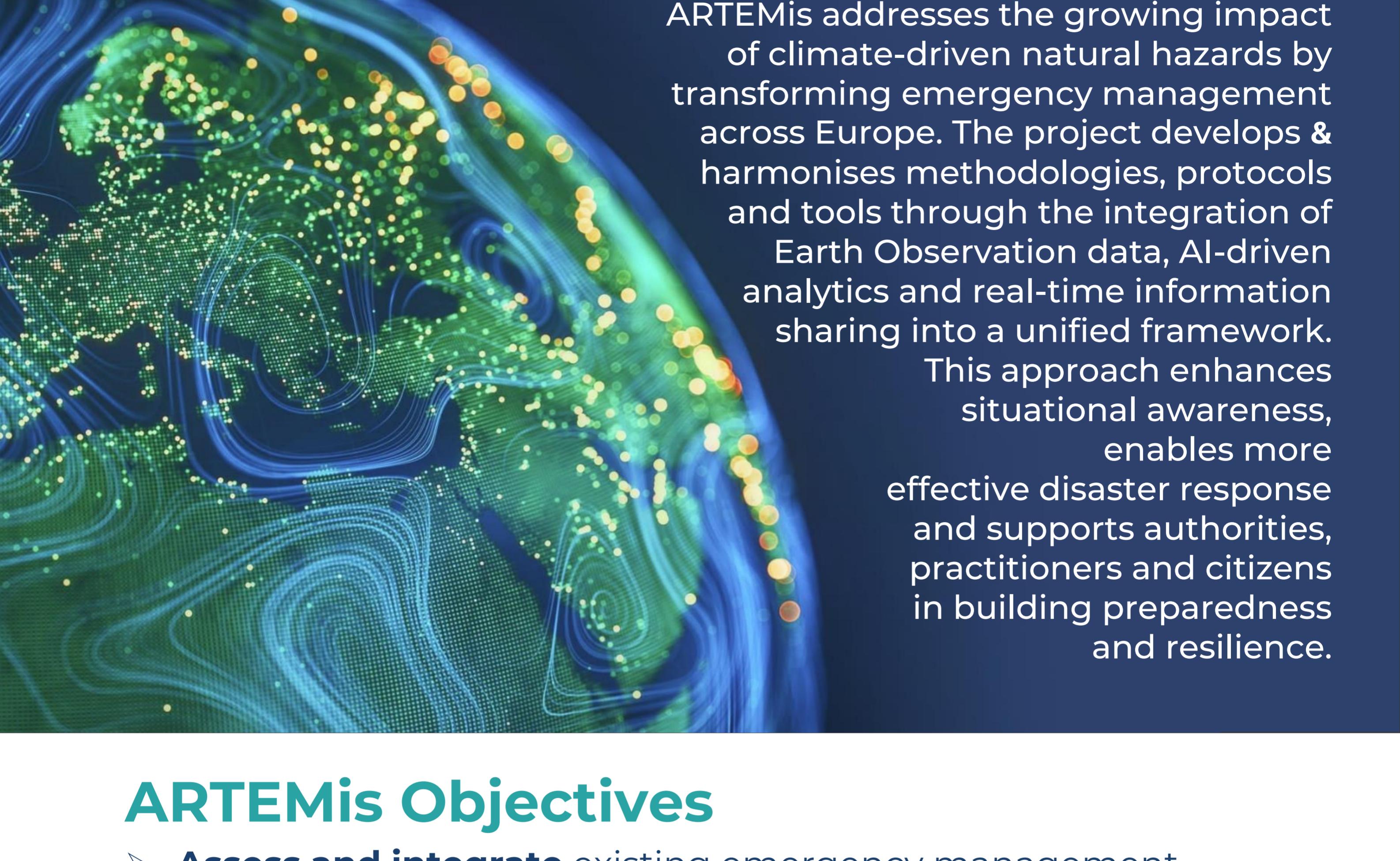




ARTEMis

AleRT and impact-forecast standards

for Emergency Management



ARTEMis addresses the growing impact of climate-driven natural hazards by transforming emergency management across Europe. The project develops & harmonises methodologies, protocols and tools through the integration of Earth Observation data, AI-driven analytics and real-time information sharing into a unified framework.

This approach enhances situational awareness, enables more effective disaster response and supports authorities, practitioners and citizens in building preparedness and resilience.

ARTEMis Objectives

- **Assess and integrate** existing emergency management systems across Europe into a coherent and interoperable framework.
- **Harmonise alert and impact forecasting systems**, enabling consistent, impact-based information delivery across borders.
- **Enhance risk awareness and capacity building** through targeted training, tools and knowledge transfer activities.
- **Validate solutions in real-world conditions** across diverse hazards, regions and operational contexts.
- **Enable wider dissemination and ecosystem building**, supporting uptake, collaboration and future exploitation of results.

Pilot Lines

ARTEMis validates its technologies through five pilot lines. Each pilot includes multiple real-world use cases, where the project analyses and re-runs data from significant past events validates its technologies under realistic conditions.

Pilot Line 1
Droughts

Pilot Line 2
Floods

Pilot Line 3
Wildfires

Pilot Line 4
Landslides

Pilot Line 5
Earthquakes

Italy, Slovenia &
Catalonia

Greece, Italy and
the cross-border
Alps-Adriatic
region

Attica

Friuli region

Friuli

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ARTEMis project



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