



★ EU initiatives for a reinforced cooperation with the Mediterranean

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Overview

- Overview of Euro-Med R&I cooperation
- Focus on WP 2023-2024 and Mediterranean Initiative





***R&I Cooperation
with the
Mediterranean
(Union For the
Mediterranean):
Regional Platform in
R&I***

R&I Cooperation with the Mediterranean

The EU and the Mediterranean seek to enhance their Partnership based on:



co-decision



co-ownership



shared benefits

The cooperation in the region underlines the importance of common solutions to address major challenges, such as **skills mismatch**, **youth unemployment** and brain drain.

The **New Agenda for the Mediterranean** sets out clear objectives for the years to come to build fairer, more prosperous and inclusive societies for the benefit of people, especially the youth, where **Research & Innovation** is crucial for sustainable development.

In addition the **EU's Global Approach to Research & Innovation** prioritizes the Mediterranean as one of its regions for cooperation.

Union for the Mediterranean Regional Platform in R&I

The EU and the Mediterranean region are engaged in a very active policy dialogue in the context of the **Union for the Mediterranean (UfM) Regional Platform in Research and Innovation (R&I)**, co-chaired by the **EU together with Jordan**.

The UfM Regional Platform in Research and Innovation (formerly known as the “Euro-Mediterranean Monitoring Committee on Research and Innovation”) **was created in 1995 within the framework of the Barcelona Process** to monitor and promote cooperation in research, technology and development.

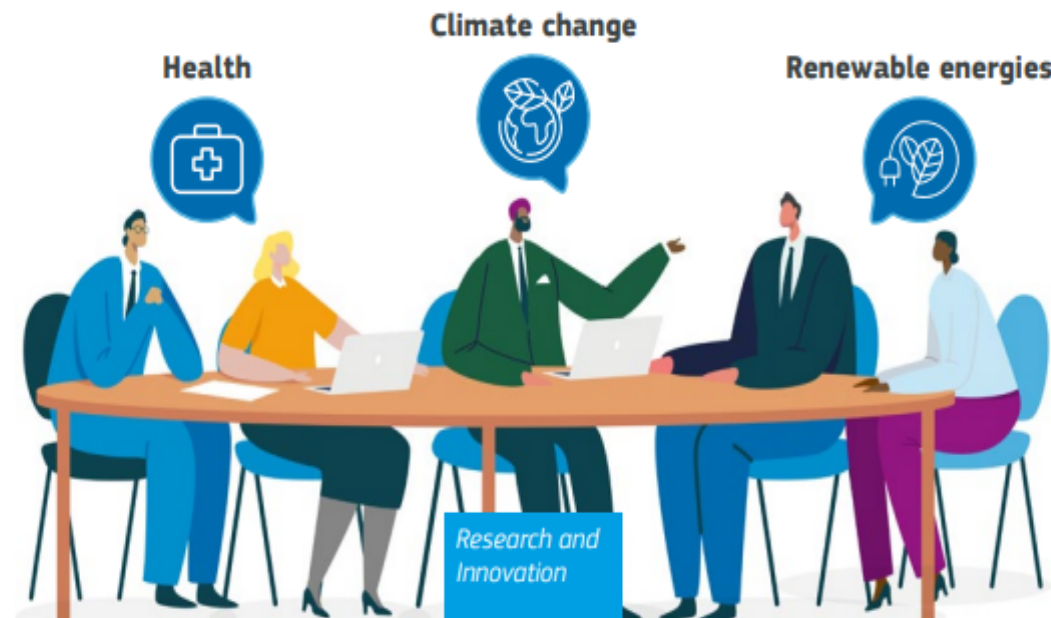
The platform has now the main objective to make recommendations for the joint implementation of research policy priorities bringing together **42 member states (27 EU Member States and 15 third Countries)**; In addition, the **Arab League and relevant institutions and initiatives may participate as observers on proposition of the co-presidency**;

Union for the Mediterranean Regional Platform in R&I

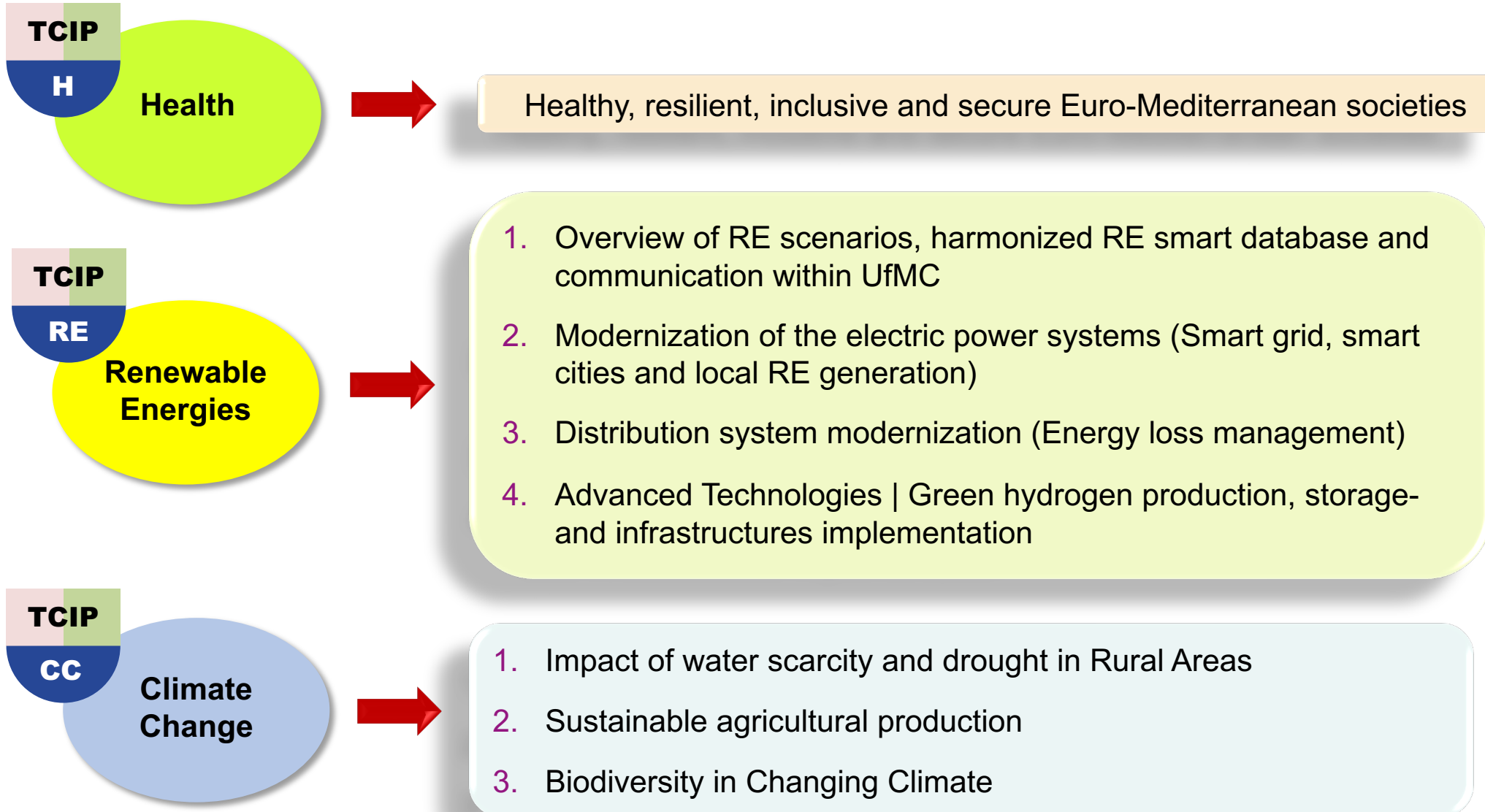
- The platform competences are among others:
 - Acts as a forum for the **exchange of information and views and recommendations on research and innovation policy** in the Mediterranean region, and establishing a common information base on this subject;
 - **Identifying issues of regional importance to be addressed by research and innovation** and requiring cooperative Euro-Mediterranean activities, including bi-regional initiatives;
 - **Monitoring and providing feedback on research and innovation policies, developments and activities** in the Euro-Mediterranean context
 - **Supporting and preparing the UfM ministerial meetings on research, higher education and innovation,**

Union for the Mediterranean Regional Platform in R&I

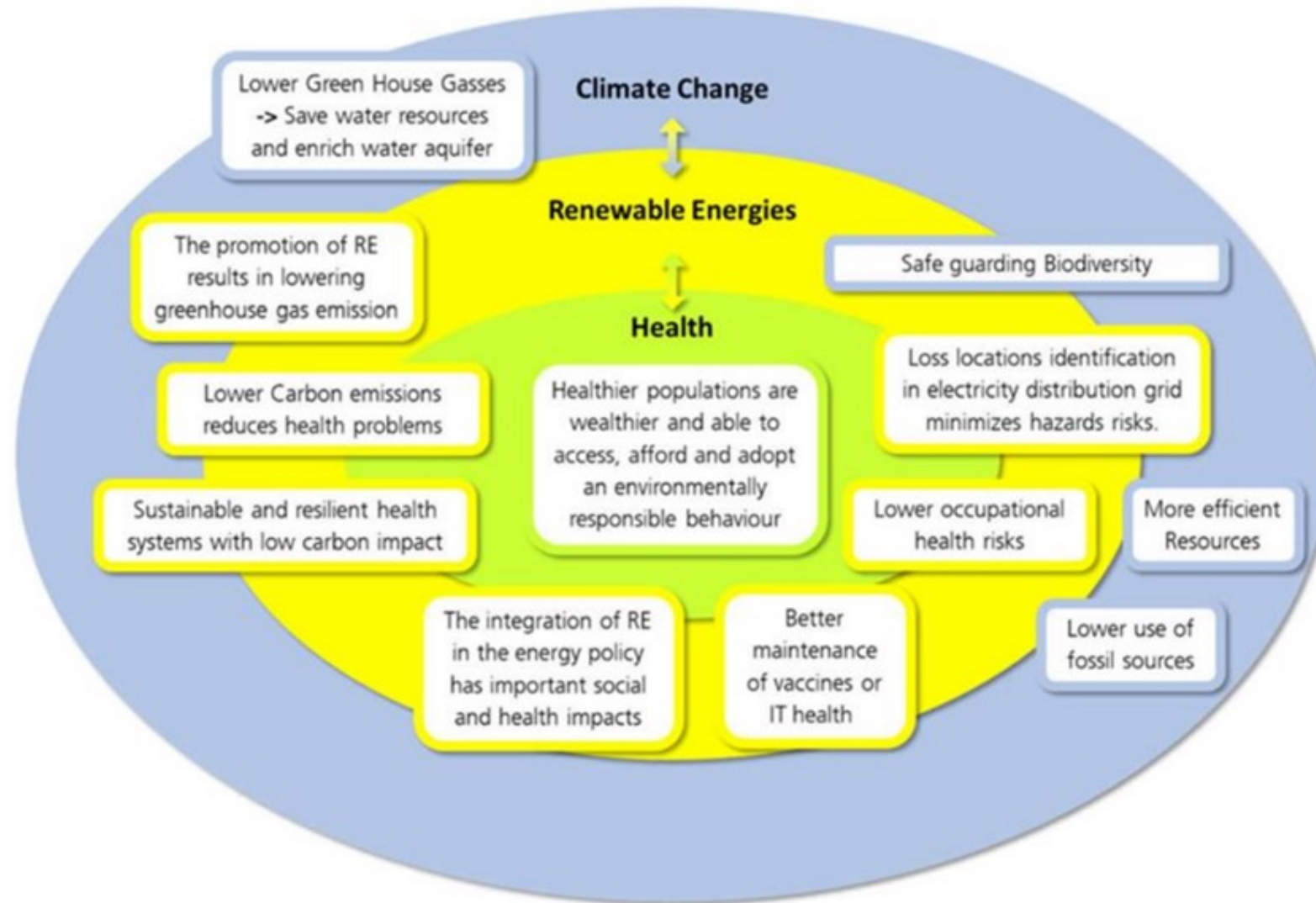
8 R&I Roadmaps on climate change, renewable energies and health, have been elaborated by a group of experts from all participating countries in 2021 as the basis for future EU-Mediterranean cooperation in research and innovation:



R&I Cooperation Priorities in the Mediterranean region – Theories of Change & Impact Pathways including Roadmaps



R&I Cooperation Priorities in the Mediterranean region – Theories of Change & Impact Pathways including Roadmaps



Recent developments

The UfM R&I Ministerial declaration of 27 June 2022:

- Acknowledging the **R&I Roadmaps** on the agreed priorities areas as a catalyser for future cooperation;
- Transform these jointly agreed political priorities into specific actions, committing to **mobilising resources from national and EU level programmes**



Horizon Europe

Mediterranean Initiative

2023 – 2024



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January 2023



International Cooperation in Horizon Europe

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND


Exclusive focus on defence research & development

Research actions

Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*


Exclusive focus on civil applications

 **Pillar I EXCELLENT SCIENCE**

European Research Council

Marie Skłodowska-Curie


Research Infrastructures

 **Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

 **Pillar III INNOVATIVE EUROPE**

European Innovation Council

European Innovation Ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint Research Center

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



International Cooperation in Horizon Europe

Access to Horizon Europe funding

- Automatically eligible for EU funding (“Beneficiaries”)
 - Low- and Middle-Income Countries (see [list](#))
 - Countries associated to Horizon Europe
- Non-associated third countries not eligible for EU funding (“Associated partners”)
 - Exceptions on a case-by-case basis + specified in topic calls
- Co-funding mechanisms
 - E.g. Canada, Monaco, China, Switzerland... ([Guide CFM](#) on F&T Portal)



International cooperation in Horizon Europe Work Programme 2023-24

Clusters	Topics total	Topics (ex. Other Actions)	Topics for which International Cooperation is encouraged	
			No.	%
Cluster 1: Health	53	44	7	16%
Cluster 2: Culture, creativity and inclusive society	66	56	15	27%
Cluster 3: Civil Security for Society	44	42	9	21%
Cluster 4: Digital Industry and Space	159	130	22	17%
Cluster 5: Climate, Energy and Mobility	219	191	38	20%
Cluster 6: Food, Bioeconomy, Natural resources, agriculture, and environment	189	179	51	28%
Total	730	642	141	22%

Mediterranean Initiative

In the Work Programme of Horizon Europe 2023-2024



- The Horizon Europe work programme 2023-2024 includes 37 topics with a budget of around €350 million under Calls for Proposals that are **particularly relevant for cooperation with the Mediterranean region**
- This contributes to the R&I Roadmaps on the three priorities for EU-Mediterranean cooperation in research and innovation adopted at the **UfM R&I Ministerial of 27 June 2022** on:



HEALTH



CLIMATE
CHANGE

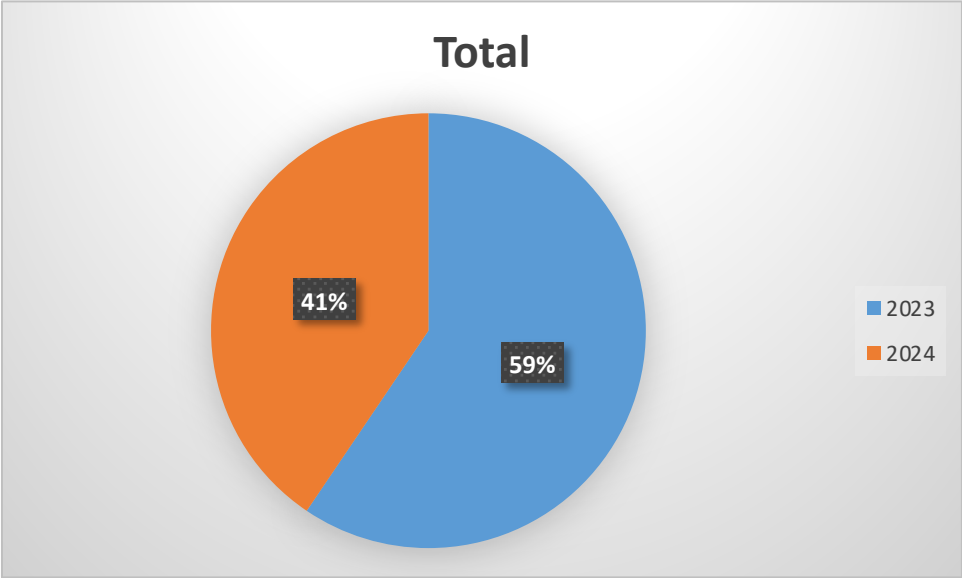


RENEWABLE
ENERGY

The calls for proposals, open in different Work Programme parts, **encourage the participation of Mediterranean entities.**

Mediterranean Initiative

In the Work Programme of Horizon Europe 2023-2024



Open by January 2023

Climate Change	16
Health	2
others	2
Renewable energy	2
Grand Total	22

1. Health



Topic Identifier	Opening	Deadline	Topic Title	ToA
HORIZON-HLTH-2023-CARE-08-01	12-01-2023	13-04-2023	European Partnership on Personalised Medicine	Horizon Programme Cofund Actions
HORIZON-HLTH-2023-DISEASE-07-01	12-01-2023	19-09-2023	European Partnership on Rare Diseases	Horizon Programme Cofund Actions



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2. Renewable energies



Topic Identifier	Opening	Deadline	Topic Title	ToA
HORIZON-CL5-2023-D2-01-01	13-12-2022	18-04-2023	Technologies for sustainable, cost-efficient and low carbon footprint downstream processing & production of battery-grade materials (Batt4EU Partnership)	HORIZON-RIA
HORIZON-CL5-2023-D3-01-04	13-12-2022	30-03-2023	Solar Systems for Industrial Process Heat and Power	HORIZON-IA
HORIZON-CL5-2024-D3-01-13	12-09-2023	16-01-2024	DC and AC/DC hybrid transmission and distribution systems	HORIZON-RIA
HORIZON-CL5-2024-D3-02-06	7-05-2024	5-09-2024	Innovative, Community-Integrated PV systems	HORIZON-IA
HORIZON-CL5-2024-D3-02-07	7-05-2024	5-09-2024	Resource Efficiency of PV in Production, Use and Disposal	HORIZON-CSA



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2. Climate Change



Topic Identifier	Opening	Deadline	Topic Title	ToA
HORIZON-CL6-2023-BIODIV-01-17	22-12-2022	28-03-2023	Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases	HORIZON-RIA
HORIZON-CL6-2023-BIODIV-01-3	22-12-2022	28-03-2023	Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes	HORIZON-RIA
HORIZON-CL6-2023-CircBio-01-4	22-12-2022	28-03-2023	Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains	HORIZON-RIA
HORIZON-CL6-2023-CircBio-01-6	22-12-2022	28-03-2023	Bio-based solutions for humanitarian applications	HORIZON-CSA
HORIZON-CL6-2023-CLIMATE-01-2	22-12-2022	12-04-2023	Improve the reliability and effectiveness of alternative water resources supply systems and technologies	HORIZON-IA
HORIZON-CL6-2023-CLIMATE-01-3	22-12-2022	12-04-2023	Ocean and coastal waters carbon- and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions	HORIZON-RIA
HORIZON-CL6-2023-CLIMATE-01-6	22-12-2022	12-04-2023	Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations	HORIZON-RIA
HORIZON-CL6-2023-FARM2FORK-01-15	22-12-2022	12-04-2023	Fostering resilient European food systems in a changing world	HORIZON-RIA
HORIZON-CL6-2023-FARM2FORK-01-17	22-12-2022	12-04-2023	EU-African Union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP)	HORIZON-CSA
HORIZON-CL6-2023-FARM2FORK-01-18	22-12-2022	12-04-2023	Support for the implementation of a sustainable platform for the EU-African Union cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	HORIZON-CSA
HORIZON-CL6-2023-FARM2FORK-01-19	22-12-2022	12-04-2023	Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	HORIZON-IA

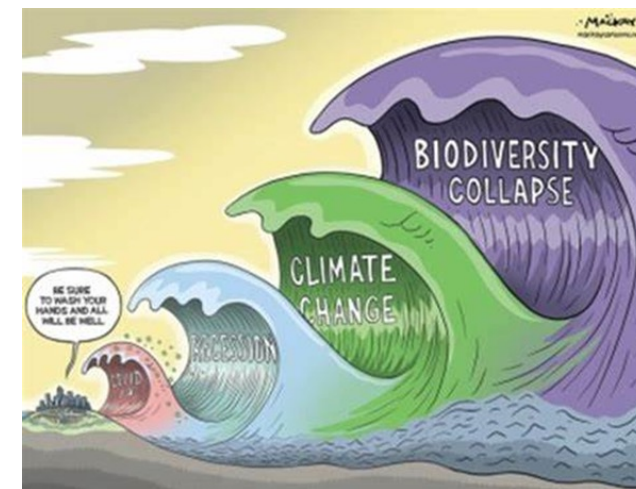


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2. Climate Change



Topic Identifier	Opening	Deadline	Topic Title	ToA
HORIZON-CL6-2023-FARM2FORK-01-20	22-12-2022	12-04-2023	EU-Africa Union – food safety	HORIZON-RIA
HORIZON-CL6-2023-ZEROPOLLUTION-01-2	22-12-2022	28-03-2023	Integrated assessment and monitoring of emerging pollutants in the marine environment	HORIZON-RIA
HORIZON-CL6-2023-ZEROPOLLUTION-01-7	22-12-2022	28-03-2023	Strategies to prevent and reduce plastic packaging pollution from the food system	HORIZON-RIA
HORIZON-MISS-2023-OCEAN-SOIL-01-01	17-01-2023	20-09-2023	Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin	HORIZON-IA
HORIZON-MISS-2023-SOIL-01-04	17-01-2023	20-09-2023	Innovations to prevent and combat desertification	HORIZON-IA
HORIZON-CL6-2024-BIODIV-01-8	17-10-2023	22-02-2024	Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems	HORIZON-RIA
HORIZON-CL6-2024-CLIMATE-01-6	17-10-2023	22-02-2024	Ocean models for seasonal to decadal regional climate impacts and feedbacks	HORIZON-RIA
HORIZON-CL6-2024-FARM2FORK-01-10	17-10-2023	22-02-2024	EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation	HORIZON-RIA
HORIZON-CL6-2024-FARM2FORK-01-11	17-10-2023	22-02-2024	EU-African Union – towards climate-neutral, social just fair trade food systems	HORIZON-RIA
HORIZON-CL6-2024-FARM2FORK-02-6-two-stage	17-10-2023	17-09-2024	Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes	HORIZON-IA
HORIZON-CL6-2024-FARM2FORK-02-7-two-stage	17-10-2023	17-09-2024	Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes	HORIZON-IA
HORIZON-CL6-2024-ZEROPOLLUTION-01-1	17-10-2023	22-02-2024	Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries	HORIZON-IA
HORIZON-CL6-2024-ZEROPOLLUTION-01-2	17-10-2023	22-02-2024	Best available techniques to recover or recycle fertilising products from secondary raw materials	HORIZON-CSA
HORIZON-CL6-2024-GOVERNANCE-01-1	17-10-2023	28-02-2024	Additional activities for the European Partnership for a climate neutral, sustainable and productive Blue Economy	Horizon Programme Cofund Actions



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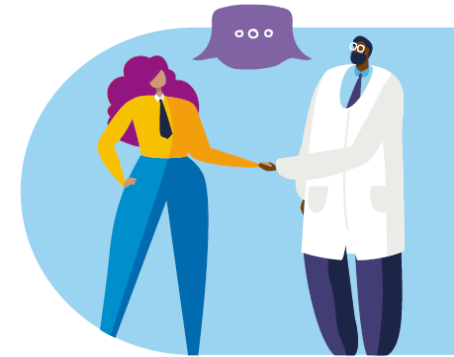


SYNERGIES WITH OTHER PARTNERSHIPS AND MISSIONS BETWEEN THE EU AND MEDITERRANEAN



RENEWABLE ENERGIES

Other potential partnerships in research & innovation between the European Union and the Mediterranean include the [Clean Hydrogen Partnership](#) and the [Batt4EU Partnership](#).



HEALTH

In the Health sector the [European partnership on Personalised Medicine](#) and the [Rare Diseases Partnership](#), that will be part of the Horizon Europe Health Cluster Work Programme 2023-24, have been identified, as being potentially of interest for participation by Mediterranean countries.



SYNERGIES WITH OTHER PARTNERSHIPS AND MISSIONS BETWEEN THE EU AND MEDITERRANEAN

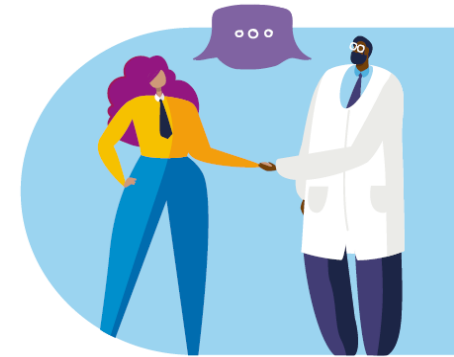


CLIMATE CHANGE

Ongoing partnerships are the European Partnership for a climate-neutral, sustainable and productive Blue Economy ([Sustainable Blue Economy Partnership](#)), the European Partnership Water Security for the Planet ([Water4All](#)) and the Partnership for Research & Innovation in the Mediterranean Area ([PRIMA](#)) covering the food-water-agriculture nexus.

The region will be also targeted in the implementation and deployment of the [Mission “Restore our Ocean and Waters by 2030”](#), in particular its Mediterranean lighthouse on preventing and eliminating marine pollution, and the mission [“A Soil Deal for Europe”](#).

Synergies are also expected with the new [Horizon Europe Partnership on Sustainable Food Systems for People, Planet and Climate](#), which aims to achieve a Sustainable food system in 2050 in Europe and beyond. This is based on inter-connected approach via the implementation of an EU-wide strategic research and innovation agenda.



Africa Initiative II

In the 2nd Work Programme of Horizon Europe
2023-2024



- Building on the positive outcome of the **Africa Initiative I** of Horizon Europe Work Programme 2021-2022.
- A total budget of **~300 MEUR** through **~30 topics** under **calls for proposals** to boost **EU-Africa cooperation on Research & Innovation (R&I)**.
- Enabling the implementation of the **short-term and medium-term actions** of the **AU-EU Innovation Agenda**, aiming to **translate R&I into tangible positive impact on the ground**, particularly in the areas of ¹:
 1. *Green Transition* (260 MEUR) 
 2. *Innovation & Technology* (35 MEUR) 
 3. *Capacities for Science* (9 MEUR) 
- Adoption of **Horizon Europe Work Programme: 6 December 2022**
([EU funding & tenders' portal](#)).



Marie Skłodowska-Curie Actions (MSCA)

- The EU flagship programme for **researchers' mobility and training** through the development of excellent **doctoral programmes, collaborative research and fellowship schemes**, contribute to excellent research and a highly skilled research-based human capital.

See: <https://ec.europa.eu/research/mariecurieactions>



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Follow us, engage and keep up to date via:

- [EU-Africa Cooperation in Research and Innovation](#)
- [AU-EU High-Level Policy Dialogue on Science, Technology and Innovation](#)
- [EU-Africa R&I Cooperation Factsheet](#)
- [Horizon Europe website](#)
- [Africa Initiative I Factsheet](#)
- [Joint AU-EU Innovation Agenda: Presentation, Promotional Video, Working Document and Pre-print of Commentary Paper](#)
- [International Cooperation website](#)
- [Union for the Mediterranean \(UfM\) Portal](#)
- [Euro-MED Factsheet](#)
- [Horizon Europe Funding & Tenders' Portal](#)
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