



EUROPEAN COMMISSION



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## Press Release

### GUARDIANS: Europe's flagship project to address nuclear crises

**Paris, October 2025** – The European Union has launched **GUARDIANS**, a strategic project under the **Horizon Europe – Cluster 3 “Disaster-Resilient Societies”** programme (Grant Agreement number 101225744). Its objective is to strengthen Member States' ability to anticipate, manage, and mitigate the consequences of a nuclear crisis. Coordinated by the **CEA**, this four-year project (2025–2029) will develop an integrated decision-support platform, GUARDNET for public authorities and frontline responders to improve the response organisations at different level (local, national and international).

In a context marked by the risks of reactor accidents, large-scale contamination, and geopolitical tensions affecting nuclear infrastructures, GUARDIANS brings together an unprecedented combination of:

- innovative and cost-effective Nuclear and Radiological detection technologies, robotics, medical triage tools, and protective measures,
- crisis-management methodologies and societal studies,
- table-top and field exercises.

#### A unique pan-European consortium committed for four years

The project brings together **22 partners** from **11 EU Member States and associated countries**, along with one Ukrainian partner, united by a shared ambition: strengthening the protection of first responders, populations and critical infrastructures facing Nuclear and Radiological risks.

The consortium brings together a uniquely diverse and complementary partnership:

- **5 Research and Technology Organisations (RTOs)** (CEA, ENEA, HUN-REN EK, IFE, PIB)
- **5 universities** (UCBL, NKUA, UCSC, EASS, VU),
- **6 innovative SMEs** (CAEN, OUVRY, ISYMAP, NUVIA, EXTENSEE, RAN),
- **1 industrial major security-detection company** (KNDS),
- **1 group of end-users**, including a nuclear safety authority (ASNR), first responders (SDMIS, APOZ, FRC, EASS), a major receiving hospital (UCSC), and a local authority (CC).

This multidisciplinary composition ensures direct alignment with operational needs and a strong capacity for technological transfer.

#### A major European investment for operational and field-ready solutions

**GUARDIANS** represents a significant investment aimed at equipping Europe with operational, validated, and field-adapted solutions to better protect populations and critical infrastructures against emerging nuclear risks.

## The GUARDIANS consortium

- **APOZ** (Fire University) – <https://fire.university/>
- **ASNR** (Autorité de sûreté nucléaire et de radioprotection) – <https://www.asnr.fr/>
- **CAEN** (Costruzioni Apparecchiature Elettroniche Nucleari CAEN SpA) – <https://www.caen.it/>
- **CC** (Comune di Civitavecchia) – <https://www.comune.civitavecchia.rm.it/>
- **CEA** (Commissariat à l'énergie atomique et aux énergies alternatives) – <https://www.cea.fr/>
- **EASS** (Sisekaitseakadeemia) – <https://www.sisekaitse.ee/>
- **EK** (HUN-REN Energiatudományi Kutatóközpont) – <https://www.ek.hun-ren.hu>
- **ENEA** (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile) – <https://www.enea.it/>
- **EXT** (Extensee) – <https://www.extensee.com/>
- **FRC** (Croix-Rouge française) – <https://www.croix-rouge.fr/>
- **IFE** (Institut for energiteknikk) – <https://ife.no/>
- **ISY** (ISYmap) – <https://www.isymap.com/>
- **KNDS** (KNDS France Robotics) – <https://www.knds.fr/>
- **NKUA** (Ethniko kai Kapodistriako Panepistimio Athinon) – <https://www.uoa.gr/>
- **NUVIA** (Nuvia AS) – <https://www.nuvia.com/>
- **OUVRY** (Ouvry SAS) – <https://www.ouvry.com/>
- **PIB** (Institut Biohimii im. O.V. Palladina Nacionalnoy Akademii Nauk Ukraini) - <https://www.biochemistry.org.ua/>
- **RAN** (Resilience Advisors Network) – <https://resilienceadvisors.eu/>
- **SDMIS** (Service départemental – métropolitain d'incendie et de secours) – <https://www.sdmis.fr/>
- **UCBL** (Université Claude Bernard Lyon 1) – <https://www.univ-lyon1.fr/>
- **UCSC** (Università Cattolica del Sacro Cuore - Fondazione Policlinico Gemelli) – <https://www.unicatt.it/>
- **VU** (Vrije Universiteit Amsterdam) – <https://vu.nl/>

Benkei supports the CEA and the consortium members for the management and communication activities of the project.

### About GUARDIANS

**GUARDIANS – inteGrated Users-driven risks Assessment platfoRm for Decision mAKers in Nuclear criSiS** – is a Horizon Europe project designed to provide the European Union with an integrated decision-support platform for nuclear-crisis management. Coordinated by the **CEA**, it brings together 22 scientific, industrial, and operational partners across Europe. [www.he-guardians.eu](http://www.he-guardians.eu)

Contacts: Laurence NAIGLIN, Benkei, [laurence@benkei.eu](mailto:laurence@benkei.eu)