

# Horizont Europa – Arbeitsprogramm 2023-2024

## 12. Missionen (nur für 2023)

Topics und ihre Beratung durch die NKS in Deutschland

Stand: 03.12.2022

### Mission Calls

#### Mission: Adaptation to Climate Change

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-CLIMA-01-01	Testing and demonstrating transformative solutions increasing climate resilience of the agriculture and/or forestry sector <b>IA</b>	<a href="#">NKS KEM   Klima</a>	<a href="#">NKS Bioökonomie &amp; Umwelt;</a> <a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CLIMA-01-02	Testing and demonstrating transformative solutions to protect critical infrastructure from climate change, mainstreaming nature based solutions <b>IA</b>	<a href="#">NKS KEM   Klima</a>	<a href="#">NKS Sicherheit;</a> <a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CLIMA-01-03	Testing and demonstrating transformative solutions to build resilience towards health risks caused by the effects of climate change <b>IA</b>	<a href="#">NKS KEM   Klima</a>	<a href="#">NKS</a> <a href="#">Forschungsinfrastrukturen;</a> <a href="#">NKS Gesellschaft</a> <a href="#">NKS Gesundheit</a>

#### Mission Cancer

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-CANCER-01-01	Addressing poorly-understood tumour-host interactions to enhance immune system-centred treatment and care interventions in childhood, adolescent, adult and elderly cancer patients <b>RIA</b>	<a href="#">NKS Gesundheit</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CANCER-01-02	Enhance primary cancer prevention through sustainable behaviour change <b>RIA</b>	<a href="#">NKS Gesundheit</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CANCER-01-03	Pragmatic clinical trials on minimally invasive diagnostics <b>RIA</b>	<a href="#">NKS Gesundheit</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CANCER-01-04:	Establish best practices and tools to improve the quality of life for childhood cancer patients, survivors and their families in European regions <b>IA</b>	<a href="#">NKS Gesundheit</a>	<a href="#">NKS Gesellschaft</a>

## Mission: Restore our Ocean, Seas and Waters by 2030

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-OCEAN-01-01	European Blue Parks – Protection and restoration of marine habitats <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-OCEAN-01-02	Danube river basin lighthouse – Demonstration of effective and sustainable management of sediments in the Danube river-Black sea system <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Forschungsinfrastrukturen</a>
HORIZON-MISS-2023-OCEAN-01-03	Atlantic and Arctic sea basin lighthouse – Addressing climate change and human activities threats to marine biodiversity <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Forschungsinfrastrukturen</a>
HORIZON-MISS-2023-OCEAN-01-04	European natural lakes: demonstration of integrated approaches for protection and restoration of natural lake ecosystems and their biodiversity <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-OCEAN-01-05	Lighthouse in the Baltic and the North Sea basins - Lighthouse in the Baltic and the North Sea basins - Green and energy-efficient small-scale fishing fleets <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-OCEAN-01-06	Cross-basin topic - Innovative nature-inclusive concepts to reconcile offshore renewables with ocean protection <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-OCEAN-01-07	Cross-basin topic - Analysis of the obstacles and opportunities for repurposing aged / unused offshore infrastructures <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-OCEAN-01-08	Integration of socio-ecological models into the Digital Twin Ocean <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft;</a> <a href="#">NKS DIT</a>
HORIZON-MISS-2023-OCEAN-01-09	Roadmap towards the integration of inland waters into the Digital Twin Ocean <b>CSA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Forschungsinfrastrukturen;</a> <a href="#">NKS DIT</a>
HORIZON-MISS-2023-OCEAN-01-10	Choose your fish: a campaign for responsible consumption of products from the sea <b>CSA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-OCEAN-01-11	Ocean & water and arts: the contribution of creative sectors to Mission Ocean and waters <b>CSA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>

## Mission: Climate Neutral and Smart Cities

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-CIT-01-01	Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission) <b>IA</b>	<a href="#">NKS KEM</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-CIT-01-02	Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities <b>IA</b>	<a href="#">NKS KEM   Energie</a>	<a href="#">NKS DIT</a>
HORIZON-MISS-2023-CIT-02-01	Associating Ukrainian cities to the Climate-neutral and smart cities Mission <b>CSA</b>	<a href="#">NKS KEM   Klima</a>	-

## Mission: Soil Health and Food

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-SOIL-01-01	Discovering the subsoil <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-SOIL-01-02	Soil pollution processes – modelling and inclusion in advanced digital decision-support tools <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS DIT</a>
HORIZON-MISS-2023-SOIL-01-03	Onsite digital technologies to monitor nutrients and chemical or biological stressors in soil and plants with relevance for food safety and nutrition <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS DIT</a>
HORIZON-MISS-2023-SOIL-01-04	Innovations to prevent and combat desertification <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-SOIL-01-05	Soil-friendly practices in horticulture, including alternative growing media <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-SOIL-01-06	Soils in spatial planning <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-
HORIZON-MISS-2023-SOIL-01-07	Back to earth: bringing communities and citizens closer to soil <b>CSA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-SOIL-01-08	Co-creating solutions for soil health in Living Labs <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>
HORIZON-MISS-2023-SOIL-01-09	Carbon farming in living labs <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-SOIL-01-10	Social, economic and cultural factors driving land management and land degradation <b>RIA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS Gesellschaft</a>

## Missions' Joint Calls

### **Joint Call between Mission 100 Climate Neutral and Smart Cities by 2030 and Mission Adaptation to Climate Change**

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-CLIMA-CITIES-01-01	Urban greening and re-naturing for urban regeneration, resilience and climate neutrality <b>IA</b>	<a href="#">NKS KEM   Klima</a>	<a href="#">NKS Gesellschaft</a>

### **Joint Call between Mission Restore our Ocean and Waters by 2030, Mission Adaptation to Climate Change and Mission A Soil Deal for Europe**

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-CLIMA-OCEAN-SOIL-01-01	Mission Climate adaptation, Mission Ocean & waters and Mission Soil Deal for Europe – Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	<a href="#">NKS KEM   Klima</a>

### **Joint Call between Mission Restore our Ocean and Seas by 2030 and Mission A Soil Deal for Europe**

Kennung	Topic	Erstkontakt NKS	Weitere NKS
HORIZON-MISS-2023-OCEAN-SOIL-01-01	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 <b>IA</b>	<a href="#">NKS Bioökonomie &amp; Umwelt</a>	-