

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES



PREPARED BY

**THE INTERREG MED
PLASTIC BUSTERS MPAS PROJECT**

<https://plasticbustersmpas.interreg-med.eu>



INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

Document Information

Document D3.6.1 Inventory of showcases of applied marine litter measures
Version: V02
Date: 24/06/2019
Authors: N/A
Contributors: N/A

Document Information

This document (Deliverable 3.6.2) provides a list of shortlisted marine litter measures to be considered for the for the demo projects.

Approvals

Date	Partner
28/03/2019	Th. Vlachogianni/MIO-ECSDE (Task Leader)
25/06/2019	Th. Vlachogianni/MIO-ECSDE (WP3 Leader) M.C. Fossi/UNISI (Project Scientific Coordinator)

Document History

Version	Date	Comments & Status	Author
V00	28/03/2019	First draft	MIO-ECSDE
V01	19/04/2019	Inputs from partners	MIO-ECSDE, SCP/RAC
V02	19/04/2019	Finalized deliverable	MIO-ECSDE

Citation

Inventory of showcases of applied marine litter measures. Interreg Med ACT4LITTER & Interreg Med Plastic Busters MPAs, 2019.

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

Nº	Prevention measure?	Title of the measure	Brief description	Measure category	Targeted litter items	Implementation Scale	MPA involved?	Potential MPA role (*)	Responsible Actor	More info
M-1	NO	The Ocean Washing-Up Liquid Bottle	A plastic bottle made from bioplastics, recycled plastics and plastics fished from the oceans. The innovative bottle is made from 10% reclaimed ocean plastic.	Upcycling and/or recycling	Plastics	EUROPEAN	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Ecover
M-2	NO	Furniture from plastic marine litter	Furniture is created following the principles of circular production and design. They make optimal use of marine litter and of 'waste streams' to produce furniture.	Upcycling and/or recycling	Plastics	NATIONAL	NO	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Plastic Whale Marius Smit contact@plasticwhale.com +31 20 737 3049
M-3	NO	The "Recyclable Shampoo Bottle" project	This initiative, led by a global shampoo brand, focuses on making a recyclable bottle made from up to 25 % recycled beach plastics.	Upcycling and/or recycling	Plastics	EUROPEAN	YES	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Terracycle Katie Saunders katie.saunders@terracycle.com
M-4	YES	Providing an alternative solution to single-use plastic cutlery	This company-led initiative is dedicated to innovative design promoting sustainability. New products are created that, once disposed of, are harmless to the environment. One of these products is 100% biodegradable and compostable cutlery.	Promoting the replacement of single-use plastics	Plastic packaging	INTERNATIONAL	N/A	Implementer	ENTERPRISE & OTHER ECONOMIC OPERATOR	Theclickeat Steven Adler Sales@theclickeat.com
M-5	YES	The "Bag it and Bin it- Don't flush it" campaign	This campaign encourages women between 15 and 45 to bag and bin sanitary items instead of flushing them down the toilet. Campaign materials include a logo, posters, leaflets and stickers. Retailers and manufacturers are asked to apply the logo to products.	Awareness raising campaigns	Sanitary items	NATIONAL	N/A	Facilitator	NGO & CSO	Bag it and Bin it-Don't flush it. Other campaigns Bonny Hartley, Plymouth University, UK bonny.hartley@plymouth.ac.uk
M-6	YES	The "No more wipes" campaign	This campaign encourages citizens to use a waste bin to collect sanitary items instead of flushing them down the toilet	Awareness raising campaigns	Sanitary items	REGIONAL	NO	Facilitator	NATIONAL PUBLIC AUTHORITY	No more wipes Maria Álvarez Atienza +34 933422026 malvarez@aiguesdebarcelona.cat
M-7	YES	The "#WeloveWater" campaign	Municipal water supply company and a start-up have launched the '#WeloveWater' campaign to raise public awareness of the fact that the toilet is not a wastebasket where waste like wipes or cigarettes can be flushed down and cause blockages in water treatment plants.	Awareness raising campaigns	Sanitary items	LOCAL	NO	Facilitator	(PUBLIC) UTILITIES & SERVICE PROVIDERS	We love water Maria Álvarez Atienza +34 933422026 malvarez@aiguesdebarcelona.cat
M-8	YES	The Operation Clean Sweep campaign	The campaign's goal is to help every plastic resin handling operation implement good housekeeping and pellet, flake, and powder containment practices to work towards achieving zero pellet, flake, and powder loss, protecting the environment and saving valuable resources. Other campaigns: Nurdle free oceans (UK)	Promoting extended producer responsibility schemes	Plastic pellets / flakes	INTERNATIONAL	N/A	Facilitator	PRIVATE SECTOR	Operation Clean Sweep Nurdle Michel Loubry Michel,loubry@plasticseurope.org
M-10	YES	The "Last Plastic Straw" campaign	The Last Plastic Straw movement seeks to activate citizens through campaigns to push for change in restaurant practices in their local communities to limit and ultimately eliminate the use of plastic straws.	Awareness raising campaigns	Single-use items	INTERNATIONAL	N/A	Facilitator	NGO & CSO	The last Plastic Straw Jackie Nunez, Founder jackie@plasticpollutioncoalition.org 323-936-3010
M-11	YES	The "Plastic Free Town" Movement	In order to facilitate action, the Plastic Pollution Coalition disseminates guidelines on how to start a bag ban or an EPS ban in a town. In partnership with local organizations, three steps are proposed: audit of common sources of plastic pollution in the community; evaluation and identification of viable, locally sourced alternatives to the sources of plastic pollution; development of a plan to reduce plastic pollution.	Banning specific items and activities	Plastics	INTERNATIONAL	N/A	Facilitator	NGO & CSO	The Plastic Free Town Dianna Cohen dianna@plasticpollutioncoalition.org 323-936-3010
M-12	YES	The "Bring your nets back to shore, Recycle" campaign	The Catalan Waste Agency has carried out a project to manage discarded fishing nets in ports and prevent their disposal at landfills or in the sea. The project placed containers at the Catalan ports. The waste is later managed through waste treatment facilities to valorise the waste (e.g. to make other plastic products).	Derelict fishing gear management schemes	Fishing gear & nets	REGIONAL	YES	Facilitator	(PUBLIC) UTILITIES & SERVICE PROVIDERS	Bring your nets back to shore Ignasi Mateo +34.93.567.33.00 / +34.93.5538783 imateo@scprac.org
M-13	YES	From Net to Raw Materials	A Danish industry introduced a pioneering invention that makes it possible to separate different types of plastic that are otherwise inseparable. Fishing nets and plastic waste are processed into marketable basic materials.	Derelict fishing gear management schemes	Fishing gear & nets	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	From net to raw materials
M-14	YES	The Healthy Seas initiative	Healthy Seas transforms fishing nets and other waste into regenerated nylon yarn. In the final step, textile products are created. Non-profit activities include the recovery of fishing nets by volunteer divers and their storage in special facilities, educational campaigns and waste prevention programs.	Derelict fishing gear management schemes	Fishing gear & nets	EUROPEAN REGIONAL SEAS	N/A	Facilitator	NGO & CSO	Healthy Seas Veronika Mikos veronika.mikos@healthyseas.org +31 630 480 795
M-15	NO	The Net-works project for collecting and selling discarded nylon fishing nets	A carpet industry and the Zoological Society of London carried out the Net-works project in the Philippines and Cameroon. This project empowers people in coastal communities to collect and sell discarded nylon fishing nets, thereby removing these nets from the ocean. The nets are then sold into a global supply chain and recycled into yarn to make carpet tile.	Derelict fishing gear management schemes	Fishing gear & nets	INTERNATIONAL	N/A	Facilitator	NGO & CSO	Net-works project
M-16	YES	Disposal of derelict fishing gear	A cost-free solution to fishermen to dispose of old, derelict (gear that is lost in the marine environment) or unusable fishing gear and to reduce the amount of derelict fishing gear in and around coastal waterways.	Derelict fishing gear management scheme	Fishing gear & nets	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Fishing for Energy

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

M-17	YES	The “Do you need a bag?” campaign	A big Department store company led a campaign addresses the impact of carrier bags. The goal was to reduce carrier bag usage by 33% and reduce the environmental impact of the company bags by making them out of recycled polythene. The ‘Do you need a bag?’ campaign led to profits from the sale of the 5p bags, which were donated to the environmental charity. The result: a 75% reduction in bag usage.	Promoting the replacement of single-use plastics	Fishing gear & nets	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Do you need a bag?
M-18	YES	The “Plastic Free Communities” campaign	Surfers Against Sewage is an NGO dedicated to improving the condition of surfing beaches. They have launched several initiatives to reduce marine litter (targeted at surfers and other beach users). Plastic Free Communities is a campaign to put the problem of single-use plastic waste on the map, and raise awareness of the growing issue of marine plastic pollution.	Promoting EPR schemes	Plastics	NATIONAL	N/A	Facilitator	NGO & CSO	Plastic Free Communities Surfers Against Sewage info@sas.org.uk 01872553001
M-19	YES	The Greener Festivals Movement	An increasing number of artists, companies, venues and festivals are joining initiatives to decrease their environmental impact, including plastic waste, and use these mass events to raise awareness and stimulate mind-set changes	Eco-labelling and Environmental Management Systems	Plastics	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Greener Festivals
M-20	YES	The Refill Revolution program	Within this programme, reusable steel cups are provided that eliminate the need for single-use plastic cups and bottles.	Promoting the replacement of single-use plastics	Single-use items	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Refill revolution
M-21	NO	The “Litter Free Thaipusam” campaign	Thaipusam is a Hindu ceremony held each year in Malaysia. The Malaysian Plastic Manufacturers Association organized an anti-litter and recycling campaign called Litter Free Thaipusam in 2015 and 2016. Hundreds of uniformed volunteers were stationed at various checkpoints to guide people to place recyclable materials, including polystyrene foam and food service packaging, into specially marked recycling bins separate from waste bins.	Awareness raising campaign	All	NATIONAL	NO	Facilitator	BUSSINESS SUPPORT ORGANIZATION	Litter Free
M-22	YES	The “European Week for Waste Reduction” initiative	The European Week for Waste Reduction project has been developing communication tools to support awareness-raising actions about sustainable resource and waste management.	Awareness raising campaign	All	EUROPEAN	N/A	Facilitator	NGO & CSO	EWWR Mireia Padrós mpadrost@gencat.cat +34 935673300
M-23	YES	The Antivolabossa device, preventing bin bags from blowing away	Antivolabossa is a device designed to prevent rubbish bags in bins from blowing away and emptying their contents on the street. It serves to prevent the wastage of thousands of rubbish bags and the dirtying of urban spaces. This product is manufactured from the rubber curtains on recycling containers that have had to be replaced. This has been tested in Barcelona.	Improved design of bins	All	LOCAL	NO	Promoter	LOCAL PUBLIC AUTHORITY	Antivolabossa Ernest Montull M: +34 636 386 509 emontull@grupxarxa.cat
M-24	NO	The Upcycling the Oceans project, turning trash into yarn	The initiative aims to recover plastic from the sea to make casual contemporary clothing. In collaboration with port authorities and fishers associations, containers for the collection of marine litter from trawl fishers have been put in place. Upcycling the Oceans was born in September 2015. The project has collaborated with more than 450 trawl vessels in 32 Mediterranean fishing ports.	Derelict fishing gear management schemes	Plastics	LOCAL	YES	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Ecoalf Irene Díez +34 917.378.229 Fundacion@ecoalf.com
M-25	NO	The Ecoports project, dealing with waste generated during daily fishing activities	The objectives of the Eco-ports (Ecopuertos) project in Motril (Spain) are: collection, classification and quantification of all the waste generated in the course of daily fishing activities (both produced on board or in the port area), awareness campaigns and clean-up campaigns with schoolchildren, walkers, centres and diving clubs.	Fishing for litter schemes	All	REGIONAL	N/A	Facilitator	(PUBLIC) UTILITY & SERVICE PROVIDER	Ecopuertos Enrique Montero +34 956 56 08 93 630 50 65 19 / 601 18 64 80 enrique.montero@ecopuertos.org
M-26	NO	The MARVIVA Fishing for Litter project	MARVIVA is fishing for litter project promoted by the Catalan Waste Agency in 14 Catalan fishing ports (in collaboration with Barcelona Fishers Associations and the Port Authorities). The main objectives are to increase knowledge in the amounts, types and sources of marine litter; to raise awareness on marine litter issues and to promote best practices within the fishing industry.	Fishing for litter schemes	All	REGIONAL	YES	Facilitator	(PUBLIC) UTILITY & SERVICE PROVIDER	Marviva Other fishing for litter iniatives Ignasi mateo +34.935673300 imateo@gencat.cat
M-27	NO	Marking and retrieval of fishing gear	The marking of fishing gear, retrieval and notification of lost gear is part of the UK’s department of ‘Marine environment and regulations, monitoring and enforcement laws’.	Marking and retrieval of fishing gear	Fishing gear & nets	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Marking fishing gear
M-28	YES	The “Bye Bye Plastic bag” campaign	Bye Bye Plastic Bags is a social initiative driven by youth to get the people of Bali to say no to plastic bags in 2013. It has become a well-known and inspirational international movement. In 2015 they received confirmation that the government that Bali will become plastic bag and plastic garbage free by 2018.	Awareness raising campaign	Single-use items	NATIONAL	N/A	Promoter	NGO & CSO	Bye Bye Plastic bag
M-29	NO	The “My Beach” Initiative	Currently there are 6 stretches of beach in the Netherlands that have implemented the My Beach Initiative. The beaches contain signs, waste bins and flags to inform visitors to collect and dispose their own rubbish but to do the same for any litter washed up on the beach.	Adopt-a-beach schemes	All	NATIONAL	N/A	Facilitator	NGO & CSO	Adopt a beach Padraig Nolan, EuPC Padraig.Nolan@eupc.org
M-30	NO	The “Keepers of the Coast” campaign	‘Keepers of the Coast’ is a program dedicated to protecting the ocean and beaches from local threats in coastal communities. All through a collective platform of engaged volunteers.	Adopt-a-beach schemes	All	INTERNATIONAL	N/A	Facilitator	NGO & CSO	Keeper of the coast Vanessa-Sarah Salvo +34 688 68 46 11 vsalvo@surfrider.eu
M-31	YES	The “Responsible Beach Snack Bars” initiative	Beach Snack bars voluntarily register on a list and commit themselves to comply with the ‘Decalogue of Good Environmental Practices’. To give emphasis to this campaign, the ‘Responsible snack bar award’ was also launched for the first time in November 2012.	Promoting best practices for tourism and recreation	All	NATIONAL	N/A	Promoter	PUBLIC NATIONAL AUTHORITY	Beach Bar Ignacio Torres Ruiz-Huerta +34 911210920 proyectos@fundacion-biodiversidad.es
M-32	NO	The “Adopt a beach/Sponsor your beach” campaign	The “Sponsor your beach” campaign aims to include schools in the conservation of marine ecosystems as part of the annual teaching activities through the sponsorship of a beach in their municipality.	Adopt-a-beach schemes	All	NATIONAL	N/A	Facilitator	NGO & CSO	Sponsor your beach Jordi Sánchez +34 932135849 jordisanchez@submon.org
M-33	NO	The “I Take Care of My Beach” campaign	Launched in 2014, ‘I Take Care of My Beach, (Yo Cuido Mi Playa)’ is an initiative from Mexico’s National Association of Plastics Industries, designed to enhance	Adopt-a-beach schemes	All	NATIONAL	N/A	Facilitator	NGO & CSO	I Take Care of my Beach

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

			awareness of the effects of litter on the marine environment and help clean up Mexico's beaches.								
M-34	YES	The "We win by recycling" initiative, providing businesses with Reverse Vending Machines	A Spanish SME commercialise Reverse Vending Machines (RVMS) to provide certain businesses (mainly retailers) under a franchise agreement and later buy the beverage containers collected. The user is incentivized by receiving money or discounts at participating businesses.	Promoting EPR schemes	Beverage containers	NATIONAL	N/A	Implementer	SME	We win by recycling Adela Munuera expansion@ganamosreciclando.com	
M-35	YES	Deposit-refund system for beverage packaging	A deposit-refund system pilot project was set up in the tourist village of Cadaqués in Spain (Cap de Creus MPA). It identified and implemented prevention measures related to the establishment of [mandatory] Deposits, Return and Restoration Systems for beverage packaging, prioritizing their recycling when possible.	Promoting EPR schemes	Beverage containers	LOCAL	YES	Promoter	(PUBLIC) UTILITY & SERVICE PROVIDERS	Deposit-refund system Ignasi Mateo +34 93.567.33.00 imateo@scprac.org	
M-36	YES	Deposit-refund system for beverage packaging at UB	The University of Barcelona has put in place a deposit-refund system (Retorna UB) for cold beverage containers. With this system, the beverages sold in vending machines and soda water incorporates a deposit of € 0.10, which can be recovered by returning the empty container to the machines.	Promoting EPR schemes	Beverage containers	LOCAL	NO	Implementer	OTHER	UB deposit-refund system Oficina de Seguretat, Salut i Medi Ambient (OSSMA-UB) +34 934034506 ossma@ub.edu	
M-37	NO	A floating debris interception device	A floating rubbish bin located in the water at marinas, docks, yacht clubs and commercial ports, collecting all floating rubbish. The water is then pumped back into the marina leaving litter and debris trapped in the catch bag to be disposed of properly.	Cleanup campaigns and removal actions	All	INTERNATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Seabin Peter Ceglinski pete@seabinproject.com +61467515880	
M-38	NO	The "PVC Pipe Fishing Line Bins" project, collecting discarded fishing	In South Africa, an increase in recreational and subsistence fishing has resulted in an increase in fishing line discarded in the marine environment. To combat this problem, Plastics SA partnered with various stakeholders to place durable plastic bins along the coastline to collect fishing line and associated gear such as fishing hooks.	Derelict fishing gear management schemes	Fishing gear & nets	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	PVC pipe fishing line bins	
M-39	NO	The "Fishing Line Bin" project, collecting fishing lines	Keep Australia Beautiful are partners on the Fishing Line Bin Project (Department of Biodiversity, Conservation and Attractions- River Guardians). The project aims to encourage the use of bins at fishing spots and reduce litter and harm to marine life.	Derelict fishing gear management schemes	Fishing gear & nets	LOCAL	N/A	Facilitator	NGO & CSO	Fishing line	
M-40	YES	Best practices for recreational fishing	The Great Barrier Reef Marine Park Authority (GBRMPA-Australia) promotes the use of best environmental practices for recreational fishing	Promoting best practices for recreational fishing	All	NATIONAL	YES	Implementer	NATIONAL PUBLIC AUTHORITY	Recreational fishing	
M-41	NO	Realizing floating parks by recycling retrieved plastics found in the river	Plastic waste is collected before it can enter the North Sea. The plastic is used as a building material for floating platforms that are planted to form a recycled park.	Upcycling and/or recycling	All	LOCAL	N/A	Facilitator	(PUBLIC) UTILITY & SERVICE PROVIDERS	Recycled Park	
M-43	YES	Deposit-refund system for expandable polystyrene boxes used in the fisheries sector	Implementation of a Deposit, Return and Restoration System for expandable polystyrene (EPS) boxes in the fishing sector. The user (fisherman, fish processor, retailer, and consumer) has to pay a deposit for each EPS fish box; when it returned to collection point the deposit is paid back.	Promoting EPR schemes	EPS boxes	LOCAL	NO	Promoter	BUSSINESS SUPPORT ORGANIZATION	Ignasi Mateo +34 935673300 imateo@scprac.org	
M-44	YES	The Plastic Bag Levy	In March 2002, the Irish Government introduced a 15 cent levy on plastic shopping bags that were previously provided free of charge to customers at points of sale. The Levy was designed to change consumer behaviour, to give 'pause for thought' & to encourage reusable bags.	Imposing a fee/tax/levy	Single-use items	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Plastic Bag	
M-45	YES	The Bag Levy Agreement	On 28th July 2009 the Bag Agreement established a framework for collaboration between the Catalan government and the retail organizations, with the aim of reducing the consumption of disposable carrier bags by 50% by 2012 in relation to the consumption values for 2007. Law 5/2017 prohibits the free delivery of cash bags or home delivery of any plastic material.	Banning specific items and activities	Single-use items	REGIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Bag agreement Ignasi Mateo +34 935673300 imateo@scprac.org	
M-46	YES	The Plastic Bag Ban	The Queensland State Government has announced a plan to ban lightweight, single-use plastics bags by July 2018. This includes degradable and biodegradable bags. The ban is due to come into effect on July 1st, 2018.	Banning specific items and activities	Single-use items	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Ban plastic bag	
M-47	YES	Promoting the use of reusable carrier bags in campsites	Promoting an eco-responsible approach to ecotourism; during their stay, campers are invited to participate through actions like sorting waste or using reusable bags.	Promoting best practices for tourism and recreation	Single-use items	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Reusable carrier bags	
M-49	YES	Separate sanitation networks for wastewater and runoff	Vancouver city is working to eliminate sewage overflows by 2050 with a separated sewer system. Separating storm water from wastewater is better because it eliminates combined sewer overflow, prevents flooding by increasing capacity and allows storm water to be used as a resource.	Improving wastewater management systems	Plastics	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY	Separation sanitation	
M-51	NO	The Blue Flag initiative	The Blue Flag programme is an initiative of the Foundation for Environmental Education and has the support of the European Commission. The Blue Flag is awarded annually to the beaches and marinas that fulfil a set of criteria: information and environmental education; water quality; environmental management and equipment; and security and services.	Eco-labelling and Environmental Management Systems	All	INTERNATIONAL	N/A	Facilitator	NGO & CSO	Blue Flag johann@fee.global 004570222427	
M-52	NO	The "Let's Clean Up Europe" campaign	The Let's Clean Up Europe is being in carried out in all European countries. One case study is the one carried in Catalonia.	Cleanup campaigns and removal actions	All	EUROPEAN	YES	Implementer	(PUBLIC) UTILITY & SERVICE PROVIDERS, NGO & CSO	LCUE Mireia Padrós mpadrost@gencat.cat +34 935673300	
M-53	YES	Cigarette litter abatement fee	Due to growing concerns over the environmental impact and cost of cleaning up cigarette butts, San Francisco enacted a "cigarette litter abatement fee" of \$.20 per pack sold in St. Francisco, the proceeds of which helps defer the costs of cleaning streets, sidewalks, and public property.	Imposing a fee/tax/levy	Cigarette butts	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY	SF Cigarette butts	
M-54	NO	Alternative decking from recycled wood and plastic	U.S. company that manufactures alternative decking from a blend of 95% recycled wood and plastic – sponsors several community-based plastic bag recycling programs at major national grocery and retail chains.	Upcycling and/or recycling	All	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Trex Company	
M-55	YES	The "Ocean Friendly Restaurants" programme	As a response to increased plastic pollution in the coastal zone and ocean gyres, Surfrider Foundation Chapters started an Ocean Friendly Restaurants	Eco-labelling and Environmental	EPS foam tableware	NATIONAL	N/A	Facilitator	NGO & CSO	Ocean Friendly Vanessa-Sarah Salvo	

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

			program. A main goal is eliminating EPS foam food ware (aka Styrofoam) because it is a top item found at our beach clean-ups.	Management Systems						+34 688 68 46 11 vsalvo@surfrider.eu
M-56	YES	The Clean Boater Program	The Florida Clean Boater Program seeks to educate boaters on the importance of protecting the state's waterways by adopting environmentally friendly practices, including proper trash management, using bilge socks and fuelling collars, and practicing good recycling habits.	Awareness raising campaigns	All	LOCAL	N/A	Facilitator	NATIONAL PUBLIC AUTHORITY	Clean Boater Program
M-57	YES	Implementing the "Indirect Fee System" for the collection of ship-generated waste	The Cypriot Port Authority has implemented an 'Indirect Fee System' which means that every ship that enters Cypriot ports is charged a fee that gives it the right to dispose of its waste (solid waste, sludge (from burning of fuel) and sewage), regardless of whether or not the ship will actually dispose of any waste.	Improving port reception facilities for the delivery of waste from ships	All	NATIONAL	N/A	Promoter	(PUBLIC) UTILITY AND SERVICE PROVIDERS	Indirect fee system
M-58	NO	The Boat that cleans the Sea	"Battello Spazzamare" is a vessel of the Ministry of the Environment and Protection of Land and Sea for the collection of floating and solid litter in Italian MPAs. This vessel is equipped with a basket situated on the boat, which is used for the collection and stowage of floating litter	Clean-up campaigns and removal actions	All	LOCAL	YES	Promoter	NATIONAL PUBLIC AUTHORITY	The boat that cleans the Sea
M-59	NO	Establishing Waste Reception Points for waste from vessels	In 2007 and 2008, waste bins were distributed to vessels operating in Cascais Municipality, in order to discourage waste disposal into the sea. In 2008, the first reception point (Ecopoint) for waste from vessels was implemented in the Fishing Port of Cascais. The fishermen are responsible for the Ecopoint maintenance and waste management.	Improving port reception facilities for the delivery of waste from ships	All	LOCAL	N/A	Promoter	(PUBLIC) UTILITY AND SERVICE PROVIDERS	Waste reception facilities Isabel Palma i.palma@campus.fct.unl.pt
M-61	NO	The "Cruise Passenger Fee" initiative for observing ship waste treatment practices	This initiative from the EPA (USA) is charging a passenger fee to put a marine engineer on board cruise ships to observe ship waste treatment practices (as a voluntary agreement with the cruise ship companies).	Imposing a fee/tax/levy	All	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Cruise Passenger Fee
M-62	NO	The "Free drink for a cup full of cigarette butts" campaign	This a campaign (2015) carried out in beach snack bars in Spain aiming to keep the beach clean of cigarettes butts.	Actions to reduce smoking-related litter items	Cigarette butts	LOCAL	NO	Facilitator	SME	Free drink
M-66	NO	Tax on boats, for financing measures to manage waste on islands	Municipalities on small Italian islands are authorized to charge passengers on boats landing on their shores an additional tax aimed at financing measures for the islands' collection and disposal of waste.	Imposing a fee/tax/levy	All	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITIES	Tax on boats
M-67	NO	The Ocean Plastic Recovery Initiative	Under the Ocean Plastic Recovery Initiative, buy-back programmes are carried out focusing on generating alternative income from for collected marine debris. RAW for the Oceans, a fashion range by G-Star Raw and Bionic Yarn, contains yarn made from PET bottles recovered from the oceans.	Upcycling and/or recycling	All	INTERNATIONAL	N/A	Facilitator	NGO & CSO	Ocean Plastic Recovery
M-70	YES	The "Keep the Mediterranean Litter Free" campaign	Different types of activities were implemented in several Mediterranean countries such as beach clean-ups, exhibitions and workshops, photo contests, etc.. The main vehicles of the campaign included a poster/pamphlet presenting the various causes and impacts of marine litter and a publication entitled "Public Awareness for the Management of Marine Litter in the Mediterranean"	Awareness raising campaign	All	REGIONAL	N/A	Facilitator	NGO & CSO	Keep The Mediterranean Litter Free Thomas Vlachogianni, vlachogianni@mio-ecsde.org
M-71	NO	Distribution of cone-ashtrays to reduce cigarette butts on beaches	The company concessionaire of the beaches in Benidorm (Spain) began the distribution of cone-ashtrays to avoid the presence of butts in the sand.	Actions to reduce smoking-related litter items	Cigarette butts	REGIONAL	N/A	Promoter	LOCAL PUBLIC AUTHORITIES	Cone-Ashtrays
M-72	YES	Environmental Management System in tourist facilities	Implementation of an Environmental Management System (EMAS or similar) to prevent littering and other sources of ML in a tourist facility.	Eco-labelling and Environmental Management Systems	All	LOCAL	NO	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	Hotel EMS
M-73	NO	The "Adopt-a-spot" program	The Adopt-a-Spot program in Western Australia is a simple way to mobilize volunteers for a few hours to do their bit for a cleaner environment.	Adopt-a-beach schemes	All	REGIONAL	N/A	Facilitator	REGIONAL PUBLIC AUTHORITY	Adopt a spot Keep Australia Beautiful Western Australia (KABWA) adoptaspot@kabc.wa.gov.au +61 8 6364 7210
M-74	NO	Anti-Littering Advertising Campaign	City of Toronto anti-littering ads encourage responsibility of producers by challenging them to increase anti-littering messages on their products, using less harmful products, promote recycling and support anti-beach litter initiatives.	Awareness raising campaign	All	LOCAL	NO	Facilitator	LOCAL PUBLIC AUTHORITIES	Anti-lit Advertising
M-75	YES	The "Beat the MicroBead" campaign, for phasing out microplastics from cosmetics	The 'Beat the Microbead campaign' is supported by 90 NGOs from 38 countries around the world. The latest addition to the campaign seeks to reward cosmetic brands that are 100% free of microplastics in their products, so they can apply to carry the "Zero Plastic Inside" logo.	Actions to phase out microplastics	Microplastics	INTERNATIONAL	N/A	Facilitator	NGO & CSO	Beat the Microbead Madhuri Prabhakar madhuri@plasticsoupfoundation.org +31 (0) 854016244
M-76	YES	The Microbead-Free Waters Act	In USA, Microbead-Free Waters Act of 2015 is as stated: "to amend the Federal Food, Drug, and Cosmetic Act to prohibit the manufacture and introduction or delivery for introduction into interstate commerce of rinse-off cosmetics containing intentionally-added plastic microbeads".	Actions to phase out microplastics	Microplastics	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	Microbead free Waters Act
M-77	YES	The disposable cutlery ban	Disposable plastic cutlery (cups, glasses, plates) will be banned in France from 1 January 2020 with the exception of those compostable for home composting.	Imposing a fee/tax/levy	Single-use items	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	French Picnicban
M-79	YES	The Cotton Bud Project	The Cotton Bud Project seeks to engage local concerns over the current environmental issue of plastic cotton bud stems in marine litter, promoting a change to biodegradable material such as paper.	Eco-labelling and Environmental Management Systems	Cotton Buds	NATIONAL	N/A	Facilitator	NGO & CSO	The Cotton Bud
M-80	NO	The Marine Debris and	So far in 2016, Philadelphia Water boats have collected 4.8 tons of trash during	Clean-up campaigns	All	LOCAL	NO	Promoter	LOCAL PUBLIC	Marine debris

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

		Floatables Management Program via boat-supported clean-up operations	72 trips (50 days on the Schuylkill and 22 on the Delaware). All of this is done under Philadelphia Water's Marine Debris and Floatables Management Program.	and removal actions							AUTHORITIES
M-81	NO	The "Dive Against Debris" project	Project AWARE's flagship citizen-science program, Dive Against Debris®, empowers scuba divers to remove marine debris from the ocean and report data on the types, quantities and locations of materials collected.	Clean-up campaigns and removal actions	All	INTERNATIONAL	N/A	Facilitator	NGO & CSO		AWARE
M-86	NO	The WFO trawls Nets, for cleaning up floating litter	The WFO (Waste Free Oceans) trawls nets can protect rivers, inlets and stop any discharge of pollution into main Rivers and the sea.	Clean-up campaigns and removal actions	All	INTERNATIONAL	N/A	Promoter	NGO & CSO		WFO trawl nets Bernard Merx bernard.merx@wastefreeoceans.eu +31620257201
M-87	YES	The "Great British Spring Clean" campaign	The Great British Spring Clean is a campaign with a simple aim: to bring people across the country together to clear up the litter that blights towns, villages, countryside and beaches.	Clean-up campaigns and removal actions	All	NATIONAL	N/A	Promoter	NGO & CSO		Great British Spring Clean
M-88	NO	Keeping riverbeds and dry rivers clean	In Barcelona and nearby communities, the local councils employ workers to collect waste in the dry rivers. This can be carried out as a form of employment for youths and long-term unemployed.	Clean-up campaigns and removal actions	All	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY		
M-91	YES	The Plastic Cotton Bud Ban	The Biodiversity Law of France has been amended with a ban on plastic-stemmed cotton buds from 1st January 2020. Decree prohibiting the placement on the market of cotton buds with a plastic stem for domestic use,.	Banning specific items and activities	Cotton Buds	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY		Cotton Bud ban
M-93	NO	Targeted outreach program to prevent derelict nets and crab pots	This initiative focuses on the removal of derelict fishing gear and on educating the local fishing community about the impacts of derelict gear	Derelict fishing gear management schemes	Fishing gear & nets	NATIONAL	N/A	Facilitator	NATIONAL PUBLIC AUTHORITY		Prevent derelict nets&crab pots
M-94	NO	Dive Against debris campaign	RAPA Vlore (Regional Administration of Protected Areas) organized awareness-raising scuba diving activities to identify the hotspots on plastic pollution and collect plastic litter.	Clean-up campaign and removal actions	Fishing gear & nets	LOCAL	YES	Facilitator	OTHER (MPA)		
M-95	NO	Seabed clean-up operations	Gouraya National Park is very active in seabed cleaning operations with all concerned local stakeholders.	Clean-up campaign sand removal actions	All	LOCAL	YES	Implementer	OTHER (MPA)		
M-96	NO	Establishing derelict fishing gear management schemes	Within the framework of the IPA-Adriatic DeFishGear project, derelict fishing gear management schemes were established in ports and marinas in the Adriatic and Ionian Seas in order to ensure that the DFG is managed properly.	Derelict fishing gear management schemes	Fishing gear & nets	REGIONAL	N/A	Facilitator	NATIONAL PUBLIC AUTHORITY		DeFishGear Pero Tutman tutman@izor.hr
M-100	YES	Sewer drains free from litter	This initiative from the Cap Ferrat Natura 2000 site (Nice Côte d'Azur Metropolis) places signs on the road next to sewer drains to inform residents of how they are connected to the sea and about marine litter.	Awareness raising campaign	All	LOCAL	YES	Implementer	LOCAL PUBLIC AUTHORITY		Cap Ferrat Natura
M-102	NO	The "Ecogeste in the Mediterranean" campaign	The 'Côte Bleue Marine Park' is involved in a campaign for environmental education entitled "Ecogeste in the Mediterranean". The EcoGeste campaign also raises the awareness of all sea users about the issue of marine litter.	Awareness raising campaign	All	LOCAL	YES	Implementer	OTHER (REGIONAL AUTHORITIES)		Ecogeste
M-103	NO	Recovery of fishing nets	Since 2016, the Gulf of Lion Marine Park has implemented several activities related to marine litter. One of these focuses on the recovery of nets lost at sea and the establishment of a value chain for their exploitation.	Derelict fishing gear management schemes	Fishing gear & nets	LOCAL	YES	Implementer	OTHER (RESEARCH INSTITUTION)		
M-105	NO	Recovery and recycling fishing nets	The FEP Varois Group (European Fisheries Fund Group) implements a measure focused on recycling fishing nets and reusing the end product for the fabrication of other products.	Derelict fishing gear management schemes	Fishing gear & nets	LOCAL	YES	Facilitator	ENTERPRISE&OTHER ECONOMIC OPERATOR		
M-106	NO	The Clean Up the Med campaign	Legambiente coordinates organizations, schools, tourist hotels, local people and local institutions each year in the awareness campaign Clean Up the Med, which involves more than 1,500 locations in 21 Mediterranean countries, aiming to draw attention to the pollution of the Mediterranean Sea and motivate communities to work together to change the situation.	Clean-up campaigns and removal actions	All	REGIONAL	YES	Facilitator	NGO & CSO		The Clean Up the Med campaign Stefania Di Vito s.divito@legambiente.it
M-107	NO	Removal of floating litter	Punta Campanella MPA is implementing several measures related to marine litter. One of these measures focuses on the use of a sweeper to collect waste from the surface of sea.	Clean-up campaigns and removal actions	All	LOCAL	YES	Implementer	OTHER (MPA)		Punta Campanella
M-108	NO	Dive against debris	The Mediterranean Centre for Environmental Monitoring participated in several organized volunteering activities for removing garbage from the seafloor.	Clean-up campaigns and removal actions	All	LOCAL	N/A	Facilitator	NGO & CSP		Dive against debris
M-111	NO	Improving waste collection on-board	In Gokova Bay MPA, the municipality put special boats into service for litter collection from boats.	Improving waste management on-board	All	LOCAL	YES	Promoter	NGO & CSO		Gokova Bay
M-114	NO	System to prevent riverine inputs of marine litter	SMILE – Strategies for Marine Litter and Environmental prevention of sea pollution in coastal areas – is a European project aiming to decrease marine litter in coastal areas with an innovative system for waste recovery, composed of two nets placed at the mouth of the river, will catch the litter transported from the river to the sea.	Clean-up campaigns and removal actions	All	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY		SMILE Alessandra Borghini alessandra.borghini@santannapisa.it
M-115	NO	Fishing for litter	Within the framework of the IPA-Adriatic DeFishGear project, fishing for litter activities were implemented in the 7 countries of the Adriatic-Ionian macro region.	Fishing for litter schemes	All	REGIONAL	N/A	Facilitator	NATIONAL PUBLIC AUTHORITY		Fishing for litter Uroš Robič uros.robic@izvrs.si
M-116	NO	Targeted removal of ghost nets	Within the framework of the IPA-Adriatic DeFishGear project, the targeted removal of ghost nets was piloted in the countries of the Adriatic-Ionian macro region.	Clean-up campaigns and removal actions	Fishing gear & nets	REGIONAL	N/A	Facilitator	NATIONAL PUBLIC AUTHORITY		DeFishGear Paolo Pelusi pelusi@mediterraneo.coop
M-117	YES	Enhancing public awareness and promoting co-responsibility for marine litter in Europe	MARLISCO was a European initiative, which developed and implemented activities across 15 countries. It worked towards raising social awareness and engagement on marine litter, through a combination of approaches (public exhibitions, a video competition, educational and decision-supporting tools, events with stakeholders).	Awareness raising campaign	All	EUROPEAN	N/A	Facilitator	NGO & CSO		MARLISCO Thomais Vlachogianni vlachogianni@mio-ecsde.org
M-118	NO	Removal of marine litter	The Sea Litter Critters project explored the feasibility of introducing a compact,	Clean-up campaigns	Plastics	EUROPEAN	N/A	Facilitator	OTHER (RESEARCH		Sea Litter Critters project

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

		with a marine litter collection and treatment vessel	unmanned, renewables-powered and self-sufficient marine litter collection and treatment vessel to the market, minimising the pollution risks linked to plastic in the sea, where plastic items become brittle and break down into small particles, but basically never dissolve.	and removal actions							INSTITUTIONS)	
M-119	NO	Sea surface marine litter cleaning operations	Sea surface marine litter cleaning is carried out in Turkey by three metropolitan municipalities. Boats gather floating litter every day and sent them to recycling plants.	Clean-up campaigns and removal actions	All	LOCAL	NO	Promoter	LOCAL PUBLIC AUTHORITY		Sea surface litter cleaning	
M-120	NO	The Blue Lid Campaign	It is a social responsibility project that was widespread all over the country (Turkey) for supplying wheelchairs in exchange of plastic bottle lids to those who need a wheelchair but cannot afford to have one.	Upcycling and/or recycling	All	NATIONAL	N/A	Facilitator	OTHER (RESEARCH INSTITUTIONS)		The Blue Lid Campaign	
M-121	NO	The Coastwatch Campaign	Coastwatch is a project with a strong environmental education component. It promotes active citizenship in school communities and allows significant coastal monitoring, including marine litter monitoring and beach clean-ups. In 2006 Croatia has accepted the return packaging system model for PET, glass and Al / Fe packaging units (bottles and cans). The refund money that the producers paid to put the packaging on the market goes on the account of the Croatian Fund for environmental protection and energy efficiency.	Clean-up campaigns and removal actions	All	NATIONAL	N/A	Facilitator	NGO & CSO		Coastwatch	
M-123	YES	Setting up a return-refund system for packaging	Ban on smoking at some beach areas (like half of a beach non-smoking). Outdoor bans exist in cities like Tokyo where smoking is not allowed on the streets except in designated areas. In MPA context these areas could be near a beach bar (more potential customers close to it).	Promoting EPR schemes	Plastic packaging	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY		Croatian deposit system	
M-124	YES	The Smoking Ban	In Copenhagen (Denmark), 60 drinking fountains have been installed across the city to encourage the use of refillable bottles and to reduce the use of single-use plastic bottles. The Company, who installed the fountains, estimate 1 litre of water from the fountain as a 0.0002 kg CO2 eq. compared to 0.18 kg CO2 eq. from 1 litre of bottles water.	Banning specific items and activities	Cigarette butts	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY		Smoking Ban	
M-125	YES	Installing drinking water fountains to reduce the use of single-use plastic bottles	City of San Francisco has become the first in America to ban the sale of plastic water bottles. On January 20th, 2017 was published Ordinance No. 009-17, amending the Environment Code to restrict the sale or distribution of packaged water on City property.	Promoting the replacement of single-use plastics	Plastic bottles	LOCAL	N/A	Implementer	LOCAL PUBLIC AUTHORITY		Drinking Water	
M-126	YES	The Bottled Water Ban	There is a clear potential for municipalities to require, under licensing laws, hospitality venues that serve alcoholic and other drinks in outside places, e.g. terraces, pavements, to use reusable (glass or durable plastic) containers rather than disposable containers. Returns could be secured through the implementation of a deposit-refund system. The City of Munich has banned the use of disposable cutlery at large-scale public events ("Münchner Einwegverbot") Vienna also implemented measures, from 1st January 2011, to reduce the environmental impact of events through reducing the use of disposable items.	Banning specific items and activities	Plastic bottles	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY		The Bottled Water Ban	
M-127	YES	Licensing law obligating the use of reusable containers at public events	In California, Clean Water Action is running a "ReThink Disposable" program in which they give advice to restaurants and food outlets in the area as to how switching from using single-use disposable food wares to reusable crockery or environmentally friendly options can both save them money and reduce plastic waste.	Promoting the replacement of single-use plastics	Single-use items	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY		Use of reusable containers at public events	
M-128	YES	The "ReThink Disposable" program	Throughout the duration of the LIFE Project 'DEBAG – Integrated information and awareness campaign for the reduction of plastic bags in the marine environment' an extensive information campaign will be implemented, targeting the huge ecological footprint of plastic bags in the marine environment. The basic "pilot" of the implementation's actions is the island of Syros. The first week of June is established as a "plastic bag free week", during which the basic information and communication activities aimed at citizens and visitors to the island will take place.	Promoting the replacement of single-use plastics	All	REGIONAL	N/A	Facilitator	NGO & CSO		The Rethink Disposable	
M-129	YES	The LIFE+ DEBAG project to reduce plastic bags use	Rivers are a pathway, transport medium, from litter on land to litter in seas. In the Netherlands, the Clean River project (www.ivn.nl/schone-rivieren) has found a way to mobilize and organize the public to participate in a coordinated manner to support riverbank clean-ups.	Awareness raising campaign	Single-use items	LOCAL	N/A	Facilitator	NGO & CSO		DEBAG Christina Kontaxi info@medsos.gr	
M-130	YES	The "Clean River" project	Summer campaign that aims to raise awareness of clean habits and on-board sorting in order to prevent marine litter and give our packaging a second life.	Clean-up campaigns and removal actions	All	NATIONAL	N/A	Facilitator	NGO & CSO		Clean River schonerivieren@ivn.nl	
M-131	YES	The "I sail, I sort" campaign to promote better on-board management of marine litter	In Evanston, Illinois, the City Council has developed a Mobile Water Station, which provides clean tap water at events and can be hired. In 2014 it supplied water at 55 events, reducing disposable 12-ounce bottle use by 99,000	Awareness raising campaign	All	NATIONAL	N/A	Facilitator	NGO & CSO		I sail I sort	
M-132	YES	Installing mobile water stations, to reduce disposable bottle use	Voluntary action of the public sector (central government and municipalities), the private sector and civil society from Costa Rica to promote the replacement of single-use plastic with renewable and compostable alternatives. 'Zona Libre de Plástico' is part of the Waste Management Plan 2016-2021.	Promoting the replacement of single-use plastics	Plastic bottles	LOCAL	N/A	Facilitator	LOCAL PUBLIC AUTHORITY		Mobile water stations	
M-133	YES	Promoting the replacement of single-use plastics with compostable alternatives	In the city of Freiburg (Germany), customers pay a €1 deposit for the coffee cup, which can be returned to more than 100 participating stores in the city centre. Participating stores have an identifying green sticker in the window.	Promoting the replacement of single-use plastics	Plastics	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY		Zona libre de plástico	
M-139	YES	City of Freiburg alternative to disposable coffee cups		Promoting the replacement of single-use plastics.	Single-use items	LOCAL	N/A	Facilitator	LOCAL PUBLIC AUTHORITY		City of Freiburg alternative	

INVENTORY OF SHOWCASES OF APPLIED MARINE LITTER MEASURES

M-140	YES	Smoking bans on beaches	Some municipalities in Italy and USA have officially banned smoking from beaches. In Italy, the first municipality that has officially banned smoking from its beaches in 2019 is Bibione, in Veneto. In the USA, people caught using cigarettes, cigars, pipes or electronic cigarettes on beaches will face a fine of up to \$25.	Banning specific items and activities	Cigarette butts	LOCAL	N/A	Facilitator	LOCAL PUBLIC AUTHORITY	https://www.icronline.org/doi/pdf/10.2112/JCOAST-RES-D-10-00137.1 https://ecobnb.com/blog/2019/06/no-butts-smoke-free-beaches-italy/
M-141	YES	Sustainable waste management practices in restaurants and food service operators	The USA National Restaurant Association provides guidelines and support to restaurants and food service operators on how to reduce single-use plastics such as to-go containers, utensils, napkins and bags.	Promoting the replacement of single-use plastics	Plastics	NATIONAL	N/A	Facilitator	ENTERPRISE & OTHER ECONOMIC OPERATOR	https://restaurant.org/Downloads/PDFs/sustainability/restaurant_sustainability_research_report_2018.pdf
M-142	YES	Drainage nets to reduce the discharge of rubbish from drainage systems	In March 2018, the City of Kwinana (Australia) installed drainage nets at two locations in Henley Reserve as a trial. The nets were installed in an effort to reduce the discharge of rubbish from drainage systems within the city, in particular areas where road drainage is discharged into public open spaces and reserves. With the trial proving to be a success, the City of Kwinana's Engineering Design Team have identified three other locations within Henley Reserve that will be designed and retrofitted with the nets to capture more debris that would otherwise be washed out into the reserve.	Improving wastewater management and drainage systems	All	LOCAL	N/A	Facilitator	LOCAL PUBLIC AUTHORITY	https://www.kwinana.wa.gov.au/our-city/news/Pages/-Drainage-Nets-Cleaning-up-Henley-Reserve-.aspx
M-143	YES	Single-use plastic straws ban	The State of California has introduced a bill that prohibits a full-service restaurant, from providing single-use plastic straws to consumers unless requested by the consumer. The bill specifies that the first and second violations of these provisions would result in a notice of violation and any subsequent violation would be an infraction punishable by a fine of \$25 for each day the full-service restaurant is in violation, but not to exceed an annual total of \$300.	Promoting the replacement of single-use plastics.	Straws	NATIONAL	N/A	Promoter	NATIONAL PUBLIC AUTHORITY	https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1884
M-144	YES	Plastic waste for free bus ride	Istanbul installed reverse vending machines giving bus tickets in exchange for plastic bottles leading to the collection of 785,084 bottles and aluminum cans for recycling. Currently, the city hosts 96 reverse vending machines; the majority of them are at schools. Three are placed in metro stations, while two others were deployed in public hospitals. In exchange for plastic bottles and aluminum waste, people can get fare credits on their electronic passes. The more they deposit in a machine, the more credits they can get.	Setting up a deposit-refund system	Plastic bottles & aluminium cans	LOCAL	N/A	Promoter	LOCAL PUBLIC AUTHORITY	https://www.dailysabah.com/istanbul/2019/03/01/plastic-waste-for-free-bus-ride-keeps-istanbul-cleaner
M-145	YES	The Clean Ports Process and Certification	With the purpose of ensuring and promoting sound environmental management for marinas, a certification system has been implemented in France and in Europe. It follows on from the AFNOR Agreement "Clean Harbour Guidelines". The "Clean Harbour Guidelines" certification guarantees that all the steps in the "Clean Harbour Guidelines" process are respected and carried out smoothly. Certification is granted for a period of three years with yearly monitoring assessments.	Eco-labelling and Environmental Management Systems	All	NATIONAL	N/A	Promoter	Enterprise & other economic operator	http://www.ports-propres.org/cinq-phases-demarche.php
M-146	YES	Lego's recycling program for unwanted bricks	Danish toymaker Lego is testing a new way for customers to return their unwanted bricks in an effort to move closer to its goal of switching to 100 percent sustainable materials in the next decade. U.S. customers can now print out a mailing label on its site, dump their used Lego bricks in a box and ship them off for free, the company announced. The pieces will be cleaned, put in a box and given to Teach for America, a non profit that will donate them to classrooms across the United States. Some bricks will be also sent to the Boys & Girls Clubs of Boston for its after-school programs.	Promoting extended producer responsibility schemes (e.g. deposit-refund systems)	Plastic toys	LOCAL	N/A	Promoter	Enterprise & other economic operator	https://bit.ly/2qp5Gdl
M-147	YES	Compostable plates made of banana leaves	A group of young Peruvians has launched a project called 'Bio Plant' in order to help the world use less plastic. They have created biodegradable dishes made of banana leaves to reduce environmental pollution caused by excessive disposal of plastic. Every banana leaf plate used instead of a plastic one is one less item polluting our planet. This innovative product can decompose within 2 months – it's completely degraded naturally before the 60 days are up.	Design for lifecycle	Single-use items	LOCAL	N/A	Promoter	Enterprise & other economic operator	https://www.intelligentliving.co/peruvian-compostable-plates-banana-leaves/



THE PLASTIC BUSTERS MPAs PARTNERSHIP

