

# EMBEDDING OF EUSAIR TSG3 – Quality of Environment

**2nd EUSDR EMBEDDING WEEK**

Iztok Škerlič, Municipality of Izola  
TSG3 supporting structure



# MAIN CHALLENGES EU/WORLD



- Biodiversity loss: key threats for humanity
- Almost **half of global GDP** is linked to nature
- **Connections** between biodiversity loss, climate change and pandemics
- **Restoring biodiversity** core part of recovery
- NATURA 2000: protect 30% of land and in particular **the sea**

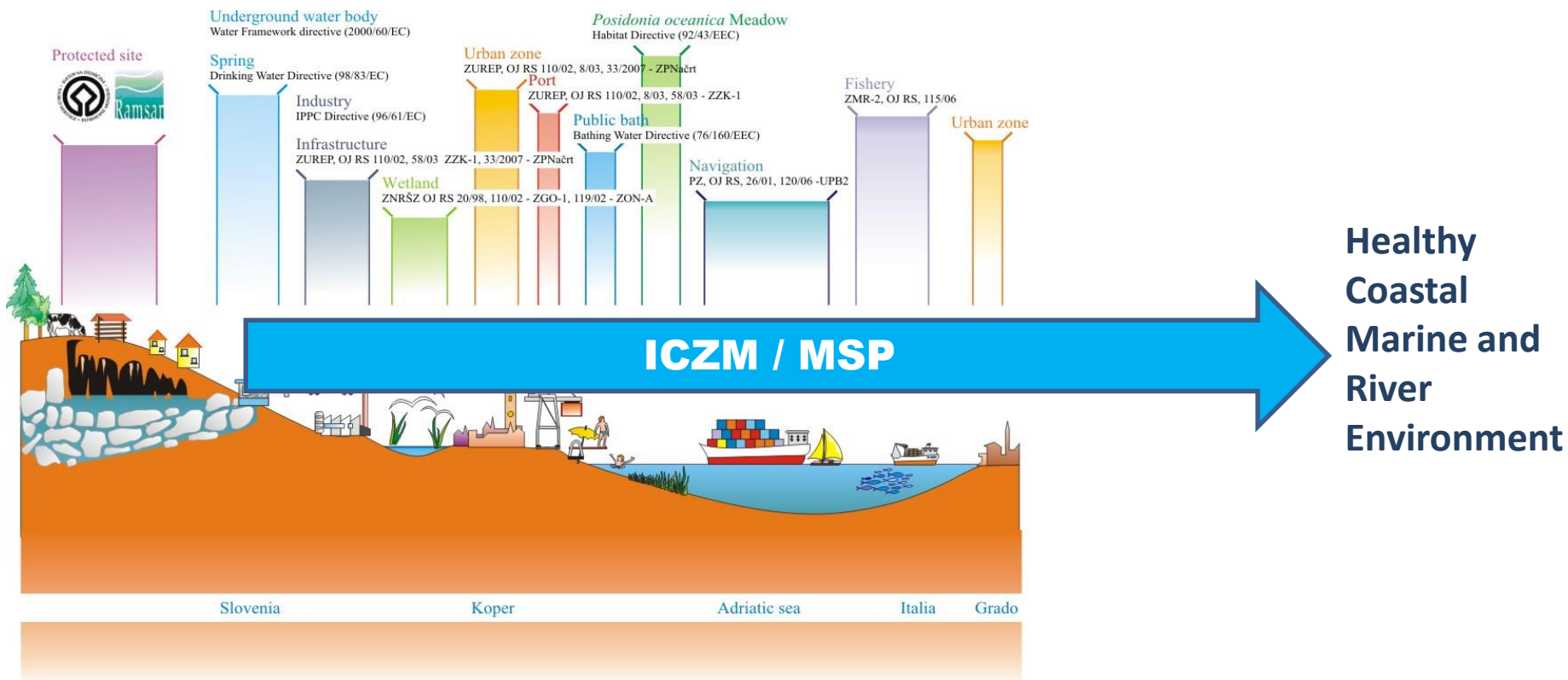
## EU Biodiversity STR by 2030:

- at least 30% of the EU's land area and 30% of the EU's marine area should be **protected**;
- at least one third of protected areas - that is 10% of the EU's land area and 10% of the EU's marine area - should be **strictly protected**;
- **provisions on effective management and restoration.**



# MAIN CHALLENGES EU/WORLD

EU Directive on MSP, July 2014: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L .2014.257.01.0135.01.ENG>



Blue Corridors in EU Sustainable blue economy, **Council decision May 2021** - <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2021:240:FIN>

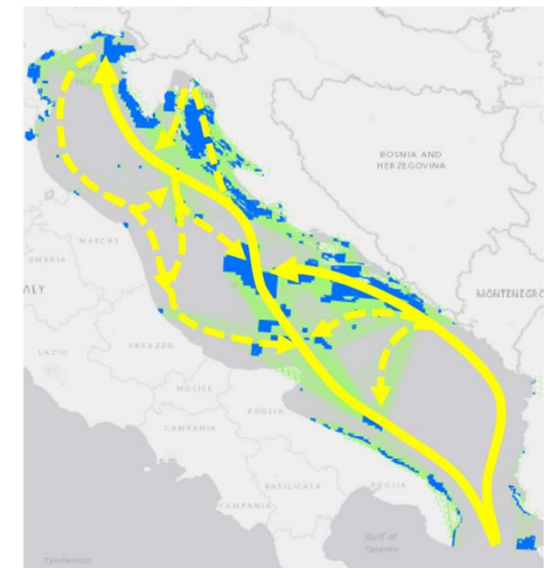
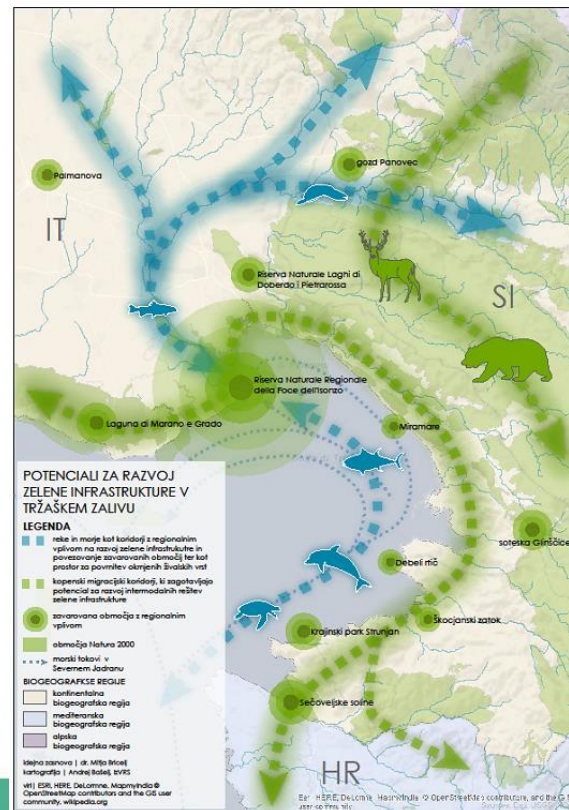
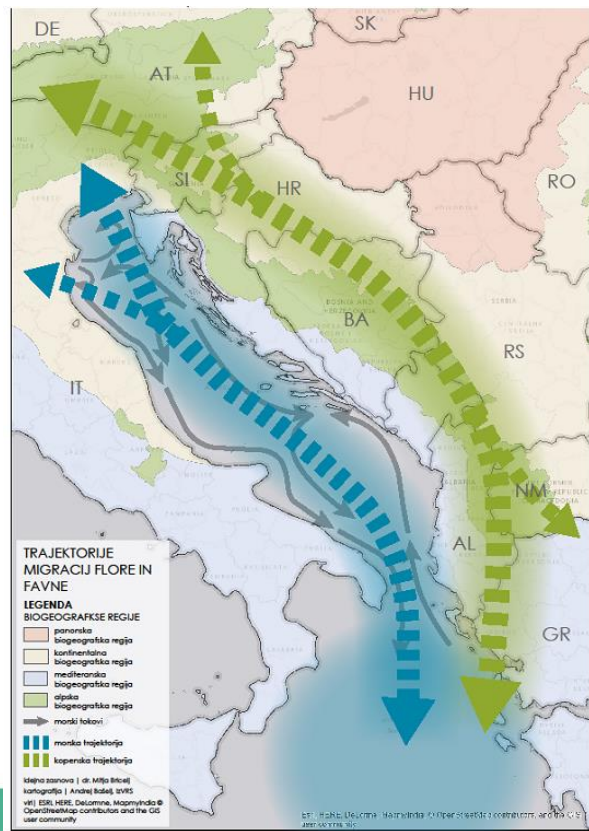


# GREEN AND BLUE CORRIDORS IN MSP

Green and Blue Corridors are environmental spatial links of Green Infrastructure areas that maintain or improve biodiversity and/or the **supply of ecosystem services**.

## Features of Green and Blue Corridors:

- Their basic feature is **connectivity**.
- Green and Blue Corridors make part of the **green infrastructure network**.
- They are recognised on all three levels: micro, mezzo, macro.



# TOPIC OF TSG 3 PARALLEL SESSION AT THE 8TH EUSAIR FORUM



„Promoting climate change adaptation and disaster risk prevention through RBM, ICZM  
and MSP“,  
on 25/05/2023 in Sarajevo



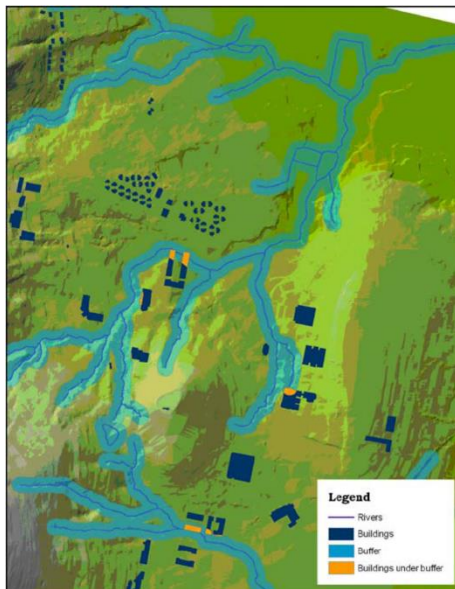
# GREEN AND BLUE CORRIDORS IN MSP – INCLUDES THE RIVER BASIN MANAGEMENT

- **SAVA RIVER BASIN** - Protection of Biodiversity of the Sava River Basin Floodplains – flood forecast system
- **MURA-DRAVA** river System as part of European Green Belt
- **„MORE SPACE FOR WATER“** - functioning of UNESCO in the field of water management



# BUFFER ZONES ON RIVERS FOR SEAS GREEN INFRASTRUCTURE (GI)

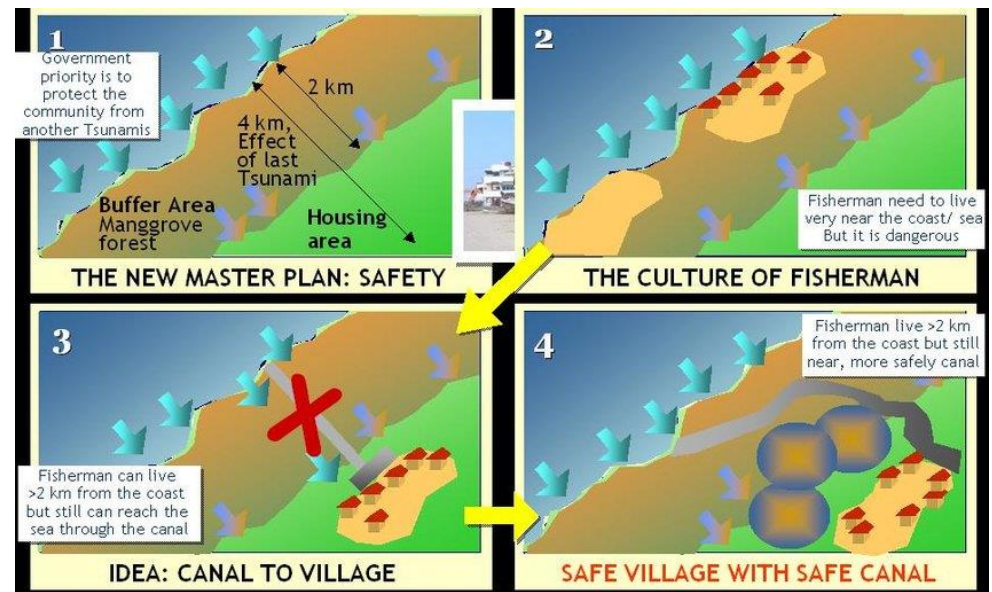
The GI concept offers a practical way for the EU Biodiversity Strategy (EBS) to take place, not only as a benefit for wildlife, but for human well-being as well. Together with other protocols, such as River Basin Management Plans (RBMPs), Integrated Coastal Zone Management Protocol (ICZM), Marine Spatial Planning (MSP)..., EBS offers a way of how to start achieving the natural recovery by 2030.



Buffer zone: rivers

Source: Cigden et al, 2006

,A Gis-Based Campus Information System:  
Izmir Institute of Technology'



Buffer zone: seas

Source: Bergado et al, 2005

,Tsunami devastations and reconstruction with geosynthetics'



# TSG 3 FLAGSHIPS: ICZM&MSP

**ICZM&MSP** – razvoj trajnostnega upravljanja obalnih in morskih območij  
**ICZM&MSP** – sviluppo sostenibile delle zone costiere e marittime  
**ICZM&MSP** – sustainable development of the coastal and maritime zones

Spodbujanje trajnostne rasti Jadransko-jonske regije z implementacijo ICZM – integralnega upravljanja obalnih območij ter MSP – pomorskega prostorskega načrtovanja kot prispevek k skupnemu regionalnemu načrtovanju ICZM po Barcelonski konvenciji. Koncept projekta je bil razvit v okviru stebra Kvaliteta okolja Strategije EU za Jadransko-jonsko Regijo (EUSAIR).

Incentivazione della crescita sostenibile della Regione adriatico-ionica attuando la GIZC – Gestione Integrata delle Zone Costiere e la PTM – Pianificazione Territoriale Marittima, contribuendo così alla pianificazione regionale congiunta della GIZC ai sensi della Convenzione di Barcellona. Il progetto è stato concepito e sviluppato nell'ambito del pilastro Qualità ambientale della Strategia UE per la Macroregione adriatico-ionica EUSAIR.

Fostering the sustainable growth of the Adriatic-Ionian Region by implementing ICZM – Integrated Coastal Zone Management and MSP – Maritime Spatial Planning, thereby contributing to the ICZM joint regional planning under the Barcelona Convention. The project was designed within the Environmental Quality pillar of the European Adriatic-Ionian Macro-Regional Strategy EUSAIR.



**4**

identificirana 4 testna območja za izvedbo pregleda implementacije ICZM&MSP konceptov  
 identificate 4 aree di prova per la revisione dell'implementazione dei concetti GIZC&PTM  
 identified 4 pilot areas in order to carry out a review of the implementation of ICZM & MSP concepts

1 strategija upravljanja podvodne kulturne dediščine • 1 strategia di gestione del patrimonio culturale subacqueo • 1 underwater cultural heritage management strategy	1 skupna platforma s podatki izbranih območij in njihovem upravljanju • 1 piattaforma comune con dati relativi alle aree e alla gestione • 1 platform with data related to areas and management
1 usklajena povezava rečnega in morskega sistema upravljanja • 1 collegamento armonizzato del sistema di gestione fluviale e marittimo • 1 harmonized link between river and marine management systems	9 sodelujočih držav • paesi partecipanti • participating countries

**3**

3 različne prostorske lestvice za izvedbo pregleda implementacije ICZM&MSP konceptov  
 3 diverse scale spaziali per eseguire la revisione dell'implementazione dei concetti GIZC&PTM  
 3 different spatial scales to carry out the review of the implementation of ICZM & MSP concepts

Promoting the sustainable growth of the Adriatic-Ionian Region by implementing ICZM - **Integrated Coastal Zone Management and MSP - Maritime Spatial Planning**, thereby contributing to the ICZM Joint Regional Planning under the Barcelona Convention. The concept of the project was developed within the pillar Environmental Quality, of European Adriatic-Ionian Macro-Regional Strategy, EUSAIR.

## EXPECTED OUTPUTS:

- 1 platform with area and management data to be feed: <https://portodimare.adrioninterreg.eu/>
- identified **4 pilot areas** to carry out a review of the implementation of ICZM & MSP concepts and **Jointly developed solutions**
- **3 different spatial scales** to perform the implementation review of ICZM & MSP concepts – **Joint training schemes for local, regional and national level**
- 1 harmonized **link between river and marine management systems** – **Strategies and action plans**
- **1 underwater cultural heritage management strategy** - **Strategies and action plans**





# THE FRAMEWORK PROJECT

## ACTIVITIES:

- WP1: Project management
- WP2: Establishing shared knowledge platforms
- WP3: Capitalization mechanism and identification of knowledge gaps
- WP4: Implementation
- WP5: Communication

WP2 - Establishing shared knowledge platforms	WP3 - Capitalization mechanism and identification of knowledge gaps	WP4 - Implementation
Regional scale	Regional scale	Regional scale
Sub-regional scale	Sub-regional scale	Sub-regional scale
Pilot cases	Pilot cases	Pilot cases

**Timing:** considering the progresses of national MSP processes and the expected change of framework conditions , the project activities will need to be adjusted in the moment of implementation, to be adapted to the new conditions.



# HANDBOOK FOR GREEN INFRASTRUCTURE AND SPATIAL PLANNING

- Preparation of the *Handbook* with the national Ministries, Municipalities, Institute for Water of the Republic of Slovenia, University of Ljubljana and **EUSAIR TSG3** that is available here: <https://www.adriatic-ionian.eu/event/6th-annual-eusair-forum/handbook-for-recognising-and-planning-green-infrastructure/>



6<sup>th</sup> Forum  
of the EU Strategy for the Adriatic and Ionian Region  
Along the coasts of the shared sea  
Izola, 11-12 May 2021

Handbook for  
Recognising and Planning  
Green Infrastructure

Co-funded by  
the European Union



# TSG 3 FLAGHIPS: ASOSCoP

**ASOSCoP** – meddržavni načrt za odziv v sili v primeru nesreče na morju

**ASOSCoP** – piano di emergenza transnazionale in caso di incidenti in mare

**ASOSCoP** – transnational contingency plan in the event of accidents at sea

Jadransko-jonski regionalni akcijski načrt ob izrednem razlitju nafte v Jadranskem morju. Načrt bi lahko preprečil možnost naravne katastrofe v primeru razlitja nafte in drugih podobnih nesreč. Projektni koncept je razvit v okviru stebra Kvaliteta okolja Strategije EU za Jadransko-jonsko Regijo (EUSAIR).

Piano di emergenza regionale adriatico-ionico per i casi di sversamento di petrolio nel mare Adriatico. Il piano potrebbe prevenire la possibilità di disastri naturali in seguito a fuoriuscite di petrolio e ad altre simili catastrofi. Il progetto è stato concepito e sviluppato nell'ambito del pilastro Qualità ambientale della Strategia UE per la Macroregione adriatico-ionica EUSAIR.

Adriatic-Ionian Regional Contingency Plan for the Emergency Oil Spills in the Adriatic Sea. The contingency plan could prevent the possibility of a natural disaster in cases of oil spills and other similar calamities. The project concept was developed within the Environmental Quality pillar of the European Adriatic-Ionian Macro-Regional Strategy EUSAIR.

Adriatic-Ionian Regional contingency Plan for the Emergency Oil Spill in the Adriatic Sea. The contingency plan could prevent the possibility of a natural disaster in the event of oil spills and other similar disasters. The project concept was developed within the pillar Environmental Quality, European Adriatic-Ionian Macro-Regional Strategy, EUSAIR.

## EXPECTED OUTPUTS:

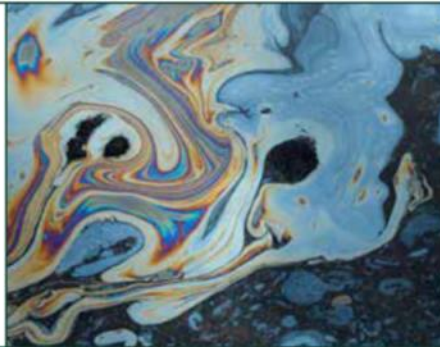
- defined operational procedures for coordinated emergency response in the event of an accident – **Jointly developed solution**
- Developed regional contingency plan to prevent and reduce the impact of oil spill on the sea and coast in the Adriatic-Ionian region – Joint Strategy and Action Plan For NORT (NAMIRS projects on-going); CENTRAL and SOUTH ADRIATIC – **Strategy and Action Plan**
- 4+ practical exercises for disaster prevention and – **Joint training scheme**



Opređeljeni operativni postopki za usklajen odziv v sili v primeru nesreče

Definite le procedure operative per una risposta coordinata all'emergenza in caso di incidente

Operational procedures laid down for a coordinated emergency response in the event of an accident



**4+**

praktične vaje za preprečevanje nesreč in za stanje pripravljenosti • esercitazioni pratiche per la prevenzione di catastrofi e lo stato di allerta • practical exercises for disaster prevention and state of readiness

**7**

vklučenih držav • paesi coinvolti • countries involved



Razvit regionalni načrt za preprečevanje in zmanjšanje vpliva razlitja nafte v morje in na obalo v jadransko-jonski regiji

Sviluppato piano regionale per prevenire e ridurre l'impatto di fuoriuscite di petrolio in mare e sulle coste nella Regione adriatico-ionica

Regional contingency plan developed to prevent and reduce the impact of offshore and onshore oil spills in the Adriatic-Ionian region



# „ASOSCOPI“ TSG 3 EUSAIR FLAGSHIP IMPLEMENTED BY THE NAMIRS PROJECT:

The **N**orth **A**driatic **M**aritime **I**ncident **R**esponse **S**ystem



Meeting among EUSAIR Potential partners on 16/03/2023  
to expand the project to the South Adriatic in Ionian Sea!  
Within Interreg ADRIION 21-27 ne calls.



# TSG 3 FLAGSHIPS: 3 MSP

- 3MPS** – Monitoring in upravljanje zaščiteneih morskih vrst
- 3MPS** – Monitoraggio e gestione delle specie marine protette
- 3MPS** – Monitoring and management of marine protected marine species

Projektni koncept je razvit v okviru stebra Kvaliteta okolja Strategije EU za Jadransko-jonsko Regijo (EUSAIR). Spodbudil bo varovanje ogroženih zaščiteneih morskih vrst pred onesnaževanjem in ekonomskimi vplivi človeka na območju jadransko-jonske regije.

Il progetto è stato concepito e sviluppato nell'ambito del pilastro Qualità ambientale della Strategia UE per la Macroregione adriatico-ionica EUSAIR, per promuovere la protezione delle specie marine a rischio di estinzione dall'inquinamento e dall'impatto delle attività umane.

The project concept was developed within the Environmental Quality pillar of the European Adriatic-Ionian Macro-Regional Strategy EUSAIR. It will promote the protection of endangered protected marine species from pollution and the impact of human activities environment.



Vzpostavitev mreže za spremljanje zaščiteneih morskih območij  
Creazione di una rete di monitoraggio delle aree marine protette  
Establishment of a Marine Protected Area Monitoring Network



Prve štiri referenčne vrste, ki se jih naslavlja s projektom, so:  
Le prime quattro specie di riferimento che saranno prese in considerazione dal progetto sono:  
The first four reference species to be addressed by the project are:



Cuvierjev kjunati kit • Zifo • Cuvier's Beaked Whale  
*Ziphius cavirostris*



Glavata kareta • Tartaruga Caretta caretta • Loggerhead Sea Turtle  
*Caretta caretta*



Veliki leščur • Nacchera di mare • Noble Pen Shell  
*Pinna nobilis*



Pozejdonka • Posidonia oceanica • Neptune Grass  
*Posidonia oceanica*

Monitoring and management of marine protected species. It would promote the protection of endangered marine protected species **from pollution and the economic impact of humans** on the Adriatic-Ionian region. The concept of the project was developed within the pillar Environmental Quality, European Adriatic-Ionian Macro-Regional Strategy, EUSAIR. The first four reference species to be addressed by the project are: **Posidonia, Noble pen shell, Loggerhead turtle and Cuvier's beaked Whale.**

## EXPECTED OUTPUTS

- developed a Marine Protected Area Monitoring Network – **Jointly developed solution, joint development and implementation scheme**
- 4 endangered marine species with improved habitat – **Strategies and Action plans**

**7**  
sodelujočih držav • paesi partecipanti • participating countries

**4**  
ogrožene morske vrste z izboljšanim življenjskim prostorom • specie marine a rischio di estinzione con habitat migliorato • endangered marine species with improved habitat



# CONCEPT OF THE ACTION PLAN

1. ANALYSIS OF THE CURRENT SITUATION WITH REGARD TO THE MPAs AND NETWORKS OF MPAs (AND OECMS) WITHIN EUSAIR MEMBER STATES, WITH RECOMMENDATIONS FOR POSSIBLE UPGRADING AND/OR EXPANSION
2. POSSIBLE APPLICATION OF AVAILABLE LEGAL BASES IN IDENTIFIED MARINE AREAS (EBSS, SPAMIs, ACCOBAMS..)
3. To identify steps or propose forms of management and control, within designated forms of cross-border cooperation.

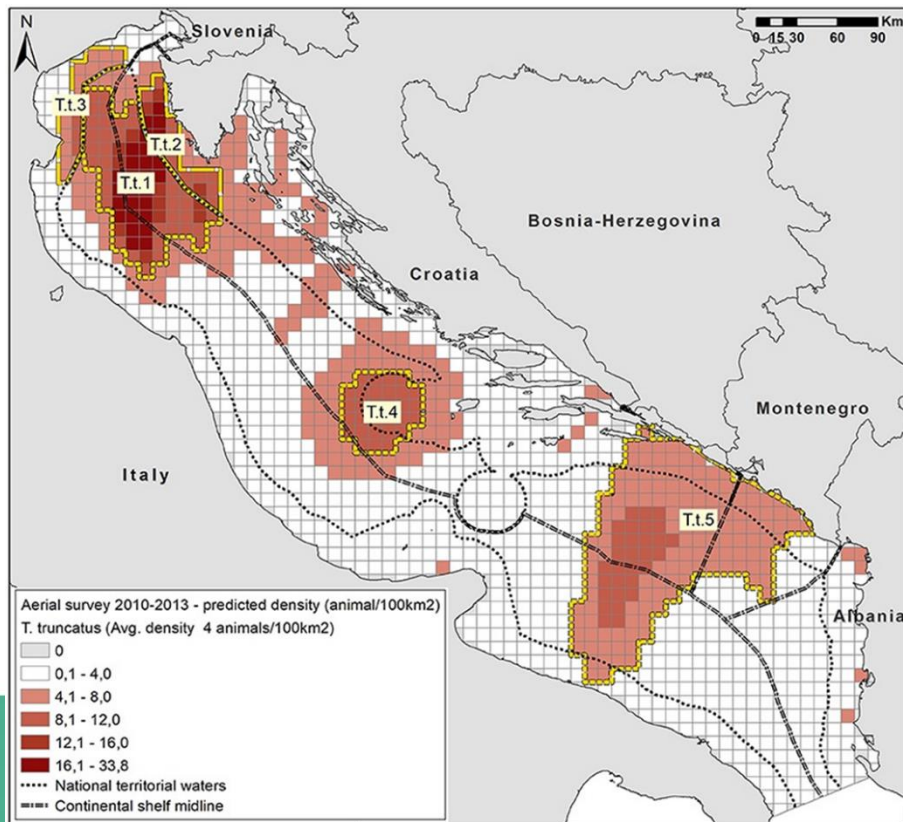
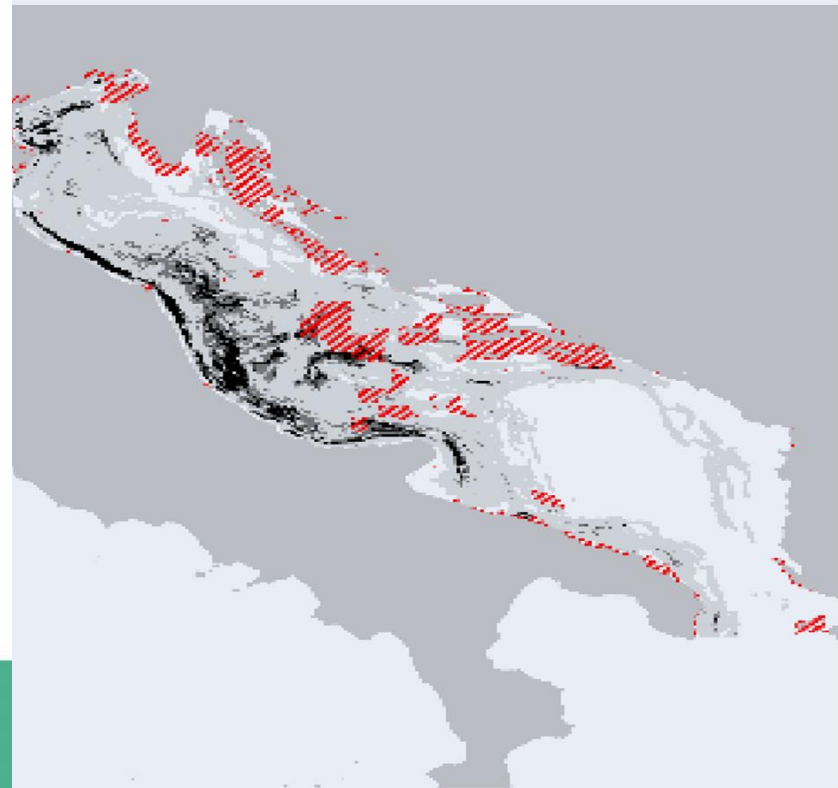


FIGURE 39 Proposed MPA network in the Adriatic



# THE EUSAIR (TSG3) PROJECT DEVELOPMENT LOGIC

Pillar	EUSAIR Action Plan	LABELLED PROJECTS - PAST PROJECTS IMPLEMENTING FLAGSHIPS - POSSIBLE CAPITALISATION PROJECTS	EUSAIR FLAGSHIPS 21-27 (12th Extraordinary EUSAIR Governing Board meeting on 10 June 2020)
<b>ENVIRONMENTAL QUALITY</b>	Topic 1 - The marine environment; Topic 2 - Transnational terrestrial habitats and biodiversity.	ADRIPLAN	DEVELOPMENT AND IMPLEMENTATION OF ADRIATIC-IONIAN SUB/REGIONAL OIL SPILL CONTINGENCY PLAN
		LIFE DINALP BEAR; CARNIVORA	PROTECTION AND ENHANCEMENT OF NATURAL TERRESTRIAL HABITATS AND ECOSYSTEMS
		DINARICA	
		ADRIPLAN; PORTODIMARE; GAF	PROMOTION OF SUSTAINABLE GROWTH OF THE AI REGION BY IMPLEMENTING ICZM AND MSP ALSO TO CONTRIBUTE CRF ON ICZM OF BARCELONA CONVENTION AND THE MONITORING AND MANAGEMENT OF MARINE PROTECTED AREA
		ADRIATIC NetCet; DeFischGear; ARLEM; ARIEL	



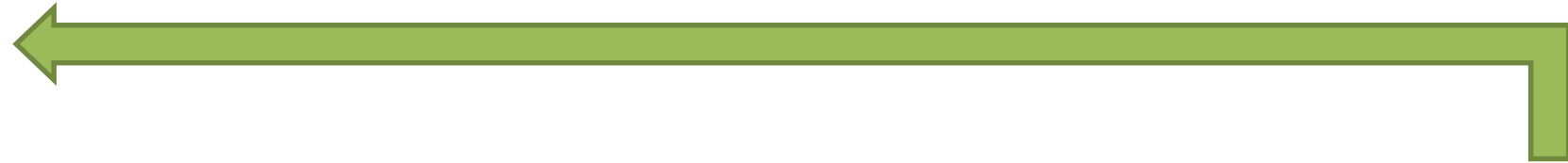
# THE EUSAIR (TSG3) PROJECT DEVELOPMENT LOGIC

<b>EUSAIR FLAGSHIPS 21-27</b> (12th Extraordinary EUSAIR Governing Board meeting on 10 June 2020)	<b>EUSAIR Facility Point - Strategic macroregional project/actions/ masterplans (project ideas advanced into strategic projects/actions or masterplan development)</b>		
DEVELOPMENT AND IMPLEMENTATION OF ADRIATIC-IONIAN SUB/REGIONAL OIL SPILL CONTINGENCY PLAN		<b>ASOSCoP</b> - Large-scale pollution Contingency plan	
PROTECTION AND ENHANCEMENT OF NATURAL TERRESTRIAL HABITATS AND ECOSYSTEMS		<b>PET HAB ECO</b> - Protection and enhancement of natural terrestrial habitats and ecosystems	
PROMOTION OF SUSTAINABLE GROWTH OF THE AI REGION BY IMPLEMENTING ICZM AND MSP ALSO TO CONTRIBUTE CRF ON ICZM OF BARCELONA CONVENTION AND THE MONITORING AND MANAGEMENT OF MARINE PROTECTED AREA		<b>ICZM and MSP</b> - To promote a sustainable growth of the AI region by implementing ICZM and MSP also to contribute CRF on ICZM of Barcelona convention	
		<b>3MPS</b> Monitoring and management of marine protected species	





# THE EUSAIR (TSG3) PROJECT DEVELOPMENT LOGIC



EUSAIR Facility Point - Strategic macroregional project/actions/ masterplans (project ideas advanced into strategic projects/actions or masterplan development)			NEW PROJECTS SUPPORTED BY FP EUSAIR IMPLEMENTING THE STRATEGIC MACROREGIONAL PROJECT/MASTERPLAN/ACTIONS	NEW STRATEGIC MACROREGIONAL PROJECT/MASTERPLAN/ACTIONS PROPOSALS
	ASOSCoP - Large-scale pollution Contingency plan		NAMIRS – North Adriatic Maritime Incident Response System (Grant agreement for project under DG ECHO – Union Civil Protection Mechanism Call in June 2021)	Bio-Shelters - Botanical Gardens as Biodiversity Shelters and Nurseries
	PET HAB ECO - Protection and enhancement of natural terrestrial habitats and ecosystems			FOREST READAPT - Renewal of the adaptation of coppice forests in a drastically changing environment SEC-DIV-CONIFERS - Secure diversity through a holistic approach for the most threatened Mediterranean conifer ecosystems: combining genetic, physiology, biodiversity indexes, germination and restoration
	ICZM and MSP - To promote a sustainable growth of the AI region by implementing ICZM and MSP also to contribute CRF on ICZM of Barcelona convention			NEATNESS - clean the Adriatic and the Ionian sea from the plastics
	3MPS Monitoring and management of marine protected species		LIFE NOAH - LIFE Northern Adriatic Open Sea Habitats and Species ( applied to a LIFE-2021-SAP-NAT-NATURE Call on 30.11.2021)	S.H.A.R.K- Towards the reduction of marine pollution, long-term in-situ conservation of threatened species and improving the marine environments in the Adriatic-Ionian Region



Background document for WP T.2 - Facilitating strategic project development



# FINANCIAL DIALOGUES PER COUNTRY

Date	Flagship presentation events	Financial dialogues
Slovenia	21	7
Croatia	59	4
Greece	6	8
Italy	2	1 + 5 Action Lab
Albania		
Bosnia and Herzegovina	0	0
Montenegro	0	1
Serbia	0	0

Background document for WP T.2 - Facilitating strategic project development





THANK YOU FOR YOUR ATTENTION

JZP Izola

Javni zavod za spodbujanje podjetništva in razvojne projekte

Občine Izola -

Ente pubblico per la promozione dell'imprenditoria e  
progetti di sviluppo del Comune d'Izola

Sončno nabrežje- Riva del sole 4,  
6310 Izola-Isola, Slovenia.

e: [jzp@izola.si](mailto:jzp@izola.si); [eusair@izola.si](mailto:eusair@izola.si)

t: +386 5 66 00 260 ,

f: +386 5 640 10 52

LinkedIN: JZP IZOLA

Twitter: JZP\_Izola

