Magen David Adom in Israel (MDA)

Description of organization
Magen David Adom in Israel is the National Emergency Medical Service (EMS) for the state of Israel, National Blood Service and the National Red Cross Society.   MDA serves 7.8 million inhabitants (the Israeli population) through 11 state of the art operations centres with a highly advanced C4I system, a fleet of around 900 vehicles (basic and advanced life support ambulances, a medical evacuation helicopter, and special operations appliances – all train, motorcycles) all tracked through localisation systems. MDA has 1650 staff members and 10'000 volunteers who respond to about 1250 calls for assistance daily. MDA blood services, recruit the donor, collect the unit, test it, and provide the different blood products to the hospitals. This is achieved through a state of the art system, for 1000 blood units per day.   MDA has the responsibility to prepare for, respond to and learn from all health related emergencies.   As the national EMS and National Red Cross society, is involved in preparing for and responding to various disasters (conflict related, natural and technological), by preparing the protocols, purchase of the equipment, training of staff, volunteers and the communities, and by working with the communities on their resilience and response capacities. Prepositioning of stocks, supply chains to ensure prompt and efficient response to national and international disasters is of particular interest for MDA.

Previous relevant experience
Magen David Adom was involved in more than 15 EU funded projects, both coordination and support actions, as well as technological development projects. The main areas of interest for MDA in the projects: - Emergency response to crisis and emergency situations, both on the medical aspect as well as general crisis management and response.   - Command and control systems, tools for common operational picture – gathering, analysing, integration and dissemination of the COP.   - CBRN preparedness and response.   - Community resilience, preparedness and response. Volunteers and citizens empowerment.   - Psychosocial support in emergencies – preparedness and response.   - International and cross border response in emergencies.   - Networking of emergency responders (building on the vast global network MDA has).

Areas of interest for 2023 - 2024 call:

	TOPIC ID
Improving social and societal preparedness for disaster response and health emergencies	HORIZON-CL3-2023-DRS-01-01
Design of crisis prevention and preparedness actions in case of digital breakdown (internet, electricity etc.)	HORIZON-CL3-2023-DRS-01-02
Operability and standardisation in response to biological toxin incidents	HORIZON-CL3-2023-DRS-01-03
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-01-04
Robotics: Autonomous or semi-autonomous UGV systems to supplement skills for use in hazardous environments	HORIZON-CL3-2023-DRS-01-05
Increased technology solutions, institutional coordination and decision-support systems for first responders of last-kilometer emergency service delivery	HORIZON-CL3-2023-DRS-01-06
Harmonised / Standard protocols for the implementation of alert and impact forecasting systems as well as transnational emergency management in the areas of high-impact weather / climatic and geological disasters	HORIZON-CL3-2024-DRS-01-03

	TOPIC ID
Hi-tech capacities for crisis response and recovery after a natural-technological (NaTech) disaster	HORIZON-CL3-2024-DRS-01-04
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	HORIZON-CL3-2024-DRS-01-05

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Some projects:
NO FEAR - https://no-fearproject.eu/
NIGHTINGALE - https://www.nightingale-triage.eu/
RISKPACC - https://www.riskpacc.eu/
COVINFORM - https://www.covinform.eu/
DRIVER+ - https://www.driver-project.eu/
S HELP - https://cordis.europa.eu/project/id/607865
OPSIC - https://cordis.europa.eu/project/id/312783
ESS - https://cordis.europa.eu/project/id/217951