

# **KERNEL** – Knowledge nEtwork of disaster R Resilience stakeholders for iNnovation uptake & industrialization of Research Results

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- *SATWAYS LTD*
- *Role : Proposal coordinator*
- Proposal activity: CL3-2022-SSRI-01-02 *Knowledge Networks for security Research & Innovation*  
**Option A** " Disaster Resilience"

# Proposal idea/content

**Establish** a sustainable network of **Disaster Resilience** stakeholders – comprising practitioners, industry, research organizations, policy makers - that will support cooperative activity and offer co-creation RDI opportunities to **tackle existing and emerging threats** according a properly established **roadmap on the uptake and industrialisation of relevant RDI results**.

## **Main objectives:**

- **Gather and organize existing knowledge** (technologies, methods, tools, etc.) from previous and ongoing DRS/GM projects to work on the capability gaps identified by IFAFRI and the EU networks of practitioners in cooperation with DRMKC - Disaster Risk Management Knowledge Centre
- **KERNEL Platform:** Online Knowledge Hub & Collaboration Platform
  - Limited-access repository with the identified capability gaps and outcomes derived from security research, available for practitioners and stakeholders
  - Open-access repository with the identified and categorised standards and certification schemes required for the different kind of solutions
  - Online dashboard gathering and presenting all news, opportunities and constraints relevant to the industrialisation of results, available for practitioners and stakeholders
  - Promote collaboration among relevant stakeholders through Direct Messaging and Blogging capabilities, share of relevant events and collaborative activities, WG establishment, etc.
- Promote the uptake or the industrialization of prominent results through **short term joint events in well-established test sites (e.g., living labs, exercises and demos) under standardised validation procedures**. Regarding the formulation of concrete uptake recommendations, **KERNEL** will work to alleviate relevant operational, technical, legal, and financial constraints from.
- **Define priorities for future research and establish a continuous dialogue with the EC services to promote R&D results and knowledge to the operational DRS community**

# Project participants

- Proposed coordinator: SATWAYS LTD
- Looking for partners with the following expertise/ technology/ application field:
  - Coordinators/Technical managers of past and ongoing DRS H2020 / HEU projects to create a core cluster scheme.
  - Active end-users/ practitioners (Fire Service, Civil Protection, Police, Emergency services, and local authorities) with an operational role in the field of Disaster Resilience.
  - Representatives from Academia, RTOs, SMEs and Industry, having developed high-TRL solutions in the domain.
  - Partners-members of existing Networks of Practitioners projects
  - Standardisation Experts
  - Dissemination and exploitation experts