



THE CENTRE OF EXCELLENCE
FOR COMPREHENSIVE SECURITY

Comprehensive Security in Finland – Centre of Excellence

23.09.2025

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Key Aspects of The Finnish Concept



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A Whole-of-Society Approach:

A model, in which the vital functions of society are taken care of in collaboration between the **authorities, business community, organisations, NGOs, and citizens.**

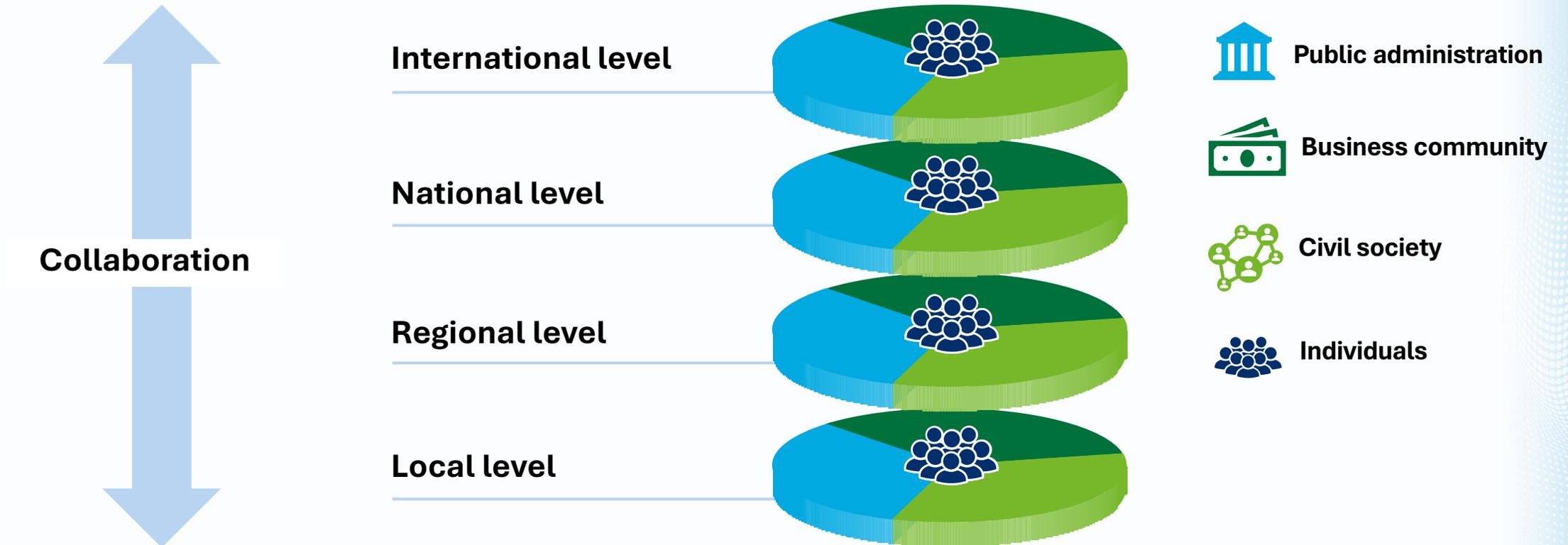


source: Security Strategy for Society 2023, the Security Committee

Levels and actors of comprehensive security



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Threats and risks can cause disruptions and crises



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Disruptions are events or situations which do not cause long-term or significant harmful impacts on society's operating conditions.

- May require extensive resources.
- Rarely threaten society as a whole.
- Impacts are usually short-term and local.



Crises are abnormal or exceptional events or situations that threaten the functions or existence of society as a whole.

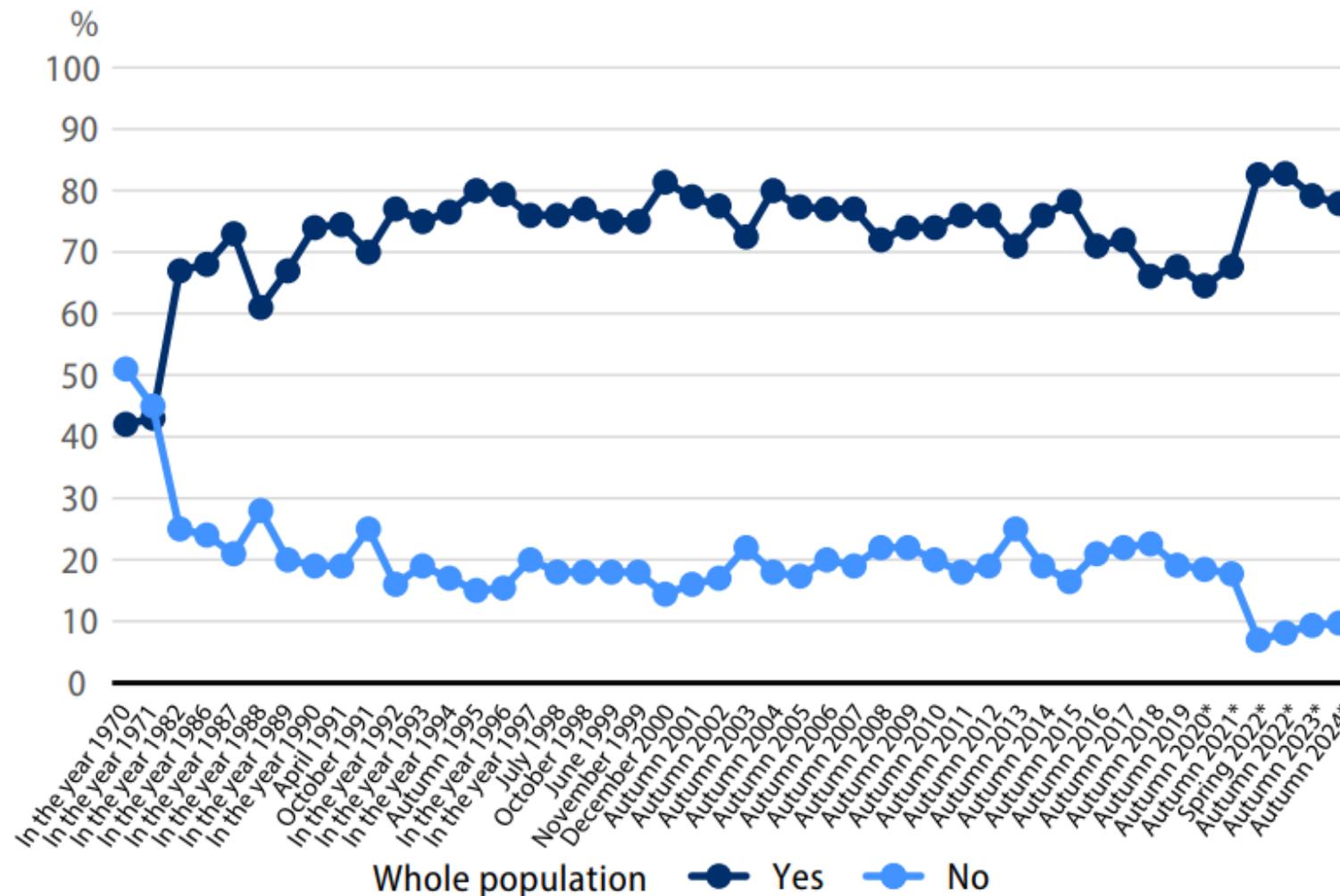
- May arise independently or escalate from a disruption.
- Call for strategic, adaptable and timely responses.
- Threaten society's operating conditions.

Figure 9A. The will to defend the nation

“If Finland were attacked, should Finns, in your opinion, take up arms to defend themselves in all situations, even if the outcome seemed uncertain?”



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SOURCE: The Advisory Board for Defence Information, Bulletins and Reports 2024:6

*) The survey method was combination of face-to-face interviews and internet panel



Conscription in Finland

- Military service (6 – 12 months) is mandatory for male:
- Training capacity is **20 000** conscripts per year (+ 20 000 – 30 000 reservists)
- Strength = 280 000 reserve
- Trained reserve = 900 000
- **Impact to:**
- Resilience
- Comprehensive Security
- Collaboration at local level



The National Emergency Supply Agency



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Huoltovarmuuskeskus
Försörjningsberedskapscentralen
National Emergency Supply Agency

The primary objective is to safeguard the functioning of critical infrastructure, production and services so that they can meet the **most vital basic needs of the population, economy and national defence.**

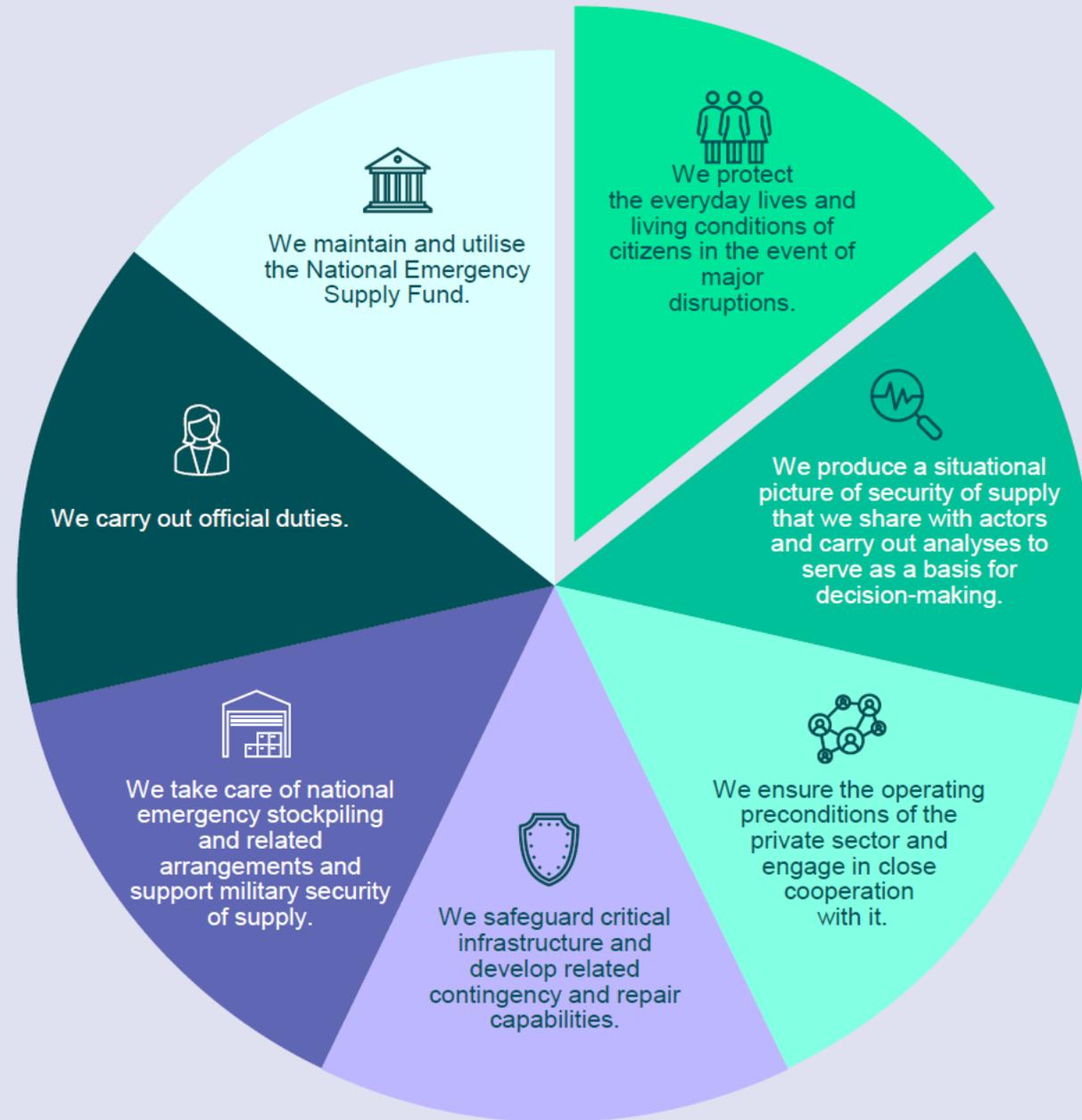
Ensure:

- The supply of **materials**
- That severe **disruptions** and **emergency conditions** can be managed through national measures
- The **operating capability of critical infrastructure** (electrical grid, the water supply, transport routes and secure connections for data communications and financial transactions.)
- **COVID 19 – test bed**





The tasks of the National Emergency Supply Agency



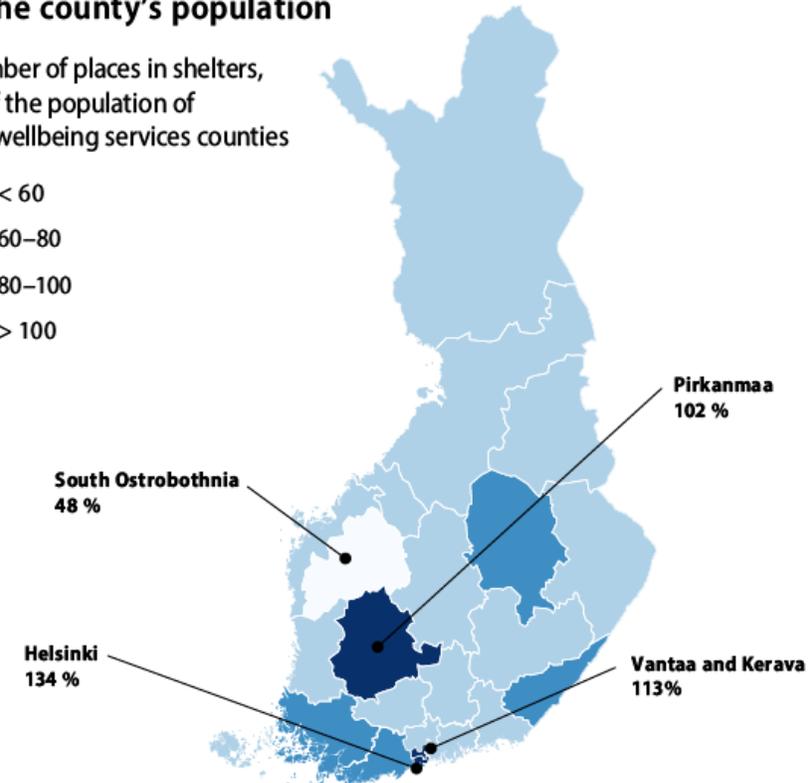
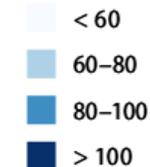


Finland has civil defence shelters for about 4.8 million people (2023)

- Finland has around 50,500 civil defence shelters, which can host 4.8 million people
- Civil defence shelters are located in large cities in particular.
- The highest number of places in civil defence shelters in relation to the population can be found in the Greater Helsinki area and Pirkanmaa.

Number of places in civil defence shelters relative to the county's population

Number of places in shelters,
% of the population of
the wellbeing services counties



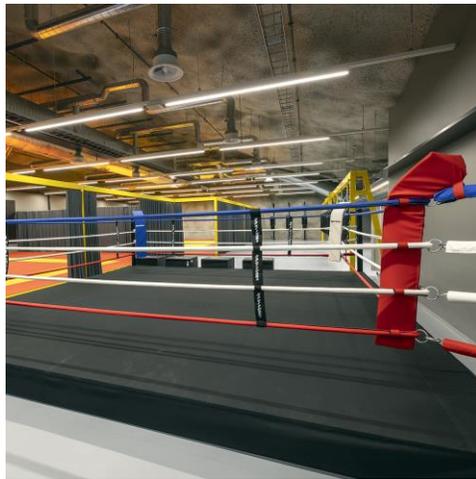
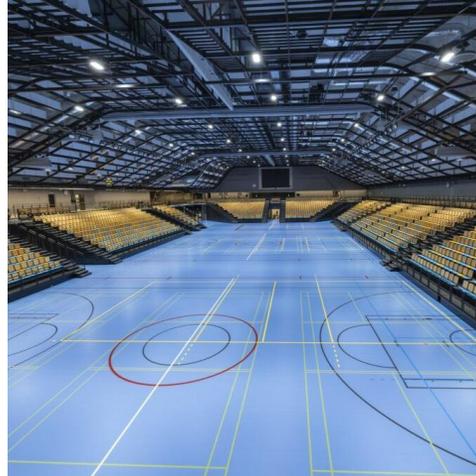
Source: Ministry of the Interior, rescue departments, Statistics Finland, map of the wellbeing services counties of Finland, National Land Survey of Finland

Shelter system

- Dual-use; Sport facility & shelter
- Very modern safe and security
- 2500 spectators for sport events
- Gym, dance hall, boxing arena etc
- 7000 people safe in shelter



Dual-use, Sport facility & shelter



Key functions of COECS



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The Centre of Excellence for Comprehensive Security (COECS)

- ✓ gathers relevant information on the topic,
- ✓ connects stakeholders,
- ✓ conducts research, development, and training,
- ✓ assists various actors in foresight and planning tasks, practical measures, their assessment, and decision-making related to comprehensive security,
- ✓ collects current security-related information, and
- ✓ promotes the accessibility of information for all target groups.

The value base for building the COECS network:

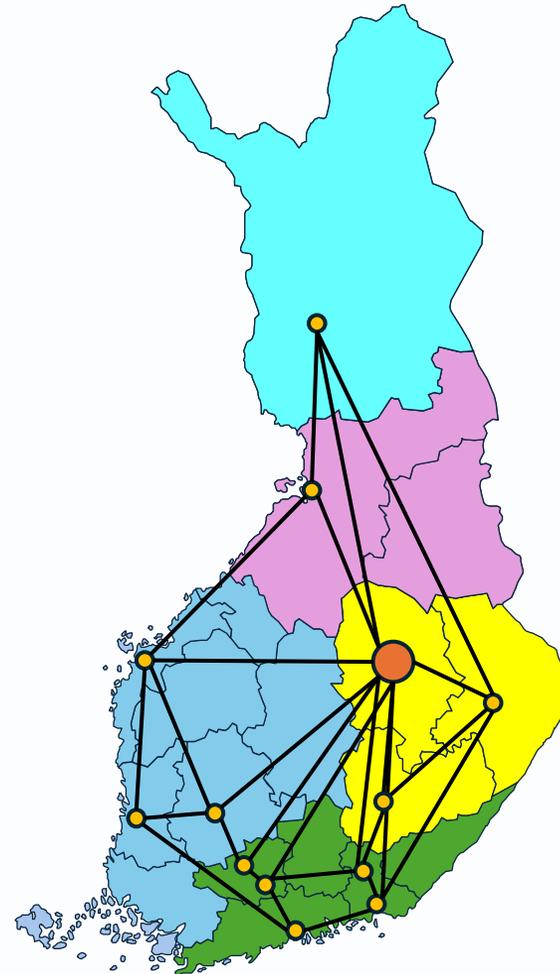
Mutual appreciation of each other's expertise is the key to build a national collaboration based on trust and top-level competence.



TARGET

A network of experts and a door to the Finnish comprehensive security expertise

- Brings together knowledge and experts
- Accelerates cooperation between authorities, companies and organisations
- Contributes to the development of comprehensive security
- Serves as a platform for expertise of comprehensive security
- Enables multinational RDI collaboration and tackles unnecessary co-existing projects



Example of expertise from Kuopio

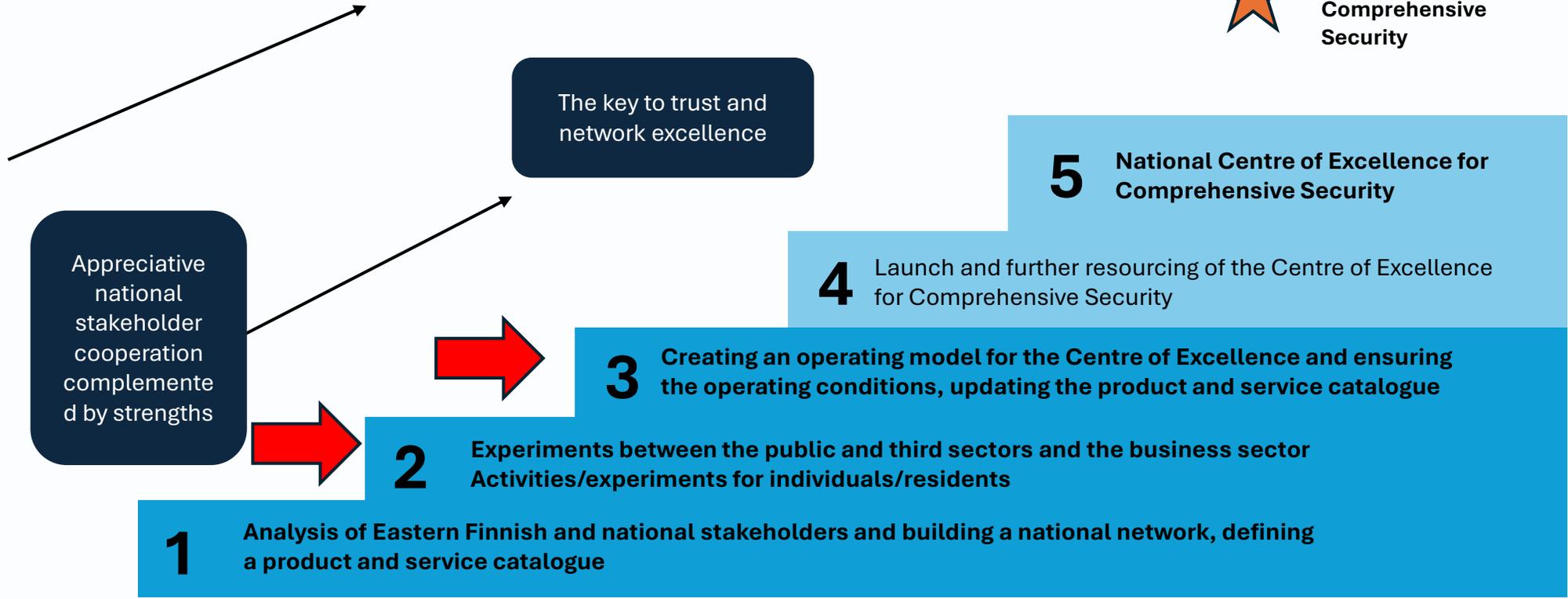
- 8 clusters or ecosystems
- 2 Centre of Excellence under preparation
- 1 CS-Degree Programme (Savonia)
- 1 National Emergency Services Academy, incl. International rescue services and preparedness training
- UEF, positions CS activities
- Sectoral research institutes (VTT, LUKE, THL, GTK, Ruokavirasto, Työterveyslaitos, Ilmatieteen laitos, Neurocenter, KCT)

Project vision

Vain hankkeen käyttöön



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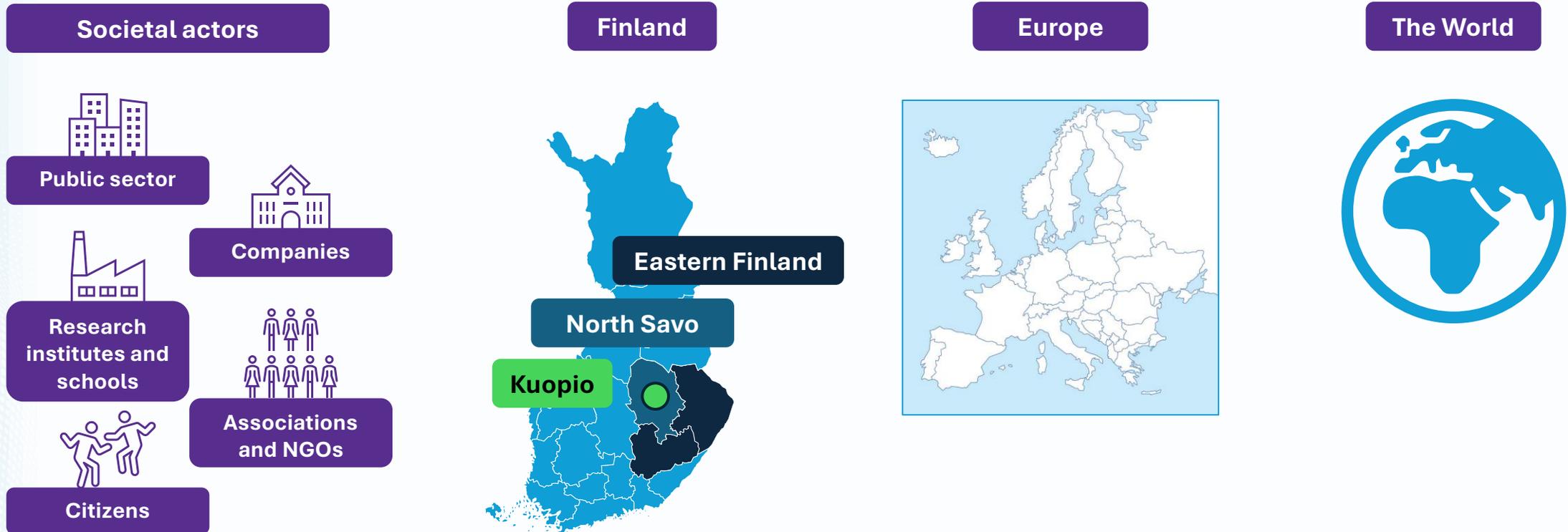


The future COECS serves local and regional actors, anywhere in Europe

– with the goal of strengthening preparedness and security



KOKONAISTURVALLISUUDEN
OSAAMISKESKUS



COECS can enable new solutions with its' stakeholders



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Psychological resilience



SOLUTIONS FOR THE PUBLIC
Mobile application | Individual Survival kit

Functional capacity of the population and services

DISTRIBUTION OF BEST PRACTICES



Leadership

MUNICIPALITIES & CITIES:
Increase resilience and leading skills



Economy, infrastructure and security of supply

PRACTICAL SOLUTIONS FOR RESILIENCE
Medical | Health | Information Technology | Food | Water



International and EU activities

COMPREHENSIVE SECURITY IN MULTINATIONAL RDI
Continue RDI projects | "Finnish Comprehensive Security Model"



Internal security

SHELTER SYSTEM
Training and inspections of civil protection | Virtual Shelters



Defence capability

TRAINING AND EXERCISES
Trainings with different actors | Communication systems development & testing

