SafeShore

System for detection of Threat Agents
in Maritime Border Environment

WHAT IS SAFESHORE?

SafeShore is a system developed to detect threat agents in maritime border environment: low altitude drones and their remote control equipment, small vessels coming to shore, humans emerging from the sea. It was designed to be affordable, easily deployable in border surveillance and incorporating low cost and green technologies, with reduced impact on the environment.

SafeShore

THE SAFESHORE SYSTEM CAN BE USED AS:

a. Stationary detection point:

- in harbour areas, at river border crossing, to detect remote delivery of explosives or chemical weapons, and border trafficking of drugs
- for coast radars, to detect remote delivery of explosive charges

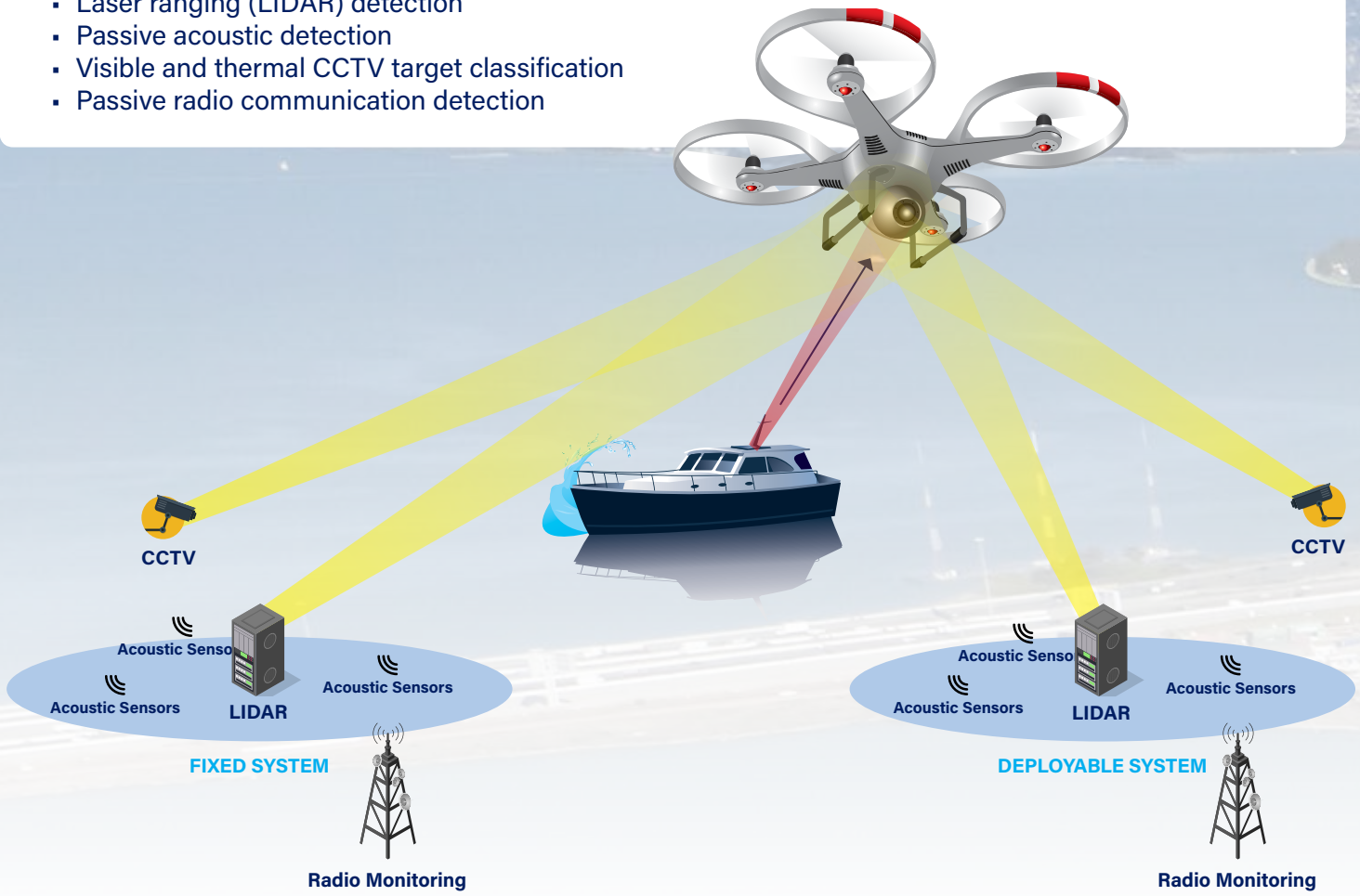
b. Stationary chain-of-detectors along high-risk border areas

c. Mobile deployable system in areas where intelligence predicts higher volume of illegal or threatening activities

WHAT TECHNOLOGIES DOES SAFESHORE USE?

SafeShore develops a system that integrates multiple commercially available detection technologies to ensure the detection of low-altitude flying drones and small boats.

- Laser ranging (LIDAR) detection
- Passive acoustic detection
- Visible and thermal CCTV target classification
- Passive radio communication detection



WHO ARE THE BENEFICIARIES OF THE SAFESHORE PROJECT?

- **Border protection organizations**
- **Law enforcement agencies**
- **Government officials protection organizations**
- **Critical infrastructure operators**
- **Administrators of environmental protected areas**
- **Public and sports events organizers**

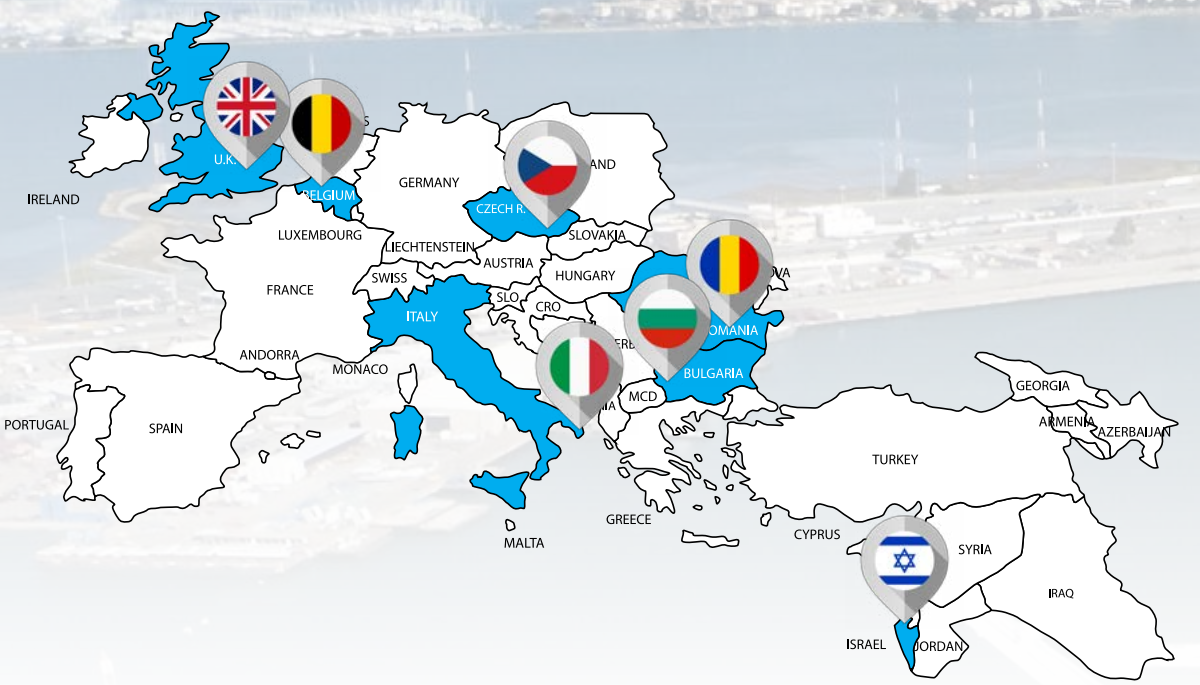
WHO DEVELOPS THE SAFESHORE PROJECT?

Academia Partners	Country	Contribution
Royal Military Academy of Belgium	Belgium	Consortium coordinator, passive radio detection
Queen Mary University of London	UK	Video analytics
University of Salento	Italy	Analysis and data fusion

Industry Partners	Country	Contribution
Dr. Frucht Systems Ltd.	Israel	Laser detection systems and algorithms
UTI Grup	Romania	Video analytics, data fusion, GIS & C2
TG Drives	Czech Republic	Laser detection systems platform
Optix	Bulgaria	Visible & thermal camera systems

Research Partners	Country	Contribution
Institute of Optoelectronics	Romania	Visible & thermal camera systems

End User Partners	Country	Contribution
The Protection and Guard Service	Romania	Field trial of the system (Black Sea)
Ministry of Public Security	Israel	Field trial of the system (Mediteranean Sea)
Police Region West Coast	Belgium	Field trial of the system (North Sea)



SafeShore

project website
http://safeshore.eu

facebook page
facebook.com/SafeShore.EU

twitter account
twitter.com/SafeShore_EU

linkedIn profile
linkedin.com/groups/8550550/profile