



SYNERGISE Project

Novel Toolkit for Improved Management of Natural and Man-Made Disasters



*A novel integrated **S**ystem of Systems **stre**ngthening **t**Echnical and
logistical capacities to ensure better **R**esponse to emer**G**encies by
synerg**I**stically **addr**essing first responders capability gaps*



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the European Union

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What

does *SYNERGISE* want to achieve?

The SYNERGISE novel toolkit will:

1. Boost situational awareness

and sense-making by offering first responders the means to autonomously and synergistically perform indoor and outdoor exploration of incident sites towards victim detection

2. Receive at all times information about responders' position and vitals

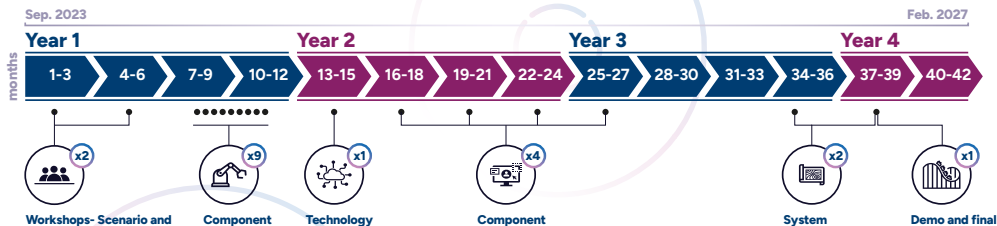
as well as analyses of passive and active threats and hazards at the area of operations

3. Upgrade collaborative response of the incident as well as of resources management by continuously sharing and updating the common operational picture across deployed teams, among the chain of command and between participating agencies

4. Equip the first responders at all fronts by delivering novel, affordable, accepted, and customized response tools and services as part of their operational assets.



How *is SYNERGISE going to achieve it?*



The testing phase of the system will be led by first responders from the consortium using an iterative testing framework. The field testing will be conducted in realistic scenarios that closely mimic the challenges encountered by first responders in their operational environment.

The objective is to develop a deployable, cost-effective, modular, and seamlessly interconnected toolkit, consisting of integrated technological components designed to directly address the needs of first responders.

Consortium

The SYNERGISE partners

The SYNERGISE consortium unites 17 partners from Europe, Japan and Korea combining expertise in innovation, technology advancement, research and development, and first responder organizations, bringing valuable insights from the end-user perspective.

Europe



Asia



Practitioners

Technisches
Hilfswerk



Management, Communication and Ethics

PNO INNOVATION

ethics

Technical and Research Organisations

ASTRIAL

NTNU
Norwegian University of
Science and Technology



sysnov

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