RESILOC

Project Presentation

EnviroRisks 2020 / Sofia BG

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Project specific focus

Hazard

Hazard

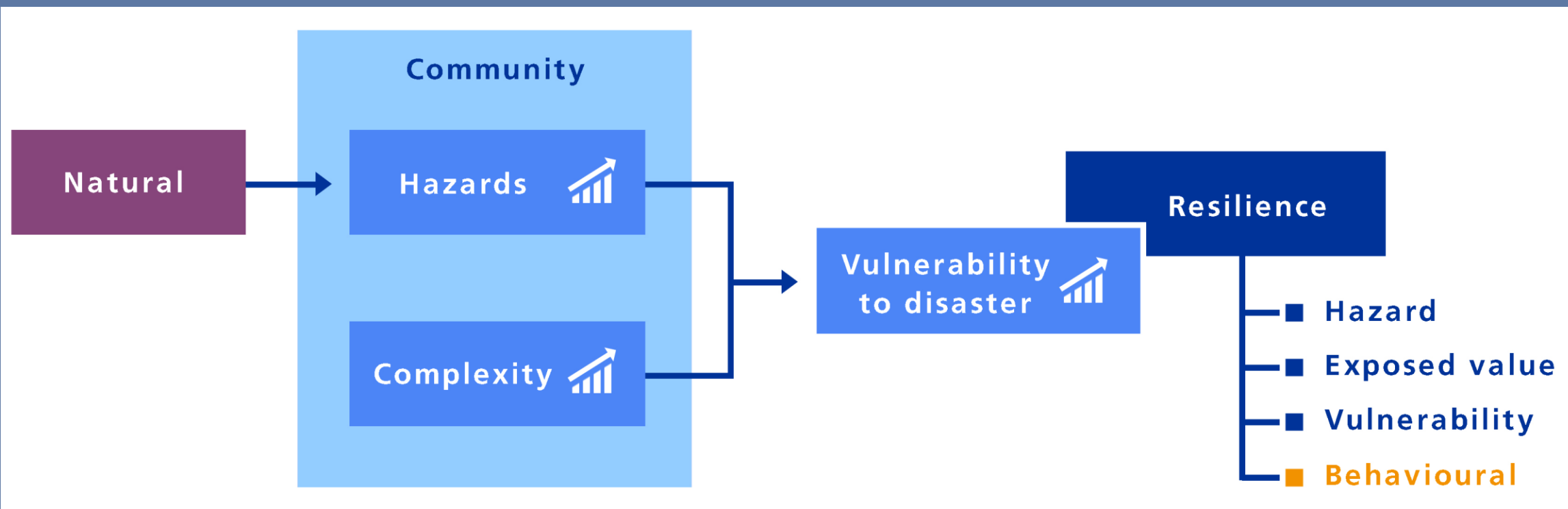Sicily / Comune die Catania
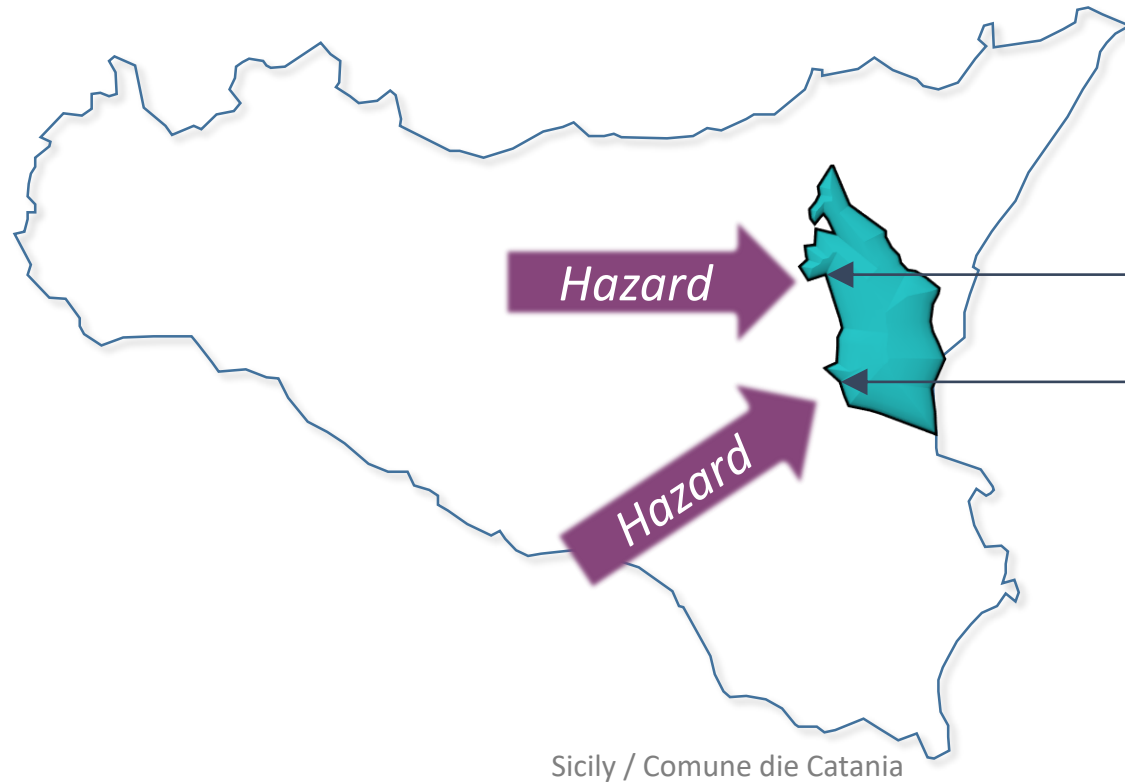
Increase **understanding** of resilience in local communities

Generate strategic tools **empowering** local actors to assess the resilience of their communities and identify actions to increase it.

Research to Innovation

RESILOC

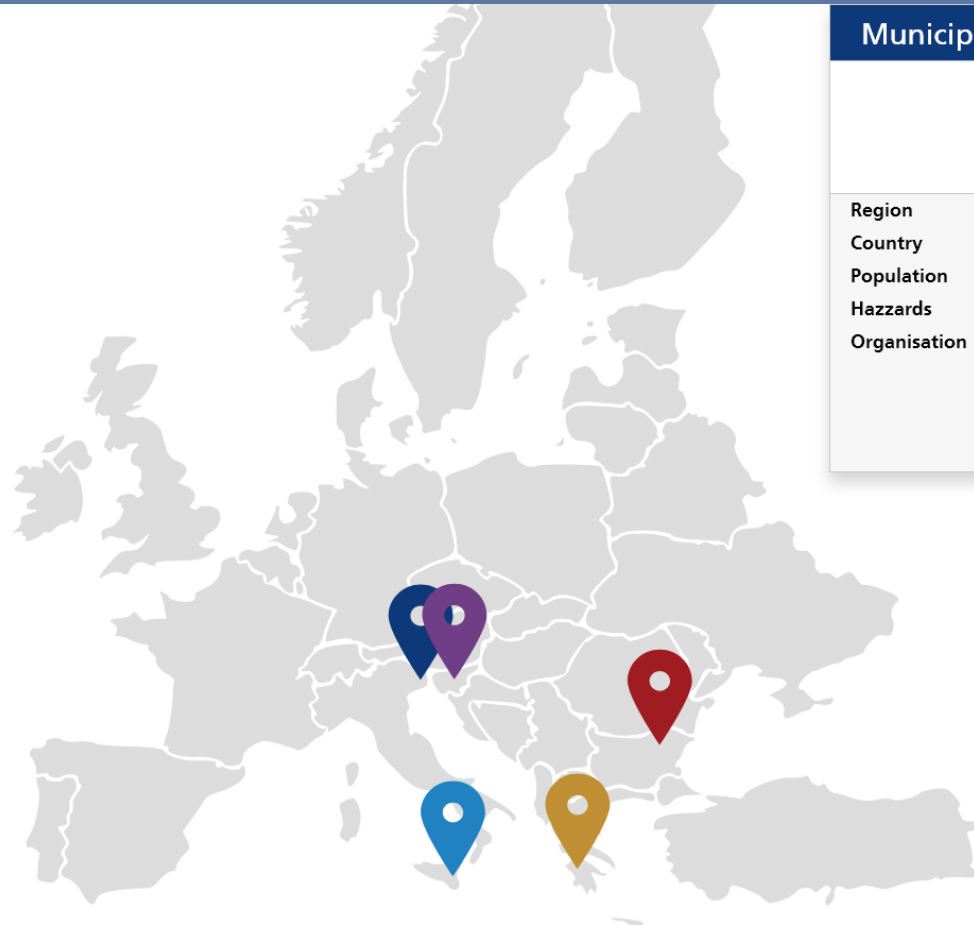# Why communities need to think about resilience?

Who are the Partners?

The projects consortium includes

9 Research and development organisations

4 Local DRR organisations and emergency management experts

3 Partner Communities

The results are validated through

5 Community based validation points

Validation Points

Municipality of Gorizia

Region	Friuli Venezia Giulia
Country	Italy
Population	35.000
Hazzards	earthquakes, floods
Organisation	Istituto di Sociologia Internazionale - Institute of International Sociology Gorizia

Community of Kamnik

Region	North of Slovenia
Country	Slovenia
Population	30.000
Hazzards	earthquakes, floods
Organisation	Administration of the Republic of Slovenia for Civil Protection and Disaster Relief, Ministry of Defence(ACPDR)

Tetovo Village

Region	Province of Ruse in North-central Bulgaria
Country	Bulgaria
Population	2.000
Hazzards	wildfires, snowstorms
Organisation	Bulgarian Red Cross (BRC)

City of Catania

Region	Autonomous Region of Sicily
Country	Italy
Population	311.000
Hazzards	earthquakes, flash floods
Organisation	Dipartimiento della Regione Siciliana Protezione Civile (DRPC)

Province of West Achaia

Region	West Greece
Country	Greece
Population	26.000
Hazzards	seaside forest fires, earthquakes
Organisation	seaside forest fires, earthquakes

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RESILOC

The RESILOC concept (Vision)

- Community
- RESILOC Inventory
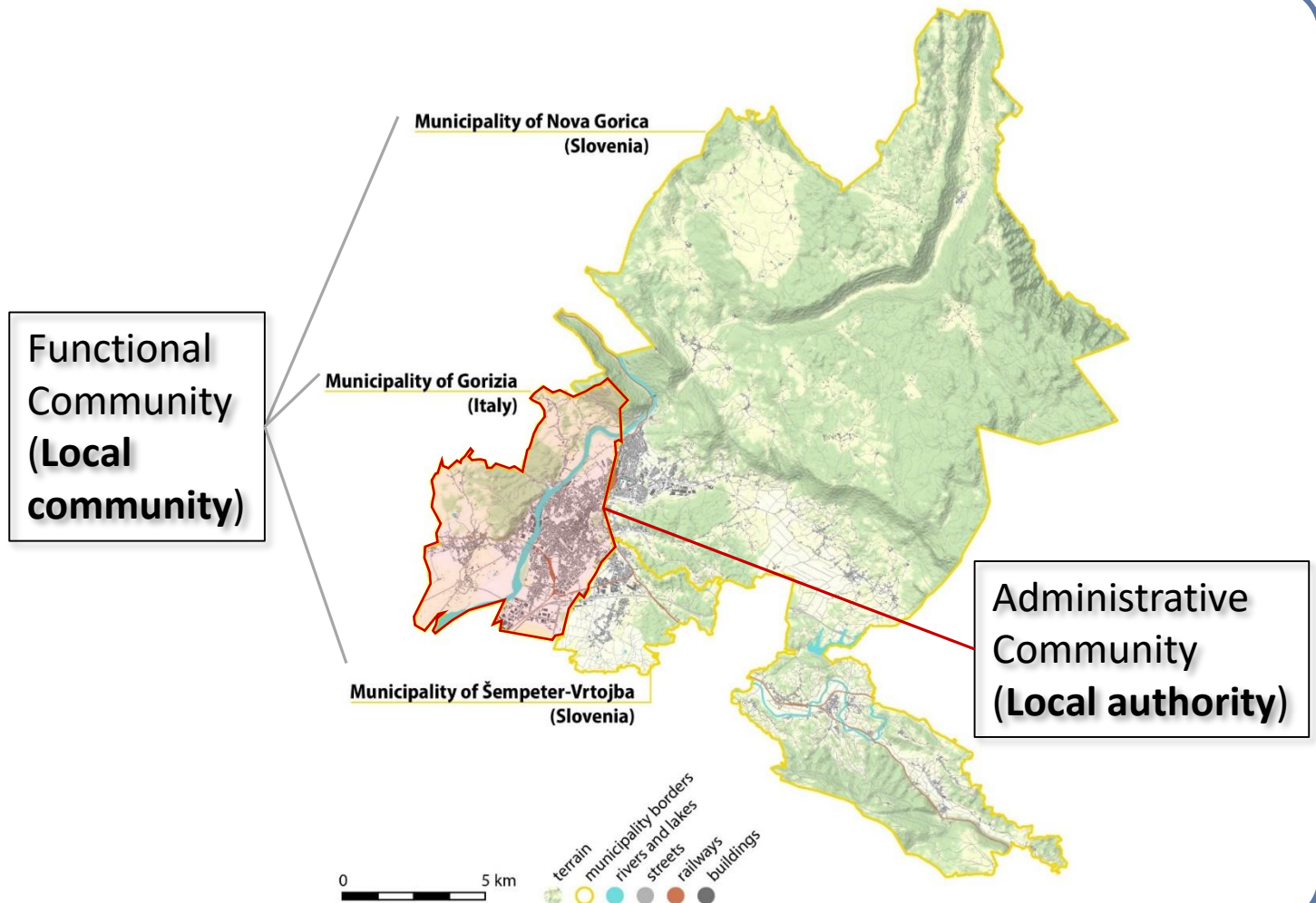- RESILOC Platform
- Community Stakeholder
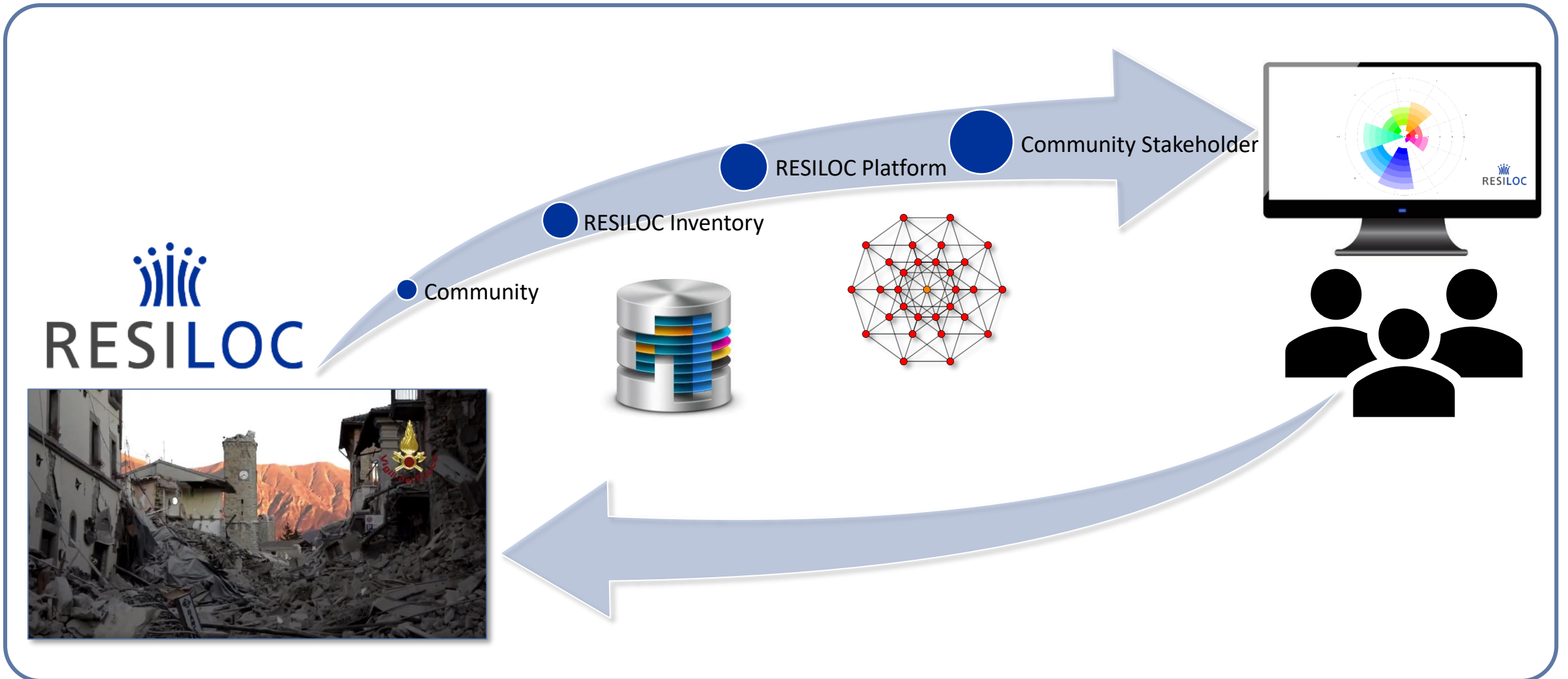
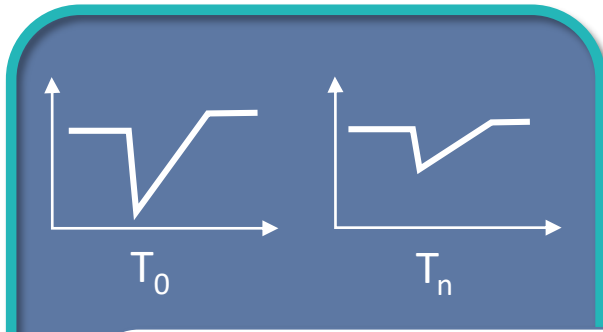# Who are the users of the solution?

3 Levels of Users

1. **Community Stakeholders (user)**
   Typically people who can make strategic decisions within a community hence in an administrative Framework **(local authority)**

2. **Emergency Managers (actor)**
   Responsible to act along prevention and response measures which are influenced by the strategic output generated from the tool.

3. **Citizens (beneficiaries)**
   Provide input; do not operate the tool yet ultimate benefit from its use.
   (social media) receive info (App)

Municipality of Nova Gorica (Slovenia)

Municipality of Gorizia (Italy)

Municipality of Šempeter-Vrtojba (Slovenia)

Functional Community (**Local community**)

Administrative Community (**Local authority**)

terrain
municipality borders
rivers and lakes
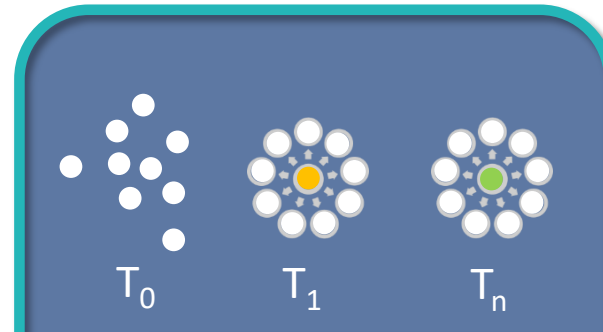streets
railways
buildings

0   5 km

What needs are addressed? (High Level)

Community stakeholders need:

to reduce risks and impact from disasters on their community

to describe the resilience of their community in an valid, objective and reliable way

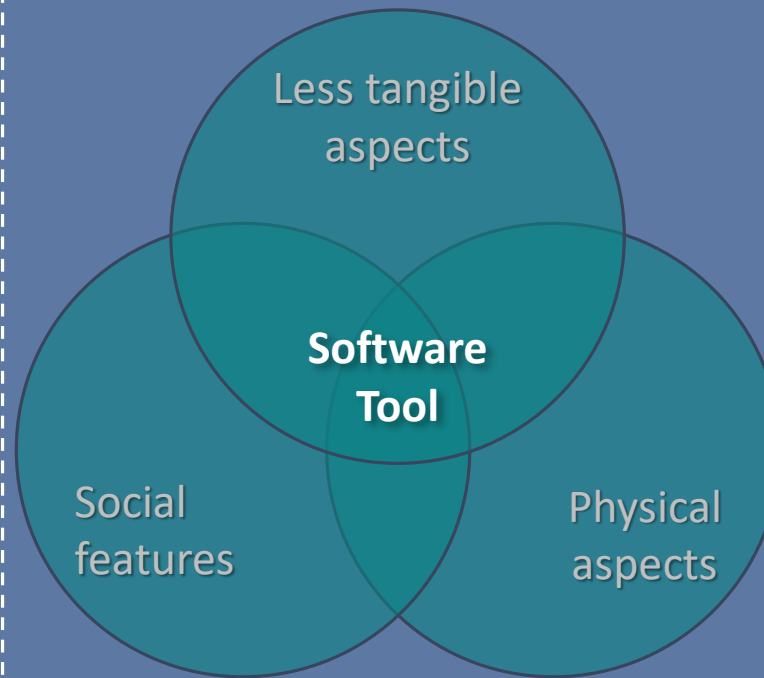A set of tools and methodologies that form a consolidated layer of knowledge and practices

What will be the added value?

Holistic Assessment

Local policies · Evidence based · Practitioners wisdom · Research evidence

Less tangible aspects · Software Tool · Social features · Physical aspects

Community Involvement / Communication · LRTs · Inclusion · DRR Emergency Management

Starting point for developing improvement strategies
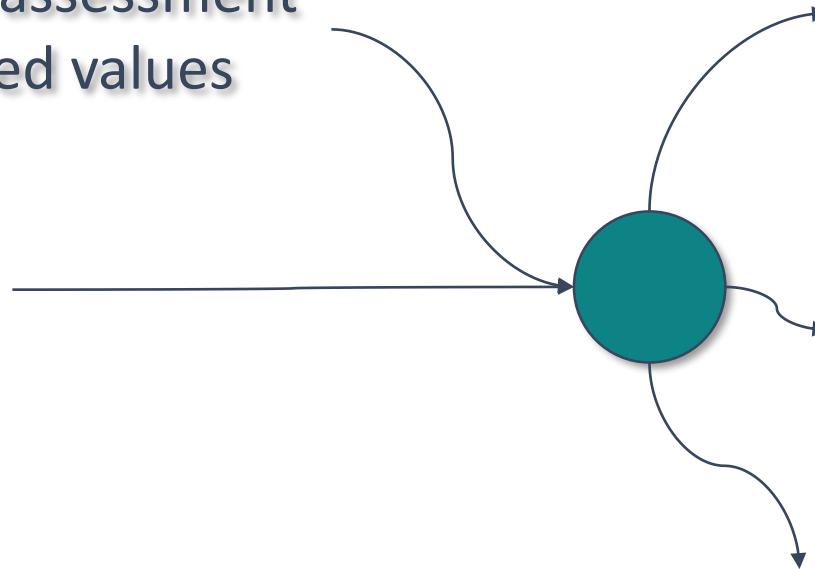
Community-specific resilience profile.
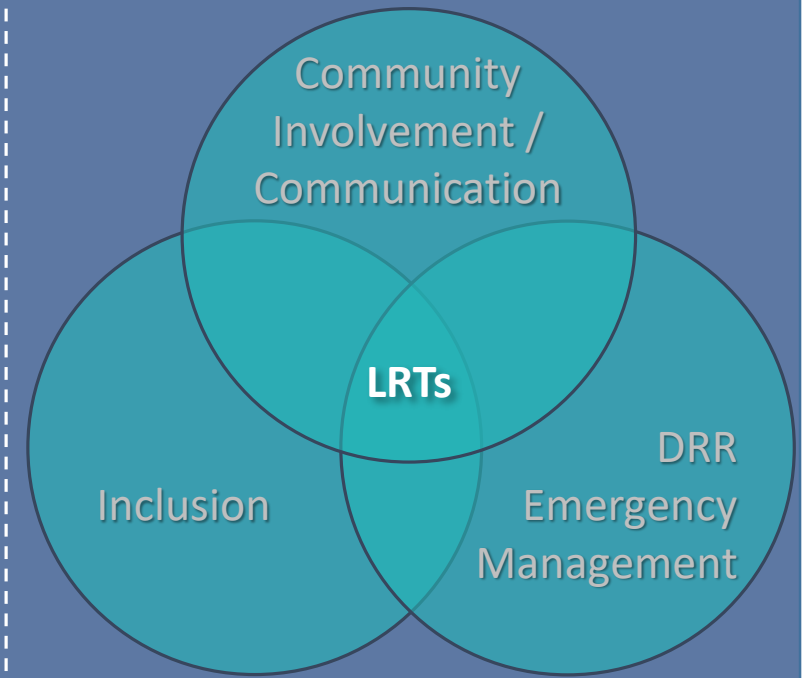
Activate local resilience capacities

Project Achievements

Methodology for the assessment
vulnerability & exposed values

First analysis of
behavioural aspects

Establishment of
Local Resilience Teams (LRTs)

Design of
the inventory

„Hyper Cube" concept
(7 dimensions of local resilience)

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