

FAIRSEA (ID 10046951)

“Fisheries in the Adriatic Region - a Shared Ecosystem Approach”

D 2.4.1 – Infodays

Work Package:	WP2 – Communication activities Activity 2.4 - Events
Type of Document	Overview of Infodays organized by FAIRSEA PPs
Use	Public
Responsible PP	LP – OGS; PP7 – RERA; PP8 – SUNCE; PP6 - CoNISMA
Authors	Francesca Petrera (LP-OGS), Simone Libralato (LP-OGS)
Version and date	Final version, December 2021

Deliverable 2.4.1

INFODAYS

FAIRSEA – Fisheries in the Adriatic Region – a shared Ecosystem Approach

FAIRSEA is financed by Interreg V-A IT-HR CBC Programme (Priority Axis 1 – Blue innovation)

Start date: 01 January 2019

End date: 31 August 2021

Contents

Acronyms used.....	3
INTRODUCTION	4
Infodays	6

Acronyms used

AB	Advisory Board
CFP	Common Fisheries Policy
EAF	Ecosystem Approach to Fisheries
EAFM	Ecosystem Approach to Fisheries Management
FAIRSEA	Fisheries in the Adriatic Region – a Shared Ecosystem Approach
FS	Factsheet
JS	Joint Secretariat
KoM	Kick-off Meeting
LP	Lead Partner
MA	Managing Authority
OGS	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
PA	Partnership Agreement
PC	Project Coordinator
PM	Project Manager
PMU	Project Management Unit
PP	Project Partner
SC	Subsidy Contract
SC	Steering Committee
TC	Technical Committee
WP	Work packages

INTRODUCTION

The FAIRSEA project aims at enhancing transnational capacity and cooperation in the field of an ecosystem approach to fisheries in the Adriatic region by exchanging knowledge and sharing good practices among partners. The complementary expertise of the partners is shared, interlinked and integrated, considering also challenges and opportunities identified by stakeholders. The best way to reach sustainability, in fact, is to ensure stakeholders' participation in the process that requires time, trust, transparency and efficient steering. The efforts are embedded in a spatially explicit management platform that will allow to share expertise, create a common pool of knowledge, boost the operational application of the ecosystem approach to fisheries, enhance the competence in complex system dynamics, and foster a consensus on the state of the environment and fisheries in the region.

The collective development of the integrated platform will enhance partners' expertise on an approach seldom carried out in the Mediterranean Sea. The platform will result in a spatially explicit dynamic tool, integrating cornerstone elements for an ecosystem approach to fisheries that are: water masses circulation and connectivity (module HYDRO), biogeochemical planktonic processes (BGC), distribution of resources (BSTAT), catch and fleet statistics (FSTAT), effort distribution (EFFORT), bioeconomic responses (BIOECO) and food web dynamics (FWM). The attention to the spatial components in the distribution of the resources, the variability of the oceanographic condition, the management policies and the socio-economic impact is a particularly innovative and extremely valuable aspect. The shared integrated platform will be used as a planning tool to implement demonstrative testing of applicable fisheries policies both at local (subareas) and whole Adriatic scales. Especially, it will provide a scientific basis to formulate and evaluate shared management advice in the local and international participatory processes, answering to the need of reference points knowledge for the optimization between ecological and socio-economical sustainability. The process developed in FAIRSEA will provide an opportunity to describe best practices and define guidelines for a sustainable fishery management. The integrated platform will result in a product that constitutes the basis for a science-based decision support tool and a preliminary step towards the

future development of multiannual fishery management plans. The specific objectives of the FAIRSEA project are indicated in the Application Form (AF) and are:

Project specific objective 1: Enhance transboundary integrated competence in the field of ecosystem approach to fisheries

Enhance the transnational competencies and skills in the field of EAF in all network's members, by crossing and pooling resources and complementary expertise, exchanging and integrating knowledge and sharing the results. The goal is to develop a territorially integrated conceptualization of the EAF beyond existing differences and boundaries, and to strengthen and structure a network for future transnational plans, useful in the framework of the Common Fisheries Policy (CFP). This will result in reinforcing cohesion and encourage identification and adoption of economic optimal strategies.

Project specific objective 2: Implement a shared “state of the art” integrated platform for the region

Develop an operational spatially explicit platform that integrates the dynamics of water masses and primary production patterns, main components of the ecosystem in terms of target species and their food, main fisheries spatio-temporal dynamics, also accounting for socio-economic impacts. The tool will result from a novel integration of existing information and numerical approaches applied in the Adriatic basin (GSA17 and GSA18). The FAIRSEA integrated platform will permit testing different exemplificative policies that will be analysed and presented to stakeholders and policy makers for a joint discussion.

Project specific objective 3: Share benefits and challenges of ecosystem approach to facilitate the achievement of CFP objectives

Implement participatory processes for **sharing the integrated conceptualization of the ecosystem approach to fisheries** and the insights obtained from pilot applications. Project process enhances collaborative and participated definition of

policies to be tested, also through the involvement of a wide range of key stakeholders. The production of guidelines and best practices for transnational integrated frameworks useful for an ecosystem approach to fisheries is another aim of FAIRSEA. **Another objective is transferring at different levels and to different groups the potentialities and the difficulties of the approach, in order to increase its further development in the region and outside the region.**

Infodays

Infodays have been organized at National level in each project country devoted to launch FAIRSEA and communicate project.

First Infoday - ITALY

OGS organized a first Infoday in Trieste on 26th July 2019.

The event was attended by different stakeholders: 2 “General public”, 1 “Local, regional and national public authorities”, 1 “Regional and local development agencies, chambers of commerce and other business support organizations”, 3 “SMEs”, 14 “Universities, technology transfer institutions and research institutions”.





1 **FAIRSEA**
Fisheries in the Adriatic Region - a Shared Ecosystem Approach
La pesca nella Regione Adriatica - un approccio ecosistemico condiviso
FAIRSEA | OGS | Simone Libralato
Eventi pubblici al BOAMA Trieste | 26 Luglio 2020

2 **LA PESCA IN ADRIATICO**
UNA SITUAZIONE GENERALMENTE CRITICA
Le valutazioni scientifiche effettuate da organismi internazionali (es. ICLM) che (RACCOMANDANO) riportano che le risorse, sia demersali che pelagiche, sono in condizioni critiche
Il settore mostra un generale declino delle catture a causa di diversi fattori, sia ambientali (effetto delle perturbazioni, cambiamenti climatici, ...) sia gestionali (impedimenti, sovrasfruttamenti, ...)

3 **APPROCCIO ECOSISTEMICO**
VISIONE INTEGRATA DELLA PESCA
Considerazione integrata degli obiettivi economici, sociali ed ecologici in modo da identificare obiettivi gestionali condivisi e operativi (linee guida IAC)
INSUPERABLE
"Gli obiettivi economici e sociali (beni) nel corso delle altre non possono essere raggiunti se le risorse sono sfruttate alle soglie massime, gli obiettivi di sostenibilità vengono dalla zona di influenza sono responsabili se non si dimostrano gli obiettivi sociali ed economici" (Boedeltje et al., 2007, Science)

4 **FAIRSEA**
Area d'azione: Adriatico
Inter-Cluster OGS-Programma OGS (operativo dal 2020)
FAIRSEA | OGS | Simone Libralato
Durata: da 1 gennaio 2020 al 28 febbraio 2022 (26 mesi)
Total budget: 2.000.000,00 Euro

5 **Idea di FAIRSEA**
UN APPROCCIO ECOSISTEMICO CONDIVISO
• **OBETTIVO:** sommare le produzioni ittiche in un contesto di sostenibilità o almeno identificare misure che consentano di assicurare uno sfruttamento della risorsa marina economicamente più efficiente e sostenibile
• **METODO:** trasformativo e transdisciplinare per lo sviluppo di un approccio contestuale e applicato che faciliti la gestione
• **OGGI:** sviluppare collettivamente una piattaforma integrata: condividere dati, sforzi, capacità e metodi per testare nuove soluzioni. Costruire uno strumento utile per lo sviluppo dei piani di gestione.

6 **La piattaforma**
UNO STRUMENTO A SUPPORTO DELLE DECISIONI
• Integrazione delle variabili ambientali: approccio transdisciplinare che integra processi fisici, biochimici e biologici
• Multiple e multi-attorno: la gestione armonizzata può essere raggiunta solo andando oltre alla gestione per specie singola.
• Lo spostamento nello spazio acquico delle attività di pesca e la loro socioeconomia deve essere inclusa
• Applicazione operativa per andare verso un strumento utile a supporto e per lo sviluppo di piani di gestione

7 **LA PIATTAFORMA INTEGRATA**
PROCESSO INTEGRATO (NON SOLO INFORMAZIONI SETTORIALI)
ICL: Conoscenza e sostenibilità strategica
ICL: Rappresentazione e processi partecipativi
ICL: Sviluppo delle risorse
ICL: Conoscenza e sostenibilità della pesca
ICL: Distribuzione delle attività di pesca
ICL: Efficienza economica
ICL: Sostenibilità di una politica
Integrated platform
Integrazione spazio-temporale con i tipi di modelli matematici
Analisi di scenari alternativi di gestione
Documentazione a supporto dei piani di gestione

8 **Un approccio quantitativo**
La piattaforma integrata è il risultato più importante di FAIRSEA, per consentire un approccio ecosistemico quantitativo alla pesca che vada oltre i confini settoriali e le discipline.
La piattaforma verrà usata in FAIRSEA per diversi scopi già all'interno del progetto anche nelle fasi di sviluppo.
Piattaforma FAIRSEA (OGS)
OGS: Osservatorio Nazionale per lo Sviluppo Sostenibile
OGS: Osservatorio Nazionale per lo Sviluppo Sostenibile
OGS: Osservatorio Nazionale per lo Sviluppo Sostenibile

9 **THANKS for the attention**
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
National Institute of Oceanography and Applied Geophysics - OGS
Section Oceanography
OGS: Oceanography and Computational Hydrodynamics in Oceanography
Simone Libralato, FAIRSEA project coordinator
Via Salaria 14, 00185, Roma, Italy
slibralato@ogs.it
+39 042 244528
www.ogs.it
www.ogs.it/ogs

Second Infoday - CROATIA

Infodays of the project were organized on 18th and 19th of May 2020 in Mali Ston. Public institution RERA D.D. together with the Association "Stonski školjkarji" and the University of Dubrovnik organized the event. During the event professor dr.sc. Ivan Katavić gave the presentation including these the four topics:

- Fisheries Management Regulations in the Adriatic Sea
- Stakeholders in the decision making process
- Fisheries management based on the ecosystem approach
- Decision support systems in fisheries

During the info days project communication manager (CM) presented a project FAIRSEA to the participants of the meeting.

The participants of the meeting were representatives of regional, local and national decision makers, associations, universities, research Institutes and operators from the aquaculture sectors. In particular: 3 TG2 - Local, regional and national public authorities, 3 TG3 - Regional and local development agencies, chambers of commerce and other business support organizations, 9 TG4 - SMEs, 1 TG5 - Universities, technology transfer institutions, research institutions, 2 TG6 - NGOs, associations, innovation agencies, business incubators, cluster management bodies and networks.



Presentation Views | Master Views | Show | Zoom | Color

Projekt FAIRSEA

| IZOR SPLIT |

Šesuffilba u Dubrovniku – Laboratorij za morskotuznu ušternu | Španj | 18. lipnja 2020.



1

FAIRSEA: Fisheries in the Adriatic region - a shared ecosystem approach

Projekt je sufinanciran sredstvima programa Interreg Italija-Hrvatska 2014.-2020. Program Interreg Italija-Hrvatska sufinancira projekte suradnje između zemalja članica koje obale leže na Jadranskom moru.

Tim projektima se nastoji omogućiti razmjenu znanja i inovativna regionalnih i lokalnih dionika, razvoj pilot procesa i usluga, podupiranje stvaranja novih poslova temeljenih na plavom razvoju, npr. stvaranje novih politika kao i poboljšanje kvalitete života više od 12,4 milijuna stanovnika koji žive na ovim područjima.

Prioritetna os 1: Plavinarstvo
 Ukupni proračun projekta: 2.060.000,00 €
 Ukupni iznos sufinanciranja (ERDF): 1.751.000,00 €

Trajanje projekta: 01.01.2019.-28.02.2021.
 Poveznica na projekt: <https://www.italy-croatia.eu/web/fairsea>



2

FAIRSEA

- FAIRSEA projekt razvijen je na ribarstvu, važnu gospodarsku djelatnost u Jadranskom moru, posebno zbog njegove snažne kulturne, socijalne i ekonomske uloge u regionalnim obalnim zajednicama.
- Glavni cilj projekta je poboljšanje svijeta za uvođenje inovativnih pristupa na održivo upravljanje ribarstvom u Jadranskom moru temeljeno na razmjeni znanja i dijeljenju dobrih praksi među partnerima.
- Glavni rezultat projekta bit će razvoj integrirane platforme za ekskluzivni pristup ribarstvu, koji nadilazi teritorijalne granice (intermunicionalnost) te daje naglasak na interdisciplinarnosti.



6

FAIRSEA

Ova višekostrižna i inovativna platforma koristi se za kao alat za planiranje pomoću kojega se na različitim razinama pristupi upravljanju ribarstvom na lokalnoj, regionalnoj i na razini cijelog Jadrana.

Platforma je osmišljena kao multistrukturalna osnova za podizanje i promicanje zajedničkih upravljačkih odluka na nacionalnoj i međunarodnoj razini, nastala suradnjom različitih institucija, stručnjaka i dionika ribarstva.

Projektom se nastoji omogućiti obavljanje odgovora referentnim točkama, najboljim praksama i uputama za administriranje između ekološke i socio-ekonomske održivosti sektora ribarstva na području Jadrana.

THE PLATFORM

INTERDISCIPLINARY PROCESSES (NOT ONLY LAURELS)

- WPS1: Water Governance & Connectivity
- WPS2: Aquaculture & Aquaculture Practices
- WPS3: Distribution of Resources
- WPS4: Policy and Law, Evidence
- WPS5: Social Innovation and Aquaculture
- WPS6: Bio-economic modelling
- WPS7: Policy and Governance



7

Participativni pristup



DIONICI



11

FAIRSEA

Institut za oceanografiju i ribarstvo Split
 Voditelj radnog paketa: Prof.dr.sc. Nedo Vrgoč
 Učesnik: Katarina Božanić Švabić

• Setažite namu: Međimurje 63, 21000 Split
 • bozanic@ioz.hr
 • 021-408-068
 • <http://www.ioz.hr/web/guest/home>

Kontakt voditelja paketa:
 Doc. Sc. Simona Ubrnako
 sibrnako@ioz.hr
<https://www.ioz.hr/>



12

FAIRSEA
Funding in the Adriatic Region
to Shared Economic Agreements



2014 - 2020 Interreg V-A
Italy - Croatia CBC Programme
Call for proposal 2017 standard
Leading partner: CRK
Scientific Responsible: Simona Lindner
Duration: January 2018 and February 2021 (24 months)
Total budget: 2.000.000,00 Euro

Interreg
Italy - Croatia

Projektno partnerstvo

VRHOVA partner: Nacionalni institut za znanstvenoteknološki preporijeku partnerski (INA)

INA je u skladu sa strategijom razvoja, koje obuhvata:
 2012. Istraživa i razvojno-inovativna, akcionarna strategija (OIRA)
 2014. Strategija za inovativni razvoj i razvojno-inovativnu politiku (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)

Interreg
Italy - Croatia

Radni paketi od kojih se projekt sastoji

1. Projektne aktivnosti / koordinacija
2. Aktivnosti razvoja
3. Istraživački, razvojni, inovativni i istraživački projekti / istraživački projekti / istraživački projekti
4. Implementacija ijevanje inženjerske platforme
5. Osimni razvojne aktivnosti iz razvoja inženjerske platforme

Interreg
Italy - Croatia

3

4

5

FAIRSEA



Ciljevi Platforme

Platforma je uspostavljena u skladu sa strategijom razvoja, koje obuhvata:
 2012. Istraživa i razvojno-inovativna, akcionarna strategija (OIRA)
 2014. Strategija za inovativni razvoj i razvojno-inovativnu politiku (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)

Interreg
Italy - Croatia

Participativni pristup



Platforma je uspostavljena u skladu sa strategijom razvoja, koje obuhvata:
 2012. Istraživa i razvojno-inovativna, akcionarna strategija (OIRA)
 2014. Strategija za inovativni razvoj i razvojno-inovativnu politiku (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)

Interreg
Italy - Croatia

Participativni pristup



DIONICI

Participativni pristup je uspostavljen u skladu sa strategijom razvoja, koje obuhvata:
 2012. Istraživa i razvojno-inovativna, akcionarna strategija (OIRA)
 2014. Strategija za inovativni razvoj i razvojno-inovativnu politiku (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)
 2014. Strategija za istraživačko i razvojno-inovativno područje (SIRIP)

Interreg
Italy - Croatia

8

9

10

*

FAIRSEA PROJECT

“Fisheries in the Adriatic Region - a Shared Ecosystem Approach”

Info days

Capacity buildings meeting for Policy makers in Dubrovnik Neretva County

“Ekosustavni pristup upravljanja ribolovom u RH”

18-19 June 2020

Mali Ston

Agenda

18. lipnja 2020. (četvrtak)

Sveučilište u Dubrovniku – Laboratorij za marikulturu u Biotini

Bistrina bb, 20230 Ston

15:00 - 15:15 Uvodno obraćanje –JU AERA SD Split

15:15 - 15:30 Presentacija projekta FAIRSEA – Institut za oceanografiju i ribarstvo Split

15:30 - 17:00 Predavanje na temu Ekosustavni pristup upravljanju ribolovom u RH.

Tematske jedinice su:

I. Osnove upravljanje morskim ribarstvom s posebnim obzirom na Jadran

II. Regulatorne i provedbene mjere, modeli donošenja odluka i uključivanje dionika

III: Upravljanje ribolovom temeljeno na ekosustavnom pristupu.

IV: Primjena sustava za podršku odlučivanju u upravljanju ribolovnim aktivnostima

Predavači: prof.dr.sc. Ivan Katalvić i dr. sc. Irena Bitunjac.

17:00 – 19:30 Radionice “Školjarstvo u Malostonskom zaljevu: stanje i perspektive”

- Ministarstvo poljoprivrede RH – Uprava za ribarstvo
- Sveučilište u Dubrovniku – Ocjel za akvakulturu
- Institut za oceanografiju i ribarstvo Split
- Udruga Stonski školjkari
- Dubrovačko neretvanska županija – UO za turizam, pomorstvo, poduzetništvo i energetiku



19. lipnja 2020. (petak)
Trg kraja Tomislava 1, Ston

09:00 – 12:30 Info dani projekta FAIRSEA – JU RERA S.D

Institut za oceanografiju i ribarstvo Split
Udruga Sunce - Split

dvorana za sastanke Općine Ston – Trg kraja Tomislava 1, Ston

09:30 proširena sjednica Ceha za ribarstvo OK DNŽ s pomoćnikom ministrice poljoprivrede
mr.sc. Antom Mišurom

European Regional Development Fund



2

Third Infoday – ITALY

LP-OGS organized in Trieste an Infoday on 2 September 2020. The event was organized for journalists within the framework of the international conference ESOF2020, with the support of other projects.

The event involved 15 “TG1 General public”, 2 “TG 4 SMEs”, 2 “TG 6 NGOs”, 1 “TG 7 Education and training organisations as well as social partners and labor-market institutions”.



