

# Horisontti Eurooppa -missioiden uudet ehdotetut haut vuosille 2021-2022

(WP LUONNOS 30.11.2021 + WP LUONNOS 2022)



# Syöpä 1/2

## Call - Research and Innovation actions supporting the implementation of the Mission on Cancer

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
<b>Opening: 22 Dec 2021</b> <b>Deadline(s): 26 Apr 2022</b>				
HORIZON-MISS-2021-CANCER-02-01 <b>Develop new methods and technologies for cancer screening and early detection</b>	RIA	60.00	4.00 to 15.00	10
HORIZON-MISS-2021-CANCER-02-02 <b>Develop and validate a set of quality of life and patient preference measures for cancer patients and survivors</b>	RIA	11.00	Around 11.00	1
HORIZON-MISS-2021-CANCER-02-03 <b>Better understanding of the impact of risk factors and health determinants on the development and progression of cancer</b>	RIA	54.65	4.00 to 15.00	6
<b>Overall indicative budget</b>		125.65		

# Syöpä 2/2

## Call - Actions supporting the implementation of the Mission on Cancer

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
<b>Opening: XX May 2022 [TBD]</b> <b>Deadline: 06 September 2022</b>				
HORIZON-MISS-2022-CANCER-01-01 <b>Improving and upscaling primary prevention of cancer through implementation research</b>	RIA	50.00	3.00 to 8.00	[tbd]
HORIZON-MISS-2022-CANCER-01-02 <b>Strengthen Comprehensive Cancer Infrastructures</b>	CSA	10.00	Around 10.00	1
HORIZON-MISS-2022-CANCER-01-03 <b>Pragmatic clinical trials to optimise treatments for cancer patients</b>	RIA	60.00	4.00 to 6.00	[tbd]
HORIZON-MISS-2022-CANCER-01-04 <b>Towards the creation of a European Cancer Patient Digital Centre</b>	CSA	3.00	Around 3.00	1
HORIZON-MISS-2022-CANCER-01-05 <b>Creation of national mission hubs supporting the Mission on Cancer</b>	CSA	3.00	Around 3.00	1
<b>Overall indicative budget</b>		126.00		

# Sopeutuminen ilmastonmuutokseen, sisältäen yhteiskunnallisen muutoksen 1/2

## Call - Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
<b>Opening: 11 Jan 2022</b> <b>Deadline(s): 12 Apr 2022</b>				
HORIZON-MISS-2021-CLIMA-02-01 <b>Development of climate change risk assessments in European regions based on a transparent and harmonised Climate Risk Assessment approach</b>	RIA	20.00	15.00 to 20.00	1
HORIZON-MISS-2021-CLIMA-02-02 <b>Support to the regions in developing pathways towards climate resilience and corresponding innovation agendas</b>	RIA	30.00	25.00 to 30.00	1
HORIZON-MISS-2021-CLIMA-02-03 <b>Towards asset level modelling of climate risks and adaptation</b>	RIA	5.00	1.50 to 2.50	2
HORIZON-MISS-2021-CLIMA-02-04 <b>Large scale demonstrators of climate resilience creating cross-border value</b>	IA	50.00	15.00 to 25.00	2
HORIZON-MISS-2021-CLIMA-02-05 <b>Local engagement of citizens in the co-creation of societal transformational change for climate resilience</b>	RIA	5.00	3.00 to 5.00	1
<b>Overall indicative budget</b>		110.00		

# Sopeutuminen ilmastonmuutokseen, sisältäen yhteiskunnallisen muutoksen 2/2

## Call - Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission for

2022	Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
			2022		
Opening: <b>07 June 2022</b> Deadline(s): <b>27 September 2022</b>					
	HORIZON-MISS-2022-CLIMA-01-01 <b>Development of user driven applications for regional and local authorities, and other end users focusing on climate impacts, data and knowledge.</b>	IA	6.00	5.00 to 6.00	1
	HORIZON-MISS-2022-CLIMA-01-02 <b>Unlocking of financial resources for investments into climate resilience</b>	RIA	6.00	5.00 to 6.00	1
	HORIZON-MISS-2022-CLIMA-01-03 <b>Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities</b>	RIA	6.00	5.00 to 6.00	1
	HORIZON-MISS-2022-CLIMA-01-04 <b>Transformation of regional economic systems for climate resilience and sustainability</b>	RIA	6.00	5.00 to 6.00	1
	HORIZON-MISS-2022-CLIMA-01-05 <b>Testing best available knowledge on increasing sponge function of landscape as a way to improve climate-resilience to water management challenges</b>	RIA	3.00	2.00 to 3.00	1
	HORIZON-MISS-2022-CLIMA-01-06 <b>Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation</b>	IA	90.00	12.00 to 20.00	5
	HORIZON-MISS-2022-CLIMA/OCEAN-01-07 <b>Climate adaptation and Ocean Missions Joint demonstration on coastal resilience building in the Arctic/ Atlantic basin</b>	IA	10.00		1
	<b>Overall indicative budget</b>		127.00		

# Hiilineutraalit ja älykkäät kaupungit

## Call - Research and Innovation actions to support the implementation of the Climate-Neutral and Smart Cities Mission

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
<b>Opening: 11 Jan 2022</b>				
<b>Deadline(s): 26 Apr 2022</b>				
HORIZON-MISS-2021-CIT-02-01 <b>Urban planning and design for just, sustainable, resilient and climate neutral cities by 2030</b>	IA	35.00	11.00 to 12.00	3
HORIZON-MISS-2021-CIT-02-02 <b>Unleashing the innovation potential of public transport as backbone of urban mobility</b>	IA	40.00	12.00 to 30.00	3
HORIZON-MISS-2021-CIT-02-03 <b>Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform</b>	FPA			1
HORIZON-MISS-2021-CIT-02-04 <b>Positive Clean Energy Districts</b>	IA	40.00	15.00 to 20.00	2
HORIZON-MISS-2021-CIT-02-05 <b>Global cooperation and exchange on urban climate neutrality</b>	CSA	2.00	Around 2.00	1
Overall indicative budget		117.00		

## Call - Research and Innovation actions for support the implementation of the Climate-neutral and Smart Cities Mission

<b>Opening: 28 Apr 2022</b>				
<b>Deadline(s): 06 Sep 2022</b>				
HORIZON-MISS-2022-CIT-01-01 <b>Designing inclusive, safe, affordable and sustainable urban mobility</b>	IA	42.00	8.00 to 12.00	4

# Terveet valtameret, meret, rannikot ja sisävedet

## 1/5

### Call - Protect and restore marine and freshwater ecosystems and biodiversity

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
<b>Opening: 22 Dec 2021</b> <b>Deadline(s): 31 Mar 2022</b>				
HORIZON-MISS-2021-OCEAN-02-01 <b>European Blue Parks</b>	IA	17.00	Around 8.50	2
HORIZON-MISS-2021-OCEAN-02-02 <b>Danube river basin lighthouse – restoration of fresh and transitional water ecosystems</b>	IA	17.00	Around 8.50	2
HORIZON-MISS-2021-OCEAN-02-03 <b>Atlantic and Arctic basin lighthouse - restoration of marine and coastal ecosystems and increased climate resilience</b>	IA	17.00	Around 8.50	2
HORIZON-MISS-2021-OCEAN-02-04 <b>Danube river basin lighthouse – coordination activities</b>	CSA	3.00	Around 3.00	1
HORIZON-MISS-2021-OCEAN-02-05 <b>Atlantic and Arctic basins lighthouse – coordination activities</b>	CSA	3.00	Around 3.00	1
<b>Overall indicative budget</b>		57.00		

# Terveet valtameret, meret, rannikot ja sisävedet 2/5

## Call - Prevent and eliminate pollution of our ocean, seas and waters

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
<b>Opening: 22 Dec 2021</b>				
<b>Deadline(s): 31 Mar 2022</b>				
HORIZON-MISS-2021-OCEAN-03-01 <b>Mediterranean sea basin lighthouse - actions to prevent, minimise and remediate litter and plastic pollution</b>	IA	16.00	Around 8.00	2
HORIZON-MISS-2021-OCEAN-03-02 <b>Mediterranean sea basin lighthouse – coordination activities</b>	CSA	3.00	Around 3.00	1
<b>Overall indicative budget</b>		19.00		

## Call - Sustainable, carbon-neutral and circular Blue economy

<b>Opening: 22 Dec 2021</b>				
<b>Deadline(s): 31 Mar 2022</b>				
HORIZON-MISS-2021-OCEAN-04-01 <b>Lighthouse in the Baltic and the North sea basins - Low impact marine aquaculture and multi-purpose use of marine space</b>	IA	16.00	Around 8.00	2
HORIZON-MISS-2021-OCEAN-04-02 <b>Baltic and North sea basins lighthouse – coordination activities</b>	CSA	3.00	Around 3.00	1
<b>Overall indicative budget</b>		19.00		



# Terveet valtameret, meret, rannikot ja sisavedet

3/5

Call- Mission Enabling activities: Digital knowledge system, public mobilisation and engagement, dynamic investment ecosystem

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
<b>Opening: 22 Dec 2021</b> <b>Deadline(s): 31 Mar 2022</b>				
HORIZON-MISS-2021-OCEAN-05-01 <b>Underlying models for the European Digital Twin Ocean</b>	IA	7.00	Around 7.00	1
HORIZON-MISS-2021-OCEAN-05-02 <b>The relation of young generations with the sea and water: values, expectations, and engagement</b>	RIA	1.00	Around 1.00	1
HORIZON-MISS-2021-OCEAN-05-03 <b>Piloting citizen science in marine and freshwater domains</b>	CSA	1.00	Around 1.00	1
<b>Overall indicative budget</b>		9.00		

# Terveet valtameret, meret, rannikot ja sisävedet 4/5

## Call – (Jatkuu seuraavaan)

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-OCEAN-XX-XX <b>European Blue Parks – Protection and restoration solutions for degraded habitats and blue reforestation</b>	IA	15.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Danube river basin lighthouse – Protection and restoration of wetlands, flood plains and salt marshes and their biodiversity</b>	IA	17.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Mediterranean sea basin lighthouse - Actions to prevent, minimise and remediate chemical pollution</b>	IA	16.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Prevent and eliminate litter, plastics and microplastics: Innovative solutions for waste-free European rivers</b>	IA	10.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Marine litter and pollution – Circular economy for fishing gear</b>	IA	10.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Lighthouse in the Baltic and the North Sea basins – bringing sustainable algae-based products and solutions to the market</b>	IA	17.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Integration of biodiversity monitoring data into the Digital Twin Ocean</b>	IA	9.50		

# Ierveet valtameret, meret, rannikot ja sisävedet 5/5

Call – (Jatkoa edellisestä)

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-OCEAN-XX-XX <b>Blue school and student projects to restore and protect marine and freshwater ecosystems and biodiversity, prevent and eliminate pollution and make Blue economy green-house gas emissions neutral and circular</b>	CSA	3.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Towards a European DNA library of marine and freshwater species</b>	CSA	2.00		
HORIZON-MISS-2022-OCEAN-XX-XX <b>Pooling and scaling up citizen engagement initiatives for blue restoration, reforestation, depollution and de-carbonisation</b>	CSA	1.50		
HORIZON-MISS-2022-CLIMA/OCEAN-01-06 <b>Climate adaptation and Ocean Mission Joint demonstration on coastal resilience building in the Arctic/Atlantic basin</b>	IA	10.00		
<b>Overall indicative budget</b>		111.00		

# Maaperän terveys ja ruoka 1/2

## Call - Research and Innovation actions to support the implementation of the Soil health and Food Mission

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
<b>Opening: 23 Dec 2021</b>				
<b>Deadline(s): 24 Mar 2022</b>				
HORIZON-MISS-2021-SOIL-02-01 <b>From knowledge gaps to roadmaps on soil mission objectives</b>	CSA	5.00	Around 5.00	1
HORIZON-MISS-2021-SOIL-02-02 <b>Validating and further developing indicators for soil health and functions</b>	RIA	12.00	Around 12.00	1
HORIZON-MISS-2021-SOIL-02-03 <b>Linking soil health to nutritional and safe food</b>	RIA	7.00	Around 7.00	1
HORIZON-MISS-2021-SOIL-02-04 <b>Social, economic and cultural factors driving land management and land degradation</b>	RIA	10.00	Around 5.00	2
HORIZON-MISS-2021-SOIL-02-05 <b>Incentives and business models for soil health</b>	RIA	10.00	Around 5.00	2
HORIZON-MISS-2021-SOIL-02-06 <b>Engage with and activate municipalities and regions to protect and restore soil health</b>	CSA	10.00	Around 3.30	3
HORIZON-MISS-2021-SOIL-02-07 <b>National engagement sessions and support to the establishment of soil health living labs</b>	CSA	3.00	Around 3.00	1
HORIZON-MISS-2021-SOIL-02-08 <b>Next generation soil advisors</b>	RIA	5.00	Around 5.00	1
<b>Overall indicative budget</b>		62.00	<b>Anna Luoma</b>	<b>14.12.2021</b>

# Maaperän terveys ja ruoka 2/3

## Call - Research and Innovation and other actions to support the implementation of a mission in the area of Soil health and Food for 2022 (jatkuu seuraavaan)

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-SOIL-01-01 <b>Building the mission's knowledge repository and advancing the European Soil Observatory</b>	RIA	5 (7)	5 (7)	1
HORIZON-MISS-2022-SOIL-01-02 <b>Improving food systems sustainability and soil health with food processing residues</b>	RIA/IA	14	7	2
HORIZON-MISS-2022-SOIL-01-03 <b>Soil biodiversity and its contribution to ecosystem services</b>	RIA	16	8	2
HORIZON-MISS-2022-SOIL-01-04 <b>Remediation strategies, methods and financial models for decontamination and reuse of land in urban and rural areas</b>	RIA	15	5	3
HORIZON-MISS-2022-SOIL-01-05 <b>Soil carbon and GHG balance monitoring in land</b>	RIA	10	10	1

# Maaperän terveys ja ruoka 3/3

## Call - Research and Innovation and other actions to support the implementation of a mission in the area of Soil health and Food for 2022 (jatkoa edellisestä)

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2022		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-SOIL-01-06 <b>(Policy) network on carbon farming for agricultural and forest soils</b>	CSA	3	3	1
HORIZON-MISS-2022-SOIL-01-07 <b>Foster soil education across society</b>	RIA (IA)	5	5	1
HORIZON-MISS-2022-SOIL-01-08 <b>Living labs - lighthouse network support</b>	CSA/PC	10 (12)	10 (12)	1
HORIZON-MISS-2022-SOIL-01-09 <i>(to be developed)</i>				
<b>Possible contribution to Climate Solidarity Corps</b>		5		
<b>Overall indicative budget</b>		95		

# Sekalaisia hakuja

## Call – Creation of a transnational network of EU Missions National Contact Points

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-NCP-01-01 Creating a translational network of National Contact Points (NCPs) for EU Missions	CSA	1.50	Around 1.50	1
Overall indicative budget		1.50		

## Call – Deploying existing social innovations to advance EU Mission Objectives

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
		2021		
<b>Opening: TBD</b>				
<b>Deadline(s): TBD</b>				
HORIZON-MISS-2022-SOCIALCAT-01 A European Social Catalyst Fund to Advance EU Mission Objectives by Replicating and Scaling-up Existing, Demonstrably Successful Social Innovations	CSA	30.00	Around 30.00	1
Overall indicative budget		30.00		