

# **HORIZON EUROPE „MISSIONS“**

## **DRAFT - TOPICLISTE**

### **AUSSCHREIBUNGEN 2021 UND 2022**

**Achtung: Vorläufige Informationen, Inhalte und Daten können sich noch ändern!**

#### **Publication:**

- voraussichtlich am 22. Dezember 2021

#### **Deadlines:**

- Mission Adaptation to climate change: 12<sup>th</sup> April 2022
- Mission Cancer: 20<sup>th</sup> Oct. 2021, 26<sup>th</sup> April 2022
- Mission Restore our Ocean, seas and waters by 2030: 31<sup>st</sup> March 2022
- Mission Climate neutral and smart cities: 26<sup>th</sup> April and 6<sup>th</sup> Sept. 2022
- Mission Soil health and food: 20<sup>th</sup> Oct. 2021, 24<sup>th</sup> March 2022
- Destination Deployment of NEB lighthouse demonstrators in the context of missions: 25<sup>th</sup> Jan. 2022

#### **Project Types:**

- RIA – Research and Innovation Action
- IA – Innovation Action
- CSA – Coordination and Support Action
- PP – Public procurement
- FPA – Framework Partnership Agreement

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## 1 MISSION: ADAPTION TO CLIMATE CHANGE

### 1.1 Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission, *Deadline 12<sup>th</sup> April 2022*

Topic Title	Instrument
HORIZON-MISS-2021-CLIMA-02-01 Development of climate change risk assessments in European regions and communities based on a transparent and harmonised Climate Risk Assessment approach	RIA - <i>expected EU contribution per project 15-20 million Euro, for 1 project</i>
HORIZON-MISS-2021-CLIMA-02-02 Support to the regions in developing pathways towards climate resilience and corresponding innovation agendas	RIA - <i>expected EU contribution per project 25-30 million Euro, for 1 project</i>
HORIZON-MISS-2021-CLIMA-02-03 Towards asset level modelling of climate risks and adaptation	RIA - <i>expected EU contribution per project 1.5-2.5 million Euro, for 2 projects</i>
HORIZON-MISS-2021-CLIMA-02-04 Large scale demonstrators of climate resilience creating cross-border value	IA - <i>expected EU contribution per project 15-25 million Euro, for 2 projects</i>
HORIZON-MISS-2021-CLIMA-02-05 Local engagement of citizens in the co-creation of societal transformational change for climate resilience	CSA - <i>expected EU contribution per project 3-5 million Euro, for 1 project</i>
Other Actions: Procurement Building the Implementation Platform for the Climate Adaptation Mission	PP - <i>expected EU contribution per project 10 million Euro</i>

## 2 MISSION: CANCER

### 2.1 Preparing UNCAN.eu, a European initiative to understand cancer, *Deadline 20<sup>th</sup> Oct. 2021*

Topic Title	Instrument
HORIZON-MISS-2021-UNCAN-01-01 Preparing UNCAN.eu, a European initiative to understand cancer	CSA - <i>expected EU contribution per project 3 million Euro, for 1 project</i>

## 2.2 Call - Research and Innovation actions supporting the implementation of the Mission on Cancer, *Deadline 26<sup>th</sup> April 2022*

Topic Title	Instrument
HORIZON-MISS-2021-CANCER-02-01: Develop new methods and technologies for cancer screening and early detection	RIA - <i>expected EU contribution per project 4-15 million Euro, for 10 projects</i>
HORIZON-MISS-2021-CANCER-02-02 Develop and validate a set of quality of life and patient preference measures for cancer patients and survivors	RIA - <i>expected EU contribution per project 11 million Euro, for 1 project</i>
HORIZON-MISS-2021-CANCER-02-03 Better understand healthy versus cancer cells at the individual or population level through large-scale integration of research, health and non-health data (the UNCAN.eu concept)	RIA - <i>expected EU contribution per project 4-15 million Euro, for 6 projects</i>
Other Action: Procurement actions to support the mission on cancer	PP - <i>expected EU contribution 2 million Euro</i>

## 3 MISSION: RESTORE OUR OCEAN, SEAS AND WATERS BY 2030

### 3.1 Call - Protect and restore marine and freshwater ecosystems and biodiversity, *Deadline 31<sup>st</sup> March 2022*

Topic Title	Instrument
HORIZON-MISS-2021-OCEAN-02-01 European Blue Parks	IA - <i>expected EU contribution per project 8.5 million Euro, for 2 projects</i>
HORIZON-MISS-2021-OCEAN-02-02 Danube river basin lighthouse – restoration of freshwater ecosystems	IA - <i>expected EU contribution per project 8.5 million Euro, for 2 projects</i>
HORIZON-MISS-2021-OCEAN-02-03 Atlantic and Arctic basin lighthouse – restoration of marine and coastal ecosystems and increased climate resilience	IA - <i>expected EU contribution per project 8.5 million Euro, for 2 projects</i>

Topic Title	Instrument
HORIZON-MISS-2021-OCEAN-02-04 Danube river basin lighthouse – coordination activities	CSA - expected EU contribution per project 3 million Euro, for 1project
HORIZON-MISS-2021-OCEAN-02-05 Atlantic and Arctic basins lighthouse – coordination activities	CSA - expected EU contribution per project 3 million Euro, for 1project

### **3.2 Call - Prevent and eliminate pollution of our ocean, seas and waters, Deadline 31<sup>st</sup> March 2022**

Topic Title	Instrument
HORIZON-MISS-2021-OCEAN-03-01 Mediterranean sea basin lighthouse - actions to prevent, minimise and remediate litter and plastic pollution	RIA - expected EU contribution per project 8.5 million Euro, for 2 projects
HORIZON-MISS-2021-OCEAN-03-02 Mediterranean sea basin lighthouse – coordination activities	CSA - expected EU contribution per project 3 million Euro, for 1 project

### **3.3 Call - Sustainable, carbon-neutral and circular Blue economy, Deadline 31<sup>st</sup> March 2022**

Topic Title	Instrument
HORIZON-MISS-2021-OCEAN-04-01 Lighthouse in the Baltic and the North sea basins – Low impact marine aquaculture and multi-purpose use of marine space	IA - expected EU contribution per project 8 million Euro, for 2 projects
HORIZON-MISS-2021-OCEAN-04-02 Baltic and North sea basins lighthouse – coordination activities	CSA - expected EU contribution per project 3 million Euro, for 1 project

### 3.4 Call - Mission Enabling activities: Digital knowledge system, public mobilisation and engagement, dynamic investment ecosystem, international cooperation, *Deadline 31<sup>st</sup> March 2022*

Topic Title	Instrument
HORIZON-MISS-2021-OCEAN-05-01 Underlying models for the European Digital Twin Ocean	IA - <i>expected EU contribution per project 7 million Euro, for 1 project</i>
HORIZON-MISS-2021-OCEAN-05-02 Cultural and emotional relation of young generations with the sea and water	RIA - <i>expected EU contribution per project 1 million Euro, for 1 project</i>
HORIZON-MISS-2021-OCEAN-05-03 Piloting citizen science in marine and freshwater domains	CSA - <i>expected EU contribution per project 2 million Euro, for 1 project</i>
Other Actions: EU Public Infrastructure for the European Digital Twin Ocean	IA - <i>expected EU contribution 3 million Euro</i>
Procurements: Mission ocean, seas and waters implementation support platform – overall Mission coordination and monitoring; European Clue parks technical assistance; citizen engagement; communication	PP - <i>expected EU contribution 5 million Euro</i>

## 4 MISSION: CLIMATE NEUTRAL AND SMART CITIES

### 4.1 Call - Research and Innovation actions to support the implementation of the Climate-Neutral and Smart Cities Mission, *Deadline 26<sup>th</sup> April 2022*

Topic Title	Instrument
HORIZON-MISS-2021-CIT-02-01 Urban planning and design for just, sustainable, resilient and climate-neutral cities by 2030	IA - <i>expected EU contribution per project 11-12 million Euro, for 3 projects</i>
HORIZON-MISS-2021-CIT-02-02 Unleashing the innovation potential of public transport as backbone of urban mobility	IA - <i>expected EU contribution per project 12-20 million Euro, for 3 projects</i>

Topic Title	Instrument
HORIZON-MISS-2021-CIT-02-03 Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform	FPA – 1 Project
HORIZON-MISS-2021-CIT-02-04 Positive Clean Energy Districts	IA - <i>expected EU contribution per project 15-20 million Euro, for 2 projects</i>
HORIZON-MISS-2021-CIT-02-05 Global cooperation and exchange on urban climate neutrality	CSA - <i>expected EU contribution per project 2 million Euro, for 1 project</i>

#### **4.2 Call - Research and Innovation actions for support the implementation of the Climate-neutral and Smart Cities Mission, Deadline 6<sup>th</sup> Sept. 2022**

Topic Title	Instrument
HORIZON-MISS-2022-CIT-01-01 Designing inclusive, safe, affordable and sustainable urban mobility	IA - <i>expected EU contribution per project 8-12 million Euro, for 4 projects</i>

## **5 MISSION: SOIL HEALTH AND FOOD**

### **5.1 Call - Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge Deadline 20<sup>th</sup> Oct. 2021**

Topic Title	Instrument
HORIZON-MISS-2021-SOIL-01-01 Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge	CSA - <i>expected EU contribution per project 5 million Euro, for 1 project</i>

## 5.2 Call - Research and Innovation and other actions to support the implementation of a mission in the area of Soil health and Food

**Deadline 24<sup>th</sup> March 2022**

Topic Title	Instrument
HORIZON-MISS-2021-SOIL-02-01 From knowledge gaps to roadmaps on soil mission objectives	CSA - expected EU contribution per project 5 million Euro, for 1 project
HORIZON-MISS-2021-SOIL-02-02 Validating and further developing indicators for soil health and functions	RIA - expected EU contribution per project 12 million Euro, for 1 project
HORIZON-MISS-2021-SOIL-02-03 Linking soil health to sustainable food	RIA - expected EU contribution per project 7 million Euro, for 1 project
HORIZON-MISS-2021-SOIL-02-04 Social, economic and cultural factors driving land management and land degradation	RIA - expected EU contribution per project 10 million Euro, for 2 projects
HORIZON-MISS-2021-SOIL-02-05 Incentives and business models for soil health	RIA - expected EU contribution per project 10 million Euro, for 2 projects
HORIZON-MISS-2021-SOIL-02-06 Engage with and activate municipalities and regions to protect and restore soil health	CSA - expected EU contribution per project 10 million Euro, for 3 projects
HORIZON-MISS-2021-SOIL-02-07 National engagement sessions and support to the establishment of soil health living labs	CSA - expected EU contribution per project 3 million Euro, for 1 project
HORIZON-MISS-2021-SOIL-02-08 Next generation soil advisors (showcasing examples for the management of nutrients and soil organic carbon)	RIA - expected EU contribution per project 5 million Euro, for 1 project
Other Action: Procurements: Mission Implementation platform	PP - expected EU contribution per project 3 million Euro



## 6 DESTINATION: DEPLOYMENT OF NEB LIGHTHOUSE DEMONSTRATORS IN THE CONTEXT OF MISSIONS

### 6.1 Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions, *Deadline 25<sup>th</sup> Jan 2022*

Topic Title	Instrument
HORIZON-MISS-2021-NEB-01-01 Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions	CSA - <i>expected EU contribution per project 3-5 million Euro for 5 projects</i>

## 7 KONTAKT

**Dr. Michalis Tzatzanis**

**Thematischer Experte für „Mission: Adaption to climate change“**

Tel.: +43 (0)5 7755 – 4405, E-Mail: [michalis.tzatzanis@ffg.at](mailto:michalis.tzatzanis@ffg.at)

**Dr. Ines Haberl**

**Thematische Expertin für „Mission: Cancer“**

Expertin für Innovative Medicines Initiative (IMI), Mission Cancer

Tel.: +43 (0)5 7755 – 4103, E-Mail: [ines.haberl@ffg.at](mailto:ines.haberl@ffg.at)

**DI Susanne Meissner-Dragosits**

**Thematische Expertin für „Mission: Oceans, seas and waters“**

Tel.: +43 (0)5 7755 – 4406, E-Mail: [susanne.dragosits@ffg.at](mailto:susanne.dragosits@ffg.at)

**DI Dr. Simone Jährig**

**Thematische Expertin für „Mission: Soil health and food“**

Tel.: +43 (0)5 7755 – 4106, E-Mail: [simone.jaehrig@ffg.at](mailto:simone.jaehrig@ffg.at)

**DI Siegfried Loicht**

**Thematischer Experte für „Mission: Climate neutral and smart cities“**

Tel.: +43 (0)5 7755 – 4304, E-Mail: [siegfried.loicht@ffg.at](mailto:siegfried.loicht@ffg.at)

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