UfM 2030GreenerMed Agenda

GREENERMED

ANNEX 2.2

AXIS 2

List of GreenerMed Supporting Projects, Programmes and Initiatives

Annex 2.2

Axis 2 | Prevent and reduce pollution on land, sea and air

#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
1	BMU	TouMaLi	The project addresses the challenges posed by tourism-related marine debris. One of the main project goals is to decrease tourism-related 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.	2025	EG, MA, TN
2	CBC	COMMON	Coastal Management and Monitoring Network for tackling marine litter in Mediterranean Sea. The COMMON project will apply the Integrated 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
3	CBC	CEOMED	Reduce municipal waste generation, promote source-separated collection and the optimal exploitation of the organic component by recovering energy and recycling nutrients. Design of new waste management plans in the cities of Amman and Sfax which focus and address separately the waste produced from fruits and vegetables wholesale markets.	2022	EL, IT, ES, TN
4	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
5	CBC	DECOST	DECOST aims to develop a new framework of waste management, building a closed-loop system of organic waste valorisation, integrating decentralised home and community composting systems with urban agriculture.	2022	IL, IT, PS, ES

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
6	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-designed by the partners, based on a wide consultation with local stakeholders (public, private, associations, citizens) and territorial coordination. 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
7	CBC	SIRCLES - Support for Circular Economy Opportunities for Employment and Social Inclusion	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
8	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,	2023	EL, IT, JO, LB, ES, TN

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
			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.		
9	CBC	REUSEMED	Mediterranean Basin Reuses aims to contribute to environmental protection in the Mediterranean area through the reduction of all fractions of municipal waste, via reuse networks, sociological changes in the consumption patterns and improved waste management policies. 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 composting installations, food collection points in markets, repair and reuse centres, reuse corners in shops and repairing cafés.	2022	IT, JO, ES, TN
10	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
11	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:	2023	DZ, EG, IL, LB, MA, PS, TN

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
			• 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		
12	GEF	Mediterranean Sea Programme (MedProgramme): Enhancing Environmental Security - CP1.1: Reducing Pollution from harmful Chemicals and Wastes in Mediterranean Hot Spots and Measuring 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
13	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
14	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	2021	DZ, EG, FR, EL, IL, IT, MC, PT, ES, TN, TR

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
			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.		
15	H2020	HYDROUSA	HYDROUSA will provide innovative, regenerative and circular solutions for (1) nature-based water management of Mediterranean coastal 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 water-energy-food-employment nexus.	2022	CY, EG, FR, EL, IT, ES
16	H2020	BlueMed Pilot Action on A Healthy Plastic-Free Mediterranean 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: 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 sectoral enablers in the Med (tourism, clusters, MSP, bioresources, ...); Cross-cutting enablers for blue jobs and blue growth (open science, skills...)	N/A	DZ, EG, FR, IL, IT, MA, ES, TN, TR
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	2022	FR, EL, IT, LB, PT, ES, TN

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			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.		
18	Horizon Europe	REMEDIES	The project is built around the three main pillars of monitoring plastic litter, its collection and valorisation and, of course, the prevention of the distribution of non-degradable plastics. Activation and necessary participation of citizens affected by plastic pollution directly on the shorelines - We will guide them to becoming plastic entrepreneurs. We plan to employ 4 breakthrough innovations per pillar (monitoring, collection, prevention) that are neatly interwoven. We will test these solutions in 8 demonstration sites in 8 Mediterranean countries and after validation, scale them up in 33 more sites with the potential to be launched across the whole Mediterranean. In parallel we will run two open calls to third parties to attract more solutions for implementation. All-in-all, we plan to map out 170 km2 for plastic litter, reach circa 100,000 citizens, collect around 400 tons of plastic waste, and build up plastic prevention pathways through scaling and replication for an equivalent of 3,700 tons of plastic.	2026	AL, HR, FR, EL, IT, MA, SL, ES
19	Horizon Europe	SeaClear2.0	The project aims to address the full cycle of marine litter, towards the Mission to restore, protect and preserve the health of our oceans, seas and waters by 2030. To this end, we aim to prevent and reduce marine litter pollution, particularly plastics and microplastics, in the Mediterranean via (i) Community activation, citizen empowerment, and participatory practices; (ii) Scaling up and demonstrating the SeaClear2.0 system; (iii) Providing solutions for valorisation of the collected litter via better sorting and recycling; (iv) Adding novel dimensions in policy making and (v) Accelerating the uptake of our solution by demonstrating its scalability and replicability to the Mediterranean basin and beyond.	2026	HR, CY, FR, IL, IT, ES

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20	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
21	Interreg Med (biodiversity protection)	Plastic Busters MPAs	Aims to maintain biodiversity and preserve natural ecosystems in pelagic and coastal marine protected areas by consolidating Mediterranean 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
22	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
23	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
24	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

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25	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
26	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 Mediterranean 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 deployments. 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
27	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 creation 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 campaign of the Consume-Less label.	2022	AL, EL, IT, MT, ES
28	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	2022	AL, CY, EL, IT, MT, ES

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#	INITIATIVE	PROJECT NAME	SHORT DESCRIPTION	RUNNING UP TO (YEAR)	COUNTRIES INVOLVED
			project. 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.		
29	Interreg Med (urban transports)	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
30	PRIMA	TRANSITION	InnovaTive Resilient fArmiNg Systems in MedITerranean envIrONments - The goal of TRANSITION is to pave the way for a transition towards 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 implementation, 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
31	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

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32	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
33	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
34	PRIMA	MedInCircle	MedInCircle (Future-proofing the Mediterranean agri-food chain through integrated and circular management of contaminant-safe water, nutrients and bioresources) aims at advancing the state of the art of the circular management of water, nutrients and bioresources, fostering the transition towards a more sustainable and resilient agri-food chain. It pursues the development of a modular technological platform targeting the on-site treatment, recovery and valorisation of water, wastewater and solid waste arising from typical Mediterranean agri-food activities.	2026	EG, FR, IT, TR
35	PRIMA	FUNZYbio	The main goal of the FUNZYbio project is to provide the proof-of-concept for novel biotechnologies for the treatment of livestock residues: manure and anaerobic digestates of livestock slurries, for (i) allowing safe reuse of water and organic matter for agriculture, (ii) exploiting this potential for soil health and durability and (iii) limiting their adverse environmental effect as potential sources of salinization and pollution, such as from antibiotics (ABs).	2026	FR, IT, MA, ES, TN

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36	PRIMA	MAEWA	MAEWA (Mitigation of Agricultural effects in Mediterranean soils and wetlands: bioremediation technologies, environmental and economic benefits)	2026	DZ, EG, FR, MA, PT, TN
37	PRIMA	NPP-Soil	Modelling And Technological Tools To Prevent Surface And Ground-Water Bodies From Agricultural Non-Point Source Pollution Under Mediterranean Conditions	2026	FR, IL, IT, MA, ES
38	PRIMA	PROMEDRICE	Effective farming practices to protect water resources in Mediterranean rice-based agroecosystems	2026	EG, IT, MA, PT, ES, TR
39	PRIMA	Safe-H2O Farm	Innovative farm strategies that integrate sustainable N fertilization, water management and pest control to reduce water and soil pollution and salinization in the Mediterranean	2026	HR, CY, IL, IT, ES, TR
40	PRIMA	TeleNitro	New low-cost strategies of crop based on biodiversity and remote sensing to reduce the application of nitrogen fertilizers in the Mediterranean area	2026	IT, MA, ES, TN
41	PRIMA	SWRIPS	Sustainable Water Re-use with Innovative Purification and Sensing system for the agri-food supply chain	2026	DZ, EG, FR, IT, ES, TN
42	Horizon Europe	BlueMissionMed	The project proposes to set up, structure and empower a MED Lighthouse supporting the development and deployment of transformative innovative technological, social, business and governance solutions for ensuring a 30-50% reduction of pollution of the basin hydrosphere by 2030. It will be an interactive multi-actor digital platform able to offer to all MED Countries/Regions and stakeholders to access the necessary knowledge and tools. It will build on, connect and structure existing initiatives and activities, including the 9 Pilot BLUEMED on plastics free healthy MED and will exploit the R&I and policy knowledge generated by the funded projects/initiatives on the MED decontamination and restoration, ultimately promoting basin-wide cooperation, commitment and deployment of solutions addressing the Mission objectives.	2023	FR, EL, IT, MT, ES, TN, TR
43	Interreg Euro-Med	CARBON 4 SOIL QUALITY	Proposed project will prepare scientific foundations for reducing CO2 in the air and storing it into the soil, using SUSTAINABLE SOIL MANAGEMENT, called "CARBON FARMING". Since carbon farming is innovative topic in EU (policy emerged in 2021), there is an urgent need to quickly define standards, monitoring procedures and socio-economic models to test carbon farming in future. CARBON 4 SOIL QUALITY project will prepare "Toolbox for carbon farming" consisting of (i) Catalogue of soil organic reference values, (ii) Methodology for organic carbon	2026	EL, IT, ME, SL, ES

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			analysis and soil quality monitoring (iii), Guidelines for carbon farming techniques, (iv) carbon farming business models, (v) Recommendations on agriculture carbon credit schemes and environmental certification systems.		
44	Interreg Euro-Med	TREASURE	TREASURE's overall objective is to improve environmental quality in and around Mediterranean port areas, by mitigating and reducing sediment and water pollution. Key outputs: ACTION LINE 1: Multi-stakeholder Supporting Ecosystem for the creation and management of territorial labs, ACTION LINE 2: New approaches to environmental assessment, through application of an integrated matrix of criteria and using the Lines of Evidence approach for qualitative evaluation, ACTION LINE 3: coordinated sourcing and experimentation of novel techniques for pollution reduction in sediments and water, allowing for validation in industrially relevant conditions. This integrated approach is novel, as is our proposal for multi-stakeholder labs, our Lines of Evidence approach and our focus on novel techniques.	2026	AL, FR, EL, IT, MT, ME, ES
45	Interreg Euro-Med	GreenMo	To effectively promote low-carbon solutions, mobility hubs emerged mainly in Northern/Central Europe, aiming to concentrate public and shared travel modes while providing high-quality users' experience. However, they are developed in a different context in relation to MED people's transportation culture and habits, requiring further study and adaptation. Based on the above, the key output of the project concerns a) a joint Strategy for green and inclusive mobility hubs for MED (urban and interurban) areas after considering the vision, the pillars, the particular citizens' real needs, habits and traffic culture, and b) the description of specific objectives tailor-made for MED public authorities.	2026	BA, CY, EL, IT, MT, ES
46	Interreg Euro-Med	RENEWPORT	RENEWPORT aims to tackle this issue by supporting the clean energy transition of MED ports, turning them from emitters of pollutants and greenhouse gases to clean energy hubs by exploiting the untapped potential of renewable energy sources (RES). To achieve this, first we will develop a toolkit providing practical advice, guidance and calculation of the potential of RES use for MED ports, based on their energy needs. This will provide MED ports with a powerful solution for planning their clean energy transition. Then, project partners will test the use of RES as well as green hydrogen in different scenarios: this will not only concretely	2026	AL, HR, FR, EL, IT, ME, ES

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			improve the performance of port operations on climate change and air quality, but lessons learned will also lead to the definition of a tool for ports as clean energy hubs, a solution replicable in other ports. Finally, project partners will establish a long-term cooperation network in the domain of clean energy transition, transferring results at local, transnational and macro-regional level and at the same time building strong cooperation with other projects having a similar scope.		
47	Interreg Euro-Med	VERDEinMED	VERDEinMED will present an analytical framework to study the successful implementation of circular textile business models, identifying the needs in terms of business model innovation, technological innovation and social innovation, and the enabling conditions of policy and behavioural change. The project will show the full pallet of a threefold support service addressed to civil society, industry and policy makers indicating tailor made interventions needed for this transition. Starting with the reformation the industry to use sustainable practices, orienting the demand towards conscious consumption it will conclude by defining a policy framework to support the transition of the T/C sector towards sustainability and circularity. The ecosystem thus created will be sustained through a Green Compass integrating the creation of regional hubs, knowledge platform and support service into a single entity, bringing together experts and knowledge from different locations in order to prepare the framework for the constitution of knowledge and competence centers as a one stop shop in each region.	2026	EL, IT, MK, PT, SL, ES
48	Interreg Med	AquaBioNets	AquaBioNets accelerates the shift to sustainable aquaculture across the Mediterranean by promoting innovative, biodegradable net technologies. Building on proven EU project results, we work with public authorities, industry, researchers, civil society, and environmental actors (5-helix) in six countries — Croatia, Spain, Italy, Greece, Cyprus, and Albania — using a collaborative Living Lab approach. Our mission is to transfer eco-friendly solutions tailored to local needs by empowering stakeholders, co-creating initiatives, and shaping policies that support a resilient, bio-based future for aquaculture. AquaBioNets also enhances	2027	AL, HR, CY, EL, IT, ES

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			innovation capacities across the aquaculture value chain, ensuring long-term impact and adaptability beyond the sector and region.		
49	Horizon Europe	iMERMAID	To safeguard the Mediterranean Sea basin from contaminants for emerging concerns (CoEC), iMERMAID will integrate, coordinate, and synergize innovative preventive, monitoring, and remediation solutions. iMERMAID will build an evidence-based multidimensional framework that will guide policymaking and transform societal perceptions to reduce CoEC usage, emissions, and pollution. Furthermore, next generation sensor and remediation solutions will be developed within iMERMAID to monitor and remove prioritized chemicals from its source while reducing upstream pollution. iMERMAID builds an ideal interdisciplinary team by bringing together prominent SMEs, researchers, regulators, and innovation professionals who have been essential in improving the knowledge and awareness of CoEC. Beyond state-of-the-art techniques, iMERMAID will strive to strengthen regulations against CoEC, expand economic possibilities and competitiveness, improve the standard of living for EU residents, while preventing the accumulation of chemical pollution in the Mediterranean Sea basin.	2026	CY, FR, EL, IT, ES, TN
50	Horizon Europe	Path4Med	Water and soil nutrient pollution in the Mediterranean basin poses a grave threat to both ecosystems and human health. Intensive agricultural practices, coupled with inadequate waste management, have led to severe pollution of vital resources. This endangers biodiversity, disrupts food chains, and compromises the quality of drinking water. Addressing this crisis requires innovative and sustainable solutions. The EU-funded Path4Med project aims to tackle these issues by focusing on creating pathways to improve soil health and eliminate water and soil pollution through advanced agricultural management and new monitoring technologies. Path4Med will implement solutions at large-scale demonstration sites and use a digital platform for data exchange and public engagement. Ultimately, the project seeks to ensure a sustainable future for the Mediterranean Sea.	2028	AL, CY, FR, EL, IT, PT, ES, TR
51	Horizon Europe	RHE-MEDial	The Mediterranean Sea holds immense environmental significance, impacting numerous countries, vast populations, as well as the fauna, flora, temperatures,	2026	EL, IT, PT, TR

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			and climates of the region. Its preservation and the mitigation of pollution within it, particularly in identified hotspots, are imperative elements of our battle against climate change. This urgency has propelled a heightened interest in devising solutions to curtail heavy metal, pesticide, PFAs, and perpetual chemical pollution in both freshwater and wastewater systems before they reach the sea. With this in mind, the EU-funded RHE-MEDiation project will support policymakers in enhancing governance practices. Furthermore, the project seeks to establish a pivotal centre for managing and monitoring endeavours related to pollution.		
52	Interreg NEXT MED (ENI CBC)	EONANOBIOPS	Essential Oil-derived Next generation Nano-Biopesticides for Sustainable Eco-Friendly Agriculture - Agricultural productivity across the Mediterranean is increasingly threatened by harmful pest management practices. EONANOBIOPS, involving partners from Palestine, Tunisia, Greece, and Italy, introduces nano biopesticides from essential oils as a sustainable alternative for tomato cultivation. The project tackles cross-sectoral challenges, boosts research and innovation, and promotes advanced technologies. By improving pest control and reducing environmental impact, it supports sustainable agriculture and environmental protection in the region.	2028	EG, IT, PS, TN
53	Interreg NEXT MED (ENI CBC)	RESWATER	The RESWATER project focuses on urban water demand hotspots and will identify trends in water resources availability and water demand development to assess inherent future risks to Water Supply Security (WSS). It will develop resilient Urban Water Management Plans (UWMPs) for sustaining WSS which complement current solutions, namely centralized supply augmentation measures such as (basin-scale) sea-water desalination, the construction of dams for surface water reservoirs and/or end-of pipe wastewater treatment.	2028	EG, EL, IT, MT, ES, TN, TR
54	Interreg NEXT MED (ENI CBC)	MEDWISE	Mediterranean Waste Innovations for Sustainable Environments - The Mediterranean faces significant waste management challenges, with most municipal waste ending up in landfills. Organic waste, a valuable resource for energy and nutrients, is often contaminated and unusable. The MedWISE project aims to accelerate the transition to a circular, resource-efficient economy by sharing proven solutions. The project will focus on innovative waste management	2028	IT, JO, LB, PS, ES, TR

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			technologies, cross-border testing, and increasing knowledge sharing across countries. Through piloting solutions like AI-powered sorting, decentralized composting, and industrial symbiosis, the project will boost capacity, raise awareness, and support policy integration for a more sustainable future. One solution will be implemented as a pilot at municipal level in Masias de Roda (Spain) and Bikfaya (Lebanon) and at the household level in the remaining countries. The other solution will uniformly be implemented in the six partner countries (Italy, Jordan, Lebanon, Palestine, Spain and Türkiye).		
55	Interreg NEXT MED (ENI CBC)	MedRESOURCE	Mediterranean initiative to Regenerate wastewater Sludges for Optimal Use toward a Circular Economy - In the Mediterranean, wastewater sludge is still largely seen as waste rather than a resource, despite its potential to enhance soil fertility and reduce environmental harm. Sludge is often poorly managed, polluting land and water, and missing opportunities to contribute to sustainable agriculture. MedRESOURCE addresses this challenge by piloting four local water reuse solutions in Palestine, Italy, Tunisia, and Jordan, converting treated sludge into compost, biochar, and soil enhancers. Through Living Labs and real-world demonstrations, the project will improve soil health, reduce dependence on chemical fertilizers, and support a circular approach to agriculture and wastewater management.	2028	IT; JO, PS, TN
56	PRIMA	SPORE-MED	Urban wastewater treatment plants are key to returning the water used to the environment in the best conditions. Wastewater treatment plants are also a source of valuable resources – such as reclaimed water or nutrients – and a crucial element for wastewater-based surveillance. However, these facilities are still major energy consumers and are not capable of removing certain pollutants. SPORE-MED has the goal of upgrading current wastewater treatment plants to respond to these and other challenges within the water-energy-food-health nexus in the Mediterranean region, more vulnerable to climate change and water scarcity than the world average. Innovative water treatment and resource recovery technologies, online monitoring tools, sustainable agro-practices for water and nutrient reuse, and several protocols and plans for wastewater	2027	CY, EL, IT, MA, ES, TN

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			surveillance and reuse will be developed and validated in four different demo sites in the participant countries.		
57	Interreg NEXT MED (ENI CBC)	GREENOLIVE	Green Mediterranean through Solar Driven Decarbonization of Industries - GREENOLIVE addresses the urgent need for clean energy in the Mediterranean by piloting an innovative solar system to decarbonize the plastics industry. Using a 600 kWh photovoltaics plant and Power-to-Heat technology, it delivers process heat at 300°C while reducing natural gas consumption by about 18-22%. in one of the largest international polymer producers in Türkiye, Aschem Petrochemical (ASCHEM). A thermal energy storage unit made from local waste ensures energy availability even without sunlight, reducing costs and avoiding batteries. The project will promote three lab-scale replicas for open living labs for textiles and agri-products industries and the residential sector , while training tools and policy recommendations will support skills development, local innovation, and energy resilience. Besides the pilot plant in Türkiye, the project will implement activities in Egypt, France, Italy, Spain and Palestine.	2028	EG, FR, IT, PS, ES, TR
58	Interreg NEXT MED (ENI CBC)	SWAMED	Sustainable WAter management for smart agriculture in the MEDiterranean regions - Water scarcity is a pressing issue in Mediterranean agriculture, driven by climate change, population growth, and competing rural-urban demands. SWAMED, involving Italy, Tunisia, Egypt, Greece, and Türkiye, addresses this challenge by improving water management for irrigated agriculture through advanced technologies and a multi-stakeholder approach. By integrating farmer-friendly sensors, satellite and drone monitoring, the project aims to reduce irrigation water use by 30% in 4 pilot sites, promote sustainable practices, and scale the Water-Energy-Food Ecosystem (WEFE) Nexus at the local level for greater resilience and regional impact.	2028	EG, EL, IT, TN, TR
59	Interreg NEXT MED (ENI CBC)	STORM	Integrating Seasonal Thermal Energy Storage in the Mediterranean Region - Buildings in Mediterranean countries account for more than 50% of energy consumption, mostly due to heating and cooling, posing serious environmental and economic challenges. Despite abundant solar resources, Seasonal Thermal Energy Storage (STES, a technology that stores heat collected during one season (usually summer) for use in another season – typically winter) remains underused	2028	CY, IT, JO, LB, ES

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			due to lack of data, pilots, and supportive policies. STORM aims to unlock the potential of STES by implementing 4 demonstration pilots in Lebanon, Jordan, Italy, and Spain. The project aims to unlock the potential of seasonal thermal storage in the Mediterranean and advocate for a shift from conventional energy practices to a sustainable, energy-efficiency decentralized model.		
60	Interreg NEXT MED (ENI CBC)	Sludge2Energy	Pyrolysis of Dried Sewage Sludge for the Production of Energy and Biochar as a Multifactor Process for Energy Efficiency and Reduction of Gas Emissions - Managing sewage sludge is becoming a serious environmental and public health challenge in the Mediterranean. As more wastewater is treated, larger amounts of sludge are produced, often still applied to soil, spreading pollutants like pharmaceuticals, microplastics, and antibiotic-resistant bacteria into the environment. The Sludge2Energy project tackles this urgent issue by testing a safer approach: combining solar drying with pyrolysis to turn sludge into biochar, reduce pollution, and generate renewable energy. It also evaluates the potential for phosphorus reuse by analyzing its concentration in biochar. With partners from Italy, Spain, Jordan, and Tunisia, it promotes practical, locally tailored solutions that protect public health.	2028	CY, EG, EL, IL, JO, TR
61	Interreg NEXT MED (ENI CBC)	SHAREN	Energy-SHAring solutions and communities for enhanced Renewable ENergy in the MEDiterranean historic centres - SHAREN addresses the energy transition in heritage urban contexts of the Mediterranean region. While most of historic city centres' buildings are highly energy inefficient, the installation of renewable energy is struggling due to their architectural and historical significance, requiring a balance between modern energy transition and preservation. SHAREN introduces 6 Energy Sharing Solutions (ESS), including Renewable Energy Communities (REC), to enhance green energy's efficiency, secure its supply, empower citizens & reduce energy poverty across Spain, Lebanon, Türkiye, Italy & Jordan, preserving the historical beauty and value of heritage buildings and piloted centres according to the New European Bauhaus principles.	2028	EG, JO, LB, ES, TR

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