# S.A.F.E.

## Sensor Analytics for Forecast Emergencies

# The S.A.F.E. team

## Luciano Burattin

Business Developer
Co-Founder

## Luca Pulga

Software Architect
Co-Founder


## Gaia Nardella

Data Scientist
Co-Founder

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# We leverage emerging technologies to mitigate natural disaster impacts

## Increasing number of natural disasters

**347** ➡ **432**

On average from 2001 to 2020 — in 2021

**Affected people**

**101 M**

**Economic losses**

**$ 252 B**

## Virtuous technological trends

- **Increased computing capacity:**
  - GPU high perf. computing
  - Quantum computing
- **Higher data quantity and quality:**
  - Hyperlocal sensor grid
  - Capillary satellite network

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Source: 2021 Disasters in number by UCLouvian, CRED, USAID - https://www.cred.be/sites/default/files/2021_EMDAT_report.pdf

# We are S.A.F.E.

| COLLECT | AGGREGATE | ANALYZE | INSIGHTS |
| --- | --- | --- | --- |
| • Historical data<br>• Data from Smart Grid Sensors<br>• Satellite Data<br>• Weather Station Data | • Severity<br>• Location | • AI<br>• Quantum computing | • Alert<br>• Risk Assessment<br>• Severity |

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# We offer tailored services for public, private and corporations

## Public amministration

**Offering**

- Mass calamity alerting

**Revenue**

- Subscription fee

## Individuals

**Offering**

- Tailored alerting

**Revenue**

- Subscription fee
- Hardware

## Corporate

**Offering**

- Raw calamity risk data
- Calamity risk assessment
- Tailored alerting

**Revenue**

- Subscription fee
- API Call Fee

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# See S.A.F.E. in action: explore our live demo.

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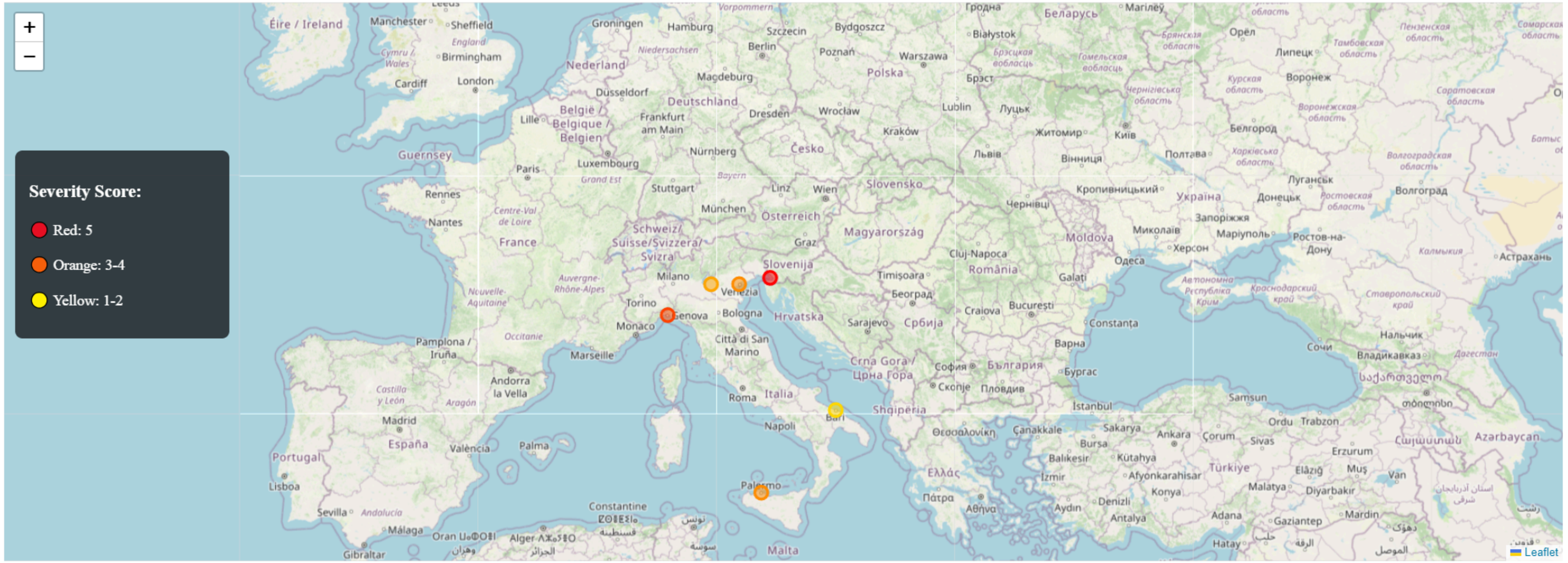


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Higher Probability Lower Probability