Report Spanish Info Day (11th April 2019)

PREPARED BY THE INTERREG MED PLASTIC BUSTERS MPAS PROJECT

https://plasticbustersmpas.interreg-med.eu





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Authors:	ARC-SCP/RAC
Contributors:	Pedro Fernandez, Lucille Guiheneuf, Ignasi Mateo, Magali Outters
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Document Information

This document (Deliverable 2.5.1.a) is the report of the Spanish info day. It provides the context and information delivered to the public, as well as feedback received.

Approvals

Date	Partner	
18/06/2019	UNISI	

Document History

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OBJECTIVES AND APPROACH OF THE SPANISH Plastic Busters MPAs INFO DAY

Following the project communication strategy, the project Plastic Busters MPAs progress and outputs would be disseminated at national level through national info day events to be organized in each partner country. The Spanish Plastic Busters MPAs Info Day gathered 35 participants and was the first one and was held in the Seville Aquarium on 11th April 2019, within the MARLICE International Forum. The project info day served as a networking opportunity for the identified target groups streamlining the project harmonized approaches.

The objectives of the Spanish Plastic Busters MPAs Info Day were:

- To inform about the project activities
- Engage marine litter community within the project
- Create synergies with other related projects
- To showcase specific marine litter activities in the country by project partners

The event was conceived as a workshop to explain the project, engage the audience and promote synergies with related initiatives. It included the following elements:

- 1. Introduction to the project: justification, the Interreg Med program, main deliverables and expected outcomes, policy aspects.
- 2. Marine litter science in MPAs and biodiversity. Contribution of the project to science-based solutions to marine litter, specific contributions in terms of harmonized approaches.
- 3. Showcase specific project activities in the country and related work by project partners. Specific project activities in the country and MPAs with reference to ongoing activities such as the Program of Measures within MSFD. Related partners' activities that are in line with Plastic Busters MPAs approach were explained to provide the audience with a wider context.
- 4. Exchange with the audience. Round of Q&A and comments.



WIDER CONTEXT OF THE INFO DAY: MARLICE 2019

The Spanish Plastic Busters MPAs Info Day took place within the <u>MARLICE 2019</u> (International Forum on Marine Litter and Circular Economy), a larger marine litter event that brought different marine litter related projects together and major European and Mediterranean stakeholders. This three-day event (from 10 to 12 April) was organized by the Spanish Association on Marine Litter (AEBAM) in Seville.



ARC-SCP/RAC identified MARLICE2019 as an opportunity for the Spanish Plastic Busters MPAs info day to:

1) Involve as many people and sectors as possible,

2) ensure a wide dissemination and communication of the project activities implemented at local, national and Mediterranean level,

3) increase the national and regional awareness on ML issue in accordance with the presence of the media on the event,

4) gain knowledge from related initiatives and create synergies with them as well as with governance processes at local, national or regional level,

5) share marine litter best practices and inspire effective actions at local, national or regional level.

MARLICE2019 was conceived as a cross-sectoral and multi-stakeholder event to advance in the management of marine litter, gathering public authorities, research institutes, private sector and environmental organizations within the framework of the circular economy concept.

Therefore, the Forum served as a platform for projects in the Mediterranean and Atlantic area to hold meetings as part of their actions, thus contributing with content to the sessions and promoting synergies between different sectors, countries and regions.

The general dynamics of the Forum was set up according to the following thematic blocks: 1) governance, 2) research, 3) circular economy & innovation, and 4) awareness & citizens' science.

The Spanish info day was included in the research thematic block 3 (Mediterranean Region Session I, 11th April, 11h30'-13h, coordinated by ARC-SCP/RAC.



Wedn 10 ^(b)			rsday April		Friday 12 th April
REGISTRATION & ACCREDITATION 08:00 - 9:00		Review of day 1 conclusions 09:00 - 9:30			
Hospitality. Aquarium Sevilie OPENING CEREMONY 09:00 - 10:50 Auditorium, Aquarium Sevilie		Hospitality, Aquarium Seville KEY-HOTE SPEECHES 09:30 - 10:50 Hospitality, Aquarium Seville		Block 4. AWARENESS,	
Block 1. GOVERNANCE Coordinated by UNEP / MAP 11:30 - 13:00 Aluelle 21 - Room Alborán	SPECIAL SESSION. Projects presentation Coordinated by AEBAM 11:30 - 13:00 Muelle 21 - Room Guadalqu/Mr	Block 3. MEDITERRAHEAN REGION SESSION I Coordinated by SPC/RAC 11:30 - 13:00 Atuelle 21 - Room Alborán	Block 3. ATLANTIC REGION. SESSION 1 Coordinated by CETMAR 11:30 - 13:00 Muelle 21 - Room Guodalquivir	CONSERVATION AND CITIZEN SCIENCE Coordinated by AEBAM 9:00 - 14:00 Odlel Marshes Nature Reserve	PAHACeA Community Event (by invitation) 9:00 - 14:00 Sala El Cano - Aquarium
Block 1. GOVERHANCE II Coordinated by UNEP / MAP 14:30 - 17:30 Auelle 21 - Room Alborán	Block 2. CIRCULAR ECOHOMY Coordinated by PLASTICSEUROPE 14:30 - 17:30 Aluelle 21 - Room Gladolquivir	Block 3. MEDITERRAHEAH REGION SESSION II Coordinated by MedCities 14:30 - 17:30 Muelle 21 - Room Alborán	Block 3. ATLANTIC REGION SESSION II Coordinated by SURFRIDER 14:30 - 17:30 Muelle 21 - Room Guadalquivir	Block 4. AWARENESS, CONSERVATION AI CITIZEN SCIENCE Coordinated by AEBAM 15:30 - 17:30 Auditorium, Aquarium Seville	
A PLASTIC OCEAN DOCUMENTARY PRESENTATION SESSION & Roud Table Coordinated by Aquarium of Seville & Plastic OCEAN UK 18:30 - 19:30 Auditorium. Aquarium Seville		Cultural Activity - Visit to Seville's Santa Cruz historical neighbourhood 19:30 - 21:00 <i>City Center</i>		CONCLUSIONS & CLOSING 17:30 - 18:00 Auditorium, Aquarium Seville	

MARLICE 2019. Sessions summary



Plastic Ocean Session. 10.04.2019



Governance session organized by UNEP/MAP 10.04.2019



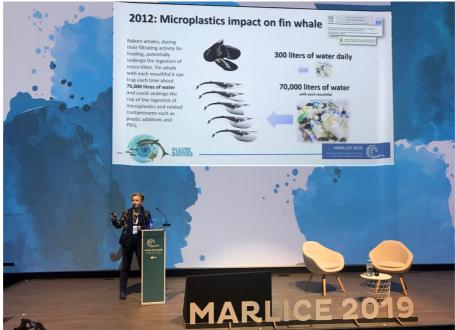
Citizen science activity. 12.04.2019



STRUCTURE OF THE SPANISH Plastic Busters MPAs INFO DAY

Prior to the Spanish Plastic Busters MPAs info day session (11th April 2019, 11.30-13.00) there was a 4 keynote speeches plenary session in the Auditorium for all the attendants of MARLICE 2019 (see Annex I).

Prof. Maria Cristina Fossi from the University of Siena and scientific project coordinator provided one of the key-note presentations on ML impacts on biodiversity and related indicators, and briefly introduced Plastic Busters MPAs to the audience and encouraged attendance to the Info Day session. The agenda of the key-notes speeches session is included as annex.



Key-Note Speeches. 11.04.2019

After the coffee-break, a 1.5h session was completely focused on the Plastic Busters MPAs project. The session, chaired by **Magali Outters** from ARC-SCP/RAC, introduced the project to later on focus on activities in Spain conducted by Plastic Busters MPAs partners: ARC-SCP/RAC, the Spanish Oceanographic Institute and the Government of the Balearic Islands (National Park of Cabrera). Several presentations were delivered by different member of the project team (see Annex II):





Spanish PB MPAs info day. 11.04.2019



Spanish PB MPAs info day. 11.04.2019

• **Prof. Maria Cristina Fossi** from the University of Siena in her presentation 'The Plastic Busters MPAs in a nutshell and first outcomes' introduced the background, the partners, the main lines of action of the different WP and the main project features of the project. She particularly discussed the project focus on the whole management cycle of marine litter, and presented the structure of the consortium, harmonized diagnosis, risk assessment, biodiversity monitoring in multiple species, step to step methodological guidelines to implement specific measures in MPAs and the transferring to the South Med coast.

The presentation emphasized the gap of knowledge on the ML topic, the need of a harmonization approach of monitoring micro and macro plastic in MPAs, how ML impacts on the biodiversity can be monitored and design specific prevention and mitigation actions based in the diagnosis of the ML situation in certain MPAs.

- **Cristina Panti** from the University of Siena in her presentation 'Novel approach on marine litter impacts on biota through Plastic Busters MPAs' introduced the novelty of the project in the scientific phase in relation to the selection of species as bioindicators for monitoring marine litter ingestion and impacts on Mediterranean Biodiversity, the effects of microplastic ingestion in fish and invertebrate species and the monitoring of marine litter ingestion and impacts in endangered species (stranded organisms).
- Salud Deudero from the Spanish Oceanographic Institute (IEO) introduced the work done by one of the Spanish partner of the project. Her presentation 'Enhancing knowledge on marine litter distribution, patterns, trends and implications for biota in Mediterranean MPAs' explained the experience of IEO in relation with ML, specifically on the impacts on the biota. She remarked the need to have more field data to achieve plastics pollution indicators. It would be necessary to



quantify the plastics from the surface to the sea floor and its effects (transfer rates and bioaccumulation and how it affects the entire trophic chain) to predict trends and also be able to find some measures. The project allows IEO to deal with connectivity, dispersion and accumulation in the sea floor. ML sources related to tourism in Mallorca are a major threat for the MPA as Cabrera and thus should be particularly studied.

- Ignasi Mateo from ARC-SCP/RAC introduced the work done by the Interreg Med Project ACT4LITTER, which provides a suitable ground for Plastic Busters MPAs. His presentation 'Prevention of land-based marine litter affecting MPAs' focused on concrete solutions to prevent and mitigate the impacts of marine litter. The project identified a list of 100 ML measures, with a particular focus on prevention measures, which can be implemented by MPA managers. All identified measures were grouped into 25 categories. The selected measures fed into the ACT4LITTER decision making tool (DMT) which helps MPA managers to identify the most effective measures for their context. The decision making tool helped MPA managers to define priority marine litter measures that were then integrated in 9 MPA-specific actions plans. ACT4LITTER has been a studying project and its outcomes constitute the starting point of national and regional marine litter initiatives (such as Plastic Busters MPAs project) aiming to address ML in MPAs.
- Maria Francesca López, director of the National Park of Cabrera explained the situation of this MPA in relation to ML. Her presentation 'Marine litter management: Focus on National Park of Cabrera' detailed the rich marine ecosystem of the archipelago, its history, natural values and the waste management in the MPA and the ML impacts. She also mentioned that the local source of ML, coming from Mallorca Island, has been greatly reduced but sea currents are a notable pathway of ML in the MPA. In that sense the new Waste Law (aligned with the new single-use plastics directive), recently adopted by the regional Government, is a relevant tool to deal with ML. The MPA has started the testing phase (monitoring in 4 areas) as part of the project activities.

Exchange with the audience. Round of Q&A and comments

The audience of the event was wide in terms of geographical scope and background (the list of participants can be found in Annex IV). After the project team presentations Magali Outters gave the floor to the audience for questions and comments.

Gloria Garcia from the Cabo de Gata regional Park explained her very positive experience with ACT4LITTER project and expressed the interest of the park to beneficiate from the Plastic Busters MPAs project in order to give continuity to the work initiated with ACT4LITTER.

Pilar Fernández from the UNED (Spanish on-line University) explained her concern about the toxics components or additives in micro and nano plastic, the difficulty of collecting and analyzing this material and the problem her organization face in relation with tracers / samples. The project team offered support and showed willingness to collaborate in collecting and analyzing samples.

Pedro Fernández from SCP/RAC asked about the origin of latex ML waste found in the south of Cabrera Island. IEO provided a comprehensive explanation on the origins and evolution of marine litter in the archipelago. Indeed the amounts and composition greatly vary according the sea conditions and seasonal pressures.

In addition, after lunch break, the Mediterranean session II - block 3 'Marine litter knowledge and tools in Mediterranean Marine Protected Areas (MPAs)', coordinated by the horizontal PANACeA Project,



introduced the modular Interreg Med project initiatives tackling Marine Litter in the Mediterranean through three round tables. Participation of Plastic Busters MPAs partners (Magali Outters and Ignasi Mateo from ARC-SCP RAC, François Galgani from IFREMER, Cristina Fossi from University of Sienna and M^a Francesca López from National Park of Cabrera (Govern Illes Balears), allowed attendants of the session to have a wide insight on the main lines of action of Plastic Busters MPAs project and also exchange experiences with other related projects.



PANACeA Project session 11.04.2019



Spanish PB MPAs info day. 11.04.

The agenda of the session II (block 3), coordinated by PANACeA, is included as annex III.

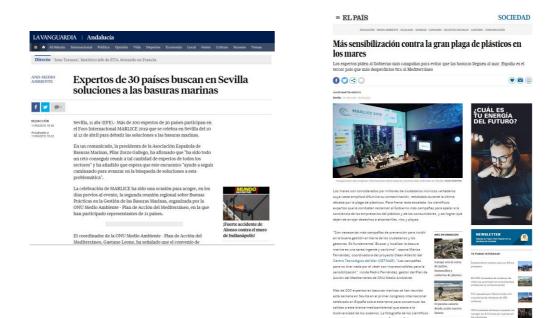


OUTREACH

A press release was produced with AEBAM (Spanish Association of Marine Litter) communication team and MARLICE 2019 and related project sessions had a great press coverage by important Spanish media, including:

- La Vanguardia (national newspaper): <u>Expertos de 30 países buscan en Sevilla soluciones a las</u> <u>basuras marinas</u>
- El Pais (national newspaper): Más sensibilización contra la gran plaga de plásticos en los mares
- Canal Sur (regional public TV): <u>https://www.facebook.com/basurasmarinas/videos/379618375977231/</u>





In addition, ARC-SCP/RAC produced a news item for the website and communicated through social media accounts, both as a partner and project:

• Marine litter, Regional Governance and Circular Economy: SCP/RAC contributes to connecting the dots at MARLICE 2019



ANNEXES

ANNEX I KEY-NOTE SPEECHES PLENARY SESSION



KEY-NOTE SPEECHES

- Marine litter research in support to the Marine Strategy Framework Directive (MSFD). By François Galgani, IFREMER

- Chemical impact of plastics in marine biota. By Ethel Eljarrat, Institute of Environmental Assessment and Water Research (IDAEA) - Spanish National Research Council (CSIC)

- Marine litter: new tools for monitoring. By Jesús Gago, Spanish Oceanographic Institute

- Marine litter impact on biodiversity and related indicators. By Cristina Fossi, University of Siena







ANNEX II PLASTIC BUSTERS MPAs NATIONAL INFO DAY SESSION

CHAIRPERSON:

Block 3. MEDITERRANEAN REGION SESSION I



BIODIVERSITY AND MARINE LITTER: RESEARCH AND MEASURES

PLASTIC BUSTERS MPAs NATIONAL INFO DAY

SPEAKERS:



The session is organized by the Catalan Waste Agency - Regional Activity Centre for Sustainable Consumption and Production (SCP/RAC), on behalf of the Plastic Busters MPAs project partnership. PlasticBusters MPAs is an Interreg Med funded project aiming to contribute to maintaining biodiversity and preserving natural ecosystems in pelagic and coastal protected areas by consolidating Mediterranean efforts to address marine litter. The project covers the vhole management cycle of marine litter, from monitoring and assessment, to prevention and mitigation. The session particularly focuses on activities in Spain conducted by SCP/RAC, the Spanish Oceanographic Institute and the Government of the Balearic Islands.

CHAIRPERSON:







- Magali Outters - SCP/RAC
SPEAKERS:

- The Plastic Busters MPAs in a nutshell and first outcomes Cristina Fossi University of Siena
- Novel approach on marine litter impacts on biota through Plastic Busters MPAs.- Cristina Panti University of Siena
 - Prevention of land-based marine litter affecting MPAs Ignasi Mateo SCP/RAC
 - Enhancing knowledge on marine litter distribution, patterns, trends and implications for biota in Mediterranean MPAs.- Salud Deudero Spanish Oceanographic Institute
 - Marine litter management: Focus on National Park of Cabrera. Maria Francesca López Cortès Director of the National Park of Cabrera, Government of the Balearic islands





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ANNEX III MARINE LITTER KNOWLEDGE AND TOOLS IN MED MPA SESSION

and tools in Mediterranean Marine Protected Areas (MPAs)

14:30 - 17:30* *coffee during the session

Muelle 21 -Multipurpose room Alborán Available languages: English - Spanish

CHAIRPERSONS:



efforts of around 200 regional institutions to reinforce actions at Protected area and ecoregional planning and management level to better tackle transboundary pressures, among which marine litter, and foster a more integrated and holistic approach to environmental protection and including a greener economy. The aim of this session is to showcase the joint achievements on marine litter assessment and management tools by the Interreg Med Biodiversity Protection Community, opening a wider discussion on existing gaps and challenges, and the needed actions and integrated solutions at Mediterranean scale. Concrete actions will be highlighted to ensure the uptake of lessons learnt in the Community and to prepare joint recommendations for future action at European and Mediterranean scale

Block 3. MEDITERRANEAN SESSION II - Coordinated by PANACeA Project: Marine litter knowledge

The preservation of ecosystems and biodiversity in the coastal and marine environment is tightly linked to achieving several regional targets in the Mediterranean. Ensuring a Good Environmental Status (GES) is a key Mediterranean priority, underpinned by regional frameworks such as the Barcelona Convention for the Protection of the Marine

Environment and the Coastal Region of the Mediterranean and the Union for the Mediterranean (UfM) Ministerial

increase this percentage in the post-2020 global biodiversity framework. Longer term targets such as the

Declaration on Environment and Climate Change among others. For EU marine waters, the Marine Strategy Framework

Directive (MSFD) aims to achieve GES by 2020. Furthermore, the UN Convention on Biological Diversity (CBD) sets the

Aichi target 11 to protect and effectively manage at least 10% of coastal and marine areas by 2020 with aspirations to

implementation of the 2030 Agenda and the sustainable development goals (SDGs), more concretely Target 14, prioritize the conservation and the sustainable use of oceans, seas, and marine resources for sustainable development.

The Interreg Med Biodiversity Protection Community featured by PANACeA has among its priorities to streamline the

This community has advanced in identifying some key elements needed to operationalize the coordination and synergie among multiple management scales based on evidence and on participatory approaches: during the CB COP side event co-organized with the Union for the Mediterranean Secretariat in November 2018, major ecoregional planning and management approaches and tools to tackle transboundary pressures like pollution and climate change impacts were discussed, seeking to ensure ecological functioning of Mediterranean ecosystems, while considering multiple pressures and trade-offs.

The CBD COP event report on Ecosystem-based approaches to managing transboundary and cumulative impacts in the Mediterranean, with a focus on plastic marine litter and climate change can be accessed here.





Knowledge and tools to manage the impact of marine litter in Mediterranean Marine Protected Areas (MPAs): State of play and challenges ahead The aim of this session is to showcase the joint achievements on marine litter assessment and management tools by the Interreg Med Biodiversity Protection Community, opening a wider discussion on existing gaps and challenges, and the needed actions and integrated solutions at Mediterranean scale. Concrete actions will be highlighted to ensure the uptake of lessons learnt in the Community and to prepare joint recommendations for future

The session will be articulated as roundtable discussions and open debate with Mediterranean researchers, regional institutions, MPA managers, policy-makers and the wider public.

CHAIRPERSONS.

- Emanuele Bigagli PANACeA Expert
- Carolina Pérez MedCitie
- Sonsoles San Román ETC UMA PANACeA



14:30 - 14:45 OPENING SPEECH

"The Interreg Med Biodiversity Protection Community in the Mediterranean and evidence-based frameworks to support policy development", Dania Abdul Malak - Director ETC-UMA, PANACeA



14:45- 16:45 Tackling Marine Litter in the Mediterranean: Setting the play and identifying the challenges ahead through questions and answers



Chairperson: Emanuele Bigagli - PANACeA Expert



Round table 1: Our Action - Joint achievements on marine litter assessment and management

- Morgana Vighi , University of Barcelona, MEDSEALITTER
- Ignasi Mateo ,SCP RAC Catalan Waste Agency, Act4Litter/PlasticBustersMPAs •
- Gloria García, Natural Park Cabo de Gata Nijar, Act4Litter





Round table 2: Linking to other Mediterranean initiatives

- Celia Le Ravallec, ACCOBAMS Survey Initiative Collecting floating marine litter sightings
- George Triantafyllou, HCMR, AMAre and CLAIM Innovation for a cleaner Mediterranean
- Gloria de Paoli, ACTeon for Plan Bleu A socio-economic dimension
- Marie Aude Sevin, IUCN-Med, Local solutions from source to sea



Round table 3: What's Next? Challenges and the way ahead

- Magali Outters,, UNEP MAP
- François Galgani, IFREMER
- Cristina Fossi University of Sienna
- Maria Francesca López Cortès, National Park of Cabrera, PlasticBustersMPAs



16:45-17:30 Participatory exercise to draw conclusions



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17:30 Wrap up and closing

Dania Abdul Malak - Director ETC-UMA, PANACeA



ANNEX IV LIST OF PARTICIPANTS

Pa	articipation List Plastic Bu	usters MPAs – Spanish Info Da	y. Seville, 11 th April 2019	Mediterranean	Regional Development
	Name	Surname	Entity	e-mail	Do you wish to receive the Plastic Busters MPAs Newsletter?
	STEFANI A	FUSANI	ISPRA	stefacio ofusar O ispanibiere	N X
	DAUID	CURTO	ONA SAFE AND CLEAN	david Donasateand dean . u	m x
	Hoisès	CRUENAS	ONA SAFE AND CLEAN	moises Consoleand clean .ca	
	Andres	Cozar	UCA	and res, cozar Oura, es	
9	Tony	Kingsbury	Dow & AEPW	rakingstury odow, c	em /
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	ELENA	BDEZA - ROJANO	ACUARIO SEGULA	ete talleres @ aquariose illoc	s ~
(CAROLINA	PÉRET VANGEDE	PANAGEA	cperezv@amb. Gt	YES.
	ROSA	CHIÁVARRI LÓPEZ	ECOEMBES	r. Chavarri Decombos.com	yes,
	IRENE	Diez Ruiz	ECOALE FOUNDATION	fundacion @ eccelf.com	\checkmark
	TANIA	MONTOTO MARTINEZ	ULPGC	TANIA. MONTOTO @ULPGC. ES	yes!

Name	Surname	Entity	e-mail	Do you wish to receive the Plastic Busters MPAs Newsletter?
Patricia	Martí Pvig	Ambiente europes/oceanoja	mi Patricia. malti puis Occeano gami.com	V
Gense	HERNANDEZ-MiliA	ARCHIPELAGOS AMBIENTE E SVILUPPO	ghmilian @ gmail. con	V
OLUTA	villacañas	Ocean 52	Olga @ Ocean 52.com	\checkmark
REGUNITA	JINGNEZ	IQOG-CSIC	bjimenez@igog.csic.«	es v
HORGANA	VICIHI	ONIVERSITY of BARCOLON	A morgana.vighi@gmail.co	pm V
JUDN	MUNOZ-DRWANZ	INITISO DENIO ORENO IQO 6 - CSIC	juan.ma@iqog.csic.es	1
gloria	garcia Hays	PN Gbo Jata Nijar	Joria Sorcia Lays ext	V
BLANCA	GARIN	Acureio	blan 024@hotmail.com	
Cristina	GOMEZ	VERTIDOS CERO	cgomez Quertidoscero.com	L
Laura	Comes Asailar	#Thalassoplast	c laura_99 can@hotmail	com L
MIGUEL	GAMERO ETABAN	ACUARIO DE BENLIN.	mgameroeaucristeville	res V



Participation List Plastic Busters MPAs – Spanish Info Day. Seville, 11 th April 2019				
Name	Surname	Entity	e-mail	Do you wish to receive the Plastic Busters MPAs Newsletter?
Glofia	RE PAOLI	ACTEON	3. departie actesy- environment, eu	(F)
SENENA	CARPENTIEN	LEGANBIENZE	So conpentient @	ok
STEFANIA	DI VITO	LEGANBIENTE	s.diviTo@legaminiente.it	YES
BEACHTONAL D'ANE	BEALMENAY	SURFRIBER	dibeaumenage surfider ei	
SARA	LIZARZA	MATER	ekofish@maternuse . com	a yes
Manuel	Clar	Planeting Confid	MCLAR @ PLANETING. ES	YEJ
Magali	OUTTERS	ARC-SUPRAC	moutles (Sepreit.og	
Ignasi	MATED	ARC-SCP/RAC	imateo 5 scptorc.og	V
MAREA ORIA	FOSSI	UTESI	u.a.h.	-V
CRISTINA	PANTI	UNIVERSITY OF SIEVA (IMALY)	partia @ unis. It	V
Mª FRANCESCA	LOPEZ	PW CABRERA	mflopez @dgmambie	. Crc
Salud	DEUDERO	iEO	salud den ders e es.	es v





THE PLASTIC BUSTERS MPAs PARTNERSHIP

