

HORIZON-CL3-2027-01-DRS-03

Enhancing decision support system for disaster crises: leveraging emerging technologies for improved civil preparedness and crisis management

Real-time collaborative geospatial decision support system for disaster response



Company profile

Kalisio is a French SME developing **open-source geospatial platforms** for **operational decision support**. Our solutions enable organisations to collect, share and exploit **real-time geospatial information** for **critical operations**.

Industry	Geospatial software / SaaS
Maturity	TRL 7 – Validated through operational deployments
Partner sought	• Providers of simulation models (wildfire propagation, pollutant dispersion, flood modelling, etc.) willing to in operational systems. • End users with innovative requirements willing to validate and demonstrate a solution in operational conditions.

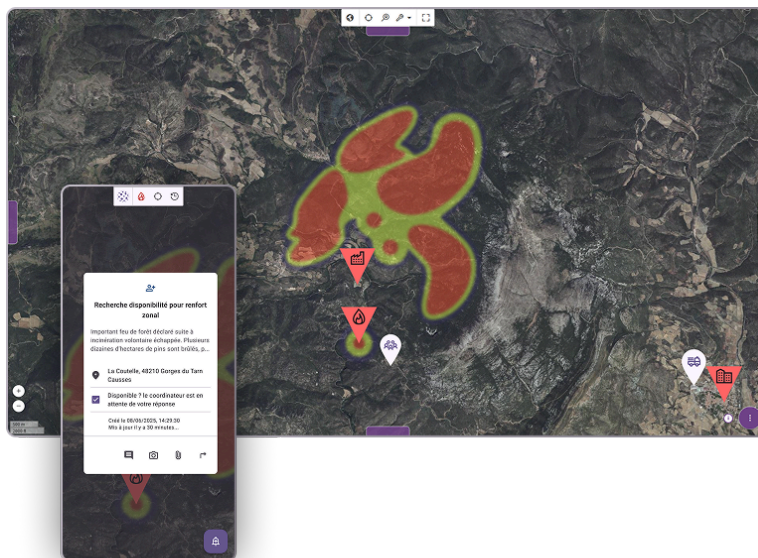
Core offering

Built on a **scalable microservices architecture**, our platform integrates **heterogeneous geospatial data**, **field information** and **third-party services** into a **shared operational picture**.

It provides reusable services for **mapping**, **real-time collaboration**, **user management**, **notifications** and **interoperable APIs**, enabling the rapid development of **operational applications**.

Use case - Kalisio Crisis Kalisio Crisis is an operational application built on our platform and designed for emergency and crisis management. It enables organisations to share a common operational picture, coordinate field teams	References ASNR – environmental monitoring and coordination during national nuclear crisis exercises. SDIS 47 – emergency response coordination and field team mobilisation.
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and integrate real-time geospatial information.



Current R&D activities

- Automated cross-analysis of simulation outputs and ground truth.
- AI-assisted analysis of field observations and imagery.
- Identification of areas of interest using simulation outputs to reduce operational latency.
- Integration of AI-generated information into collaborative decision-support platforms.
- Human-in-the-loop workflows for operational decision-making.

Administrative information

Kalisio is currently seeking a Partner role not a Coordinator role unless required for a project.

Participant Identification Code (PIC): 881247232.

Contact by email: contact@kalisio.com.

Priority Calls	ID
Support system for disaster crises	HORIZON-CL3-2027-01-DRS-03
Secondary Calls	ID
Critical entities resilience	HORIZON-CL3-2026-01-INFRA-03
Risk awareness	HORIZON-CL3-2026-01-DRS-01
Disaster risk solutions	HORIZON-CL3-2026-01-DRS-04

