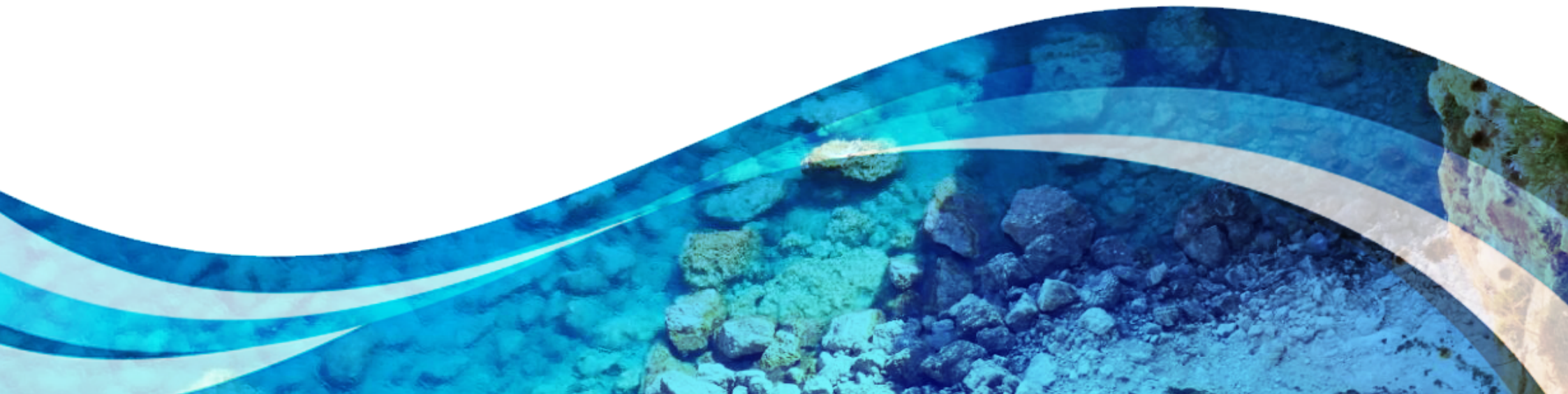




BlueMed Pilot Action For a plastic-free, healthy Mediterranean Sea

Mapping of initiatives – National Hubs TURKEY

[Extract from the DRAFT SUMMARY REPORT, BLUEMED Pilot: For a Plastic-free, Healthy Mediterranean Sea
(Tuesday 12 March 2019, 9:00 – 17:00, Room: CDMA -1/44, Rue du Champ de Mars 21, Brussels, Belgium)]



Turkey

Please find below the existing METU, Turkey initiatives which illustrate potential for a bigger , bolder and well co-ordinated programme at local , national and regional sea basin level. A pilot project is presented below the Table.

	Name of the action	Partner responsible	Type of action ¹	Area of application ²	Related Projects / Initiatives ³	Expected results
1	“I know and protect my sea” K12 environmental awareness education program	METU, Mersin Greater Municipality	Educational marine environmental awareness training to primarily protect marine biodiversity and to decrease littering	National, several cities throughout Turkey	https://www.facebook.com/denizimitaniyorum , continuing for the last 7 years	Increased awareness of littering impacts in school pupils as our future generations /knowledge transfer between participating partners
2	Identification of litter sources from beaches along the northeastern Mediterranean	METU, Mersin Greater Municipality	environmental assessment, local governance	Local for Mersin Greater Municipality	National project; continuing for the last 4 years	Prevention of litter after determining its source and characteristics

¹ list of options: e.g. dissemination / awareness raising; environmental assessment and impact evaluation; governance; new technologies / new materials; recycling; other?

² e.g. whole country, specific watersheds or regions, waters and seafloors, specific areas

³ usually the action is not new, but is part of a wider on going project / initiative

	Name of the action	Partner responsible	Type of action ¹	Area of application ²	Related Projects / Initiatives ³	Expected results
3	Impact of microplastics on zooplankton species	METU, Istanbul University	environmental assessment,	National governmental institutions and municipalities responsible for dealing with litter	Several national projects, supported by TUBITAK and Universities, continuing for the last 2 years	Investigation of the effects of microplastics on the metabolism and genetics of several zooplankton species
4	Microplastics sourced from waste water treatment facilities (WWTP) and development of preventative technology	Mersin University assisted by METU	environmental assessment and new technologies	National governmental institutions and municipalities responsible for dealing with litter	National project, continuing for the last 2 years	Assessment of the contribution of WWTPs to the microplastics pool of the marine waters of Turkey in order to promote development of technologies to decrease their microplastics load reaching to the sea
5	Modeling the microplastic loads from riverine sources to the Marmara Sea	Bogaziçi University assisted by METU	environmental assessment	Northern Marmara region	University research project, Ongoing	To understand the role of rivers with respect to microplastic load to the sea

	Name of the action	Partner responsible	Type of action ¹	Area of application ²	Related Projects / Initiatives ³	Expected results
6	Riverine and Marine floating macro litter Monitoring and Modelling of Environmental Loading (RIMMEL)	32 institutions covering rivers from 15 EU and non-EU countries in the four European Regional Seas, including METU	environmental assessment, European governance	European seas	http://mcc.jrc.ec.europa.eu/dev.py?N=simple&O=380&title_page=RIMMEL	Quantifying floating macro litter loads through rivers to EU marine waters
7	State of recycling system and cost/benefit of alternative systems analysis	WWF-Turkey supported by several stakeholders including METU	Assessment, national governance	National	Ongoing	Improvement of current recycling systems in Turkey
8	Wood Plastic Composites Extrusion, a new kind of wood-plastics composite process	Turkish SME Galiboff supported by METU	New technology,	National, circular economy,	TUBITAK-KOSGEB Project, Turkey; www.galiboff.com	Innovative production of new materials from used plastics

	Name of the action	Partner responsible	Type of action¹	Area of application²	Related Projects / Initiatives³	Expected results
9	Development of innovative methods to clean-up marine litter in Mersin harbours	Mersin Greater Municipality assisted by METU	New technology	Local, Mersin, Turkey	Submitted to Turkish Development Agency	Cleaning of marine litter from Mersin harbour to support better tourism activities
10	Assessment of microlitter present in the sea surface, sediment, beaches and fish species from the Turkish aquatic environment	METU, Ministry of Environment and Urbanisation of Turkey, TUBITAK, and several Universities in Turkey	environmental assessment / national governance	National, including the four seas in the eastern Mediterranean	Several national projects, supported by TUBITAK and Ministry of Environment and Urbanisation of Turkey, continuing for the last 4 years	To provide up-to-date knowledge and assessment from levels and sources of plastics to base governance.
11	Providing expertise to the Ministry of Environment and Urbanisation for the Barcelona and Bucharest Conventions to decrease litter in the Mediterranean and Black Seas	METU, Ministry of Environment and Urbanisation	Governance, monitoring	National	Ongoing since 2018	Realisation of a plastic free Mediterranean and Black Sea; developing indicators for the Barcelona Convention

	Name of the action	Partner responsible	Type of action ¹	Area of application ²	Related Projects / Initiatives ³	Expected results
12	National meeting on microplastics in aquatic environments of Turkey	Ministry of Agriculture and Forestry supported by METU, involving all stakeholders	Governance, assessment	National	May 2019	To assess the extent of the microplastic problem and the development of effective management strategies
13	Zero litter campaign	Ministry of Environment and Urbanisation	Governance	National; http://sifiratik.gov.tr	Ongoing since 2018	For recycling entire litter in governmental offices and in certain public places (schools, shopping malls, harbours, hotels etc) in selected cities in Turkey
14	Introduction of fee for single-use plastics bag	Ministry of Environment and Urbanisation	Governance	National	Ongoing since 1st Jan 2019	For decreasing plastic bag pollution for all over Turkey
15	Recycling of plastics in municipal waste	Karabuk University, Ondokuz Mayıs University	Research	National		For recycling plastics in waste in waste in Turkey

	Name of the action	Partner responsible	Type of action¹	Area of application²	Related Projects / Initiatives³	Expected results
16	Recycling of recycled polyethylene and polypropylene	Pamukkale University	Research	National		For recycling plastics in Turkey
17	PET fiber production	Uludağ University	Research	National		For recycling plastics in Turkey
18	Microplastics pollution in table salts	Cukurova University	Research	National		For assessing micplastics in Turkish salts

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