

Project Partner Search Form

I want to create a consortium as a Coordinator and I am looking for Project Partners

I offer my expertise to participate as a Partner in a consortium

TOPICS OF INTEREST

HORIZON-CL3-2024-BM-01-02, (Interoperability for border and maritime surveillance and situational awareness)

HORIZON-CL3-2024-INFRA-01-03, (Advanced real-time data analysis used for infrastructure resilience)

PARTNER INFORMATION

The Institute for the Protection of Maritime Infrastructure is located in Bremerhaven Germany. Its scientific and technical activities focus on the resilience of maritime infrastructures. The objective of all of its concepts, analyses, developments and tests is to enable maritime infrastructures as complex systems – with support from various players, users and stakeholders – to recognise and prevent threats, adapt to them and counter their effects in a timely and efficient manner.

We work closely with German public authorities and port of Bremerhaven, as well as other German stakeholders.

Description of the Legal Entity

Legal name: We are part of DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV, PIC 999981731

- | | | |
|---|--|---|
| <input type="checkbox"/> Higher Education | <input checked="" type="checkbox"/> Research Institution | <input type="checkbox"/> Public Administration |
| <input type="checkbox"/> Industry /SME | <input type="checkbox"/> NGO | <input type="checkbox"/> Other: <i>Please specify</i> |

Description of the Team's Expertise:

The institute works in three main research fields:

1. Resilience engineering, consisting of risk and resilience assessment and modeling.
2. Security technologies (Cameras, acoustic sensors, situation awareness), including research equipment such as AUV, mobile situation awareness room, and sensors.
3. Responsible research i.e. Social Sciences and Humanities (SSH)

Expertise you can bring in the specific topic:

HORIZON-CL3-2024-BM-01-02, (Interoperability for border and maritime surveillance and situational awareness)

We are especially interested in the topic: *Improved surveillance and situational awareness of sea borders, but also of maritime infrastructures as harbours and commercial and civilian maritime security.*

We can provide following expertise:

1. camera and acoustic sensor technologies, and an AUV,
2. modeling of sensor performance in threat scenarios
3. Connections to the German coast guard, as well as other DLR institutes with satellite and radar technologies

Improved multi-level, multi-authority and cross-border (among Member States and Associated Countries practitioners) collaboration thanks to better interoperability of sensing, analysis and C2 systems.

1. We have a mobile situation awareness room and we do reasearch to enable simultaneous connection of different sensors
2. Connection to German public authorities who need and work with these kind of data

HORIZON-CL3-2024-INFRA-01-03, (Advanced real-time data analysis used for infrastructure resilience)

Tools and processes for facilitating stakeholders efforts to identify, analyse, assess and continuously monitor risks and boost adaptive capacity to unexpected events risks in advance by allowing for the analysis of various data sources:

- We are currently conducting this kind of research with an infrastructure operator from the port of Bremerhaven and a local SME.

Fast and continuous real-time identification, classification and tracking of hazardous agents, contaminants or anomalies in infrastructure networks and supply-chains;

Potential role in the project

Research

Training

Dissemination

Other: Online participatory platform

Already experienced as a:	Coordinator	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	Partner	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Expert Evaluator	<input type="checkbox"/> YES	<input type="checkbox"/> NO

CONTACT DETAILS

Contact Person: Arto Niemi
Organisation: DLR-MI
City: Bremerhaven
Country: Germany
Phone: +49 471 92419913
Email: arto.niemi@dlr.de
Organisation Website: www.dlr.de/mi

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