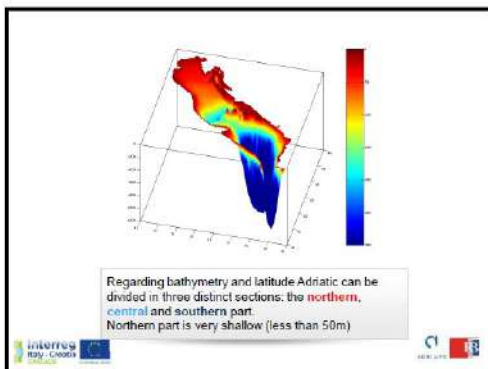
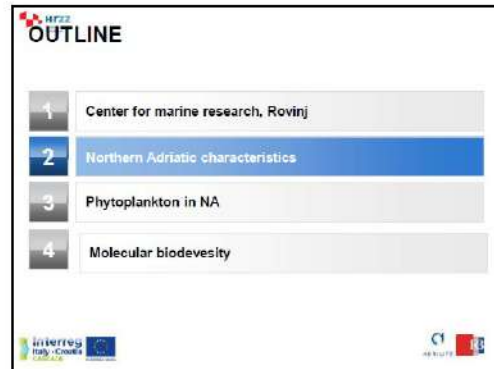
1920
 Basic oceanographic data were measured near Rovinj in twenties and this was the start of the Rovinj's long term data set.



Adriatisches Phytoplankton
 von
 Dr. Bruno Schroder (Zooök.)
 Mit 12 Tafeln.
 (Erschienen in der Zeitschrift für wissenschaftliche Zoologie, Bd. 10, 1911.)


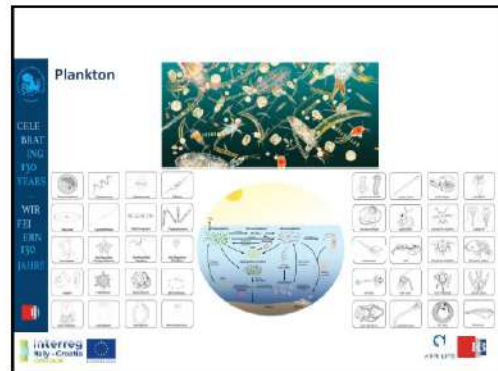
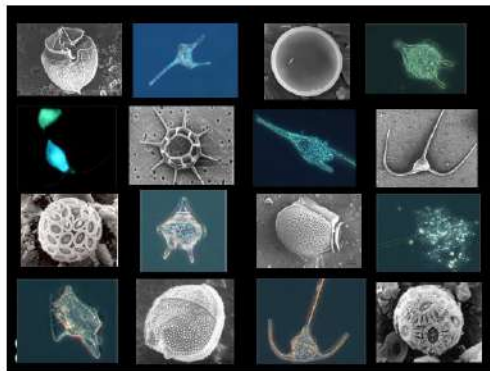
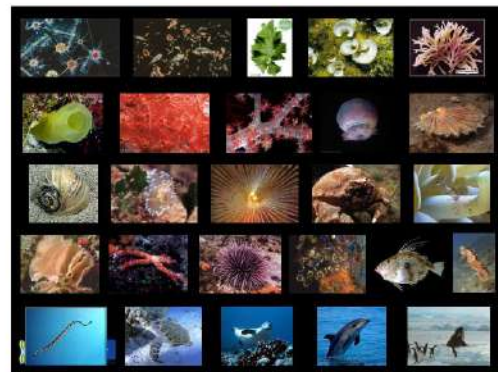
Von Dr. Bruno Schröder, August 1909 erschienen bei Lehmann in Berlin. 100 Seiten. Preis 1,50 M.



WFPZ OUTLINE

- 1 Center for marine research, Rovinj
- 2 Northern Adriatic characteristics
- 3 **Phytoplankton in NA**
- 4 Molecular biodevesity

Traditional description of microscopic
Tradicionalni opis bioraznolikosti





Perkovac Andrej (1913), Adolf Sauer, Adrijski roštilj, spemski razmatranje u Rovinju (1931)



Autumn diatom bloom
 The phytoplankton community is mainly dominated by *Chaetoceros* spp. in this period

Species	1983	1992	1993	1994
<i>Chaetoceros</i> <i>complanatus</i>	28,24	151,03	782,24	
<i>Chaetoceros</i> <i>sp.</i>	55,55	100,03	6,12	
<i>Chaetoceros</i> <i>atomus</i>	26,34	11,04	10,83	
<i>Chaetoceros</i> <i>littoralis</i>	29,94	29,03	19,63	
<i>Chaetoceros</i> <i>officinale</i>	20,07	11,29	23,92	
<i>Chaetoceros</i> <i>decussatus</i>	14,44	1,45	1,33	
<i>Chaetoceros</i> <i>diversus</i>	20,03	1,04	1,42	
<i>Chaetoceros</i> <i>curvicauda</i>	11,76	10,93	49,03	
<i>Chaetoceros</i> <i>torquatus</i>	11,76	4,83	14,83	
<i>Chaetoceros</i> <i>coenocoeus</i>	21,54	1,61	1,41	
<i>Chaetoceros</i> <i>socialis</i>	11,11	10,03	10,92	
<i>Chaetoceros</i> <i>rotundus</i>	0,32	1,92	10,42	
<i>Chaetoceros</i> <i>leptus</i>	0,91	2,91	4,92	
<i>Chaetoceros</i> <i>leucococcus</i>	0,91	1,91	1,42	
<i>Chaetoceros</i> <i>peruvianus</i>	0,91	0,91	0,91	
<i>Chaetoceros</i> <i>coenocoeus</i>	0,17	1,04	1,11	
<i>Chaetoceros</i> <i>brassicae</i>	0,17	0,17	1,12	
<i>Chaetoceros</i> <i>brevis</i>	4,41	1,22	0,74	
<i>Chaetoceros</i> <i>gracilis</i>	4,44	1,92	1,92	
<i>Chaetoceros</i> <i>dentatus</i>	2,22	0,91	0,91	
<i>Chaetoceros</i> <i>capillatus</i>	2,22	1,83	1,83	
<i>Chaetoceros</i> <i>brevis</i>	2,22	0,91	0,91	
<i>Chaetoceros</i> <i>thwaitesii</i>	2,22	1,92	1,92	
<i>Chaetoceros</i> <i>sp.</i>	2,22	2,22	2,22	




Watznaueriales	Trigonella striatula	
Watznaueriales	Emiliania huxleyi type A	
Isochrysidales		
Nitzschobryales		
Zygodiscales	Heliosiphonia carteri	
Heliophanaceae		
Syracosphaerales		
Syracosphaeraceae	Calciopsis rigida Ophiaster hybridus Syracosphaera hemisphaerica Syracosphaera baltica Syracosphaera medusalis type 1 Syracosphaera medusalis type 2 Syracosphaera medusa Syracosphaera ovalis type 2 Syracosphaera pallida Syracosphaera sp. type D	
Mortieriales	Catenosphaera mollissima	
Calciosphaeraceae	Calciosphaera hantzschii Calciosphaera maritima	
Rhabdosphaeraceae	Rhabdosphaera elongata f. arylifera Rhabdosphaera vixilis Pulchrophila variabilis Amalthea quadrangula Algoriphoba rubra	

Classification follows: (Vignati et al. 2003; Grøttman 2021)

HFZZ OUTLINE

- Center for marine research, Rovinj
- Northern Adriatic characteristics
- Phytoplankton in NA
- Molecular biodiversity



2014-2020 INTERREG V-A ITALY - CROATIA CBC PROGRAMME - STRATEGIC PROJECTS

CASCADE = Coastal and marine waters integrated monitoring systems for ecosystems protection and management

- Priority Axis 3: Environment and cultural heritage
- S.O. 3.2: Contribute to protect and restore biodiversity
- Strategic theme: 3.2.1 - Marine environment

improve the environmental quality conditions and biodiversity of coastal, marine, and inland waters and ecosystems consolidating sustainable and innovative technologies and approaches related to integrated monitoring, modeling systems and restoration.

TOP-DOWN APPROACH to identify 11 strategic themes which represent the main challenges identified during the implementation of the Programme.

36 months (01.01.2020 - 31.12.2022)
Total contribution: 5.817.547,00 €




TERRITORIAL CHALLENGES

Adriatic Sea = one of the most vulnerable natural ecosystems of the programme area

↓

semi-enclosed basin which exacerbates the impacts of natural and man-made hazards on ecosystems and socio-economic activities

FACTORS

- Increased coastal population and their lifestyle changes
- Intensive economic activities
- Fluvial inputs from large drainage basins
- Discharges from urban and transportation activities
- Eutrophication
- Alien species invasions
- Climate change effects
- etc.



PROJECT DESCRIPTION

CASCADE will develop a set of concerted and coordinated actions

MONITORING

- observing
- modelling

MANAGEMENT

- Maritime Spatial Planning - MSP
- Integrated Coastal Zone Management - ICZM
- Land-Sea Interaction - LSI

- to enhance the knowledge
- to evaluate the quality and assess the vulnerability of inland, coastal and marine ecosystems in Italy and Croatia


FINAL OBJECTIVES

- restore endangered species
- support integrated management




The molecular life of the Adriatic Sea

Phytoplankton ADRI LIFE



ADRI LIFE

Interreg
Transnational Projects
2014-2020



Revealing biodiversity with molecular methods

Isolation genomic DNA

- From some cultured organisms
- Or entire community

Replication of target genes

- PCR methods
- DNA barcodes 18 SSU + DNA and rbcL
- Barcode or metabarcode

NGS sequencing



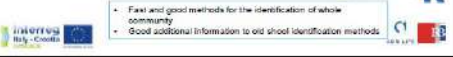
- Illumina sequencing

bioinformatics


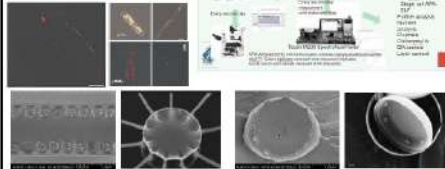

- Mothur, Geneious, MEGA software
- Reference database SILVA, R-syst, PR2
- GenBank, OIM database

Final and good methods for the identification of whole community


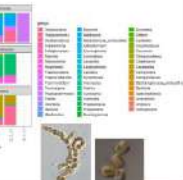
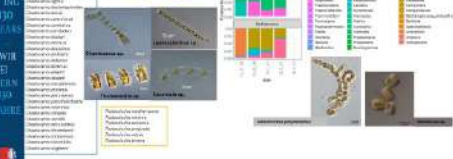

- Good additional information to old shoot identification methods

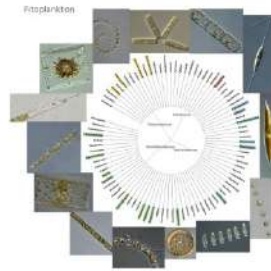

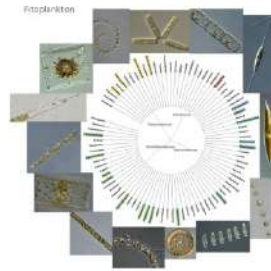

• istraživanje fitoplanktona sj. Jadrana DANAS

Bacteriophyta

Fitoplankton

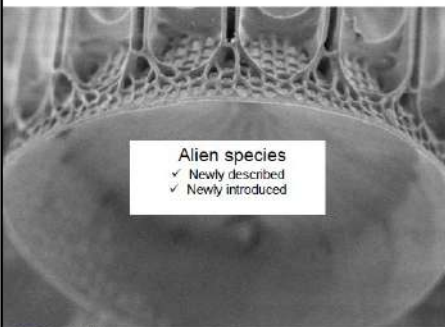

Wetzelia

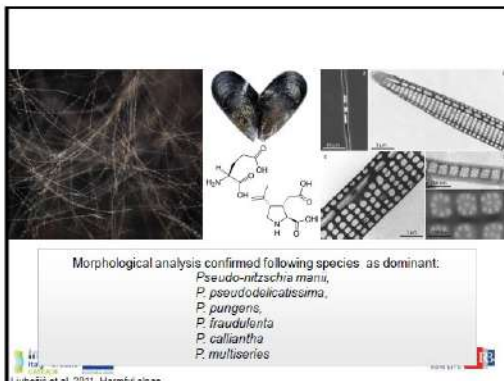
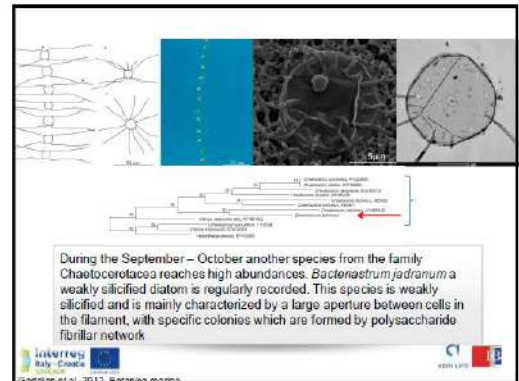
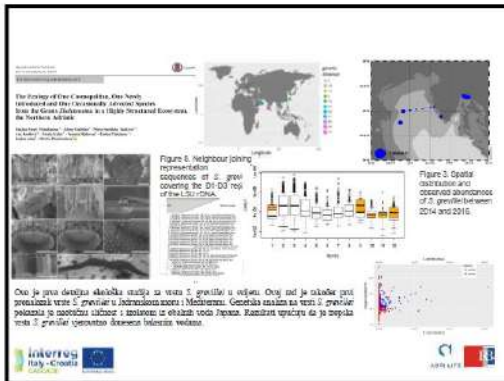
Species	Origin	Year
19111	Spain	1911
19112	Spain	1911
19113	Spain	1911
19114	Spain	1911
19115	Spain	1911
19116	Spain	1911
19117	Spain	1911
19118	Spain	1911
19119	Spain	1911
19120	Spain	1911
19121	Spain	1911
19122	Spain	1911
19123	Spain	1911
19124	Spain	1911
19125	Spain	1911
19126	Spain	1911




Alien species

- ✓ Newly described
- ✓ Newly introduced



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Event follow up report



Work Package:	<i>Indicate if:</i> 2. Communication activities
Activity	<i>Indicate if:</i> 2.4 – Events, Training and Workshops
Deliverable:	<i>Indicate if:</i> 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

Project Partner:	Institute of oceanography and fisheries Dubrovnik Neretva County
Name of event:	Extraction of lipophilic toxins from soft tissues of mussels
Date:	26.04.2022
Event type:	<i>Laboratories</i> <i>Organized event</i>
Event venue:	<i>In presence</i>
Short description of the event:	At the Institute of Oceanography and Fisheries (IOR) in the Laboratory for plankton and shellfish toxicity, on April 26 and 29, 2022, students from the University of Split (University Department of Marine Studies and Natural Science) participated in laboratory activities within the framework of the Interreg project Cascade.
Speakers speeches, brief summary and conclusion:	Dr.sc. Ivana Ujević from IOR showed the students a method for preparing shellfish to determine lipophilic toxins that can cause digestive disorders after consumption. After preparation of shellfish, the determination of lipophilic toxins was monitored using a liquid chromatogram mass spectrometer.
Role of CASCADE partner in the event:	Organisation and presentation of laboratory activities
Type of audience/target groups involved:	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	16	Students from the University of Split (University Department of Marine Studies and Natural Science)

Annexes:

- 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), Abstract, etc.

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.

Annexe 1:

- Photos from scientific training

AGENDA

Interreg Italy – Croatia CASCADE

*Institute of oceanography and fisheries, Laboratory for plankton and shellfish toxicity, Split,
Laboratory activities*

26. 04. 2022

10:00 – 10:30	Registration
10:30 – 11:00	Presentation of CASCADE project activities <i>Dr.sc. Ivana Ujević, Institute of Oceanography and Fisheries</i>
11:00-11:15	Coffee break
11:15 – 13:00	Extraction of lipophilic toxins from soft tissues of mussels <i>Dr.sc. Ivana Ujević, Institute of Oceanography and Fisheries</i>
13:00 – 14:00	Discussion and conclusions
14:00	End of the meeting

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**Thematic event Sacca di Goro
Bike and Boat, lab e workshop**

Thursday, 24Th September 10.00 AM, 4,00 PM and 6.00
PM

Event follow up report

Work Package:	<i>2. Communication activities</i>
Activity	2.4 – Events, Training and Workshops
Deliverable:	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

Project Partner:	<i>Indicate partner number and name: Delta 2000</i>
Name of event:	<i>Cascade Event La Sacca di Goro</i>
Date:	SATURDAY 24th SEPTEMBER 10.00 AM - 4.00 PM AND 6.00 PM
Event type:	<i>Specify the type of event (i.e., guided tour, laboratory, seminary, workshop, scientific training, conference, etc.): guided tour, laboratory, workshop Specify if external or organized event: organized event</i>
Event venue:	<i>Specify the venue for in presence events or indicate online: Gorino, Porto Peschereccio, Goro Porto Peschereccio and Stabulario Copego</i>
Short description of the event:	<p>A day of excursions and workshops.</p> <p><u>10.00 - Bike and Boat along the River (Gorino, Fishing Port)</u> This tour alternated the boat and the bicycle to go discovering the Delta. On board of a small boat we sailed inside the Sacca di Goro, one of the most precious environments in the delta, with its thick reeds and narrow canals, populated by a great variety of water birds. At the end of the boat ride, the itinerary continued on bicycles where the participants rided along the river and observed the characteristic boats-bridge, wide floodplains, wide expansen and cultivated rice fields.</p> <p><u>16.00 - We do not know which fish to take (fishing port of Goro)</u> The guided tour, accompanied by a fisherman, allowed to discover the different boats and the main fishing techniques used in the Sacca di Goro. Kids have been involved in a team game, so they could learn the characteristics of the different marine organisms that populate the lagoon. At the end, a small study of the SEAWatcher application, a platform that allows you to record and report the presence of marine litter and consequently to contribute to the protection of the environment.</p> <p><u>18.00 - workshop (Goro, Co.pe.go Stabulario Via dell'Industria 18)</u> "Climate change and alien species in the lagoons and coastal waters of Emilia-Romagna"</p>
Speakers speeches, brief summary and conclusion:	The workshop, conducted by Fabio Fiori (Mare Scarl) and Mattia Lanzoni (University of Ferrara) , took place in the form of a dialogue open to the public that involved the participants and gave rise to a discussion on climate change and the presence of alien species that populate the coastal lagoons of the Emilia-Romagna. At the end of the workshop, the participants could enjoy a good aperitif.

Role of CASCADE partner in the event:	Delta 2000 coordinated the event and organized it through the service provider Atlantide
Type of audience/target groups involved:	Adults, Family, Citizens and Tourists

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	8	Adults, Family, Citizens and Tourists
Local, regional and national public authorities		
Associations		
NGOs		
Education and training organizations as well as universities and research institutes	2	University of Ferrara (Mattia Lanzoni), Mare Scarl (Fabio Fiori)

Annexes:

[2.2 Participation list](#)

[2.2 Photo](#)

[2.2 Promo material](#)



E-R acquacoltura e pesca

3 g · 

A Goro il 24 settembre, si fa sport, si gioca con il mare, si imparano nuove cose. Ci vediamo là?

#ERinblue



FLAG Costa dell'Emilia-Romagna

3 g · 

Sabato 24 settembre non mancare all'appuntamento con **Cascade Event: la Sacca di Goro** con eventi da non ... Altro...



www.flag-emilia-romagna.it

Delta 2000 Agenzia di Sviluppo Locale e capofila del FLAG Costa dell'Emilia-Romagna, nell'ambito del progetto CASCADE finanziato dal Programma di Cooperazione INTERREG CBC Italia-Croazia 2014-2020 e cofinanziato dal FESR, organizza:
Local development agency Delta 2000 leads Flag Emilia - Romagna Coast Inside CASCADE Project, which is sponsored by the program of Cooperation INTERREG CBC Italy-Croatia, 2014-2020 and co-funded by FESR, the Agency organizes:

Cascade Event: la Sacca di Goro

Escursioni, visite guidate e workshop

SABATO 24 SETTEMBRE 2022

GORO (FE)

ore 10 escursione *Bike and Boat* lungo il fiume
Ritrovo: Gorino Porto peschereccio



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Event follow up report



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

Project Partner:	LP - <i>Regione Puglia</i>
Name of event:	You are what You Sea – Laboratory at the Visitor Centre Gawsit
Date:	28 October 2022
Event type:	<i>Organized event. Laboratory</i>
Event venue:	<i>In presence events</i>
Short description of the event:	YOU ARE WHAT YOU SEA continued with a SEALAB, an event open to high school students. It was an educational laboratory on the topic of sustainable use of the marine and coastal environments of the Adriatic Sea. The objective will be to improve and to increase awareness of the marine environment, disseminate scientific research methodology in the ecological/environmental field, disseminate information and knowledge about scientific activities and results of the Interreg CASCADE project.
Speakers speeches, brief summary and conclusion:	With the fifth and final event dedicated to the theme of Adriatic's marine and coastal environments sustainable use, the first cycle of awareness-raising events in the Torre Guaceto Reserve ended. SEALAB focused on the value and the importance of seas and oceans for life on earth and both living beings and ecosystems survival. The workshop held by Dr. Rita Lecci of the CMCC Foundation - Euro-Mediterranean Centre on Climate Change (CASCADE partner) was centred on the analysis of climate and its interactions with humans, and the necessary models to ensure sustainable growth, protect the environment and develop adaptation and mitigation policies based on scientific knowledge.
Role of CASCADE partner in the event:	Maria Nilla Miccoli, CASCADE communication manager for the Regione Puglia, introduced the event to the participants explained the objectives and activity of the project.
Type of audience/target groups involved:	Students and teachers

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	1	Liceo Classico e Musicale "Palmieri" di Lecce

Annexes:

- Agenda;
- Participation list;
- Photos from events;
- Video of the event;
- Screenshot and links to websites, media relations and press releases issued.

CASCADE


CoAStal and marine waters
integrated monitoring systems
for ecosystems protection
AnD managemEnt



YOU ARE WHAT YOU SEA
Ore 11:30 - 28 ottobre 2022
Riserva di Torre Guaceto (BR)

 **LABORATORIO DIDATTICO**
RISERVA DI TORRE GUACETO

ORE 11:30 | WELCOME COFFEE NELLA LECCETA DEL CENTRO VISITE AL GAWSIT OFFERTO DA CASCADE

 **DURATA**
11:30 - 14:00

ORE 12:00 | LABORATORIO DIDATTICO

Laboratorio sul tema della fruizione sostenibile degli ambienti marini e costieri dell'Adriatico a cura della Dott.ssa Rita Lecci (CMCC). L'obiettivo del laboratorio didattico è quello di migliorare e aumentare la consapevolezza dell'ambiente marino, divulgare la metodologia scientifica di ricerca in ambito ecologico/ambientale, diffondere informazioni e conoscenze sulle attività scientifiche e sui risultati del progetto Interreg CASCADE.

 **PARTECIPANTI**
45 PERSONE

Photos



Video of the event;

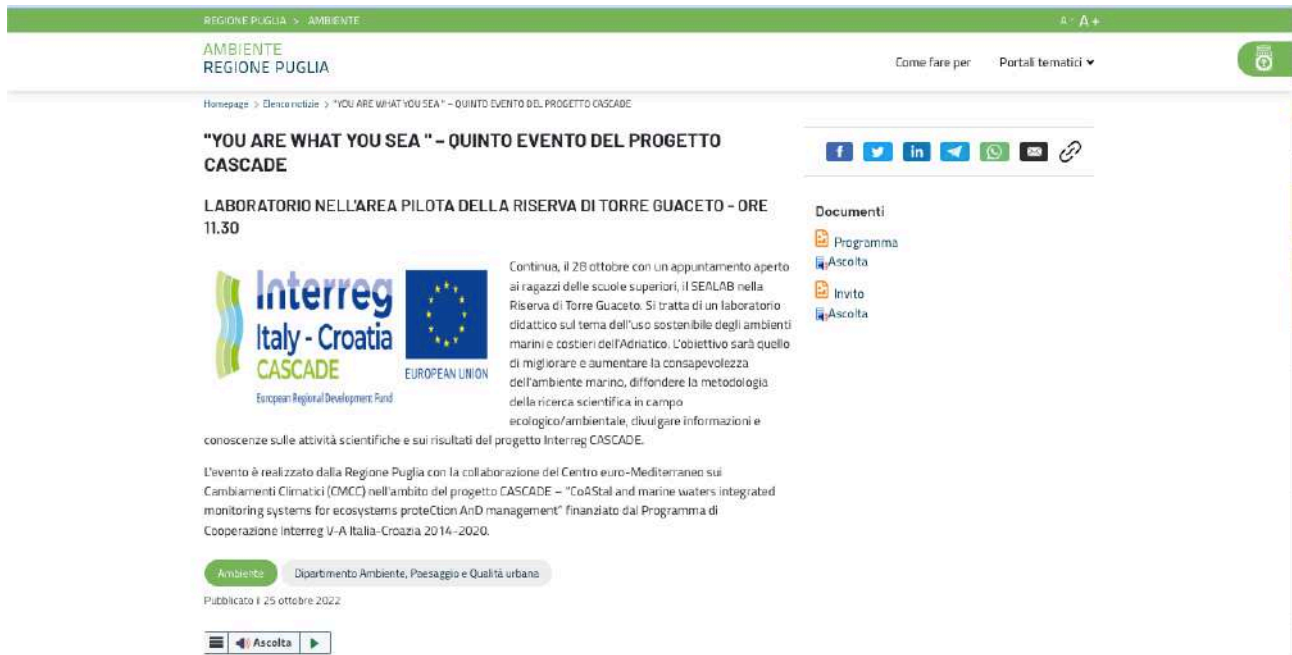
<https://www.youtube.com/watch?v=OnMveKGEsNw>



The screenshot shows a YouTube video player interface. At the top left is the YouTube logo. A search bar contains the text "cascade interreg". The video content features a blue and white background with a wavy pattern. Logos for "COMMED I A Social Transformation", "Interreg Italy - Croatia CASCADE", and "EUROPEAN UNION" are visible. The main text on the video reads: "YOU ARE WHAT YOU SEA" in large green and blue letters, followed by "28 OTTOBRE 2022" in blue, and "LABORATORIO NELLA RISERVA DI TORRE GUACETO" in green. The video player controls at the bottom show a play button, a progress bar at 0:01 / 1:02, and various icons for volume, settings, and sharing. Below the video player, the title "Laboratorio nella Riserva di Torre Guaceto_28 ottobre 2022" is displayed. The channel name is "CASCADE_Regione Puglia" with a green profile picture icon and a black "Iscriviti" button. To the right are icons for likes (0), comments, and sharing ("Condividi"). Below this, it says "7 visualizzazioni 2 settimane fa".

Screenshot and links to websites, media relations and press releases issued

<https://www.regione.puglia.it/web/ambiente/-/you-are-what-you-sea-quinto-evento-del-progetto-cascade>





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"YOU ARE WHAT YOU SEA" - QUINTO EVENTO DEL PROGETTO CASCADE

LABORATORIO NELL'AREA PILOTA DELLA RISERVA DI TORRE GUACETO - ORE 11.30

Continuis, il 28 ottobre con un appuntamento aperto ai ragazzi delle scuole superiori, il SEALAB nella Riserva di Torre Guaceto. Si tratta di un laboratorio didattico sul tema dell'uso sostenibile degli ambienti marini e costieri dell'Adriatico. L'obiettivo sarà quello di migliorare e aumentare la consapevolezza dell'ambiente marino, diffondere la metodologia della ricerca scientifica in campo ecologico/ambientale, divulgare informazioni e conoscenze sulle attività scientifiche e sui risultati del progetto Interreg CASCADE.

L'evento è realizzato dalla Regione Puglia con la collaborazione del Centro euro-Mediterraneo sui Cambiamenti Climatici (CMCC) nell'ambito del progetto CASCADE - "CoAStal and marine waters integrated monitoring systems for ecosystems protection and management" finanziato dal Programma di Cooperazione Interreg V-A Italia-Croazia 2014-2020.

Ambiente Dipartimento Ambiente, Paesaggio e Qualità urbana

Publicato il 25 ottobre 2022

Ascolta

<https://europuglia.regione.puglia.it/web/europuglia/-/il-28-ottobre-il-quinto-laboratorio-didattico-del-progetto-cascade>



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Il 28 ottobre il quinto laboratorio didattico del progetto CASCADE

Dalle ore 11.30 nella Riserva di Torre Guaceto



Continuis il 28 ottobre, con un appuntamento aperto ai ragazzi delle scuole superiori, il SEALAB nella Riserva di Torre Guaceto. Si tratta di un laboratorio didattico sul tema dell'uso sostenibile degli ambienti marini e costieri dell'Adriatico. L'obiettivo sarà quello di migliorare e aumentare la consapevolezza dell'ambiente marino, diffondere la metodologia della ricerca scientifica in campo ecologico/ambientale, divulgare informazioni e conoscenze sulle attività scientifiche e sui risultati del progetto Interreg CASCADE.

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Politiche Europee e Cooperazione Internazionale Ambiente Interreg Italia-Croazia 2014-2020

Publicato il 26 ottobre 2022

Ascolta

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