



# TEMA

TRUSTED  
EXTREMELY PRECISE  
MAPPING AND PREDICTION  
FOR EMERGENCY  
MANAGEMENT

## TEMA

will improve Natural Disaster Management (NDM) by developing beyond-state-of-the-art methods and technologies to support and facilitate disaster management procedures, dynamically exploiting multiple data sources and AI technologies for providing near-real-time assessment of an evolving crisis situation and automated response recommendations.

### Trustworthy information

access to heterogeneous, accurate, and reliable data is crucial to providing useful information to first responders and public protection and disaster relief

### Scenario prevision

the use of cutting-edge technologies and data analysis can increase the quality, precision, and completeness of the situational picture, particularly in sub-urban and more densely populated areas, and elaborate response strategies

### Transferability

a solution provided with cloud and edge computing infrastructure can offer scalability, performance, storage, ubiquitous access and security enabling global transferability of services and products to other geographic regions and disaster types



## OUR OBJECTIVES

1

**Improve NDM using new digital technologies and extreme data analytics.**

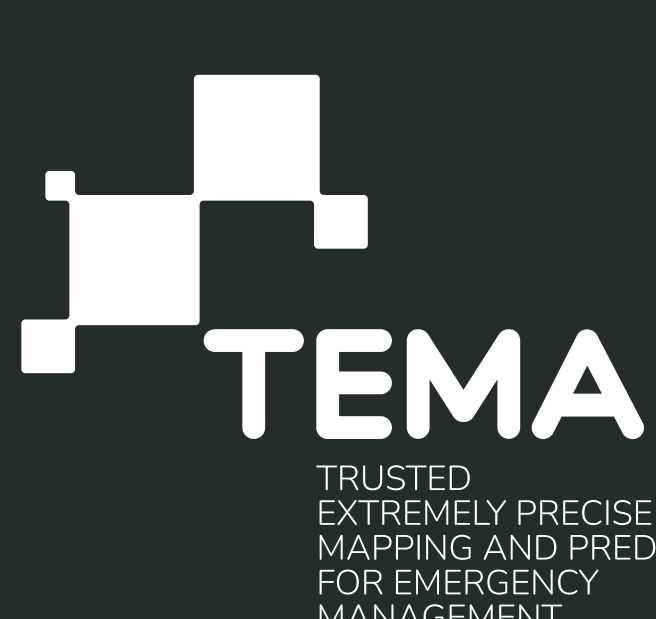
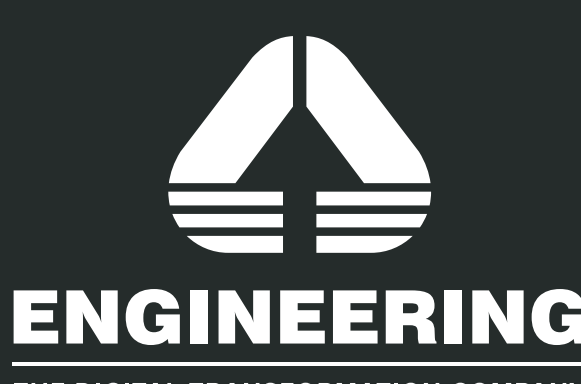
2

**Improve and accelerate extreme data analytics, by increasing trustworthiness, accuracy and responsiveness of extreme data analysis algorithms.**

3

**Improve and accelerate emergency phenomenon modeling, evolution predictions, simulation and interactive visualization.**

## Our Partners



Find us on



Funded by the European Union  
This project has received funding from the European Union's HE research and innovation programme under the grant agreement No. 101093003