

GREENERMED

ANNEX 2.2 AXIS 2

List of GreenerMed Supporting Projects, Programmes and Initiatives

Axis 2

Agenda

Prevent and reduce pollution on land, sea and air

#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
1	BlueMed	BlueMed Pilot Ac- tion on A Healthy Plastic-Free Medi- terranean Sea	Mapping and assessing the actions on place regarding marine plastic pollution in the EU and non-EU countries of the Mediterranean area to promote the circulation of good practices, R&I actions but also demonstration, communication and educations actions specifically addressed to face the challenges posed by marine litter in the Mediterranean Sea as a whole. 4 pillars:	N/A	DZ, EG, FR, IL, IT, MA, ES, TN, TR
			Key enabling knowledge for the Med (ecosystems, dynamics, pollution, coastal areas); Enabling technology and capacity creation for the Med (transport, observing systems, off- shore platforms, cultural heritage); Key sec- toral enablers in the Med (tourism, clusters, MSP, bioresources,); Cross-cutting enablers for blue jobs and blue growth (open science, skills)		
2	BMU	TouMaLi	The project addresses the challenges posed by tourism-related marine debris. One of the main project goals is to decrease tourism-re- lated beach pollution in the project region. Therefore, the project investigates the quantities and main sources of marine litter in tourism destinations and provides sustainable solutions considering the development of a legal framework, organizational structures, financial tools and technical approaches in the TouMaLi countries.	2024	EG, MA, TN
3	CBC	COMMON	Coastal Management and Monitoring Network for tackling marine litter in Mediterranean Sea. The COMMON project will apply the Inte- grated Coastal Zone Management (ICZM) principles to the challenge of marine litter, improving knowledge of the phenomenon, enhancing the environmental performance of 5 pilot coastal areas in Italy, Tunisia and Lebanon, and engaging local stakeholders in marine litter management.	2022	IT, LB, TN
4	CBC	CEOMED	Reduce municipal waste generation, promote source-separated collection and the optimal exploitation of the organic component by re- covering energy and recycling nutrients. Design of new waste management plans in the cities of Amman and Sfax which focus and ad- dress separately the waste produced from fruits and vegetables wholesale markets.	2022	EL, IT, ES, TN
5	CBC	CLIMA	The CLIMA project, and its regional platform of Italian, Tunisian and Lebanese municipalities, public agencies and NGOs, aims to cope with environmental, economic and social problems of organic waste mismanagement in three Mediterranean countries, developing policy tools like integrated Municipal Waste Management Plans, innovative technical solutions such as the compost drum and two improved pilot compost sites. At the same time, the project will support local businesses active in the circular economy sector, as well as information and advocacy campaigns to change citizens' attitude towards zero waste paradigm. Through the project, around 80,000 citizens in 3 municipalities will benefit from the reduction of waste production due to the increase of treated organic waste.	2022	IT, LB, TN
6	CBC	DECOST	DECOST aims to develop a new framework of waste management, building a closed-loop system of organic waste valorisation, integrat- ing decentralised home and community composting systems with urban agriculture.	2022	IL, IT, PS, ES
7	CBC	MED-INA	The MED-InA project proposes to develop and roll out a methodology for a "Zero Waste" public policy adapted to Mediterranean cities as an exemplary and participatory approach for waste reduction, reuse and recycling. The Zero Waste approach offers an alternative option and aims to reduce the amount of waste sent to landfills or incinerators through waste prevention, reuse, recycling and development of local activities. To adapt this ambitious approach to the Mediterranean context, the MED-InA project will develop a methodology co-de- signed by the partners, based on a wide consultation with local stakeholders (public, private, associations, citizens) and territorial coor- dination. It will place the citizens at the heart of the process and will strongly value a "low tech-low cost" approach by promoting in the South and reintegrating in the North traditional practices that generate little quantity of waste.	2022	FR, LB, ES, TN

#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
8	CBC	SIRCLES - Support for Circular Econ- omy Opportunities for Employment and Social Inclu- sion	SIRCLES partners want to explore new employment opportunities by applying the circular economy model applied to the biowaste sector. The project will mainly focus on developing new capacities oriented to business development and separation, collection, composting and agriculture processes. The training will be tested through 7 pilot projects that address the hotel, food retail and household sectors, adjusted to the diverse local contexts of each territory involved in the project. Consequently, SIRCLES will contribute to the creation of green jobs by involving the most vulnerable sectors of the population and supporting environmental sustainability.	2023	EG, IT, JO, LB, PS, ES, TN
9	CBC	Med4Waste	 Med4Waste aims tofacilitate new governance models for integrated and efficient urban waste management policies across the Mediterranean through: building and improving existing knowledge to foster capitalisation of social innovative, integrated and efficient practices from public, private and social sectors in WM across the MSB, with special focus on waste prevention, circular economy practices and on the organic component offering guidance and training for public administration and relevant private and social stakeholders, to apply transferring actions and exploitation measures and to support planning, adapting and re-addressing of waste management plans, policies and other manaement actions and normative drivers (regulations, financial plans, service contracts) supporting dissemination of the key results and increase awareness among key stakeholders, promote cross-border and cross-sectorial networking, and foster long-term commitment of decision and policy makers to promote an environmental, socio-economic and institutional transition towards green growth in MSB. 	2023	EL, IT, JO, LB, ES, TN
10	CBC	REUSEMED	Mediterranean Basin Reuses aims to contribute to environmental protection in the Mediterranean area through the reduction of all frac- tions of municipal waste, via reuse networks, sociological changes in the consumption patterns and improved waste management pol- icies. REUSEMED proposes to create municipal networks based on reuse circuits for home appliances, furniture, books, clothes, Waste Electrical & Electronic Equipment and food. To set up the networks, 4 cities in Spain, Italy, Jordan and Tunisia will design and test com- posting installations, food collection points in markets, repair and reuse centres, reuse corners in shops and repairing cafés.	2022	IT, JO, ES, TN
11	CBC	Plastic Busters CAP	Fostering knowledge transfer to tackle marine litter in the Med by integrating EbA into ICZM enhance and transfer knowledge, experience and best practice tools that address the entire management cycle of marine litter from monitoring and assessment to prevention and mitigation, towards an integrated and strategic approach that couples Ecosystem-based management and ICZM into local development planning.	2023	EG, EL, IT, JO, LB, ES, TN
12	ENI South	WES	 Water and Environment Support in the ENI Southern Neighbourhood region. The project's purpose is to contribute to increase the capacity of various stakeholders involved in pollution reduction and water management in order to support them in formulating and implementing the environmental and water policies. It will be building on the experience gained through the predecessor projects, the "Sustainable Water Integrated Management and Horizon 2020 Support Mechanism" (SWIM-H2020 SM) project 2016-2019 and the "Sustainable Water Integrated Management Support Mechanism (SWIM SM) project 2010-2015. Regional activities will be comprising of Regional Trainings, Peer-to-Peer exchanges, Webinars, Study Tours, on: Topic 1: Plastic Pollution & Marine Litter Topic 2: Circular Economy (Support the shift to sustainable consumption and production; Waste management schemes and streams) Topic 3: Prevention & Reduction of Pollution from Industrial Sector Topic 4: Mainstreaming & Implementing Integrated Environmental Management 	2023	DZ, EG, IL, LB, MA, PS, TN

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
13	GEF	Mediterranean Sea Programme (Med- Programme): Enhancing Envi- ronmental Security - CP1.1: Reducing Pollution from harmful Chemi- cals and Wastes in Mediterranean Hot Spots and Mea- suring Progress to Impacts	 Focus on promoting the prevention of the use of toxic chemicals, instead of the more traditional approach to management (waste, disposal,). It will address: PFOS (perfluorooctane sulfonic acid) - SCP/RAC will target Civil Defense and public firefighting organizations, as these are the single largest users of PFOS foams; and also due to the direct application of large volumes of foams directly onto soil and surface waters. HBCD (Hexabromocyclododecane) - SCP/RAC will target importers of EPS/XPS pellets and manufacturers of EPS/XPS insulation panels and architects, engineers, financiers and standard setting and procurement bodies who may have a role in setting specifications for building developments. SCCP (short-chain chlorinated paraffins) - SCP/RAC will target the whole sector of PVC production in Lebanon, which is known to use large quantities of chlorinated paraffins, used in sectors such as paints and sealants, metal working fluids, lubricants and rubber. 	N/A	LB, MA, TN
14	GIZ	Integrated Waste Management and Marine Litter Prevention in the Western Balkans	Local and national stakeholders in waste and recycling management in Albania, Bosnia and Herzegovina and Montenegro are identifying the causes and effects of water pollution. They are reducing the amounts of waste that enter the Mediterranean Sea and contributory rivers.	2022	AL, BA, ME
15	H2020	ODYSSEA	European Union funded program whose purpose is to "develop, operate and demonstrate an interoperable and cost-effective platform that fully integrates networks of observing and forecasting systems across the Mediterranean basin, addressing both the open sea and the coastal zone". The platform will collect its data from the many databases maintained by agencies, public authorities, and institutions of Mediterranean EU and non-EU countries, integrating existing earth observation facilities and networks in the Mediterranean Sea building on key initiatives such as Copernicus, GEOSS, GOOS, EMODNet, ESFRI, Lifewatch, Med-OBIS, GBIF, AquaMaps, Marine IBA e-atlas, MAPAMED and others with marine and maritime links. ODYSSEA will improve accessibility to existing data as well as increase the temporal and geographic coverage of observational data in the Mediterranean.	2021	DZ, EG, FR, EL, IL, IT, MC, PT, ES, TN, TR
16	H2020	HYDROUSA	HYDROUSA will provide innovative, regenerative and circular solutions for (1) nature-based water management of Mediterranean coast- al areas, closing water loops; (2) nutrient management, boosting the agricultural and energy profile; and (3) local economies, based on circular value chains. The services provided lead to a win-win-win situation for the economy, environment and community within the wa- ter-energy-food-employment nexus.	2022	CY, EG, FR, EL, IT, ES
17	H2020	CLAIM	Cleaning Litter by developing and Applying Innovative Methods in European Seas - focuses on the development of innovative cleaning technologies and approaches, targeting the prevention and in situ management of visible and invisible marine litter in the Mediterranean and Baltic Sea. Two innovative technological methods will be developed, a photocatalytic nanocoating device for cleaning microplastics in wastewater treatment plants and a small-scale thermal treatment device for energy recovery from collected litter on board ships and ports. An innovative floating boom for collecting visible litter and a method to measure micro-litter on board ships (Ferrybox) will be developed. The proposed cleaning technologies and approaches prevent litter from entering the sea at two main source points, i.e. wastewater treatment plants and river mouths. Effectiveness of developed devices and methods will be demonstrated under real conditions.	2022	FR, EL, IT, LB, PT, ES, TN

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
18	Interreg Med	BlueMed PLUS	BlueMed PLUS builds on the perspective of capitalizing on relevant experiences, outputs, and results of the BlueMed project. In doing so it takes advantage of one of the main outputs of BlueMed – the Roadmap and Action Plan for taking up its multidisciplinary model, which distils the accumulated tacit knowledge, the knowhow, and most other outputs of the completed project. The chief objective of the new BlueMed PLUS project is to "transfer" the Roadmap and the Action Plan to new Med territorial "receivers", through a process that supports knowledge systematization and decision-making and facilitates territorial uptake and ownership.	2022	AL, IT, ME
19	Interreg Med (biodiversity protection)	Plastic Busters MPAs	Aims to maintain biodiversity and preserve natural ecosystems in pelagic and coastal marine protected areas by consolidating Mediter- ranean efforts against marine litter. The project entails actions addressing the whole management cycle of marine litter, from monitoring and assessment to prevention and mitigation; it also foresees actions to strengthen networking between and among coastal and pelagic MPAs in the Mediterranean.	2022	AL, HR, FR, IT, MC, ES
20	Interreg Med (biodiversity protection)	ACT4LITTER	The project identified effective and feasible prevention measures to tackle marine litter in the Mediterranean Protected Areas (MPAs) through the development of an appropriate decision-making tool (dmtmarinelitter.com), able to assess the effectiveness of such measures.	2022	FR, EL, IT, ES
21	Interreg Med (biodiversity protection)	MEDSEALITTER	The aim of the project was to define and adopt the right measures to develop cost-effective protocols, to monitor and manage the litter impact on the biodiversity of the Mediterranean Sea. This action involved Marine Protected Areas (MPAs), scientific organisations and environmental NGOs. The project has defined the fundamental scientific elements on which the protocols about the monitoring of floating marine macro litter and their ingestion were developed, and then signed and ratified.	2022	FR, EL, IT, ES
22	Interreg Med (green growth)	REINWASTE	Identification and testing of solutions to optimise the use of bio-based packaging materials and to redesign products and processes in the dairy, meat and horticulture sectors (mapping of Best Available Technologies (BATs) and Key Enabling Technologies (KETs).	2022	BA, FR, IT, ES
23	Interreg Med (green growth)	RE-LIVE WASTE	Testing of innovative solutions for livestock waste management, taking into account technical, environmental, economic and legal aspects (4 demonstrative plants). Policy guidelines to stimulate innovation adoption and to set-up a common suitable legal framework regarding livestock waste management.	2022	BA, FR, IT, ES
24	Interreg Med (sustainable tourism)	BLUEISLANDS	It aimed to develop effective ways to identify, address and mitigate the impact of the seasonal variation of waste generated on Mediter- ranean islands. During the first year, it measured the correlation of tourism and waste generation, through analysis of micro-plastics and marine litter on 18 selected beaches, and an investigation of the quality of coastal seawater through short-term macro algae deploy- ments. The project subsequently developed action plans for each of the 9 partner islands to promote sustainable tourism and circular economy loops, to support the implementation of seasonal waste variation management plans, coordinating institutional partners and involving the food service industry and other waste/sewage/water treatment operators. The project also released a Waste Management Handbook gathering good practices implemented in Mediterranean islands.	2022	HR, FR, EL, IT, MT, ES
25	Interreg Med (sustainable tourism)	CONSUME-LESS	It aimed to contribute to sustainable water, energy and waste management with particu-lar focus on the reduction in the consumption of water and energy as well as waste reduction through prevention of waste generation in the tourism sector. The project foresaw the cre- ation of a "Consume-Less" label as an indication that environmental concerns could be translated into tourism market advantages. The idea was to promote and heighten tourist awareness on certified hotels, bars and restaurants through the innovative marketing cam- paign of the Consume-Less label.	2022	AL, EL, IT, MT, ES
26	Interreg Med (sustainable tourism)	INCIRCLE	It capitalises the available knowledge and tools to test a new methodology, which applies the principles of circular economy to tourism. It focalises on the needs of islands and regions with low population density. Mo-bility, renewable energy and energy efficiency, water and waste management, improvement of the prosperity and quality of life in the com-munities: those are the policies developed by the proj- ect. Lasting and easily adaptable re-sults are expected: they will lead to concrete and testable tools and to the capacity to at-tract other funding.	2022	AL, CY, EL, IT, MT, ES

#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
27	Interreg Med (urban trans- ports)	SUMPORT	The project tackled the issue of congestion and air pollution in port cities, aggravated by port-originated traffic, by providing sustainable alternatives to individual car transport. Pilot actions were launched in the participating port cities, to elaborate, update or harmonize their own Sustainable Urban Mobility Plans (SUMPs): as a result, they tested carpooling, bike network extensions and new bikes lines, SUMPs updates, bike and e-bikes sharing, and also a simulation of a maritime public transport system.	2022	AL, CY, EL, IT, ME, SL, ES
28	PRIMA	TRANSITION	InnovaTive Resilient fArmiNg Systems in MedITerranean envIrONments - The goal of TRANSITION is to pave the way for a transition to- wards resilient agriculture in the Mediterrnean, maximising the net positive impact on the environment, while increasing resilience of agroecosystems, rural societies and return on assets of farmers. This is done by analysing the most relevant innovative solutions in resilient agroforestry and mixed farming systems using a participatory approach. TRANSITION will i) identify appropriate strategies for adoption to improve resilience of the agriculture sector, including using locally-adapted genetic resources, unconventional water reuse and soil protection strategies, ii) establish what are the environmental and socio-economic barriers to resilient agriculture implemen- tation, iii) quantify the system productivity and delivery of ecosystem services of existing systems and co-designed and replicable case studies and their effect on farmers' livelihoods, iv) empower the expansion of agroforestry and mixed farming systems through practical innovation and knowledge exchange and v) provide robust information which is useful to administration in terms of measurable impacts and possible transition scenarios which maximise ecological services delivery and resilience of key Mediterranean cropping systems.	2024	DZ, EG, FR, EL, IT, ES
29	PRIMA	ISFERALDA	Improving soil fertility in arid and semi-arid regions using local date palm residues - The project aims at developing the use of organic amendments based on local agriculture wastes, and more specifically the date palm residues (and optionally other vegetal or animal residues or mineral compounds), as a key tool in land restoration.	2024	DZ, FR, EL, TN
30	PRIMA	FISHFOTOCAT	Photocatalytic water remediation for sustainable fish farming - FISHFOTOCAT aims to develop an easy friendly technology based on a photocatalytic bioremediation technology on two fish farms in a confined environment, to develop water recirculation for more sustainable production systems. To achieve these goals, a photocatalytic treatment system will be applied to two aquaculture specie, Rainbow trout (Oncorhynchus mykiss) and Gilthead seabream (Sparus aurata),in order to test its efficiency in freshwater and seawater systems.	2023	EG, IT, TN
31	PRIMA	RESIDUE	Risk reduction of chemical residues in soils and crops – impact due to wastewater used for irrigation - The goal of the project is to enhance food quality/security by an evaluation of the risks associated with agricultural techniques, using sewage sludge for soil fertilisation and treated wastewater for irrigation. Associated contaminants may reach the soils and plants, representing a risk to the consumer. In the project, we develop an improved treatment of waste materials prior to spreading based on biochar techniques. We study the fate and distribution of selected relevant contaminants from treatment of the waste materials until crop harvest.	2023	IL, IT, ES

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