

# Two meetings with National and regional policy makers

WP4 – Activity 4.1 - Fishing for Litter Implementation  
Status Map

**DELIVERABLE D4.1.3**

Partner in Charge: PP1 (ISPRA)

Partners involved: PP1 (ISPRA), PP2 (M.A.R.E.), PP4 (IZOR)

Status: Final Version

Distribution: Public

Date: December 2020

ML-Repair Reducing and preventing, an integrated Approach to Marine Litter  
Management in the Adriatic Sea – Axis 3 – SO 3.3

## SUMMARY

1	PROJECT PRESENTATION .....	1
1.1	Project description.....	1
1.2	WP 4 - Supporting the Implementation of Fishing for Litter activities.....	1
2	ACTIVITY 4.1 - FISHING FOR LITTER IMPLEMENTATION STATUS MAP (FFLISM) .....	2
2.1	Activity description .....	2
3	DELIVERABLE 4.1.3 – MEETINGS WITH NATIONAL AND REGIONAL POLICYMAKERS (ONE PER COUNTRY) TO PRESENT THE RESULTS OF ACT. 4.1.....	2

## 1 PROJECT PRESENTATION

---

### 1.1 *Project description*

The ML-REPAIR project (REducing and Preventing, an Integrated Approach to Marine Litter Management in the Adriatic Sea) started on 01.01.2018 and lasted until 30.09.19 (21 months). The general objective of the ML – REPAIR project was to prevent and reduce the input of waste in the Adriatic Sea through the involvement of the main stakeholders. The Adriatic Sea is a semi-closed basin with slow streams, making it vulnerable to pollution. Marine Litter (ML) is defined as any solid, manufactured or processed solid material discarded, disposed of or abandoned into the marine and coastal environment. It is a growing cause of concern for the degradation of the marine and coastal ecosystems, potentially endangering the functionality of the ecosystem itself and reducing the quality of coastal waters for fishing and tourism. Sea cross-border issues due to their cross-border effects require common approaches from different countries and their joint efforts. Within the ML-REPAIR project, activities have been carried out in Croatia and Italy, and the main focus of the project was to involve the target groups – fishermen and fishing associations/cooperatives, local communities and the younger population, the tourism sector, public administration bodies and the FLAG – (Fisheries Local Action Groups in Croatia and Italy) and LAGs (Local Action Groups). The project leader was Ca' Foscari University of Venice, and partners were the Italian National Institute for Environmental Protection and Research (ISPRA), the cooperatives M.A.R.E. and LIMOSA for Italy and the Institute of Oceanography and Fisheries (IZOR), Public Institution RERA S.D. for the coordination and development of the Split-Dalmatia County and the Association for Nature, Environment and Sustainable Development (Sunce), for Croatia.

### 1.2 *WP 4 - Supporting the Implementation of Fishing for Litter activities*

The Fishing for Litter (FFL) scheme is a clean-up activity that aims to remove marine litter from the seafloor: fishing vessels collect marine litter caught in their nets during fishing activities and dispose of it on the quayside. FFL initiatives, at the present time, are strongly recommended by International Organizations as UE, UNEP MAP (Decision IG.22/10 Implementing the Marine Litter Regional Plan in the Mediterranean), as a key activity to remove marine litter from the sea by involving and sensitizing fishermen, the main stakeholders of the sector. Despite the increasing number of directives and strategies to address marine litter and the extensive public interest and media coverage, barriers to implementing the FFL scheme in the Adriatic-Ionian macroregion are still in place (Ronchi et al., 2019). One of the aims of the WP4 was to facilitate the implementation of FFL schemes by creating useful tools for decision-makers, in order for them to promote a National strategy for FFL implementation. In particular, the WP aimed to verify and clarify needs and concerns of the full implementation of the FFL in the two countries and to improve the available data on quantities and composition of marine litter and ALDFG (Abandoned, Lost or otherwise Discarded Fishing Gears) both on the seafloor and in vulnerable N2000 sites. As several participative projects (DeFishGear, GAP1, GAP2) clearly demonstrated, the interaction between scientists and fisheries stakeholders is a key tool for the success of every initiative concerning the marine

environment. WP4 engaged fishermen in monitoring and collecting ML also experimenting innovative and “smart” and innovative tools (e.g. application for tablet or smartphone).

Cooperative M.A.R.E (PP2) was responsible for the work package 4, which was composed of three activities:

4.1 Fishing for Litter Implementation Status Map.

4.2 Fishing for litter catches: composition and quantities definition.

4.3 Monitoring of ALDFG and ML affecting Natura 2000 sites.

ISPRA (PP1) was the leader of the activity 4.1.; M.A.R.E. (PP2) and IZOR (PP4) participated in the activity.

## **2 ACTIVITY 4.1 - FISHING FOR LITTER IMPLEMENTATION STATUS MAP (FFLISM)**

---

### **2.1 Activity description**

Activity 4.1 aimed at compiling a first and comprehensive “map” of the actual state of FFL activities implementation in the main fishing ports of the Adriatic Sea in the two countries, thus providing policymakers with a useful tool to implement FFL plans. The map was populated with relevant information gathered through a survey conducted by the three partners contributing to the activity: ISPRA and M.A.R.E for Italy, IZOR for Croatia. The survey verified the implementation and feasibility of FFL initiatives taking into account: relevant legislation, administrative or legislative concerns, logistic barriers and economic aspects. It further collected information in the solutions adopted in ports where FFL initiatives are already running that could be used as inspiration by ports wishing to start the FFL scheme.

## **3 DELIVERABLE 4.1.3 – MEETINGS WITH NATIONAL AND REGIONAL POLICYMAKERS (ONE PER COUNTRY) TO PRESENT THE RESULTS OF ACT. 4.1**

---



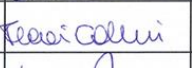
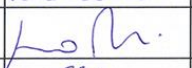
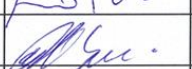


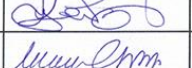
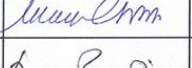
### *Italy*

The Italian National Institute for Environmental Protection and Research (ISPRA) organized a meeting with National policymakers to present the results of Act 4.1 implemented in Italy. The meeting took place on September 24th 2019 at the headquarters of the Ministry for the Environment, Land and Sea in Rome. It was attended by ISPRA and M.A.R.E. staff (4 persons) and by representatives of the Ministry for the Environment (6 persons). The Fishing for Litter Implementation Status Map (FFLISM) tool was presented as well as the results and main insights of the Fishing for Litter initiatives developed in Italy in the framework of ML-REPAIR project. The new decree called “Salvamare”, which aims at implementing FFL in all Italian ports and define a legislative framework for the initiative, was discussed, and ISPRA and M.A.R.E. staff provided feedback and suggestions to Ministry’s representatives on how to ameliorate the new law taking into account the experience gained through DeFishGear and ML-REPAIR projects.



Ministero dell'Ambiente e della Tutela del Territorio e del Mare  
 Direzione Generale per i Rifiuti e l'Inquinamento

Riunione 24.09.2019 - ML -REPAIR

COGNOME e NOME	FIRMA PRESENZA	ENTE APPARTENENZA	TELEFONO	E - MAIL
GIANGREGGIO ROBERTO		MATTM - PNM	06 57 22 89 06	GIANGREGGIO.ROBERTO@MINAMBIENTE.IT
BRAIDA MATTEO		MATTM - PNM		BRAIDA.MATTEO@MINAMBIENTE.IT
CRISTOFANELLI SERGIO		SOSEPIO - MATTM	06/57-228466	CRISTOFANELLI@CEASMOB.SOSEPIO.IT
FRANCESCA ROMCHI		ISPRA	367-0521530	francesca.romchi@ispraambiente.it
STEFANO GIOVANARDI		ISPRA - CHIARA	235-096512	stefano.giovanardi@ispraambiente.it
GUGLIANI ANDREA		M.A.R.E. Soc. Spa	368933610	agugliani@coopmms.com
EUGENIA PASANISI		ISPRA	3338176937	eugenia.pasanisi@ispraambiente.it
TIZIANA CHIERUZZI		MATTM - PNM	06 51 22 03 00	chieruzzi.tiziana@minambiente.it
SIMONA ROSSI		WASCEHO - DGRIN MATTM	06.57228614	ROSSI.SIMONA@MINAMBIENTE.IT
SERGIO CRISTOFANELLI		MATTM - RIN	06.57228627	CRISTOFANELLI.SERGIO@MINAMBIENTE.IT





### *Croatia*

The Institute for Oceanography and Fisheries (IOF) organized a meeting with National and regional policymakers to present the results of the questionnaires conducted in order to find out the state of FfL implementation in Croatia. The meeting took place on April 1st 2019 in the Hotel Cornaro, Sinjska 6, 21000 Split, Croatia. All relevant stakeholders were invited; the Ministry of Environment and Energy (Marine and Coastal Protection Service; Environmental assessment and sustainable waste management department), the Ministry of Agriculture (Fisheries Directorate), the Split-Dalmatia County (Department for Tourism and Maritime Affairs, Department for Utilities, Utility Infrastructure and Environmental Protection, Department for Economy, EU Funds and Agriculture), Priority Actions Programme/Regional Activity Centre (PAP/RAC), Port authorities of Split-Dalmatia and Šibenik-Knin Counties, Public institutions Sea and

karst, FLAGs Galeb, Brač and Škoji, Fishing associations Adria, Friška riba and Hvar, few independent fishermen and partners of the project from Public institutions RERA SD, Association Sunce and ISPRA. Of the invited stakeholders, only the Ministry of Environment and Energy were unable to come.

After presentations of the FfL initiative and the results of the questionnaires, a very dynamic and constructive discussion was held, involving all relevant actors in the implementation of FfL activity, as well as the policymakers. It was concluded that FfL initiative is necessary and particularly important to be continued where it is already taking place and be implemented in all other fishing ports along the coast. For the smooth running of activities in the future, the investment in infrastructures in the fishing ports that are not adequately equipped is necessary, as well as to find specific sources of financing for the disposal and removal of marine litter. It was also concluded that in order for this initiative to function properly, it is needed to find a way to further stimulate the fishermen as key stakeholders. In the end, all stakeholders agreed that DeFishGear and ML-REPAIR projects succeeded in something very important, i.e. to connect stakeholders at different levels as the first step in establishing a regulated system related to the collection, disposal and eventual recycling of marine litter.



## IZOR - Institute for oceanography and fisheries, Split

Is pleased to invite you to the:

### ML-REPAIR NATIONAL EVENT



**WHEN:**

APRIL, 1<sup>st</sup>, 2019



**WHERE:**

HOTEL CORNARO, SINJSKA 6, 21000 SPLIT, CROATIA

#### SHORT DESCRIPTION OF THE EVENT

Project Partner Institute for Oceanography and Fisheries, Split and Italian National Institute for Environmental Protection and Research - ISPRA, Chioggia will present "Fishing for litter" activity, its Implementation in Croatia, Status Map and the results of the questionnaire collected in the Croatian ports.



European Regional Development Fund



## AGENDA

Monday, April 1st, 2019 Hotel Cornaro, Sinjska 6, Split, Croatia			Presenter
10:00	10:30	Registration of participants	
10:30	11:00	Activity „Fishing for litter“ and its implementation in fishing ports in Croatia	Pero Tutman, Institute of oceanography and fisheries
11:00	11:15	Coffee break	
11:15	11:45	FfL Implementation Status Map	Eugenia Pasanisi & Valentina Bernarello, ISPRA
11:45	12:00	Results of the questionnaires on the state of FfL implementation in Croatia	Dubravka Bojanić Varezić, Institute of oceanography and fisheries



European Regional Development Fund

Institut za oceanografiju i ribarstvo  
 Šetalište I. Meštrovića 63,  
 P.P. 500  
 21000 SPLIT, HRVATSKA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr



Institute of oceanography and fisheries  
 Šetalište I. Meštrovića 63,  
 P.O.Box 500  
 21000 SPLIT, CROATIA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr

DOGAĐANJE U SKLOPU PROJEKTA ML-REPAIR:  
**Provedba aktivnosti "Ribarenje za otpadom": izazovi i prilike**

01. travnja 2019. 10:00 – 12:00 sati  
 hotel Cornaro, Sinjska 6, 21000, Split, Hrvatska

R.br.	IME I PREZIME	ORGANIZACIJA/USTANOVA	KONTAKT: mob./e-mail	Potpis
1.	MATEJA SPIKA	UOZUGA SUNCE	matea.spika@sunce-rt.org	
2.	ALDO SAFONBERT	EMTAWI/OBISURU	aldisafonbert@edita.it	
3.	GIULIO ROJAMA	UNIV. VENEZIA	jr@unive.it	
4.	TINA MAJONI	UOZUGA SUNCE	tina.majoni@sunce-rt.org	
5.	IVANA BRACANOV	DE ARCHA	ivana@dearcha.com	
6.	MATEJA BRANICA	DE ARCHA	mbranic@dearcha.hr	
7.	BOJANA PAJIĆ	LAGUNE GALEB	bojana.galeb@gnm.hr	
8.	LINDA ZANKI DUNYAI	DE FRIJATA RIBA	linda.zanki@gmail.com	
9.	TINAJA ŽUNDOV	MINISTARSTVO RIBARSTVA	tina.zundovic@pm.hr	


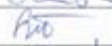



Reducing and Preventing, an Integrated Approach  
 to Marine Litter Management in the Adriatic Sea

Institut za oceanografiju i ribarstvo  
 Šetalište I. Meštrovića 63,  
 P.P. 500  
 21000 SPLIT, HRVATSKA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr



Institute of oceanography and fisheries  
 Šetalište I. Meštrovića 63,  
 P.O.Box 500  
 21000 SPLIT, CROATIA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr

R.br.	IME I PREZIME	ORGANIZACIJA/USTANOVA	KONTAKT: mob./e-mail	Potpis
10.	NEJA TOPIJA KUPREVIĆ	MINISTARSTVO RIBARSTVA	neja.topija@pm.hr	
11.	ANTE BOJINA	— II —	ante.bojina@ap.hr	
12.	EUGENIA FRASINIS	ISPRA	eugenia.frasinis@ispra.it	
13.	VALENTINA BERNARDO	ISPRA	valentina.bernardo@ispra.it	
14.	OTELLO GIOVANARDI	ISPRA	39-046517	
15.	MARTINA KOVAČIĆ	FLAG BRAC	martina.kovacic@gmail.com	
16.	BRANKA KRIGIN	FLAG BRAC	branka.krigin@gmail.com	
17.	KATELINA ŽIG	SDI	kate.lina.zig@sdicroatia.hr	
18.	DOMENICO MUSNER	UNIVERSITY OF VENICE	domenico.musner@unive.it	
19.	IVAN SEROUKI	PAD/RAC	ivan.serouki@padrac.org	
20.	GORANA BANIČEVIĆ	REKA S.D.	gorana.banic@reka.hr	

2



Reducing and Preventing, an Integrated Approach  
 to Marine Litter Management in the Adriatic Sea

Institut za oceanografiju i ribarstvo  
 Šetalište I. Meštrovića 63,  
 P.P. 500  
 21000 SPLIT, HRVATSKA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr



Institute of oceanography and fisheries  
 Šetalište I. Meštrovića 63,  
 P.O.Box 500  
 21000 SPLIT, CROATIA  
 tel: +385 21 408000, fax: +385 21 358650  
 e-mail: office@izor.hr, web: www.izor.hr

R.br.	IME I PREZIME	ORGANIZACIJA/USTANOVA	KONTAKT: mob./e-mail	Potpis
21.	NATASA UGINJIN	JU REKA S.D.	natasau@ju-reka.hr	
22.	DUBRAVKA DUBRAVKA UROSA	IOR SPLIT	dbg@ior.hr	
23.	OLGA ŠKVINJIN	ISK ŽK SPLIT	oskvini@isk.hr	
24.	ANITA ŠKVINJIN	ISK ŽK SPLIT	anitskvini@isk.hr	
25.	MARIO ČUKIĆ	CRKA d.o.o.	099 224 3239	
26.	MARINA TOMASEVIC	JU REKA S.D.	099 4595596	
27.	ANITA ŠKVINJIN	ISK ŽK SPLIT	051 31 000 91	
28.	ALESSANDRA TUBAL	FEAG SPLIT	031 506 3888	
29.	PELO TUTMAN	IOR-SPLIT	pe@ior.hr	
30.				
31.				

3



