

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-CL3-2023-BM-01-01: Capabilities for border surveillance and situational awareness

HORIZON-CL3-2023-DRS-01-04: Internationally coordinated networking of training centres for the validation and testing of CBRN-E tools and technologies in case of incidents, with consideration of human factors

HORIZON-CL3-2023-DRS-01-05: Robotics: Autonomous or semi-autonomous UGV systems to supplement skills for use in hazardous environments

HORIZON-CL3-2024-DRS-01-01: Prevention, detection, response and mitigation of chemical, biological and radiological threats to agricultural production, feed and food processing, distribution and consumption

HORIZON-CL3-2024-DRS-01-05: Cost-effective sustainable technologies and crisis management strategies for RN large-scale protection of population and infrastructures after a nuclear blast or nuclear facility incident

PARTNER INFORMATION

GAMMA Technical Corporation is a significant defence equipment manufacturer company, with the widest defence product portfolio in Hungary. It was founded in 1920 and with several decades of experience Gamma's products are mainly made for military, civil protection and radiation protection applications.

Description of the Legal Entity

Legal name: Gamma Technical Corporation

Higher Education

Research Institution

Public Administration

Industry /SME

NGO

Other: ***Please specify***

Description of the Team's Expertise:

Our extensive product range consists of radiation detection and measuring instruments, integrated CBRN/HazMat reconnaissance systems, monitoring and early warning networks, meteorological instruments, as well as reconnaissance and first response vehicles, personal respiratory protective equipment, decontamination and field deployable supporting equipment, special purpose vehicles and trailers.

The **main research areas** in which Gamma Technical Corporation is active are:

Currently, we are involved in two EU-financed R&D projects. In cooperation with specialists from one local university, we are developing a remote-controlled vehicle platform with autonomous surveillance and CBRN detection capabilities. Our mission is to design customer-tailored vehicles and mobile systems.

In another project, we are improving the capabilities for CBRN risk assessment, detection, early warning and surveillance. In this project, we contribute different radiological and gas sensors.

Expertise you can bring in the specific topic:

Providing sensors to add CBRN detection capability to any application.

We offer customized gas sensors and radiation detectors with integrated radiation portal monitor and isotope identification functionalities. These sensors can extend the capability of existing border surveillance systems or vehicle platforms.

Designing, and manufacturing special purpose vehicles/trailers/containers.

We design and manufacture special vehicles for different types of applications. Our mobile CBRN laboratories, radiation-shielded special vehicles, light armoured multipurpose firefighter vehicles with interchangeable superstructures, and mobile decontamination systems are in service at Disaster Management, Military and at other organizations. In cooperation with specialists from one local university, we are about to develop a remote-controlled vehicle platform with autonomous surveillance and CBRN detection capabilities. Our mission is to design customer-tailored vehicles and mobile systems.

Creating constructive simulation and training systems for CBRNe purposes.

Our software environment is able to create constructive simulations of CBRNe events and is prepared to adapt to special customer requests. We already created vehicle-based reconnaissance simulation systems and country-size monitoring training systems and we created container-based and fixed installation training facilities, where professionals can be trained.

Potential role in the project

Research

Training

Dissemination

Other: Online participatory platform

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

CONTACT DETAILS

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