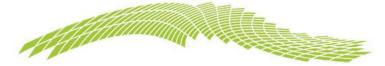


European Regional Development Fund - Instrument for Pre-Accession II Fund





ECOWAVES

Joint Capacity Building Report

< Zadar County Rural Development Agency >

< February/2023>



Project acronym: ECOWAVES

Project name: Enhancing Cooperation in Waste management from VESsels in ADRION ports

Project code: 1129

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1. Introduction

The organization of capacity building for port authorities and ship operators to increase capacities for waste management in port areas were conducted by the project partners (LP, PP2, PP3, PP4, PP6, PP8 and PP9) of the ECOWAVES project. This activity focused on creating the sustainable network of port stakeholders to implement the transnational policies developed in Work Package 1. For that purpose, Central Adriatic Ports Authority (PP2) was responsible for the organization of the transnational capacity building event (held on February 24, 2022 in Ancona) aimed at port authorities and their stakeholders. The event was held in a hybrid manner meaning that some project partners participated in presence and others through live streaming. During each capacity building (transnational and local), the results of the activities carried out in Work Package 1 were discussed and analyzed with emphasis on the current port regulations, their realization, and the challenges port authorities are facing in port waste management. The ECOWAVES project partners organized local capacity buildings for their ship operators in order to increase capacities in proper waste management in their port area. This report summarizes the methodologies and the material of the activities carried out during the local capacity buildings organized by Port Network Authority of the Ionian Sea-Port of Taranto (LP), Central Adriatic Ports Authority (PP2), Igoumenitsa Port Authority S.A (PP3), Zadar County Rural Development Agency (PP4), Business association for sport, recreation, rehabilitation and business Eco zone Ada Huja (PP6), Port of Vlora (PP8) and Ministry of Capital Investments of Montenegro (PP9). This report includes materials from the held capacity buildings (photos, agendas, participant lists etc.) This is an important instrument which defines what has been done and what is going to be improved in port waste management. This Report is a collection of all the local capacity building reports composed by each project partner and will serve as a know-how document (exchange of knowledge and experience)







2. Central Adriatic Ports Authority (PP2) Transnational Capacity Building

On 24th of February 2022 Central Adriatic Ports Authority hosted the Transnational Capacity Building of ECOWAVES project, the first transnational and hybrid event organized in the ECOWAVES project. The event was organized both online and in presence with the participation of partner representatives from Port Network Authority of the Ionian Sea — Port of Taranto (Italy), Port Authority of Igoumenitsa (Greece), Zadar County Rural Development Agency, Port Authority of Dubrovnik and Port Authority of Zadar (Croatia).

The seminar was opened by Giovanni Pettorino, Special Commissioner of the Central Adriatic Port Authority, followed by Donato De Carolis, Harbour Master of the port of Ancona, Ida Simonella, councillor for the port at the Ancona Municipality, Ambassador Fabio Pigliapoco senior advisor of the Adriatic Ionian initiative, and Sergio Prete, President of Port Network Authority of the Ionian Sea – Port of Taranto, Lead partner of the **ECOWAVES** project.

All the speakers of the greeting session welcomed the transnational initiative promoted by the **ECOWAVES** project for the definition of a common cooperation ground between ports and competent institutions for the safeguard of the common resource of the ADRION area, the sea. The key moment of the event was **the signature of a transnational agreement for the setting up of the sustainable network for the environmental protection of port areas in the Adriatic-Ionian region**, on the basis of a transnational strategy elaborated at project level by which all parties agree to continue the cooperation in the framework of waste management for the protection of port areas.

The Agreement was signed by the project partners representatives and by additional four port authorities of the Adriatic Ionian region, Northern Adriatic Sea Port Authority – Ports of Venezia and Chioggia, Southern Adriatic Port Authority – Ports of Bari, Brindisi Barletta, Port Authority of Dubrovnik and Port Authority of Zadar. During the event, the signatures were collected by Giovanni Pettorino for Central Adriatic Ports Authority, Đoni Stambuck for the Port Authority of Zadar and Vladimir Kovacevic for Zadar County Rural Development Agency, present at the event. The other signatures from the legal representatives will be collected remotely. After the Capacity Building, the delegation of participants visited the best practices in ship waste management of Port of Ancona, whose sustainable approach to water protection dates back to the 70s thanks to the commitment and innovation capacities of Fulmar and Garbage, the two concessionaires of the ecological services of Port of Ancona.



Figure 2: Transnational capacity building event, Ancona



Figure 3: Transnational capacity building event, Ancona



Figure 4: Transnational capacity building event, Ancona



Transnational capacity building event, Ancona – Agenda







TRANSNATIONAL CAPACITY BUILDING

"Sustainable Management of Port Waste in the Adriatic-Ionian Macro Region. Best Practices and perspectives."

24th February 2022
Sala Marconi & online
Central Adriatic Ports Authority
Draft Agenda

Languages: Italian and English

09:00	Registration of participants
09:15	Welcome greetings
	Giovanni Pettorino, Special Commissioner , Central Adriatic Ports Authority Marche Region representative Harbour Master of the Port of Ancona Councillor of Ancona Municipality Port Network Authority of the Ionian Sea – Port of Taranto, LP of ECOWAVES project
09:45	Port waste management in the Adriatic-Ionian ports: typologies, characteristics and best practices. The results of ECOWAVES project analysis (tbc)
	Port Authority of Igoumenitsa, WPT1 Responsible
10.00	ROUND TABLE – "The sustainable management of port waste in the ECOWAVES ports, towards the adoption of the Directive 883/2019" Moderator: Flena Montironi
	Representatives of Italy: ADSPMAC, Ancona Harbour Master, ADSP Taranto 1 technical representative at national or local level of: - Greece by Port of Igoumenitsa, - Croatia by Zadar County Rural Development Agency - Slovenia by Regional Development Agency of Northern Primorska Ltd. Nova Gorica - Serbia by Eco zone Ada Huja - Albania by port of Vlora - Montenegro by Ministry of Transport and Maritime Affairs
	If with presentation, max 3-4 slides



11.30	Coffee break
12.00	Conclusions – Simona Giovagnoni, national expert on the port waste management legislation
12.30	Signature of the Transnational Agreement by project partners representatives and representatives of ports of Venice, Bari, Dubrovnik, Zadar Important: indicate name and role of the person that will sign the document in person End of the meeting
13.00	Lunch break
15.00	Site visit to the waste management system of the Port of Ancona by Garbage Group and Fullmar





Transnational capacity building event, Ancona – Participant list



TRANSNATIONAL CAPACITY BUILDING

"Sest alsolable Management of Port
Waste in the Advisitionalem Macro
Ragion. Best Practices and
perspectives."

24th February 2022
Sala Marconi & ordine
Central Adriatic Ports
Authority



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	REGISTRATION FORM	SURNAME	COMPANY	SIGNATURE
1	Adm. Glovanni	Pettorino		
2	Elena	Montironi		Elene Marton.
3	Michela	Canonico	Central Adriatic Ports Authority	Michelle Consni
4	Marco	Brugiapaglia		Mayer
5	Guido	Vettorel		GOHOO)
6	C.V. Donato	De Carolis	Harbour Master of the Port of Ancona	tella
2	C.F. Fabio	Di Cecco	Harbour Master of the Port of Ancona	-per 1
	Fabio	Pigliapoco	Senior Advisor Adriatic and Ionian Initiative	0
,	Simona	Giovagnoni	ANSEP-UNITAM	Surfacer'
10	Sergio	Prete		ON-LINE
13	Tiziana	Stea	LP PNAIS - IT	Citous Ste
2	Debora	Marullo	LP PRAIS-IT	bebore Mercy Do
13	Paolo	Lopolito		ONLINE
4	Athanasios	Porfyris		ONLINE
15	Spyridon	Vasileiadis		1



16	Konstantinos	Papanikolaou		4.
17	Ippolyti	Gatselou	PP3 IPA S.A - GR	1
18	Aristeidis	Mpatsoulis		BK
19	Stylianos	Karampelas		KA.
20	Đoni	Štambuk		PH
21	Vladimir	Kovačević		1/15.
22	Dario	Barbarić	PP4- AGGRA - CR	PSI
23	Ivana	Dević		1
24	Tamara	Paleka		Tanfalon
25	Črtomir	Špacapan	PPS - RRA SEVERNE PRIMORSKE -SI	ON LINE
26	N/A	N/A		1
27	Kosta	Zivanovic	PP6 - Eco Zone Ada Huja - RS	ON - LINE
18	Eco Zone	staff		ON: LINE
29	Erjona	Toslluku		CN-LINE
30	Florian	Bilali	PP8 - Port of Viora - AL	an line
31	Endora	Celohoxhaj		an-LINE
32	Doneca	MARCO		A
53	RAMCION	MAURA	INTERPRE	of Nacue Noshi Em
34	Harrem	ARIANUA	GARBAGE ANCONA	dualas:
35	BALMOST	JAO Li	065	BS



36	MOREM	ESTHER H	FULMAR BARCHIOLI	Files & Years
37	FRANCESCO	SAMATINI	ASSIM	on or
18	SILVIA	RELIDA	ADSPILIC	Sleude
39	Paora	Cirmuno	ADDAMC	es.
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3. Port Network Authority of the Ionian Sea-Port of Taranto (LP) Local Capacity Building

The workshop "The sustainable management of the waste of the ships in the Port of Taranto: legislation, state of the art and future strategies" was organized by the Port Network Authority of the Ionian Sea (PNAIS) of Taranto (Italy) as a part of the activities envisaged through ECOWAVES project. This event is conceived as a workshop, to discuss the relative thematic challenges to the harbor stakeholders for a correct and innovative management of the produced refusals. In addition, it was a time of reflection to spread the solutions and good practices related to the project on an international scale.

Workshop was held on July 28th 2022 in Taranto at Palazzo Amati and was attended by 13 participants from various authorities and stakeholders.

During the first session of the workshop Ms. Debora MARULLO, as Project Manager of the Lead Partner, detailed a presentation of the ECOWAVES project Interreg and introduced the strategy for enhancing the environmental sustainability of the Port of Taranto. During this first session, it was exposed the lines of activity T1 work package, Port Environmental Framework, and T2 work package, Enhancing the capacities.

Mr. Lorenzo FERRARA, as external consultant for the ECOWAVES project, emphasized the ecological state of the waters and the production and management of the refusals of the ships in the Port of Taranto, as well as the results of the ECOWAVES project studies. These interventions were an opportunity for the participants to get familiar with the main goals and expected achievements of the implemented actions and which are aimed to enhance the capacity in transnationally tackling environmental vulnerability, fragmentation, and the safeguarding of ecosystem services in the Adriatic Ionian area. In particular, the external consultant provided detailed information on the study conducted, with the help of ARPA Puglia (Regional Agency for Prevention and Protection of the Environment), on the ecological status of the waters of the Port of Taranto. In addition, the best practices of the Smart Green Port organizational model have been illustrated, in order to manage waste management and safety at work in an optimal manner. In closing of this second part, has been introduced the APEA project (industrial areas with high ecological standards of quality and innovative services for businesses), which represents a great opportunity to combine environmental protection, land use planning and company competitiveness. This new approach to territory planning, at a low environmental impact, promotes the APEA (Ecologically Equipped Productive Areas) as a tool to improve the quality of performance of production areas at various levels: in the planning, in the design and management, but also as a tool to implement within these areas the environmental guidelines of the European Union in terms of improved competitiveness through development innovation.

In the continuation of the event, Ms. Tiziana STEA, from Safety&Security branch of PNAIS, explained the current regulatory framework. This intervention was an opportunity for the participants to get familiar with the new national Legislative Decree No. 197 of 2021, the new regulations of the harbor systems of collection for the transfer of the wastes of the ships, and that it replaces the previous discipline going back to 2003. The new regulation aims to protect the marine environment from pollution from marine waste and, at the same time, to ensure the proper functioning of maritime traffic through the improvement of port reception facilities. This change has also served to bring the



legislation into line with the changes that have since affected the International Convention for the Prevention of Pollution from Ships (so-called Marpol Convention) which indicates the quantities and types of substances prohibited for release into the sea.

Outcomes of the evaluation form

During the workshop "The sustainable management of the waste of the ships in the Port of Taranto: legislation, state of the art and future strategies", our promotional kit is delivered to the guests. The promotional kit included: pens and pencils, notepads and folders. All promotional gadgets were branded with the project logo, following the rules described in the *Communication Plan*. Together with the kit was delivered the QR code of ECOWAVES: Evaluation of project meeting/events. The evaluation form was administered through the Google Forms provided in the Project file-sharing workspace. The template of the survey used is ANNEX B of D.M.1.1-D.M.3.1 "Coordination & Mgmt. Plan / Monitoring and Evaluation System". The template was customized according to the target group present at the workshop. At the end of the workshop, the survey was managed by the LP.

Six questions were asked:

- 1. The event was properly structured and organized
- 2. The time assigned to each topic was sufficient
- 3. The agenda was complete and exhaustive
- 4. The presentations were helpful and informative
- 5. There was enough time for discussion and exchange of ideas
- 6. The event, as a whole, was appropriate and productive

All six questions received a "Completely agreed" response rate of 75%. The others 25% responded with "Almost completely agreed" to all six questions.



Figure 5: Local capacity building event, Taranto



Figure 6: Local capacity building event, Taranto





Local capacity building event, Taranto-Agenda





WORKSHOP LOCALE

La gestione sostenibile dei rifiuti delle navi nel Porto di Taranto: legislazione, stato dell'arte e strategie future

28 luglio 2022

Palazzo Amati, Taranto (https://goo.gl/maps/UrDFu8sffh4p2mmD9)

10.00	Registrazione e welcome coffee
10.00	Registrazione e Welcome conce
	Introduzione ai lavori
10.15	Roberto SETTEMBRINI, Segretario Generale Autorità di Sistema Portuale del Mar Ionio
	Il progetto "ECOWAVES" e la strategia di sostenibilità ambientale del porto di Taranto
10.20	Debora MARULLO, Referente Progetti Europei
	Autorità di Sistema Portuale del Mar Ionio
10.35	Il contesto legislativo: la sfida della Direttiva UE 883/2019 e del D.Lgs. n. 197/2021 per i porti italiani
10.35	Tiziana STEA, Sezione Safety&Security Autorità di Sistema Portuale del Mar Ionio
11.00	Lo stato ecologico delle acque e della produzione e gestione dei rifiuti delle navi nel Porto di Taranto. I risultati degli studi del progetto ECOWAVES
11.00	Lorenzo FERRARA, consulente esterno per il progetto ECOWAVES Ecopan SrI
11.20	Domande e Risposte: dibattito
12.00	Chiusura dei lavori



Local capacity building event, Taranto-Participant list



La gestione sostenibile dei rifiuti delle navi nel Porto di Taranto: legislazione, stato dell'arte e strategie future

Palazzo Amati, Taranto (Italia) – Luglio 28, 2022

In compliance with the GDPR Regulation (UE) No. 2016/679, in the box below participants give their explicit consent to use <u>personal data and image</u> for the purpose of <u>evaluation or audit</u>, as well as photos/videos with personal image for the purpose of <u>institutional promotion</u>.

Distribution or commercial use of data and images is not allowed.

	NAME/SURNAME	ORGANISATION	PHONE	EMAIL	Consent to use data / images for audit / evaluation	Consent to use images for institutional promotion	SIGNATURE
					or write	CK to consent "NO" to deny onsent	
1	Cosimo Masella	Nicola Girone Srl	335532414 1	gironeta@tin.it			
2	Maurizio Gennarini	Valentino Gennarini srl	099047074 84	maurizio@gennarini.net			
3	Pietro Bianchi	CAMPOSTANO ANCHOR SRL	099452833 1	anchorship.ta@camposta no.com	X	X	Es Built
4	Vincenzo Latorre	SIR SPA	353373091 9	vincenzo.latorre@sirspa.e u	×	×	Vincono Story
5	Carlo Cormio	SIR SPA	335139068 6	carlo.cormio@sirspa.eu	Q	2	allo

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4. Igoumenitsa Port Authority S.A (PP3) Local Capacity Building

Port Authority of Igoumenitsa in the framework of project ECOWAVES organized on Friday 05/11/2021 a Local Capacity Building Event focused on ship waste management. The event, which focused on port authorities, ship operators and local government, aimed to increase waste management capacity in the Igoumenitsa Port area.

Specialized presentations were made by renowned scientists and external collaborators on topics such as:

- State-of-the-art methodologies and technologies for waste management in ports
- Environmental Management System (ISO 14001: 2015) in the Port of Igoumenitsa
- Waste Management Protocol in the Port of Igoumenitsa
- Consequences of Improper Waste Management in the Adriatic Sea
- Incident Management of Marine Pollution in the Port of Igoumenitsa
- e-learning platforms for Environmental Issues

Through open dialogue and presentation of the views of all participants, good practices emerged that are already applied in the Port of Igoumenitsa as well as specific issues of wider environmental management in the port area, which are examined through the actions of the project.

Furthermore, lots of issues were raised and discussed thoroughly. The most significant of them were the following:

- prevention and treatment of marine pollution incidents from petroleum,
- management of damaged cargo,
- wreck harvesting and waste management,
- marine surface cleaning services using special vessels for the collection of floating debris,
- systems for detecting illegal dumping of oil residues in the Adriatic Sea,
- ship ballasts and invaders in local ecosystems.

The Port of Igoumenitsa, in full compliance with the European Directives and the Greek Legislation, consistently ensures the correct implementation of the Environmental Management System ISO 14001: 2015, the Standards EMAS (Eco- Management and Audit Scheme) and PERS (Port Environmental Review System). At the same time, it ensures the adequate environmental education and awareness of its employees and expects each of them to do their best to implement the policy.



Figure 6: Local capacity building event, Igoumenitsa



Figure 7: Local capacity building event, Igoumenitsa





Local capacity building event, Igoumenitsa – Agenda



Friday, 5 November 2021

10:00 - 13:30

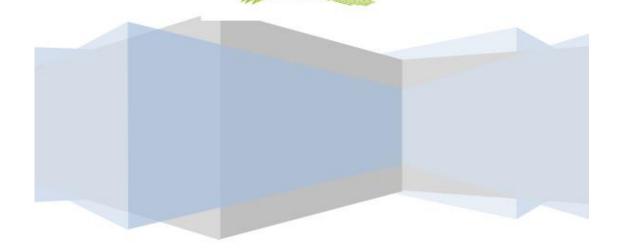
«Local Capacity Building Event

for ship waste management

in the framework of project ECOWAVES»



ECOWAVES









AGENDA

- 10:00 Commencement
- 10:15 Welcome Speech

Reggina Dilaveri / President, Port Authority of Igoumenitsa

10:20 Project Presentation

Papanikolaou Konstantinos / External Expert, Comitech

10:40 State-of-the-art methodologies and technologies for waste management in ports

Vasiliadis Spyros / External Expert, Living Prospects

11:00 Presentation of the Environmental Management System (ISO 14001:

2015) in the Port of Igoumenitsa

Filartzi Eleni / Head of Procurement Department

11:20 Waste Management Protocol in the Port of Igoumenitsa

Karabelas Stylianos / External Expert, Antipollution

- 11:40 Coffee Break
- 12:00 Consequences of Improper Waste Management in the Adriatic Sea

Dr. Tselentis Vasileios / University of Piraeus

12:20 Incident Management of Marine Pollution in the Port of Igoumenitsa

Bakoulis Dimitrios / External Expert, Antipollution







12:40 Presentation of the Online Education Platform for Environmental Issues in the framework of the ECOPORTIL Project

Mairi Styliou / Representative of the Laboratory of Knowledge and Intelligent Informatics, Department of Informatics and Telecommunications, University of Ioannina

- 13:00 Open Discussion
- 13:30 Closure



Local capacity building event, Igoumenitsa –Participant list





Τοπική Δράση Ανάπτυξης Ικανοτήτων στην Διαχείριση Αποβλήτων Πλοίων στο πλαίσιο του έργου ECOWAVES

Παρασκευή, 5 Νοεμβρίου 2021

A/A	Όνομα και Επώνυμο	Ιδιότητα	Στοιχεία επι	κοινωνίας	
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Ηγουμενίτσα, 05-11-2021 Local Capacity Building Event – ECOWAVES





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9	Grisa Iwarra	Tyrya Expandicar apostory your.	projects@olig.gr	694653686£	
10	Qidinni Es Tldedos	Living Prospect and egut. overy. ONHT	p.f.lippidis@lp.gr	6944786473	
11	FRIKAS NIXAHY	DYNO3	migras Dyahno	6944678586	21

Hyουμενίτσα, 05-11-2021 Local Capacity Building Event – ECOWAVES







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			e-mail	Τηλέφωνο	Παρατηρήσεις
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Ηγουμενίτσα, 05-11-2021 Local Capacity Building Event – ECOWAVES



5. Zadar County Rural Development Agency (PP4) Local Capacity Building

Organized by the Zadar County Rural Development Agency -AGRRA, and as part of the ECOWAVES project, a two-day Conference entitled "Strengthening the Capacity for Proper Waste Management in the Port Areas" was held on September 28 and 29, 2021 at the Hotel Kolovare in Zadar. The Conference on September 28,2021 was attended by 20 participants and the Conference on September 29,2021 was attended by 40 participants. The 60 participants were stakeholders from cruising line companies, tourist agencies, port authorities, waste management companies and local bodies. The events were held under pandemic preventative measures.

The ECOWAVES project is implemented within the Interreg ADRION program, led by the Port Authority of the Ionian Sea - Port of Taranto, and is aimed at sustainable port development in seven countries (Italy, Croatia, Slovenia, Greece, Serbia, Montenegro and Albania). In Croatia, it is implemented by the Zadar County Rural Development Agency (AGRRA). The value of the ECOWAVES Project is 2,114,750 Euros, and the implementation period is from March 1, 2020 to August 31, 2022.

Ivana Dević, Project Manager and Deputy Director of AGRRA said more about the Project ECOWAVES at the Conference. She emphasized that with this Conference, AGRRA (PP4) wanted to connect the public sector, as a level of policy making and measures, and shipping agents, cruising agents, travel agents, representatives of port authorities and captaincies, or all those who are touch in any way and who are users of the port area to act together and develop some plans that we will abide to in the future.

The ECOWAVES project consists of two work packages, one of which has already been completed. As there is a large coverage of all countries within this Project, the legislation is different. So we had to compare the legislative and legal framework within which we can act together. And now we have embarked on that second active work package carried out by AGRRA. In this work package, we have three deliverables that we are working on. The first is an Agreement with the port authorities in the ADRION area. At least eight port authorities, of which at least two, meaning Serbia, Albania, BiH and Montenegro, must sign the joint agreement to further contribute to the sustainable management of the port area. The signing of this Agreement was expected in November in the Port of Ancona, which is also a partner in the ECOWAVES project but is postponed due to the pandemic situation. The second deliverable is the signing of agreements with at least three cruise companies in order for them to contribute and develop the awareness of their crew members and staff and passengers about the proper handling of waste. The third deliverable is the installation of various eco-islands from which each Project Partner has the opportunity to choose what is most convenient for them and their national legislative. With the Port of Zadar Authority, as an associated partner, AGRRA (PP4) came to the conclusion that it is best to install water parametric sensors in the Port of Gaženica that would automatically warn authorized persons from deviations from the reference values via mobile applications alongside the eco-islands. In that way, it would be known exactly who and in what quantity a certain kind of waste was thrown and the kind of pollution that this waste specifically caused.

The Zadar Port Authority is an associate partner of AGRRA in the ECOWAVES Project. Đoni Štambuk, Assistant Director for Commercial Operations and Marketing of the Zadar Port Authority, emphasized that this is an excellent project that will contribute to the improvement of the system.



The external expert emphasized that the Project is actually about improving and coordinating activities between Italian and Croatian ports regarding waste disposal in ports. As part of the Project, he stated that we have a good opportunity to procure equipment that we still lack through the Project Work Packages, and one of the best things is that we were forced to analyze the current situation and thus establish all the "gaps" we have in ports and everything we would could improve in the process.

Speakers at the two-day Capacity Building Conference were: diving instructor Đani Iglić, assoc. Prof. Dino Županović, Željka Galik Cimić from the company Scenic Cruises, Ivana Chaux-Jukić, Director of Active Solera and Marijan Cukrov from the Cluster of Intermodal Transport (KIP).

The area of the Adriatic Sea has been inhabited since ancient times, and as it has played an important role in history, so it has today. Today, the Eastern Adriatic Coast is one of the most attractive coastal areas in Europe, where millions of tourists come every year. Given that the quality of sea water and water in general is one of the main challenges of the 21st century, the ECOWAVES project will use a transnational approach to contribute to the preservation and reduction of pollution in this area. In this regard, the project will achieve two results:

- 1) transnational strategy aimed at waste management and
- 2) transnational environmental protection network within the port area.

The fact is that water quality problems are largely unresolved and serious in all countries involved, whether due to poor governance, lack of political will, insufficient investment or insufficient environmental awareness. Therefore, these project results are based on innovative waste management models.

The stakeholders in the ECOWAVES Project aim at the promotion of the sustainable ecological status of ports by improving the reasonable behavior of passengers in port areas and pass it on to all stakeholders in the chain of related sectors for joint improvement in sustainable development.



Figure 8: Local capacity building event, AGRRA



Figure 9: Local capacity building event, AGRRA





Local capacity building event, AGRRA - Agenda



ZADAR COUNTY RURAL DEVELOPMENT AGENCY - AGRRA

is pleased to invite you to participate

at the round table

"Strengthening the capacity for proper waste management in the port area"

within the project:

ECOWAVES



WHEN

28.09.2021. 12:00 p.m.



WHERE

Hotel Kolovare,

UI. Bože Peričića 14, Zadar

12:00 Participant registration

- ECOWAVES- Enhancing COoperation in Waste management from VESsels in ADRION ports
- Presentation of the project Ivana Dević, Deputy Director of AGRRA, Project Manager
- Sustainable port management Đoni Štambuk, Port Authority Zadar
- Drive-In Boatwash system chemical-free Clean Blue d.o.o.
- > Panel discussion

Please join us for a buffet lunch after the round table







ZADAR COUNTY RURAL DEVELOPMENT AGENCY - AGRRA

is pleased to invite you to participate

at the conference

"Strengthening the capacity for proper waste management in the port area"

within the project:

ECOWAVES



WHEN

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12:00 Participant registration

- ECOWAVES- Enhancing COoperation in Waste management from VESsels in ADRION ports
- Presentation of project Ivana Dević, Deputy Director of AGRRA, Project Manager
- Waste in ports Đani Iglić, diving instructor CMAS/NAU/SSI
- The role of strategic documents in planning (environmental) activities -Dino Županović, izv.prof.dr.sc.
- EU projects examples of good practice Klaster intermodalnog prijevoza
- Example of good practices in the cruising business -Željka Galik Cimić, Scenic Cruises
- SMO Solar Process: Smart, decentralized energy systems Ivana Chaux-Jukic, dr.sc., director of Active Solera

Please join us for a buffet lunch after the round table





Local capacity building event, AGRRA - Participant list





Projekt je sufinancirala Europska unija iz Interreg Adrian Project number 1129

Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES Capacity Building Event, 29.rujna 2021., Zadar

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Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES Capacity Building Event, 29.rujna 2021., Zadar

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Projekt je sufinancirala Europska unija iz Interreg Adrian Project number 1129

Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES Capacity Building Event, 29.rujna 2021., Zadar

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U pokomo travnalna melitor povod kori og statenate se na maradena sente upotrebe Valih osobnih podataka, kao i njihovo britansje iš larijena.

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Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES

Capacity Building Event, 29.rujna 2021., Zadar

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Capacity Building Event, 29.rujna 2021., Zadar

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Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES

Capacity Building Event, 29.rujna 2021., Zadar

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Enhanching COoperation in Waste management from VESsels in ADRION ports- ECOWAVES Capacity Building Event, 29.rujna 2021., Zadar

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6. Business association for sport, recreation, rehabilitation and business Eco zone Ada Huja (PP6) Local Capacity Building

The local capacity building workshop (CBW) in Serbia was organised on 22-23 June 2022. The aim of the workshop was to increase the awareness of target groups about the proper handling of waste on Ada Huja, which is the Serbian location of pilot project implementation. Namely, since Serbia does not have exit to any sea, its pilot project activities are related to the banks of the Danube River on Ada Huja in Belgrade. The wharf was built there last year.

Therefore, the target groups that were invited to the CBW were primarily businesses operating on Ada Huja, marinas and residents of that area (generators of waste) and city/municipal decision makers. The employees of Eco Zone Ada Huja were also invited since Eco Zone is in charge of Ada Huja management. On day 1, there were 28 participants, and on day 2 the number of participants was 29.

On the 1st day, the presentation was delivered about the recycling and its ecological and circular economy benefits, while on the 2nd day the group did sightseeing by boat of the Ada Huja waterfront and locations of eco-islands. The discussion on both days among the stakeholders, project team and external expert resulted in important ideas and initiatives related to improvement of ecological situation on Ada Huja.

The speakers on 22/06/2022 were Mr. Radislav Radovic, Ecowaves Project Manager and Director of Eco Zone Ada Huja, and the external expert on environmental protection, recycling and circular economy, Mr. Sinisa Mitrovic, Head of Circular Economy Centre of the Serbian Chamber of Commerce and Industry. Representatives of the Municipal and City Administrations showed genuine interest in resolvement of waste issues that are present on Ada Huja, especially in its part along the Dunavac, which is highly polluted with untreated wastewaters and clogged with all sorts of litter.

ECOWAVES gave rise to initiatives and concepts of further projects that could turn this area into one of the most attractive waterfronts in Belgrade, instead of being among the most polluted ones.



Figure 10: Local capacity building event, Eco Zone Ada Huja



Figure 11: Local capacity building event, Eco Zone Ada Huja





Local capacity building event, Eco Zone Ada Huja – Agenda





11000 Beograd, Ruzveltova 45/I Tel/fax: 011/4057249 ; <u>ekozonaada@sbb.rs</u> Tekući račun: 205-32784-94; PIB: 100246305



PROJECT ECOWAVES, code: 1129

CAPACITY BUILDING WORKSHOP Location: Jahting Club KEJ, Ušće bb, Belgrade Date: 22-23 June 2022

AGENDA

22 June 2022	
10:00 - 11:00	Project manager, Radislav Radović
	Welcome speech, presentation of participants
	Presentation of the project, completed and pending
activities	
11:00 - 14:00	Siniša Mitrović, external expert
	Current environmental situation in Serbia
	Waste and water pollution issues
	Recycling and circular economy benefits
14:00 - 15:00	Lunch
15:00 - 16:00	Discussion
23 June 2022	
10:00 - 16:00	Sightseeing of eco island locations on Ada Huja by boat
	(buffet lunch included)

9



Local capacity building event, Eco Zone Ada Huja – Participant list







CAPACITY BUILDING WORKSHOP

22 June 2022, Belgrade

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ECOWAVES

CAPACITY BUILDING WORKSHOP

22 June 2022, Belgrade

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CAPACITY BUILDING WORKSHOP

22 June 2022, Belgrade

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CAPACITY BUILDING WORKSHOP

23 June 2022, Belgrade

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7. Port of Vlora (PP8) Local Capacity Building

The Port of Vlora, and as part of the ECOWAVES project, organized a two-day activity entitled "Strengthening the Capacity for Proper Waste Management in the Port Areas" was held on March 8th and 9th, 2022 at the Hotel Regina Garden in Vlora, Albania. The activity was attended from stakeholders from Ministry of Infrastructure and Energy, cruising line companies, tourist agencies, port authorities, waste management companies, universities and local bodies. The event organized under pandemic preventative measures.

The ECOWAVES project is implemented within the Interreg ADRION program led by the Port Authority of the Ionian Sea - Port of Taranto, and is aimed at sustainable port development in seven countries (Italy, Croatia, Slovenia, Greece, Serbia, Montenegro and Albania). In Albania, the Maritime Port of Vlora implements the project. The value of the ECOWAVES Project is 2,114,750 Euros, and the implementation period is from March 1, 2020 to August 31, 2022.

After the registration of the participants on behalf of Maritime Port of Vlora made a warm welcome speech for all the participants. During the speech was presented the will, interest and the work that Port of Vlora is doing within the ECOWAVES project.

After the welcome speech Mr. Florian Bilali, in the role of the Technical Assistance to the National Authorities of the Port made a detailed presentation of the Project ECOWAVES at the workshop. The presentation emphasized the aims and objective of this project. During the presentation it was emphasized the role of the project and the port in order to make a connection bridge between policymaking institutions, the public and private sector that are using service in port of Vlora. The idea behind is that all shipping agents, cruising and ferries companies, travel agents, representatives of port authorities and captaincies, or all those who are touch in any way and who are users of the port area to act together and develop some plans that we will abide to in the future.

The ECOWAVES project consists of two work packages, one of which has already been completed. As there is a large coverage of all countries within this Project, the legislation is slightly different from each other.

For these reasons, there was a need to do a comparative legal overview of all the legal framework of the involved countries and the idea of using possible alternatives of having similar legal acts deriving from the EU legislation.

In the second active work package carried out by Project Partner there are three deliverables to be completed.

The first is an Agreement with the port authorities in the ADRION area. At least eight port authorities, of which at least two, meaning Serbia, Croatia, BiH and Montenegro, must sign the joint agreement to further contribute to the sustainable management of the port area. The signing of this Agreement is expected to be done in the Port of Ancona, which is also a partner in the ECOWAVES project.

The second deliverable is the signing of agreements with at least three shipping companies in order for them to contribute and develop the awareness of their crew members and staff and passengers about the proper handling of waste.



The third deliverable is the installation of various eco-islands from which each Project Partner has the opportunity to choose what is most convenient for them and their national legislative.

Vlora Port's Harbormaster Mr. Lorenc Rexhepaj did the first presentation, after the detailed presentation of the ECOWAVES project. The presentation was about monitoring and management of Port Reception Facilities in Port of Vlora and Vlora-1 oil terminal. During his presentation, Mr. Rexhepaj put and short overview of the legal framework dealing with Port Reception Facilities (PRF) in Albania. In this regard, he mentions the articles of the Maritime Code dealing with PRF and several IMO international convention ratified from Albania. The council of Ministers' Decision No 1104-dated 28.12.2015 "On national requirements for prevention of discharges at sea from ships" is determining all the requirements and the criteria to be met from PRF in order to deal with oily and solid residues from ships.

The second presentation on "International and national legislation and best practices in the field of port receiving installations for ship-generated waste" was presented from Raimonda Gjata academic researcher on maritime environmental issues.

Her presentation focused on EU legislation Directive 2008/98/EC on waste. This Directive lays down measures to protect the environment and human health by preventing or reducing the adverse impacts of the generation and management of waste and by reducing overall impacts of resource use and improving the efficiency of such use;

Directive (EU) 2019/883 on port reception facilities for the delivery of waste from ships. This directive aims to protect the marine environment against the negative effects from discharges of waste from ships using ports located in the Union, while ensuring the smooth operation of maritime traffic, by improving the availability and use of adequate port reception facilities and the delivery of waste to those facilities.

Directive 2010/65/EU on reporting formalities for ships arriving in and/or departing from ports of the Member States with the purpose to simplify and harmonies the administrative procedures applied to maritime transport by making the electronic transmission of information standard and by rationalizing reporting formalities. This directive applies to the reporting formalities applicable to maritime transport for ships arriving in and ships departing from ports situated in Member States.

Likewise, during the third presentation on "Port waste management Plans" Mrs. Raimonda Gjata pointed out the legal requirements necessary for drafting, approval and monitoring of the waste management plans in maritime ports. According the national legislation the plan is approved at least every three years and is reviewed after significant changes in the operation of the port, or in cases where licensed operators introduce a new project, according to the latest technology standards, which guarantees the best management possible port debris of ships and vessels.

One of the major Port Reception Facility in Republic of Albania "Pastrimi Detar Durrës" performed the fourth presentation, presenting all the reception facilities like ships, barges, tracks, tankers etc. and treatment facilities and equipment for oily residues taken from ships.

The first day of the activity ended with a round table discussion on problems and barriers are facing stakeholders during exercising of their services for Port reception facilities in Albanian maritime ports including Port of Vlora.



The second day started with the presentation on International regulatory framework on Port Reception Facilities (IMO) International legislation dealing with protection of marine environment and port reception facilities as UNCLOS, MARPOL, Ballast Water Management (BWM) Convention, and Barcelona Convention.

The second presentation on consolidated guidance for port reception facility providers and users. This Consolidated Guidance is intended to be a practical users' guide for ships' crew who seek to deliver MARPOL wastes/residues ashore and for port reception facility providers who seek to provide timely, efficient port reception services to ships. It provides a basis for establishing best practice procedures, with an eye towards improving the integration of PRFs into a more comprehensive waste management scheme in which final disposal of MARPOL wastes/residues occurs in a manner that protects the environment, with due regard for the health and safety of workers and the general population.

The third presentation on Guidelines for ensuring the adequacy of port waste reception facilities, these guidelines, prepared by the Marine Environment Protection Committee (MEPC) of the International Maritime Organization (IMO), contain information for the provision and improvement of port waste reception facilities and are designed to complement the IMO Comprehensive Manual on Port Reception Facilities. The guidelines provide, in summary, information relating to the ongoing management of existing facilities, as well as for the planning and establishment of new facilities.

The main objective of the guidelines is to remind States that wastes arise from all maritime activities - commercial, fishing and recreational - and that each activity requires specific attention.

The fourth presentation on EU regulatory framework on port reception facilities for the delivery of waste from ships the presenter pointed out that one of most important EU legislation on PRF is the Directive (EU) 2019/883 on port reception facilities for the delivery of waste from ships. This Directive aims to protect the marine environment against the negative effects from discharges of waste from ships using ports located in the Union, while ensuring the smooth operation of maritime traffic, by improving the availability and use of adequate port reception facilities and the delivery of waste to those facilities.

This Directive applies to all ships, irrespective of their flag, calling at, or operating within, a port of a Member State, with the exception of ships engaged in port services, and with the exception of any warship, naval auxiliary or other ship owned or operated by a State and used, for the time being, only on a government non-commercial basis;

The second day of activity ended with a round table of all participating stakeholders. In this round table, the participants discussed about the physical barriers and bottlenecks in implementation of the national legal framework on Port Reception Facilities. They and pointed out the continuous needs for extended cooperation between public and private entities and the urgent need for investments in equipment for delivery of waste in port of Vlora. Some private companies requested future similar workshops and training of personnel in this field.



Figure 12: Local capacity building event, Port of Vlora



Figure 13: Local capacity building event, Port of Vlora





Local capacity building event, Port of Vlora – Participant list

	Local Capac	ity Training, "Port r Agenda , (We	eception facilities fo ork package T2, deli	or the delivery of wa iverable T.2.1.1)	ste from ships"	
			March 8- 9th , 2022 10:00 AM			
		Hote	el Regina Garden , l	Vlora		
No	Name / Surname	Institution	Participants List			1
1	ARTION BEDIRAL	AVOKA T	Position KOUSU LENT	E-mail	Mobile	Signature
2	KRISTOFOR LAPA	Uni of Vlora	Teacher	ab. lawstudio	Demail. Co (u	045208313B
3	Ariol Hones	DELFINI I	Adom.	- Corporator		692076065 TE
4	Ardit Bornomi	HRBA MARITIME	AGENT		0684040631	-
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Local Capacity Training, "Port reception facilities for the delivery of waste from ships" Agenda , (Work package T2, deliverable T.2.1.1)

March 8-9th, 2022 10:00 AM Hotel Regina Garden, Vlora

Participants List

No	Name / Surname	Institution	Position	E-mail	Mobile	Signature
1	Ecson Thong	MIE	Specialist			1
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Local Capacity Training, "Port reception facilities for the delivery of waste from ships"

Agenda , (Work package T2, deliverable T.2.1.1)

March 8-9th, 2022 10:00 AM Hotel Regina Garden, Vlora

Participants List

No	Name / Surname	Institution	Position	E-mail	Mobile	Signature
1	Andit Barjami	ARBA	AGENT		069379376	
2	Aril Honoi	DELFINI I	Adm.		0694040632	De.
3	Eriono Tollulu	PORTI DETAR	Shef : Zyrës së Shedamore të Bour	etoslida @	0676494757	Ala
4	Pauline Jekai	Port Odlar Ylone	1 1 1	Aulio chopobasi	6m 0625644649	Sug
5	Mestian Bamistry	Brti Deler Vla	L. Turolita	mistions parmito	0695390417	But
6	Keistofor LAPA	uni of vlora	Teacher	kristofor, larga	. 6920 76065	Tel.
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Local Capacity Training, "Port reception facilities for the delivery of waste from ships" Agenda , (Work package T2, deliverable T.2.1.1)

March 8- 9th , 2022 10:00 AM Hotel Regina Garden , Vlora

Participants List

No	Name / Surname	Institution	Position	E-mail	Mobile	Signature
1	Lerley Lazer	. Detru Vlare	Drester	lary lorelas	and com	A
2	Eimir Veloi)	Bostom Dolo. K.	Thiner	/	0682607241	Die
3	Illedon Poplin	Rostini Adar	Inthine	postini dela O		1
4	ARTION BEDIRAL	AVOCAT	consulent ligible	ab. lawstudio	Deviail com	0682083133
5	Elson Thona	MIE	Specialist		368681124	
6	EOLIR SOLIS	MIE	specialist.	Estlei eda Dishet	0695778780	E
7	LORENC REXHEPAS	KAPITEN POLT		lonuerex Copaja		







Local Capacity Training, "Port reception facilities for the delivery of waste from ships" Agenda, (Work package T2, deliverable T.2.1.1)

> March 8-9th, 2022 10:00 AM Hotel Regina Garden, Vlora

Participants List

No	Name / Surname	Institution	Position	E-mail	Mobile	Signature
I	Manda Violle	V UNI-VIO	7	myanula.	Jidhar Qu	nivore edu
2	ENIS Hopha 1	diburnion			a quail- co	
3	Ela Johka	MiE	Specialist	300	0	og aruldu
4	Sofiros laggi	Venezia T	1	Slage	0.41.00	Suras Gar
5	PERUIN PASHOU		Specialist	peruip@	jahao con	
6			7-3/13/	+ our pao	direction	· ·
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8. Ministry of Capital Investments of Montenegro (PP9) Local Capacity Building

The workshop "Capacity Building for Enhancement of Port Waste Management System" was organized by Ministry of Capital Investments of Montenegro as a part of the activities envisaged through ECOWAVES project. This event was conceived as a tool aiming to make better link among all relevant stakeholders which are important for the implementation of policies related to prevention of marine pollution as well as mechanism for exchange of experience and possible recommendations for further improvement of the state of play. Workshop was held on February 18th 2022 in Podgorica at the hotel Ramada and was attended by 30 participants from various authorities and through respect of preventive pandemic measures. The ECOWAVES project is implemented within the Interreg ADRION program, led by the Port Authority of the Ionian Sea - Port of Taranto, and is aimed at sustainable port development in seven countries (Italy, Croatia, Slovenia, Greece, Serbia, Montenegro and Albania). In Montenegro, it is implemented by the Ministry of Capital Investments (MCI), with the available budget of 90.000 euros and the implementation period is from March 1, 2020 to August 31, 2022. During the first session of the workshop and after introductory speech of Mr. Nikola Veljovic, Director General for capital projects in the MCI, detailed presentation of the ECOWAVES project was given by the project coordinator in MCI, Ms. Milena Milacic and by Ms. Ivana Devic from AGRRA (Zadar), project partner in charge of the T2 work package related to enhancing the capacities. These interventions were an opportunity for the participants to get familiar with the main goals and expected results of the implemented actions and which are aimed to enhance the capacity in transnationally tackling environmental vulnerability, fragmentation, and the safeguarding of ecosystem services in the Adriatic Ionian area. In addition, the host institution also provided detailed information on the existing legislative framework regarding waste management in Montenegrin ports, with special reference to the Law on Ports and Law on Prevention of Marine Pollution from Vessels. Certainly, the greatest attention of the attendants was drawn to the plan to further improvement of the legal instruments, with the undivided opinion that further alignment with the EU acquis will continue the improvement in this important area. Impressions 4 of the participants were also exchanged regarding the harmonization with the Directive 2019/883, which is the planed activity of the Montenegrin government during the next year. The aim of this Directive is to protect the marine environment from the negative effects of the ship-generated waste and to ensure the smooth functioning of the maritime transport, by improving the availability and use of appropriate port facilities for receiving and delivering waste to those facilities. In the continuation of the event, the activity of the company has been presented, which is a stakeholder with an important role in Montenegrin waste management system. More specifically, waste collection and disposal services have been contracted to the company "Hemosan" d.o.o., based on Bar. The company operates with specialized personnel of 23 employees (engineers specialized in environmental protection and engineers of maritime qualifications). This company holds all required permits necessary for carrying out its contracted activities that include: -Protection of the sea, ports, marinas from pollutants as well as acceptance of hazardous waste, -Acceptance, transport, storage, and export of all types of hazardous and nonhazardous waste, - receipt and processing of oily and wastewater from the ships, - Cleaning of the tanks from oil and petroleum products and disposal of the waste derived from the same. Regarding the company's activities regarding waste collection and treatment, the following are noted: - In accordance with MARPOL Convention, the sub-contractor accepts all types of waste waters (Annex I) and garbage (Annex V) from



ships. - All waste waters are subject of mechanical-chemical treatment in Hemosan's facility in Port of Bar.

Figure 14: Local capacity building event, Ministry of Capital Investments of Montenegro



Figure 15: Local capacity building event, Ministry of Capital Investments of Montenegro





Local capacity building event, Ministry of Capital Investments of Montenegro -Agenda



Discussion 12:00 Coffee break



Local capacity building event, Ministry of Capital Investments of Montenegro - Participants list







Montenegro
Ministry of Capital Investments

ADRION ADMITS COMAIN

ECOWAVES

28.	Isidera Bulatovič	Port of Bar	04/113-445	Eldora buldengo	Golora Buldan
29.	Aleksandar Drakulović	Adriatic Marinas deo (Porto Montenegro)	13614720133	Strough Port	
30.	Nemanja Petrovic - Allegra	Allegra	+11169101061	tention come petrois	Mad
31.	Lorena Kapetanovic	Allegra	10EL 63-206-004	portagente allegns — munkregns com	LItgatemics
32.	Vladimir Kovačević	Hemosan P122A	+101998854944	Kludo bosacone	12
33.	Biljana Radović.	Hemosan	064-245-441	genativa Openian.)	uso processo
	Havia Ofermit	Accordance Harris	067-628116	30 Marie & Makeum h.	Slave Obseric
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MAIN PROJECT INFORMATION

Project acronym	ECOWAVES
Project title	Enhancing Cooperation in Waste management from Vessels in ADRION ports
Programme priority	2) Sustainable Region
Project duration	01.03.2020 – 28.02.2023
Project budget	2.114.500,00
Website	https://ecowaves.adrioninterreg.eu/

This project is supported by the Interreg ADRION Programme funded under the European Regional Development Fund and IPA II fund.

PARTNERSHIP

Port Network Authority of the Ionian Sea Port of Taranto	PORT NETWORK AUTHORITY OF THE IONIAN SEA – PORT OF TARANTO – LP
Central Adriatic Ports Authority	CENTRAL ADRIATIC PORTS AUTHORITY – PP2
Ports of Pearo, Falconara Marittima, Ancona, S. Benedisto, Pescara, Ortona IGOUMENITSA PORT AUTHORITY S.A.	IGUMENITSA PORT AUTHORITY S.A – PP3
GAGRRA Agencija za ruralni razvoj Zadarske županije Zadar County Rural Development Agency	ZADAR COUNTY RURAL DEVELOPMENT AGENCY – PP4
RRA severne Primorske Regijska razvojna agencija d.o.o. Nova Gorica	REGIONAL DEVELOPMENT AGENCY OF NORTHERN PRIMORSKA LTD. NOVA GORICA – PP5
ADA HUUA	BUSINESS ASSOCIATION FOR SPORT, RECREATION, REHABILITATION AND BUSINESS ECO ZONE ADA HUJA – PP6
Parti Detas Otari	PORT OF VLORA – PP8
Montenegro	MINISTRY OF TRANSPORT AND MARITIME AFFAIRS – PP9
Ministry of Transport and Maritime Affairs	



ASSOCIATED PARTNERS

ARPA PUGLIA	ARPA PUGLIA – REGIONAL AGENCY FOR THE PREVENTION AND PROTECTION OF THE ENVIRONMENT
Republika Srbija Ministarstvo zaštite životne sredine Agencija za zaštitu životne sredine	ENVIRONMENTAL PRTOTECTION AGENCY
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