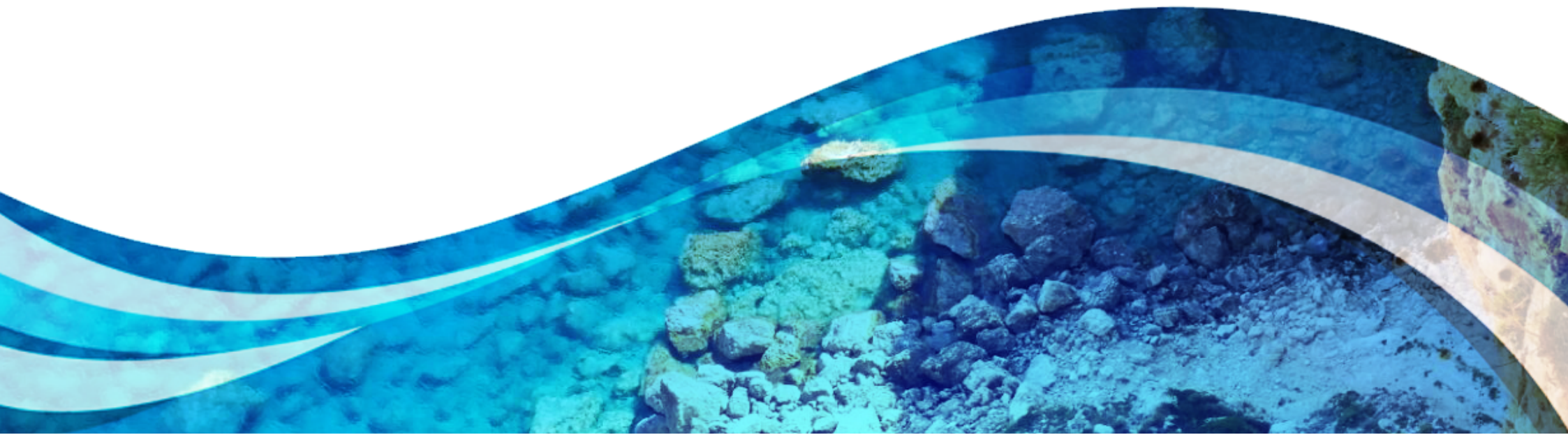




BlueMed Pilot Action For a plastic-free, healthy Mediterranean Sea

Mapping of initiatives – National Hubs FRANCE



France

Background elements:

- At a global level, France took part in the anti-plastic campaign launched by United Nations within its environment program and is also committed to different action plans related to marine litters, within the G7, G20 and is part of several regional sea conventions (Barcelona Convention, OSPAR Convention). France is also a signatory to Ellen MacArthur Foundation's "New Plastics Economy Global Commitment".
- At national scale, the French Government took major legal measures to forbid the utilization of different single-use plastic items having impacts on the marine environment (plastic bags, plastic cups and plates, cotton buds, microbeads in cosmetics) and developed a Roadmap for the Circular Economy¹.
- Furthermore, on the occasion of the Inter-Ministry Committee for the Sea (CIMer) in November 2018, the French Government reinforced its commitment to reach the target of "zero plastic into the sea in 2025" through the implementation of an action plan against plastic pollutions. This plan includes a component on "participation to research and innovation". It is going to:
 - Support companies in their ecological transition (thematic of micro-plastics highlighted in next FUI and PIA calls);
 - Encourage the development of research projects (mobilization of European funds, strengthen the thematic of micro-plastics in national calls);
 - Structure the French scientific community on the research network project "polymers and oceans";
 - Develop a platform to connect scientists and different stakeholders.
- Inputs provided by the French Maritime Prefecture of the Mediterranean (PREMAR MED) have been very useful to contribute at best to this mapping. Under the French Prime Minister's authority, PREMAR MED acts to preserve human safety at sea and contributes to regulate human activities to preserve marine environment.

PREMAR MED is really much in favor of « root » actions that aim at fighting plastic pollution at its source and it strongly encourages long-term measures that aim at reducing the production and utilization of plastics.

PREMAR MED also highlights the importance to support actions that contribute to avoid waste dumping in rivers, river mouths and sea. It reminds the importance to develop appropriate equipment to avoid dispersion of plastics litters in case of heavy rainfalls. Promoting the upgrade of water

¹ <https://www.ecologique-solidaire.gouv.fr/sites/default/files/FREC%20anglais.pdf>

treatment plans is also a necessity in order to stop the dispersion of small plastics in waters (in this context, the Water Development and Management Scheme (SAGE) and the Masterplan for Water Development and Management (SDAGE) are useful planning tools).

- The Action Plan for Marine Environment (PAMM) is the transposition tool of the EU Marine Strategy Framework Directive into French law. Within PAMM, a Program of Measures (PoM) has been developed. PoM is made of concrete and operational measures to reach or maintain the good ecological state of marine waters at horizon 2020. In this context, it seems relevant to highlight several of French national measures which contribute to fight marine litters:
 - M015-NAT1b: Strengthen prevention and optimal management of wastes in a logic of circular economy;
 - M016-NAT1b: Act on solid wastes' pathways from watersheds to marine environment;
 - M017-NAT1b: Improve prevention and waste management (ship-generated wastes and macro-wastes collected by fishermen) in fishing ports, cargo ports and marinas;
 - M018-NAT1b: Increase professional fishermen's awareness and encourage them to take part in actions to fight plastics litters;
 - M020-NAT1b: Identify and promote relevant mechanisms to limit the transfer of macro-wastes during dredging and dredging sediments immersion operations.

Mapping of French activities and initiatives that contribute to understand and fight plastic pollution:

The mapping below is a non-exhaustive and evolving list of:

- National and regional programmes and calls ;
- Relevant European projects in which France is involved (Interreg 2014-2020 / Life 2014-2020);
- Ongoing relevant national projects funded by the French National Research Agency (ANR) and ANR international projects with French coordination;
- Other relevant French initiatives, research groupings etc.

Type of action	Nature	Name	Date	Description	Website
Monitoring and Assessment	National Research Grouping	GDR 2050 Polymers and Oceans	Ongoing – launched in 2019	Research Grouping under the lead of CNRS whose goal is to bring together and promote French scientific communities involved in the research field of polymers in aquatic environment. The acquired knowledge will be shared on the occasion of a yearly conference and different workshops. The first major meeting of the GDR took place last June 2019 in Paris.	https://www.gdr-polymeresetoceans.fr/
	Call – Region Sud PACA	For a Zero Plastic Waste Mediterranean	Call opened until 17/01/2020	Supports local actions and initiatives from a broad range of stakeholders that aim at protecting natural areas and Mediterranean Sea from plastic pollution. Four themes: <ul style="list-style-type: none"> • New containers that respect environments; • Integrated and multi-stakeholders approaches to protect watersheds and coastal areas from waste dumping; • New tools to track, monitor and recycle plastic litters in natural areas; • Projects aiming at strengthening knowledge on micro and nano plastics. 	https://www.maregionsud.fr/aides-et-appels-a-projets/detail/pour-une-mediterranee-zero-plastique
	Interreg Project (Interreg Atlantic Area Programme)	Clean Atlantic - Tackling marine litter in the Atlantic Area	09/2017–08/2020	Aims at protecting biodiversity and ecosystem services in the Atlantic Area by improving capabilities to monitor, prevent and remove (macro) marine litter. Different work packages (gathering and assessing data on marine litter in the Atlantic Area / Monitoring and data management / Mapping and modelling marine litter / tackling marine litter / awareness rising).	http://www.cleanatlantic.eu/
	Interreg Project (Interreg Italy–France Programme)	SPlasH! Stop plastics in the water	02/2018–01/2020	Aims at analysing the origin and dynamics of micro plastics in the ports of the Programme. In addition to the plastics floating on the sea surface, the study will deal with the fibres found in the water column and seabed.	https://www.keep.eu/project/23748/stop-plastics-in-the-water?ss=846a4033cf331f095fcb2cbacc309bda&esson=
	Interreg Project (Interreg Mediterranean Programme)	BLUEISLANDS – Seasonal variation of waste as effect of tourism	11/2016–10/2019	Aims at identifying, addressing and mitigating the effects of the seasonal variation of waste generation on MED islands as an effect of tourism.	https://blueislands.interreg-med.eu/

Type of action	Nature	Name	Date	Description	Website
	Interreg Project (Interreg Mediterranean Programme)	MEDSEALITTER – Developing Mediterranean-specific protocols to protect biodiversity from litter impact at basin and local MPAs scales	11/2016–07/2019	Aims at developing, testing and delivering an efficient, easy to apply and cost-effective protocols to monitor and manage litter impact on biodiversity, considering both macro and micro litter and applicable at large basin-wide and local within-MPA scales.	https://medsealitter.intereg-med.eu/
	Interreg Project (Interreg Mediterranean Programme)	PlasticBusters MPAs – Preserving biodiversity from plastics in Mediterranean Marine Protected Areas	02/2018–01/2022	Aims at tackling marine litter via a coordinated approach.	https://plasticbustersmpas.intereg-med.eu/
	ANR Project	OXOMAR - Abiotic and biotic degradation and toxicity of oxo-biodegradable plastics in marine waters	01/2017-01/2020	Aims at capturing scientific data on the fate of oxo-degradable plastics in the marine environment. Three axes 1) abiotic degradation at sea 2) biodegradation at sea 3) analyze the potential toxicity of OXO for marine organisms.	https://anr.fr/Projet-ANR-16-CE34-0007
	ANR Project	EPSEA - NanoParticleS of Plastics in the environment : Source, prediction and impact	12/2017-06/2021	Focus on mangroves in Guadeloupe, whose biodiversity is very rich and which are highly exposed to waste landfills and waste gyres in the North Atlantic. Aims at developing sampling methods to detect nanoplastics and analyse their impact on mangroves' aquatic organisms.	https://anr.fr/Projet-ANR-17-CE34-0008
	ANR Project	MycoPLAST - Fungal communities associated with marine plastic	01/2020-07/2023	Aims at analyzing in depth the diversity, activities and functions of marine fungal communities and aims at exploring the potential ability of these micro-organisms to degrade complex plastics.	https://anr.fr/Project-ANR-19-CE04-0001

Type of action	Nature	Name	Date	Description	Website
		waste and their bioremediation potential			
	EU/DG ENV, MSFD 2016 call	MEDCIS	03/2017-02/2019	Supports Mediterranean Member States towards coherent and Coordinated Implementation of the second phase of the MSFD. In the project, an intercalibration exercise on the analysis of microplastics in sediment an water has been carried out amongst five laboratories from five Mediterranean countries (France, Slovenia, Italy, Greece and Spain)	http://medcis.eu/
	EU/DG ENV, MSFD 2018 call	MEDREGION	02/2019-02/2021	Supports Mediterranean Member States towards implementation of the MSFD new GES Decision and programmes of measures and contribute to regional/subregional cooperation. A part of the project focuses on the impact of pollution – including plastics – on biodiversity	
Preventing/ Recycling/ Circular Thinking	Interreg Project (Interreg Atlantic Area Programme)	CIRCULARSEAS - Turing ocean plastic waste into green products for maritime industries	04/2019 – 03/2022	Aims at using ocean plastic waster as a mean to develop new green technology, 3D printing, flexible enough to adapt to the manufacturing conditions for new eco-innovative small and medium parts and components. Target industries: fishing, auxiliary fishing, aquaculture, shipyard, port management, nautical sports.	Website
	Call – ADEME / Region Sud PACA	ProValoTri	Call opened from 09/09/2019 to 03/12/2019	Creation and modernization of waste management sites (waste sorting centres and landfill sites) to support local economic activities (and building sector). Plastic recycling is mentioned as a key challenge.	Website
	Call – ADEME / Region Sud PACA	FILIDECHET 2020 - Prevention and Development of innovative sectors to promote the	Call opened until 02/12/2019	Circular economy, give a second life to litters and use them as resources. The call aims at protecting environment while creating new jobs. It targets companies, associations, communities and all structures operating in economic sector of PACA. The call belongs to a broader context: PACA regional Programme 'Zero Plastic Waste in 2030'.	https://appelsaprojets.ademe.fr/aap/FILIDECHET2019-114#resultats

Type of action	Nature	Name	Date	Description	Website
		value of economic activities' litters			
Collection and Valorisation	Programme – Region Sud PACA	Adopt'1 Spot	Ongoing	Programme animated by the MerTerre Association: an area is “adopted” by an organism (local authority, association etc.) which leads cleaning operations on the zone (with a standardized protocol) and analyses the collected wastes (with the help of scientists) to study pollution's sources and find solutions. Goal: create a pilot network of strategic areas to share good practices and extend the concept.	https://www.remed-zero-plastique.org/adopt-1-spot
	LIFE Project	LIFE LEMA – Intelligent marine LittEr removal and Management for local Authorities	09/2016-09/2019	Several French institutions and associations are part of the consortium of partners. It aims at defining a management service for local authorities to select sustainable approaches for tackling the problem of floating marine litter before it arrives at shore areas with difficult access, or it sinks.	http://www.lifelema.eu/fr/
Education/ Training/ Communication	Interreg Project (Interreg France-Wallonie-Vlaanderen Programme)	Clean Sea - Environmental and local concertation for a new approach	08/2018–01/2020	Aims at making littoral citizen more aware of marine litters' sources and origins, their consequences on marine life and it aims at promoting daily actions helping the reduction of plastic consumption.	https://www.interreg-fwvl.eu/sites/default/files/clean_sea_fr.pdf
	Label – Region Sud PACA	ECODEFI Label	Ongoing	It awards artisanal and commercial local enterprises with a specific Label once they complete a certain number of “eco-challenges”. Waste sorting is one of the 202 challenges identified by the Label. It is driven by the Chamber of Crafts of the region and the Chamber of Commerce and Industry of Nice Côte d'Azur.	https://www.ecodefis-provencealpescotedazur.fr/
	Regional Initiative – Region Normandie	The Sorting Leopards (Les leopards du tri)	10/2019-05/2020	14 voluntary young persons from 16 to 25 years old who have been trained by the Region and who meet citizens to raise awareness and share recommendation for waste sorting (24 hours per week in the framework of national civic service).	https://www.normandie.fr/dechets
Policies/ Regulatory	Plan – Region Sud PACA	Plan Zero Waste 2030	Ongoing	Regional scheme for sustainable development and land planning. This plan is the reference for local authorities on wastes' thematic.	https://www.maregionsud.fr/la-region-en-action/amenagement-et-developpement-

Type of action	Nature	Name	Date	Description	Website
framework/ Financing					durable/prevention-et-gestion-des-dechets
	Programme – Region Sud PACA	Programme Zero Plastic Waste in 2030	Ongoing	<p>Goal: towards the interdiction of plastic waste landfill. The Region supports local communities to achieve this goal to help them reducing their plastic consumption. Two axes:</p> <ul style="list-style-type: none"> • Circular economy (plasturgy, recycling and integration of recycled wastes into industry); • Environment (preservation of natural habitats, coastal areas, sea and watersheds). 	https://www.maregionsud.fr/la-region-en-action/amenagement-et-developpement-durable/prevention-et-gestion-des-dechets
	Interreg Project (Interreg Atlantic Area Programme)	Ocean Wise – Wise reduction of EPS marine litter in the North-East Atlantic Ocean	01/2018–12/2020	Aims at developing long-term measures to reduce the impacts of expanded polystyrenes (EPS) and extruded polystyrenes (XPS) that are a worrying source of marine litter in the Atlantic. Aims at presenting the best solutions and results to drive more sustainable policies and best practices within sectors considering the use, manufacturing, recycling and uptake of foamed polystyrene.	http://www.oceanwise-project.eu/
	Interreg Project (Interreg Mediterranean Programme)	ACT4LITTER – Joint measures to preserve natural ecosystems from marine litter in the Mediterranean Marine Protected Areas	02/2017–07/2018	Aims at facilitating efforts for tackling marine litter in Mediterranean MPAs through the development of effective and targeted measures towards reaching their conservation objectives via an ecosystem-based approach.	https://act4litter.interreg-med.eu/fr/
	LIFE Project	LIFE-IP Smart Waste – Towards a Circular Economy in the Provence-Alpes-Côte d’Azur Region	01/2018–12/2023	Aims at fully implementing the departmental waste plans in compliance with the Waste Framework Directive; and secondly, it aims to implement the regional waste management plan for the PACA Region, which is the coordinator of the project.	http://www.lifeipsmartwaste.eu/

Type of action	Nature	Name	Date	Description	Website
	Public body - Corsica	OEC – Environmental Office of Corsica	Active	Among its many objectives, it aims at tackling pollution, reducing wastes and contributing to the implementation of a valorization policy on waste collection and recycling.	https://www.oec.corsica/Uffiziu-di-l-Ambiente-di-a-Corsica-UAC_a4.html
	Public body - Corsica	Territorial Waste Observatory	Active	Aims at collecting and analyzing data related to waste management to help public authorities in the decision-making process.	http://www.oddc.fr/modules.php?name=Sections&op=viewarticle&artid=110&mng=3,231

Name of the call	Type of call	Application opening date	Application closing date	Description/expected outcomes	More information
ONGOING					
ECOCIRC 2018-2020 - Circular Economy and Waste Valorization	PIA	09/02/2018	17/06/2019	Increase the French economic growth potential through the ecological transition. The call aims at developing technological and/or organizational innovations + industrial solutions to improve the creation of products and services that respect resources and have limited impacts on the environment. The call encompasses a component that promotes projects related to plastic wastes management and recycling.	https://appelsaprojets.ademe.fr/aap/ECOCIRC2018-20#resultats
ADEME AAC Theses 2019	ADEME National Call	-	01/04/2019	The ADEME Theses Program aims at encouraging researches that support ecological transition. 50 theses will be selected. This program supports, among other themes, theses related to circular economy and pollution. The 2019 edition is expecting works on plastics, micro plastics and theses which focus on the development of alternative materials and the improvement of end-of-life products management.	https://appelsaprojets.ademe.fr/aap/AAC%20Th%C3%A8ses2019-17#resultats
Implementation of Incentive Pricing in Region Occitanie	ADEME Regional Call - Occitanie	-	29/03/2019	Incentive-based pricing ("polluter pays" base/financial incentive) to encourage eco-friendly behaviors. ADEME provides local authorities with funding to implement Incentive Pricing and help citizens to reduce, collect and manage their waste. This call targets territorial collectivities in Region Occitanie and aims at supporting feasibility studies, the effective implementation of the IP, and the improvement of already existing IP.	https://occitanie.ademe.fr/sites/default/files/aap-tarification-incitative-occitanie.pdf

Sources, distribution and impact of micro plastics in the marine environment	JPI Oceans International Call	26/11/2018	28/02/2019	Increase knowledge about the relevant sources of micro plastics, analytical methods for identifying smaller micro- and (nano)-plastics, monitoring their distribution and abundance in marine systems and their effects thereon as well as concepts to reduce inputs of plastic into the marine environment.	http://www.agence-nationale-recherche.fr/financer-votre-projet/appels-ouverts/appel-detail0/appel-a-projets-internationaux-de-la-jpi-oceans-sources-distribution-et-impact-des-microplastiques-dans-lenvironnement-marin-2018/
ERAMIN - Raw materials for sustainable development and circular economy	ERA-MIN Joint Call 2018	31/10/2018	31/01/2019	Needs-driven research on non-energy, non-agricultural raw materials addressing one or several areas of the circular economy. Proposals should deliver convincing arguments on the potential impact of their innovation and research on the efficient supply, processing and use of raw materials.	https://www.era-min.eu/sites/default/files/docs/call_text_2018_revised_17dec_0.pdf
RECENTLY CLOSED					
Plastics and micro plastics in aquatic environments	CNRS call	-	11/01/2019	Crosscutting approach to study the life cycle of plastics, micro- and nano-plastics, from their creation, transport in aquatic environments, and their biotic and abiotic impact on ecosystems' functioning. The call also aims at focusing on plastics' eco-toxicology on living organism functions and on societal challenges linked to plastic pollution that raise complex policy questions at both local and international scale.	http://www.cnrs.fr/mi/spip.php?article1446
IDFEC2018 - Circular economy and litters	ADEME Regional Call - Ile-de-France	30/11/2018	18/12/2018	Circular economy: preserve resources and limit their impact on environment through recycling. Focus on litters. Aims at accelerating the identification and realization of projects while enabling organizational synergies between different regional stakeholders.	https://appelsaprojets.ademe.fr/aap/IDFEC20182018-105-1#resultats
Sustainable Development School Trophies	Regional Call - Collectivité de Corse	12/11/2018	14/12/2018	Encourage Corsica pupils (pre-school, primary school, college) to lead projects related to the 17 Sustainable Development Goals. Objective: allow schools to raise awareness on sustainable development while achieving pedagogical projects. To realize their project, supported by experts, participants will have the opportunity to take part in different activities related to sustainable development. Some of these activities will focus on plastic litters and aquatic ecosystems' preservation .	https://www.isula.corsica/assamblea/docs/201802331-annexe-2-Appel-a-projets-Trophees-du-developpement-durable-2018-2019-appel-a-projets.pdf

FILIDECHET 2019 - Prevention and Development of innovative sectors to promote the value of economic activities' litters	Regional Call - Provence-Alpes-Côte d'Azur	10/09/2018	03/12/2018	Circular economy, give a second life to litters and use them as resources. The call aims at protecting environment while creating new jobs. It targets companies, associations, collectivities and all structures operating in economic sector of PACA. The call belongs to a broader context: PACA regional plan on 'Zero Plastic waste in the Med by 2030'.	https://www.maregionsud.fr/uploads/media/AAP_FILIDECHET_2019_VF.pdf
Regional strategy development to raise awareness on coastal wastes in Occitanie	Regional Call – Occitanie	20/07/2018	15/10/2018	The call aims at developing a regional strategy for raising awareness and communication to mitigate coastal wastes' impacts. It aims at preserving natural ecosystems and touristic places. The call targets collectivities and/or associations. The priority is given to multiple partnerships. Selected projects will be known beginning 2019.	https://www.laregion.fr/Appel-a-projets-Developpement-d-une-strategie-regionale-de
Targeted project on plastic pollution	Interreg – France (Channel) England Program	-	09/09/2018	Going beyond recycling. Focus on the recovery, the removal and reduction of plastics at all levels of society and regulating plastics more comprehensively from production to disposal. Inscription is closed for organizations interested in the project. Partnership has been confirmed and stakeholders are now drafting the application form with Interreg FCE Program's help. Submission of application form is planned for April 2019, and the decision on project approval will be known in July 2019.	https://www.channelmanche.com/assets/Uploads/Targeted-Projects-Plastic-Pollution.pdf
Protection of the Mediterranean from plastic litters	Regional Call - Provence-Alpes-Côte d'Azur	-	15/05/2018	Decontamination fund. The call supports 4 types of initiatives: - Reduction of plastic pollution produced by mobile catering; - Innovative operations to clean the coast (new tools, new process); - integrated approaches to protect watershed basins and coastlines from wastes spreading and wild garbage dump; - Operations that establish responsive protocols of depollution and manage rivers' wastes after storms or bad weather, in order to avoid their spread in marine environment. Targets: PACA stakeholders involved in the management of natural, terrestrial or aquatic environments. Excluded: operations aiming at diminishing pollution produced by maritime economic activities (ports, fisheries, and aquaculture).	https://www.maregionsud.fr/uploads/media/AAP_FONDS_DEPOLLUTION_PDF_MARS_2018.pdf

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