

FAIRSEA (ID 10046951)

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

D5.1.1 - First international stakeholder meeting

Work Package:	WP: 5 - Decision support system for the development of sustainable fisheries Activity: 1 - Planning and organising Adriatic stakeholder events
Type of Document	The deliverable includes the main information on the Second Stakeholder Meeting: Invitation letters, Agenda and Minutes, some photos. Annex: 1) participants list, 2) questionnaires and 3) presentations.
Use	Internal
Responsible PP	PP11 - MEDAC
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FAIRSEA project - Invitation to the first Stakeholder meeting

21 February 2019 Palace of the Region Veneto, Fondamenta Santa Lucia, Cannaregio 23 in Venice

Mediterranean Advisory Council, MEDAC

Dear Mme/Sir,

You are kindly invited to attend to the first Stakeholder meeting of the Interreg Italy-Croatia FAIRSEA project co-funded by EU (financial assistance of the Italy Croatia CBC Programme). The project titled **"Fisheries in the Adriatic Region a Shared Ecosystem Approach"** aimed to a harmonized and optimized management, increasing fisheries productions in a sustainable framework or at least identifying ways that assure a more economically efficient harvesting of marine resources of the Adriatic Sea. The application of a transboundary and transdisciplinary approach is essential to move toward a real application of the ecosystem approach. The best way to reach sustainability, in fact, is to ensure stakeholders' participation in a process that requires time, trust, transparency and efficient steering. All the efforts will be 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.

During the first stakeholder meeting, that will be held on 21 February 2019, priorities and sensitive issues raised by stakeholders will be discussed and your contribution will constitute the elements to be taken into account in the Ecosystem approach to Fisheries (EAF). The event will be organized also with the participation and contribution of the other partners of the FAIRSEA project

The working languages will be Croatian, English and Italian. The travel and accommodation expenses will be covered by the FAIRSEA project, therefore you are kindly invited to make your registration on the following link <http://en.med-ac.eu/events.php> no later than on February 13. Referring to the reimbursement more information can be requested to the MEDAC Secretariat : segreteria@med-ac.eu. Moreover the confirmation of reimbursement will depend on the basis of the financial resources availability.



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Poziv na prvi sastanak dionika FAIRSEA projekta

21. veljače 2019. Palace of the Region Veneto, Fondamenta Santa Lucia, Cannaregio 23, Venecija

Mediterranean Advisory Council, MEDAC

Poštovani/e,

Ijubazno vas pozivamo na prvi sastanak dionika projekta **“Ribarstvo u Jadranskoj regiji: zajednički ekosustavni pristup” (FAIRSEA)** sufinanciranog sredstvima Programa Interreg Italija – Hrvatska (financijska potpora programa CBC Italija – Hrvatska). Cilj projekta je usklađeno i optimalno gospodarenje, povećanje proizvodnje ribarstava unutar okvira održivosti ili barem utvrđivanja načina koji osiguravaju učinkovitije korištenje morskih resursa Jadranskog mora. Prekogranični i interdisciplinarni pristup od ključnog je značaja u postizanju stvarne primjene ekosustavnog pristupa. Naime, najbolji način za postizanje održivosti je osigurati sudjelovanje dionika u procesu koji zahtijeva vrijeme, povjerenje, transparentnost i učinkovito upravljanje. Sav trud biti će uložen u uspostavljanje prostorno eksplicitne platforme za upravljanje koja će omogućiti razmjenu stručnog znanja, stvaranje zajedničkog znanja, jačanje operative primjene ekosustavnog pristupa u ribarstvu, širenje nadležnosti u složenim dinamikama te poticanje konsenzusa o stanju okoliša i ribarstva u regiji.

Tijekom prvog sastanka dionika, koji će se održati 21. veljače 2019., razmotriti će se prioritete i osjetljiva pitanja dionika, a vaša će doprinos predstavljati elemente koje će se trebati uzeti u obzir u okviru Ekosustavnog pristupa u ribarstvu (EAF). Događaj će biti organiziran i uz sudjelovanje i doprinos drugih partnera projekta FAIRSEA.

Radni jezici će biti hrvatski, engleski i talijanski. Troškovi putovanja i smještaja bit će pokriveni projektom FAIRSEA, stoga ste ljubazno pozvani da se registrirate najkasnije do 13. velja čeputem sljedećeg linka

<http://en.med-ac.eu/events.php>. Više informacija o povratu troškova možete zatražiti od tajništva MEDAC-a: segreteria@med-ac.eu. Potvrda o povratu troškova ovisiti će o raspoloživosti financijskih sredstava.



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Progetto FAIRSEA – Invito al Primo incontro dei portatori d'interesse del mondo della pesca
il 21 febbraio presso il Palazzo della Regione Veneto, Fondamenta Santa Lucia, Cannaregio 23 in Venezia
Mediterranean Advisory Council, MEDAC

Gent.ma/mo,

Siete cortesemente invitati a partecipare al primo incontro dei portatori d'interesse del mondo della pesca del progetto Interreg Italia-Croazia cofinanziato dall'UE (assistenza finanziaria del Programma CBC Italia Croazia). Il progetto intitolato " **La Pesca nella Regione Adriatica, un approccio ecosistemico condiviso**" finalizzato ad una gestione armonizzata e ottimizzata, alla maggiore produttività della pesca in un contesto di sostenibilità o almeno all'identificazione di modalità che assicurino una cattura più economicamente efficiente delle risorse del Mar Adriatico. L'applicazione di un approccio transfrontaliero e transdisciplinare è essenziale per andare verso una vera applicazione dell'approccio ecosistemico. Il modo migliore per ottenere la sostenibilità, infatti, è attraverso la partecipazione di tutte le parti interessate in un processo che richiede tempo, fiducia, trasparenza e una direzione efficiente. Tutti gli sforzi saranno rivolti verso una piattaforma di gestione spaziale che consentirà di condividere le esperienze, creare un insieme condiviso di conoscenza, incrementare l'applicazione operativa dell'approccio ecosistemico alla pesca, aumentare le competenze sulle dinamiche di un ecosistema complesso, e favorire un consenso sullo stato dell'ambiente e della pesca nella regione.

Durante il primo incontro delle parti interessate del mondo della pesca, che si terrà il 21 Febbraio 2019, saranno discusse le priorità e le criticità sollevate dai portatori d'interesse e il vostro contributo costituiranno gli elementi da considerare nell'approccio ecosistemico alla pesca (EAF). L'evento sarà organizzato anche con la partecipazione e il contributo degli altri partner del progetto FAIRSEA.

Le lingue di lavoro saranno il croato, l'inglese e l'italiano. Il viaggio e le spese di alloggio saranno rimborsate dal progetto FAIRSEA, per cui siete cortesemente invitati a registrarvi al link <http://en.med-ac.eu/events.php> entro il 13 Febbraio. Sulle modalità di rimborso è possibile chiedere ulteriori informazioni al Segretariato del MEDAC: segreteria@med-ac.eu (Cell. 389 8922080). La conferma del rimborso sarà possibile entro il 13 Febbraio.



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FAIRSEA project – First Stakeholder meeting

21 February 2019 Palace of the Veneto Region, Fondamenta
Santa Lucia, Cannaregio 23 in Venice

DRAFT AGENDA

9:30:16:30

- 1) Welcome and introduction
 - 2) Overview of the project key data
 - 3) Presentation of the main components of the management platform
 - 4) Question time
- 13:00-14:00 Lunch at Laguna Libre - Fondamenta Cannaregio, 969
- 5) Presentation of the preference modelling techniques to facilitate the participatory process
 - 6) Question time
 - 7) Conclusion
- 16:00 - 16:30 Coffee Break

FAIRSEA projecta – Prvi sastanak dionika

21. veljače 2019. Palace Regione Veneto, Fondamenta Santa Lucia, Cannaregio 23, Venecija

PRIJEDLOG DNEVNOG REDA

9.30 - 16.30

1) Dobrodošlica i uvod

2) Pregled podataka o ključnim podacima projekta

3) Predstavljanje glavnih komponenti platforme za upravljanje

4) Pitanja

13:00-14:00 Pauza za ručak “Laguna libre” – Fondamenta Cannareggio, 969

5) Predstavljanje tehnika modeliranja preferenci s ciljem olakšavanja participativnog procesa

6) Pitanja

7) Zaključci

Pauza za kavu 16:00 - 16:30

Progetto FAIRSEA – Primo incontro dei portatori d'interesse del mondo della pesca

21 Febbraio presso il Palazzo della Regione Veneto,
Fondamenta Santa Lucia, Cannaregio 23 Venezia

Agenda provvisoria

9:30-16:30

- 1) Benvenuto e Introduzione
- 2) Panoramica delle informazioni chiave del progetto
- 3) Presentazione delle principali componenti della piattaforma gestionale
- 4) Spazio per le domande sull'argomento

13:00-14:00 Pausa pranzo presso Laguna Libre - Fondamenta Cannaregio, 969

- 5) Presentazione delle tecniche di simulazione modellistica per facilitare il processo partecipativo
- 6) Spazio per le domande sull'argomento
- 7) Conclusioni

16:00-16:30 Pausa caffè

FAIRSEA

Fisheries in the Adriatic Region – a Shared Ecosystem Approach

D5.1.1 First international stakeholder meeting

Report of the first international Stakeholder meeting

21 February 2019 – “Grandi Stazioni” Palace, Veneto Region – Venice

Report of the first international Stakeholder meeting

21 February 2019 Palace of the Veneto Region, Fondamenta Santa Lucia, Cannaregio 23

Giampaolo Buonfiglio, Chair of the First stakeholder meeting, thanks the Croatian and Italian administrations and all the stakeholders attending at the meeting. Moreover, the President of the Mediterranean Advisory Council provides an overview of the main regulations in force in the Adriatic and explains the reasons of MEDAC support to the FAIRSEA project.

Simone Libralato (National Institute of Oceanography and Applied Geophysics – OGS) introduces the agenda and explains that the meeting is aimed to share and collect the stakeholder’s contribution to evaluate the scenarios resulting by the project activities. Priorities and sensitive issues have to be discussed and the basis for the MCDA (Multi Criteria Decision Analysis) has to be collected through a questionnaire. Libralato provides an overview of FAIRSEA project (attached Slides).

The main issues and comments raised during the stakeholders’ debate concern:

- Data on nonprofessional fishery activities and the “grey area” of illegal commercialization should be considered in the EAF (Ecosystem approach to Fisheries) and in the management scenarios;
- The importance of stakeholder’s meetings during the project, at least 1 meeting half-yearly is needed;
- In the management scenarios attention should be paid to the multi specific fleets and to the impact of the mono specific prohibitions on the other species. The project results and the ecological perspective will be explained during the international meetings of ICCAT and GFCM;

Fabio Grati (Consiglio Nazionale delle Ricerche, Istituto per le Risorse Biologiche e le Biotecnologie Marine) explains the results of DISPLACE model in Adriatic Sea. The attached slides show the spatial fishery management based on the available data and the related preliminary results.

During the debate, the speech of Giacomo Chato Osio highlights the main difficulties related to this model in the Mediterranean: the need of many information and data that are not available, the data collection of MEDITS and Solemon is carried out only in one month every year, the problem of fleet overcapacity is not solved. Fabio Grati describes the data sources incorporated in the model to carry out results based on the best available data (i.e. FOS for georeferenced effort units). Nedo Vrgoc highlights the model results, mainly validating the positive effects of the spatio-temporal closures.

Then Donata Melaku Canu (National Institute of Oceanography and Applied Geophysics – OGS) explains the attached presentation about the “Connectivity models in the Adriatic Sea to support the design of Essential Fish Habitats”, where three-dimensional hydrodynamic models provide scenarios on the larval flow, and the related efficacy of protection in different areas.

The following debate focused mainly on the importance of the environmental variables included in the hydrodynamic models and about the connection between the larval movement and management

decisions. The geo-localization of the interconnection between key areas for spawning and reproduction is the basis of the assessment of their efficacy in protection (provided that the models must be validated). Moreover, the outputs allow to know the potential of each area: where the spill over prevails or the area is more autonomous in the life-larval stages.

Maria Teresa Spedicato (COISPA Tecnologia & Ricerca, Bari) explains the socio-economic processes in fisheries management integrating more than one tool available for management. The attached slides show how the model integrates different gears and features of the Mediterranean fleets considering the multi-criterial components, in order to evaluate each contribution for the sustainability. In the Mediterranean the exploitation pattern should be improved looking at the fishing pressure on the different population components. The objective is the improvement of fishery sustainability, as well as the socio-economic impacts. Bemtool is a model that, although not spatially explicit, considers: interactions between fleets operating in different fishing grounds, components of stock dynamics, fleet dynamics, fishing costs, etc., and it will be included in the FAIRSEA platform. The presentation describes also the results already carried out by the model in previous projects and studies in other areas.

The main issues raised by stakeholders during the debate focus on the uncertainties related to the price dynamics and to the underestimation of the unsustainability of social impact caused by spatio-temporal closures. Maria Teresa Spedicato highlights that, in the models' results showed from the model, the input data were provided by MS and stakeholders, the management scenarios were selected with fishers, in a participatory process, and the results should be considered as a technical support to assess and select appropriate management solutions. In any case, management decisions are the sole responsibility of the public authority.

Indeed, the chair remarks that models provide relevant elements that can be useful for management, nevertheless they cannot be exhaustive. FAIRSEA is aimed to include the different components such as environmental dynamics, that are more and more important in the assessment of the effects and impacts of management decisions. Moreover, the project is focused on the reduction of the distance between researchers and fishers.

During the debate attention has been given also to the pollution impacts, that should be considered as potential cause of stocks suffering. Indeed, the historical data series of landings and stock assessments can be affected by environmental aspect, such as the overflow of nutrients in the Adriatic Sea in the '80s, that caused the increasing of primary production and fish biomass. Anyway, stocks impacted by pollution need the reduction of fishery exploitation.

The chair reminds the main issues raised during the debate: the socio-economic aspects and the stakeholder's participation should be taken in great consideration. The FAIRSEA project is intended precisely to integrate the environmental indicators, including pollution, in the ecosystem assessment of fishery activities.

The afternoon activities are opened by Giuseppe Lembo (COISPA Tecnologia & Ricerca, Bari) who emphasizes that research activities should be considered only as a support to stakeholders and managers to take informed decision.

Giuseppe Lembo explains the questionnaire to be fulfilled by all the participants in order to collect all the different point of view on the following aspects: the perception of the science objectives in supporting the sustainable management of the fishery, the indicators applied in stock assessments to be monitored to achieve the previous objectives, the scenarios considered most important/useful in order to support the sustainable management of the fishery.

The main objective of the questionnaire is the collection of the stakeholder's opinion on the different scientific and management options in order to implement their contribution and integrate their opinion since the beginning of the project.

The main points debated in the afternoon during the interactive fulfilment of the questionnaire are:

- The need to improve the data collection process in order to provide to the managers scientific results based on updated information;
- In the ecosystem approach the interaction between fishers and dolphins should be included;
- The ecosystem approach of FAIRSEA project is an opportunity, but it is aimed to provide scientific advices, not management decisions;
- The output of EAF is a tool shaped by the stakeholders' preferences as far as possible, considering the regulations already in force, the spatio-temporal closures, SIC, etc.
- Active participation of stakeholder's has to be implemented, also in the next stages of the project.

According to the agenda the work ends at 16:30.

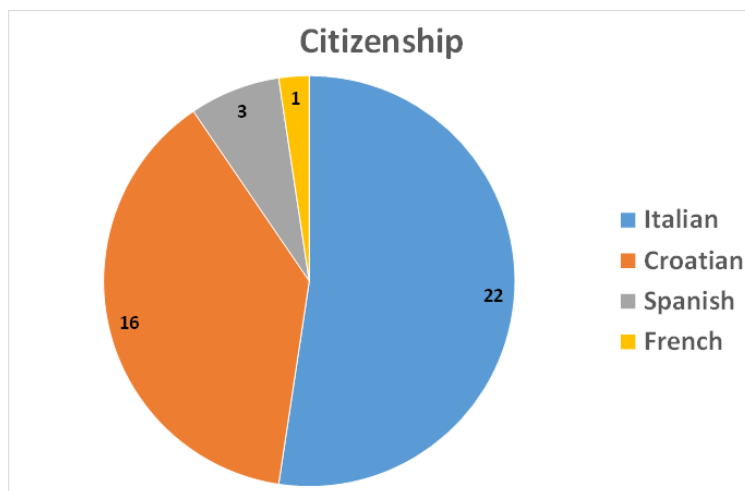
Main results of the survey carried out among stakeholders

According to the project proposal, in the first part of the meeting a straightforward vision of the project objectives and activities were provided to stakeholders. After that, a discussion was open on how to establish a feedback loop, which would give them the possibility of being actors of the strategies and scenarios' simulations to be carried out with the integrated platform. To this purpose a questionnaire was distributed among stakeholders, in order to get their feedback for defining the decision tree on which to implement the multi-criteria analysis in a subsequent step.

Three main questions were defined:

1. How important do you consider the following objectives¹ in order to support the sustainable management of the fishery?
2. Which of the following indicators² do you consider most important to be monitored to achieve the objective (in red)?
3. Which of the following scenarios³ do you consider most important/useful in order to support the sustainable management of the fishery?

Participants were required to answer by scoring their level of agreement on the presented objectives, indicators and scenarios as follow: Less important = 1; Important = 2; Most important = 3. The average score provided by the stakeholders for the objectives, indicators and scenarios is presented in the following graphs. It is worth emphasizing that the level of sharing of objectives / indicators / scenarios is quite high, placing between 2 and 3 in most cases.



¹ Objectives were grouped in: Ecological, Pressure/Impact and Socio-Economic. See Questionnaire in Annex.

² Indicators were grouped in: Ecological, Pressure/Impact and Socio-Economic. See Questionnaire in Annex.

³ Scenarios are listed in the annex Questionnaire.

