

# 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

# D5.2.2

Definition of guidelines and template for the organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 participants for each workshop) and capacity building on restoration actions supporting endangered species

PP in charge: PP8 – Delta 2000

## Part 4

### 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	WP5	
number		
Word Package title	Pilots for endangered species restoration and Integrated	
	coastal/marine management system	
Activity number	Activity 5.2	
Activity title	Restoration actions supporting endangered species	
Partner in charge	PP8 – Delta 2000	
Partners involved	All PPS	



### 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



Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	5.2 – Restoration actions supporting endangered species and 5.3
Deliverable:	D5.2.2 Definition of guidelines and template for the organization of at least 2 workshops (also virtual) for each Pilot for stake holders engagement (at least 15 participants for each workshop) and capacity building on restoration actions supporting endangered species. Workshops will be organized by partners involved in the pilots in collaboration with the PP leading and participating to each Pilot. and D.5.3.2 Organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 for each workshop) and capacity building on integrated coastal/marine management systems.

Project Partner:	RBi Rudjer Boskovic Institute
Name of event:	Education and training organizations as well as universities and research institutes
Date:	30. 09. 2022
Event type:	Workshop with the stakeholders
Event venue:	In presence – Institut Rudjer Bosković, Center for marine research Rovigno
Short description of the event:	15 participants participated on workshop and lectures in Center for Marine reserach (pilot 8) and had lecture on biodiversity, jelly fish, food web and modern methods in phytoplankton reasearch
Speakers speeches, brief summary and conclusion:	Dr.sc. Martin Pfannkuchen, dr.sc. Daniela Maric Pfannkuchen, dr.sc. Tjaša Kogovšek, dr.sc. Ana Baričević, Ivan Vlašićek
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. With te emphasis to habitat loss, endangered species Pinna nobilis and the invasive species entering the Adriatic sea, ecc.
Type of audience/target groups involved:	The event involved fisherman.

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
Stakeholders, fisherman	1	15 fisherman participated to the event



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

### Annex 1 Photos















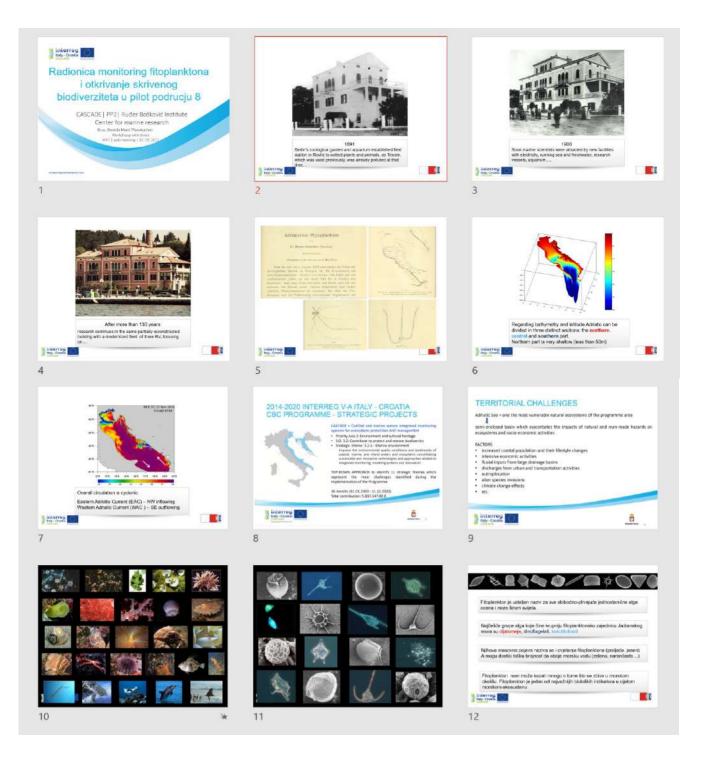




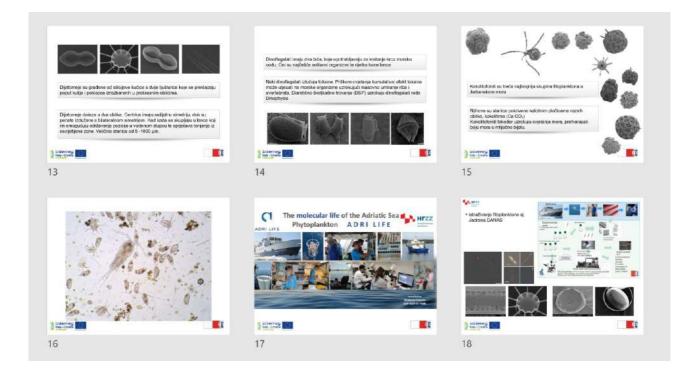
European Regional Development Fund



### Annex 2 Presentation









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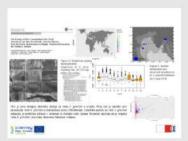
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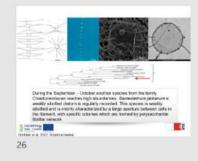








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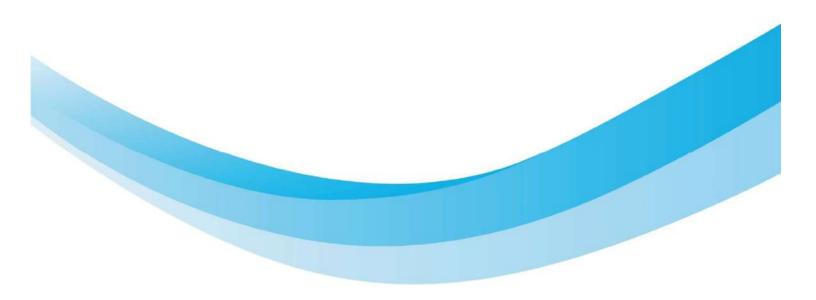
## CoAStal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt CASCADE

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

# Workshops follow up report

WP 5 | Act. 5.2 Restoration actions supporting endangered species & Act. 5.3 Integrated coastal/marine management systems





Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	Indicate if:
	<u>5.2</u> - Restoration actions supporting endangered species
	<u>5.3</u> – Integrated coastal/marine management systems
Deliverable:	Indicate if:
	5.2.1 - Organization of at least 2 workshops (also virtual) for each Pilot for
	stakeholders engagement (at least 15 participants for each workshop) and
	capacity building on restoration actions supporting endangered species
	<b><u>5.3.2</u></b> - Organization of at least 2 workshops (also virtual) for each Pilot for
	stakeholders engagement (at least 15 for each workshop) and capacity building
	on integrated coastal/marine management systems

Project Partner:	P9 – PP Sea and Karst
Name of event:	Presentation of the results of the EU project CASCADE for the area of ecological network Natura 2000 - Estuary of the Cetina River (HR3000126)
Date:	8 <sup>th</sup> of May 2023
Event type:	Workshop – an organized event Specify if external or organized event
Event venue:	City of Omiš, Hotel Plaža
Short description of the event:	Implemented activities of monitoring and assessment of the state of key marine habitats and species were presented, with the aim of encouraging integrated management of the coastal zone and the underwater area of the Cetina estuary Natura 2000 site. In the past three years, starting from CASCADE project approval, Sea and Karst designed and tested monitoring program for Cetina estuary with focus on one of its most representative, key habitat types: 1110 Sandbanks which are slightly covered by the sea water all the time represented by two key benthic habitat formers: <i>Cymodocea nodosa</i> and <i>Pinna nobilis.</i> The purpose of the event was to familiarise local and regional authorities responsible for issuing permits for interventions in maritime domain with the state of natural values of the Cetina estuary and to discuss conservation measures.
Speakers speeches, brief summary and conclusion:	<ul> <li>The programme of the event with speakers was following:</li> <li>10:00 – 10:15 Introduction – natural values of the Cetina estuary, Jelena Kurtović Mrčelić, Sea and Karst</li> <li>10:15 – 11:00 Monitoring and state of conservation of <i>Cymodocea nodosa</i> meadows, Silvija Kipson, Sea Fan Itd and Branimir Radun, OIKON Itd</li> </ul>



11:00 – 11:15 Monitoring and state of conservation of the Noble Pen shell <i>Pinna nobilis,</i> Jelena Kurtović Mrčelić, Sea and Karst
11:15 – 11:45 Coffee break
11:45 – 12:15 Monitoring and state of conservation of the coral reef <i>Cladocora caespitosa,</i> Silvija Kipson, Sea Fan Itd
12:15 – 12:45 Monitoring the dynamics of sand in the area of Duće and Omiš municipalities and the role of marine flowering plants in the accumulation and movement of sediment, Kristina Pikelj, PMF Zagreb
12:45 – 13:30 Conservation measures and discussion
All speakers presented results of monitoring programmes carried out thanks to CASCADE project financial support. Details all of the monitoring programmes, including their setting-up and testing are available in CASCADE project reports such as D 3.3.1 Report on design the optimal observing system for marine coastal environment characterization and D 4.1.2 In situ observing campaigns. These programmes where complemented by presentation of Kristina Pikelj from the Faculty of Science, Zagreb which has long experience on monitoring sediment of beaches including those of Cetina estuary area. Sea and Karst also presented restoration actions supporting critically endangered Noble Pen shell which details are available in CASCADE project report D 5.2.1 Report on implemented restoration test and soft actions supporting endangered species. At the end a presentation of conservation measures proposed by project external experts and Sea and Karst expert service was made and discussed between participants. Stakeholders agreed on proposed measures however the problem of the legal framework, which excluded the management body (e.g. Sea and Karst) during the planning and approval of interventions in the maritime domain, proved to be crucial in the implementation of conservation measures in this area. Only a good knowledge of the situation on the ground, which we now have thanks to the CASCADE project, and communication and cooperation between different authorities, can overcome the problem of a deficient legal framework, although in the long term it needs to be changed, by
involving more and giving greater powers to the management authorities of Natura 2000 sites. Above all, it is necessary to ask the profession, whether it
is the Natura 2000 site management authority, or experts and scientists who work in the area in question. All the suggestions made by the participants will be incorporated into the recommendations and relevant reports/deliverables of the project, and will be forwarded to the competent authorities after the completion of the project: the Ministry of Economy and
autorities after the completion of the project, the ministry of Economy and



	Sustainable Development, the Split-Dalmatia County , the City of Omiš and Dugi rat Municipality.
Role of CASCADE partner in the event:	Public institution Sea and Karst organized the workshop.
Type of audience/target groups involved:	Representatives of the City of Omiš Representatives of the Split-Dalmatia County Representatives of the local and county tourist boards Representatives of the national and local companies Representatives of the diving centres, fishing companies, universities, and research institutes

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	0	
Local, regional and national public authorities	14	Representatives of the City of Omiš Representatives of the Split-Dalmatia County Representatives of the local and county tourist boards Representatives of the local and national companies
Associations	2	Diving centres
NGOs		
Education and training organizations as well as universities and research institutes	4	

- 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.

#### ANNEXES:

1. INVITATION AND PROGRAM OF THE WORKSHOP



JAVNA USTANOVA MORE I KRŠ

Poziva Vas na:

Prezentaciju rezultata EU projekta CASCADE za područje ekološke mreže Natura 2000 - Ušće rijeke Cetine (HR3000126)





#### Program rada

10:00 – 10:15 Uvod – prírodne vrijednosti Ušća njeke Cetine Jelena Kurtović Mrčelić, More i krš
10:15 – 11:00 Praćenje i stanje očuvanosti naselja morske ovjetnice Silvija Kipson, Sea Fan deo i Branimir Radun, OlKON doo
11:00 – 11:15 Praćenje i stanje očuvanosti plemenite periske Jelena Kurtović Mrčelić, More i krš
11:15 – 11:45 Pauza za kavu
11:45 – 12:15 Praćenje i stanje očuvanosti koraljnog grebena Silvija Kipson, Sea Fan doo

12:15 – 12:45 Praćenje dinamike pijesaka na području općina Duće i Omiš i uloga morskih ovjetnica u nakupljanju i premještanju sedimenta

Kristina Pikelj, PMF Zagreb

12:45 - 13:30 Mjere očuvanja i rasprava



#### 2. PARTICIPATION LIST



3. PHOTOS











#### 4. PRESS RELEASE

European Regional Development Fund



Predstavljeni rezultati aktivnosti praćenja ključnih morskih staništa i vrsta na području Ušća rijeke Cetine u okviru EU projekta CASCADE

Danas je u Omišu, u organizaciji županijske ustanove More i krš, održana radionica na kojoj su predstavljene realizirane aktivnosti pračenja i ocjene stanja ključnih morskih staništa i vrsta, u svrhu poticanja integriranog upravljanja obalnim pojasom i podmorjem područja ekološke mreže Ušće rijeke Cetine, a koje doprinose obnovi staništa ugroženih vrsta.

Radionica se održala u sklopu EU projekta CASCADE (integrirani sustav monitoringa obalnih i morskih ekosustava radi njihove zaštite i upravljanja) koji se financira iz Europskog fonda za regionalni razvoj – Interreg program Italija – Hrvatska 2014-2020. Svoja izlaganja imali su vanjski suradnici projekta Silvija Kipson (Sea Fun doo) i Branimir Radun (Oikon doo), te Jelena Kurtović Mrčelić u ime More i krš. Gost i predavač na radionici bila je Kristina Pikelj ispred PMF-a Zagreb koja već dugi niz godina prati dinamiku pijesaka na ovom području.

Morsko područje ekološke mreže Natura 2000 Ušće rijeke Cetine, pilot je područje EU projekta CASCADE i u protekle tri godine koliko je projekt trajao, More i krš je uspostavila pračenje stanja područja s posebnim osvrtom na 3 strogo zaštićene vrste, morsku cvjetnicu naziva čvorasta morska resa (slična posidoniji), plemenitu perisku te busenasti koralj, kao i pračenje ekoloških uvjeta mora (temperatura, slanost i sl.). Posebno se pratila kritično ugrožena plemenita periska, a primjerak žive jedinke pronađen je upravo u Omišu, 2022.g. što je čini 1 od 18 potvrđenih živih jedinki u Jadranu.

Branimir Radun, čija je tvrtka bila zadužena za analizu i procjenu pokrovnosti čvoraste morske rese zaključio je kako je u 10 godina (2011.-2021.) proširenje pokrovnosti više za 24% u odnosu na 2011. g. (10,39 hektara) što bi na godišnjoj razini bilo povećanje između 2-3%. Zaključio je kako postoje uvjeti za njeno obnavljanje, a kako znamo da su morske cvjetnice pluća Jadrana i stanište plemenite periske ne treba govoriti koliko je ova informacija značajna.

Stanje s plemenitom periskom, endemom Mediterana, nije dobro. Nakon mortaliteta uzrokovanog Haplosporidium pinnoe parazitom, pronađen je vrlo mali broj živih jedinki, ali nada u njenu obnovu i pronalazak novih jedinki ne jenjava. Osim što je pročistač mora, ona je i stanište brojnim organizmima, epibiontima kao što su spužve, alge, ježinci, mekušci i dr. – nastavila je izlaganje lelena Kurtović Mrčelić. Uz stručne aktivnosti praćenja populacije plemenite periske, ustanova je u sklopu CASCADE projekta provela i edukativne radionice s djecom iz O.Š. J. Pupačić iz Omiša koji su bili jako zainteresirani i oduševljeni te će svoj entuzijazam i osviještenost prenijeti i u svoje okruženje.

Silvija Kipson nastavila je izlaganje o još jednom endemu Sredozemnog mora, koji se nalazi na ovom omiškom području, u Maloj luci, a zove se busenasti koralj, također strogo zaštićena vrsta. Jako sporo raste, 2,5-3 mm godišnje, a poseban je po tome što može stvarati koraljne grebene. Jedan od rijetkih grebena u Jadranu je onaj u Maloj luci koji se prostire na dubini od 24-28m. Nakon analize grebena, Silvija je istakla kako stanište degradira, koralj ugiba zbog povišene temperature mora i mehaničkih oštećenja, a najdublji dio grebena je najbolje očuvan, 87% živih koralja nalaze na ovom dijelu grebena.

O praćenju dinamike pijesaka na području općine Duće i grada Omiša te o ulozi morskih cvjetnica u nakupljanju i premještanju sedimenta govorila je Kristina Pikelj sa zagrebačkog PMF-a pa se tako moglo saznati kako morske cvjetnice stvaraju bistru vodu, ublažavaju

valove, zadržavaju sediment te na taj način čuvaju obalu od erozije. Većina naše obale je od tvrđih karbonatnih stijena, a samo manji dio je građen od mekših klastita (fiiš i sl.), dok su plaže iznimka, a ne pravilo. U analizi sedimenta s plaže u Dućama zaključilo se kao se radi o Siljunkovitom pijesku, u prosjeku 89% karbonatnom pijesku, dominiraju komadići stijena te su u manjoj mjeri zastupljeni ostaci morskih i fosilnih organizama. Kod dohranjivanja obale i plaža, jako je važno uzeti u obzir karakteristike same obale odnosno individualnu geomorfologiju područja i orijentaciju plaže. Naročito bitni za skladištenje i očuvanje sedimenta su naslage morske vegetacije (poput listova čvoraste morske rese) koja se ne bi smjela uklanjati s plaže.

Nakon prezentacija predložene su mjere i preporuke za očuvanje staništa i vrsta područja ekološke mreže Ušće rijeke Cetine o kojima se raspravljalo s predstavnicima Grada Omiša, županijskih upravnih odjela, ostalih javnih tijela, turističkih zajednica, ribolovnih društava, ronilačkih centara i ostalim sudionicima. Da ovakvih radionica treba biti više i da svi dionici trebaju djelovati zajedno jednoglasno su se složili. Mjere i preporuke biti će sastavni dio konačnog izvješća projekta CASCADE te upućene svim nadležnim tijelima na postupanje.



#### PUBLISHED PRESS RELEASE IN MEDIA - LINKS

https://dalmatinskiportal.hr/energija-i-ekologija/cascade-predstavljeni-rezultati-aktivnosti-pracenjakljucnih-morskih-stanista-i-vrsta-na-podrucju-usca-rijeke-cetine/168485

https://www.dalmacijadanas.hr/predstavljeni-rezultati-aktivnosti-pracenja-kljucnih-morskih-stanista-ivrsta-na-podrucju-usca-rijeke-cetine-u-okviru-eu-projekta-cascade/

https://slobodnadalmacija.hr/om/vijesti/ne-jenjava-nada-u-oporavak-periski-predstavljenirezultati-pracenja-podrucja-usca-rijeke-cetine-1288152



### 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 WORKSHOP Restoration actions of coastal ecosystems (5.2 – Torre Cerrano Pilot 10)



Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	5.2 - Restoration actions supporting endangered species
Deliverable:	5.2.2 - Organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 participants for each workshop) and capacity building on restoration actions supporting endangered species

Project Partner:	University of Molise Partner 13 – Pilot 10	
Name of event:	WORKSHOP Azione di recupero degli ecosistemi costieri a supporto delle specie minacciate	
Date:	04/05/23 10:30-12:30 PM (CET time)	
Event type:	workshop	
Event venue:	Torre del Cerrano Marine Protected Area, Pineto (TE)	
Short description of the event:	The Workshop organized by CASCADE staff of UNIMOL partner was inserted in a week context with several workshops from different technical-scientific projects of environmental restoration for researchers, technicians, local economic stakeholders, naturalistic associations and NGO's.	
Speakers speeches, brief summary and conclusion:	Introduction about restoration actions developed in the pilot area MPA Torre del Cerrano to create habitats for local birds and for migratory species of Community interest.	
Role of CASCADE partner in the event:	ORGANIZER	
Type of audience/target groups involved:	Scientific stakeholders and local economic stakeholders.	

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	1	Citizen
Local, regional and national public authorities		
Associations	1	representative of Guide del Cerrano, local naturalistic association for the local protection of threatened species.
NGOs		
Education and	5	researchers and students of University of Molise.



training		
organizations as well		
as universities and		
research institutes		

- 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.

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- Reports of participation in external events,
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- Reports with links to websites, media relations and press releases issued.















### WORKSHOP Azione di recupero degli ecosistemi costieri a supporto delle specie minacciate

Presentazioni e tour guidato nelle dune costiere e la costa dell'Area Maria Protetta Torre del Cerrano (Pilot 10).

Giovedì 4 Maggio 2023, ore 10:30

Raduno presso AMP Torre del Cerrano - Villa Filiani, Pineto (TE)

#### Attività previste:

- Esempio di azioni di conservazione delle aree dunali nell'AMP Torre del Cerrano

- Azioni di recupero delle dune costiere
- Attività di citizen science- Wild Coast CASCADE.
- Relatore: dott.ssa Maria Carla DE FRANCESCO
- Università degli Studi del Molise

L'attività avrà la durata di circa due ore.

Prenotazione al numero 339 75 17 592

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







In collaborazione con:





Partner associati:



### 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 WORKSHOP Restoration actions of coastal ecosystems (5.2 – Torre Cerrano Pilot 10)



Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	5.2 - Restoration actions supporting endangered species
Deliverable:	5.2.2 - Organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 participants for each workshop) and capacity building on restoration actions supporting endangered species

Project Partner:	University of Molise Partner 13 – Pilot 10
Name of event:	WORKSHOP Azione di recupero degli ecosistemi costieri a supporto delle specie minacciate
Date:	12/12/22 5:00-5:45 PM (CET time)
Event type:	workshop
Event venue:	Torre del Cerrano Marine Protected Area Villa Filiani, Pineto (TE)
Short description of the event:	The Workshop organized by CASCADE staff of UNIMOL partner was inserted in a week context with several workshops from different technical-scientific projects of environmental restoration for researchers, technicians, local economic stakeholders, naturalistic associations and NGO's.
Speakers speeches, brief summary and conclusion:	Introduction about restoration actions developed in the pilot area MPA Torre del Cerrano to create habitats for local birds and for migratory species of Community interest.
Role of CASCADE partner in the event:	ORGANIZER
Type of audience/target groups involved:	Technical-scientific stakeholders and local economic stakeholders.

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	2	local economic stakeholder.
Local, regional and national public authorities		
Associations	1	representative of main naturalistic associations (WWF, Legambiente and so on) for the local protection of



		threatened species.
NGOs		
Education and training organizations as well as universities and research institutes	12	researchers and students of University of Molise.



• **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.



### WORKSHOP Azione di recupero degli ecosistemi costieri a supporto delle specie minacciate

Lunedì 12 dicembre 2022, ore 17:00

AMP Torre del Cerrano - Villa Filiani, Pineto (TE)

#### Titolo Analisi dei dati faunistici per una corretta gestione dell'AMP Torre del Cerrano

Relatore: dott. Mauro FABRIZIO Università degli Studi del Molise

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





Partner associati:





#### Link

### http://envixlab.unimol.it/cascade-amp\_torrecerrano/

### 이 원 후 envixlab.unimol.it/cascade-amp\_torrecerrano/





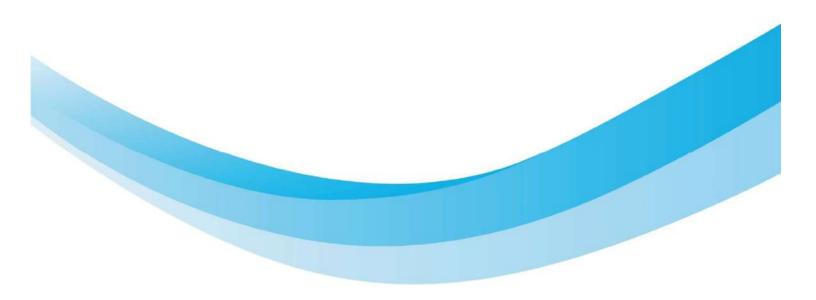
## CoAStal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt CASCADE

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

# Workshops follow up report

WP 5 | Act. 5.2 Restoration actions supporting endangered species & Act. 5.3 Integrated coastal/marine management systems





Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	Indicate if: 5.2 - Restoration actions supporting endangered species 5.3 – Integrated coastal/marine management systems
Deliverable:	Indicate if: 5.2.1 - Organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 participants for each workshop) and capacity building on restoration actions supporting endangered species 5.3.2 - Organization of at least 2 workshops (also virtual) for each Pilot for stakeholders engagement (at least 15 for each workshop) and capacity building on integrated coastal/marine management systems

Project Partner:	PP 15 – Public Institution Sea and Karst	
Name of event:	Presentation of the University of Split teaching bases	
Date:	06.12.2022.	
Event type:	Workshop	
Event venue:	University of Split, amfiteatar A 1.2., Z3F	
Short description of the event:	The event gathered together all University of Split teaching bases where students perform internship during their studies. On that occasion Public Institution Sea and Karst presented EU project CASCADE activities with special focus on restoration actions and integrated coastal and marine management of Cetina Estuary.	
Speakers speeches, brief summary and conclusion:	<ul> <li>In this section, please for the workshop of D.5.2.1 and D.5.3.2 please include Information about;</li> <li>Speakers and moderator, if present: Jelena Kurtović Mrčelić (project manager in PP15) presented CASCAE project activities with support of an PPT presentation called "Restoration actions supporting endangered species and Integrated coastal/marin management systems".</li> </ul>	
	<ul> <li>2. Information, knowledge and dissemination: Contents and themes presented and discussed with indication of speakers (name surname if possible) about:</li> <li>Presentation about the activities on topic of restoration actions supporting endangered species for act. D.5.2.1</li> <li>Presentation about the activities on topic of integrated coastal/marine management systems for the D.5.3.1</li> <li>As through this WS we targeted researchers and students, the discussion was mainly about different methodologies and the possibilities for successful recovery of <i>Pinna nobilis</i> population. We had less discussion on integrated</li> </ul>	



	coastal zone management which will discussed more during the next WS intended to local government.
	3. Inputs and suggestions by the stakeholders and participants, with a brief explanation about the inputs of stakeholders involved, their proposals, etc. Students are very interested in the work we carry out on Pinna nobilis. Right from the beginning they are involved in our CASCADE project activities. They offer support in larval collectors' installation and removal. They expressed their interest to continue supporting our work in 2023.
	<ol> <li>Evidence if the inputs and suggestions (point above) are been/will be taken into consideration and explain, if possible, why yes or why not. PP15 will involve University of Split students from the Department of maritime studies in conservation and restauration activities with Pinna nobilis.</li> </ol>
	5. Results and conclusions (what was worked out during the workshops and inputs in case for further or next activities ).
	Monitoring and restoration activities implemented through EU project CASCADE are of interest for the scientific community. They are strongly supporting achievement of Habitat directive provisions.
Role of CASCADE partner in the event:	Presenter
Type of audience/target groups involved:	Students and professionals.

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	39	Students
Local, regional and national public authorities	-	
Associations	-	
NGOs	2	Association Sunce UNEP SPA/RAC



Education and	4	Institute of Oceanography and Fisheries
training		Natural History Museum of Split
organizations as well		University of Split, Department of marine studies
as universities and		
research institutes		

• Photos from events (it is preferable to have few photos where CASCADE logo is visible - on presentation, poster, roll-up, promotional materials etc.),



