



Huoltovarmuuskeskus
Försörjningsberedskapscentralen
National Emergency Supply Agency

National Resilience System of Finland

Blueprint for a
shock proof society

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Operations to maintain resilience and the continuity of critical functions of the society is ongoing



The National Resilience System is being tested continuously.

We're in a conflict – armed force just hasn't been used against us

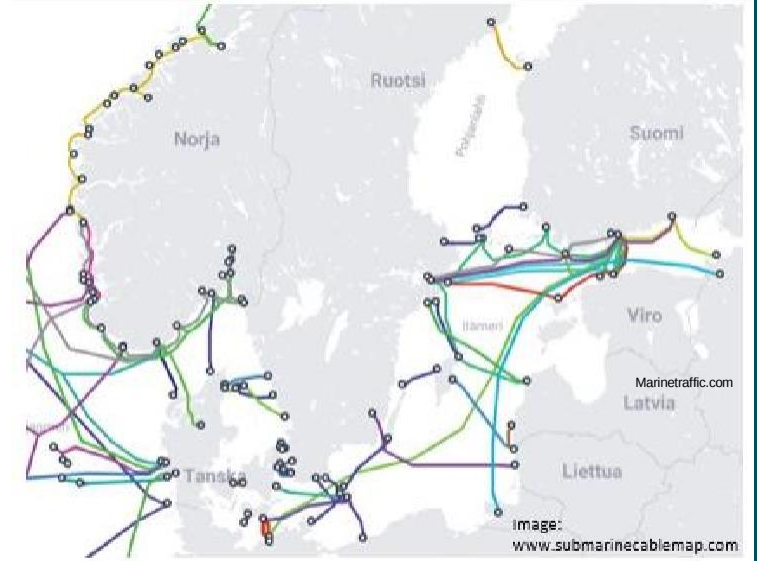
– Unnamed Senior Finnish Official

All nations build resilience
from their own historical, social,
geographical context



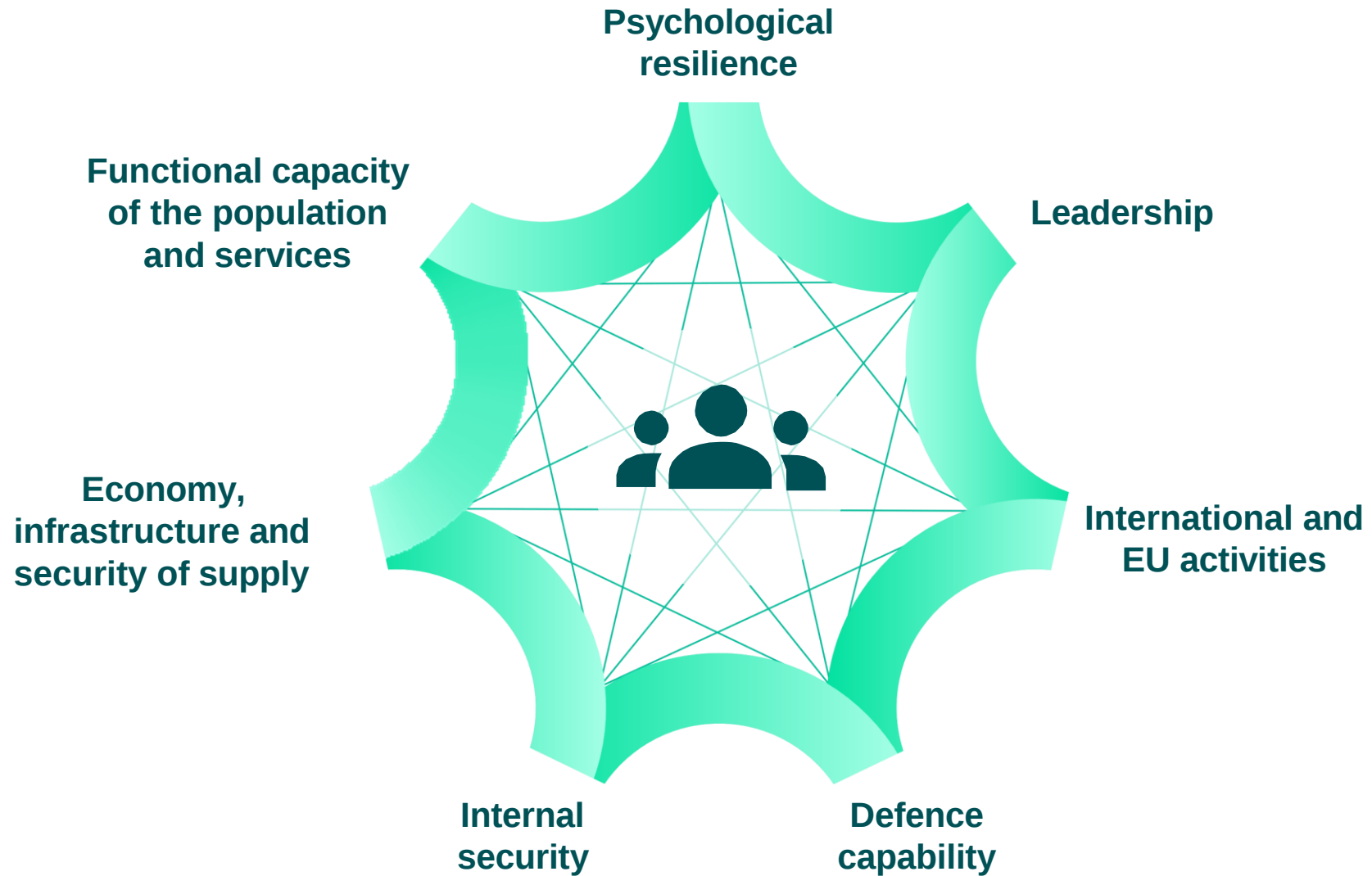
Preparing for a full spectrum of threats

- High level of connectivity and urbanisation, high reliance on electricity and digital systems
- The northernmost country in the European Union, low density of population, subarctic climate and heavy dependency on maritime logistics through the Baltic Sea
- Security of supply and resilience in Finland combines economic preparedness with the needs of the military defence
- The current security environment demands evaluation and adjustment of existing preparedness arrangements against the new spectrum of threats, risks and vulnerabilities



Finland's Comprehensive Security Model

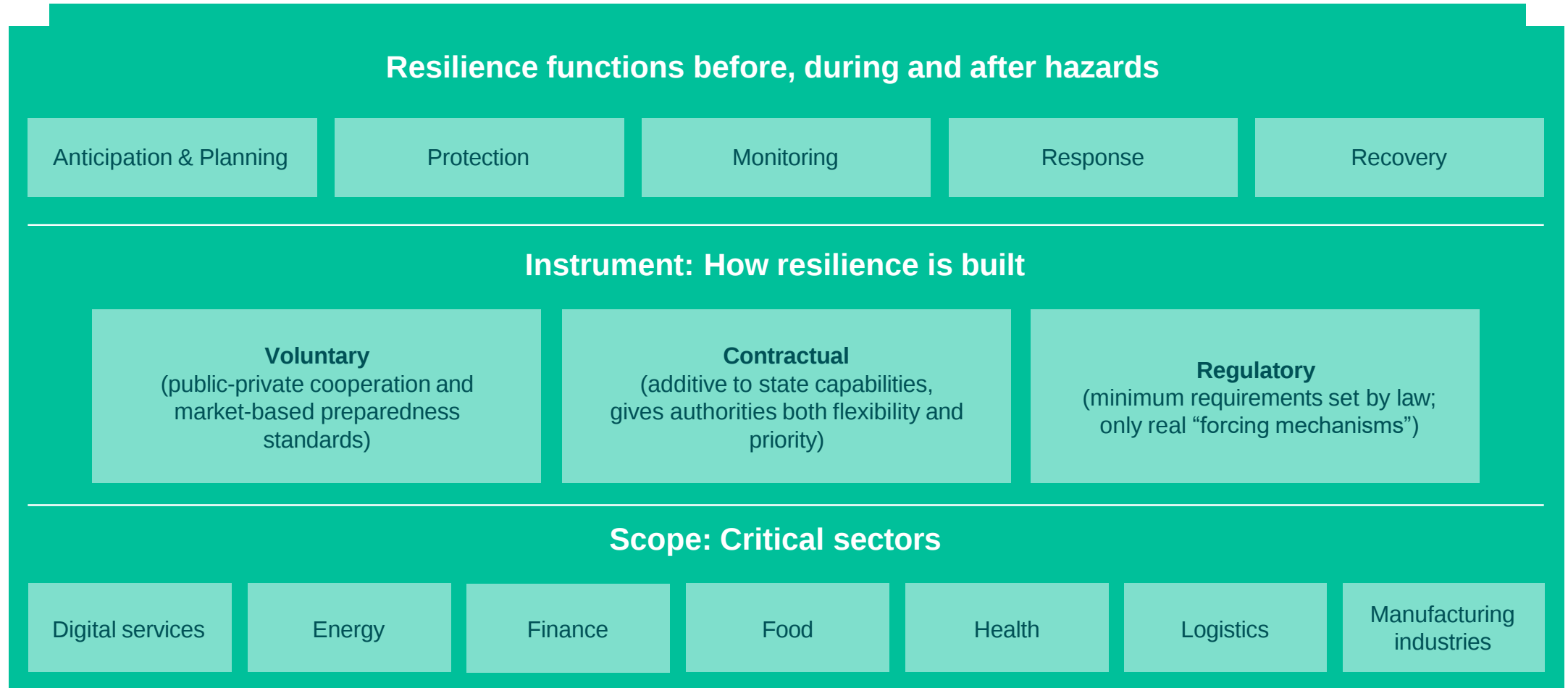
Safeguarding the functionality of the society is a joint effort between the private and public sectors, NGOs and citizens





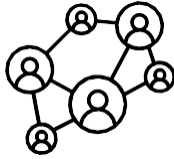
THE FINNISH NATIONAL RESILIENCE SYSTEM (NRS)

The Finnish National Resilience System: Scope, Functions & Instruments





The Finnish National Resilience System: Instruments for resilience



Voluntary based preparedness cooperation (Public-private cooperation)

- Trusted information exchange on risks, threats, vulnerabilities
- Exercises, training
- Best practices



Contract-based preparedness arrangements

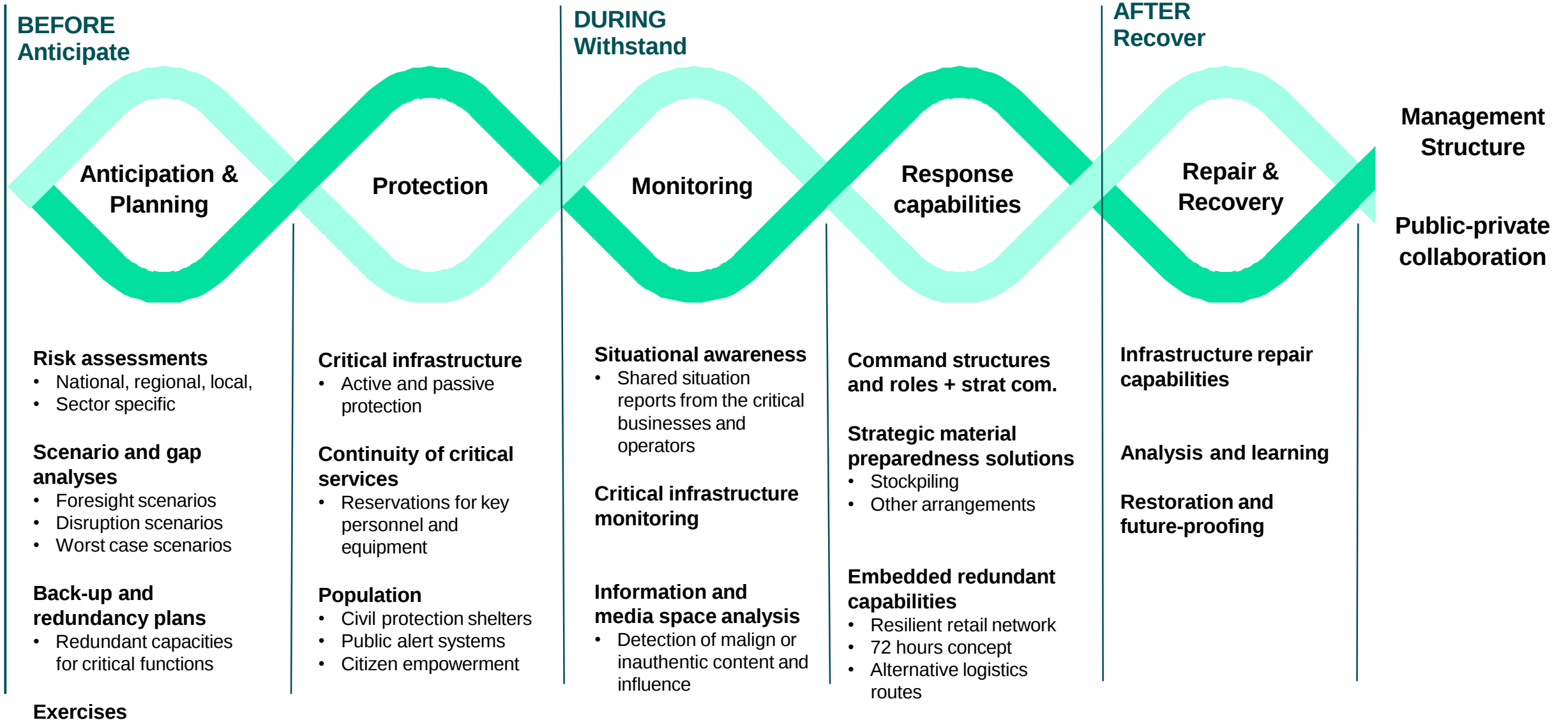
- Business continuity agreements
- dedicated crisis capacities
- production conversions
- production reservations
- stockpiling contracts
- etc.



Regulation based preparedness requirements

- Minimum requirements set by national and EU regulations

The Finnish National Resilience System: Functions before, during and after



Strategic stockpiling system

- Monitoring reserves of critical goods
- Securing distribution and logistics capacity
- Rotation, maintenance & quality control
- Coordination with industry & trade partners



Jussi, manager of an industrial bakery, had always kept more than the bare minimum in storage. He never trusted “just-in-time” deliveries, knowing that flour was the heart of his production line. But now even his factory’s extra stores were running low. He also heard around that other bakeries were in the same situation.

Plans to support the market were activated by the government. The flour from Finland’s state-owned reserve stockpiles would be released and sold to industry according to a national plan, ensuring production and supply could continue.

Jussi knew bread would continue to be delivered to stores to be bought by the population, though production would shift toward loaves with longer shelf-life, stretching the supply further for households.



The 72 Hours Concept: Citizen Empowerment

- Public Guidance & Risk Communication
- Education & Training Materials
- Tools & Resources for Self-Preparedness

WOULD YOU SURVIVE 72 HOURS?

TEST NOW



Maria was about to boil water, but after a short spray, nothing came out of the tap. She turned on the radio and heard that the major tunnel supplying the region with water had collapsed in mysterious circumstances. She reached into her cupboard for the family's stored bottles of drinking water. At the same moment, the lights flickered out, and frost was already starting to form on the windows.

She reminded herself of the advice she had followed: to be ready to cope on her own for at least 72 hours. In the cupboard were three days' worth of food and medicine, and by the shelf, a radio and power bank for communication. With these supplies her family would manage independently while the authorities, companies, and volunteers set their crisis plans into motion.



Resilient Retail Network

...is a program where selected companies/stores have pre-planned capabilities to keep operating also in major emergency situations.

The objective of the program is to make sure the entire population has a functioning – including electronic payments system – food store within 50km and fuel within 150-200km.



Seppo knew that northern Finland had already been without power for 48 hours. Soon the mobile network nodes would lose their emergency power, electronic payments would stop, and even water and fuel pumps would no longer work. His family's 72-hour supplies were holding up, but he could already see how quickly they would be exhausted.

From the voice on the battery-powered radio he heard the update: their local supermarket was fully operational, as it was one of the Resilient Retail Network –stores.

Behind the scenes, NESAs and the industry had prepared the appropriate response plan. Together with the food retail stores, it activated the Resilient Retail Network throughout the country, enabling selected stores to keep open around the clock, supplied with essential food stuffs and fuels, as well as benefitting from an independent off-line electronic payment system.





PUBLIC-PRIVATE COLLABORATION

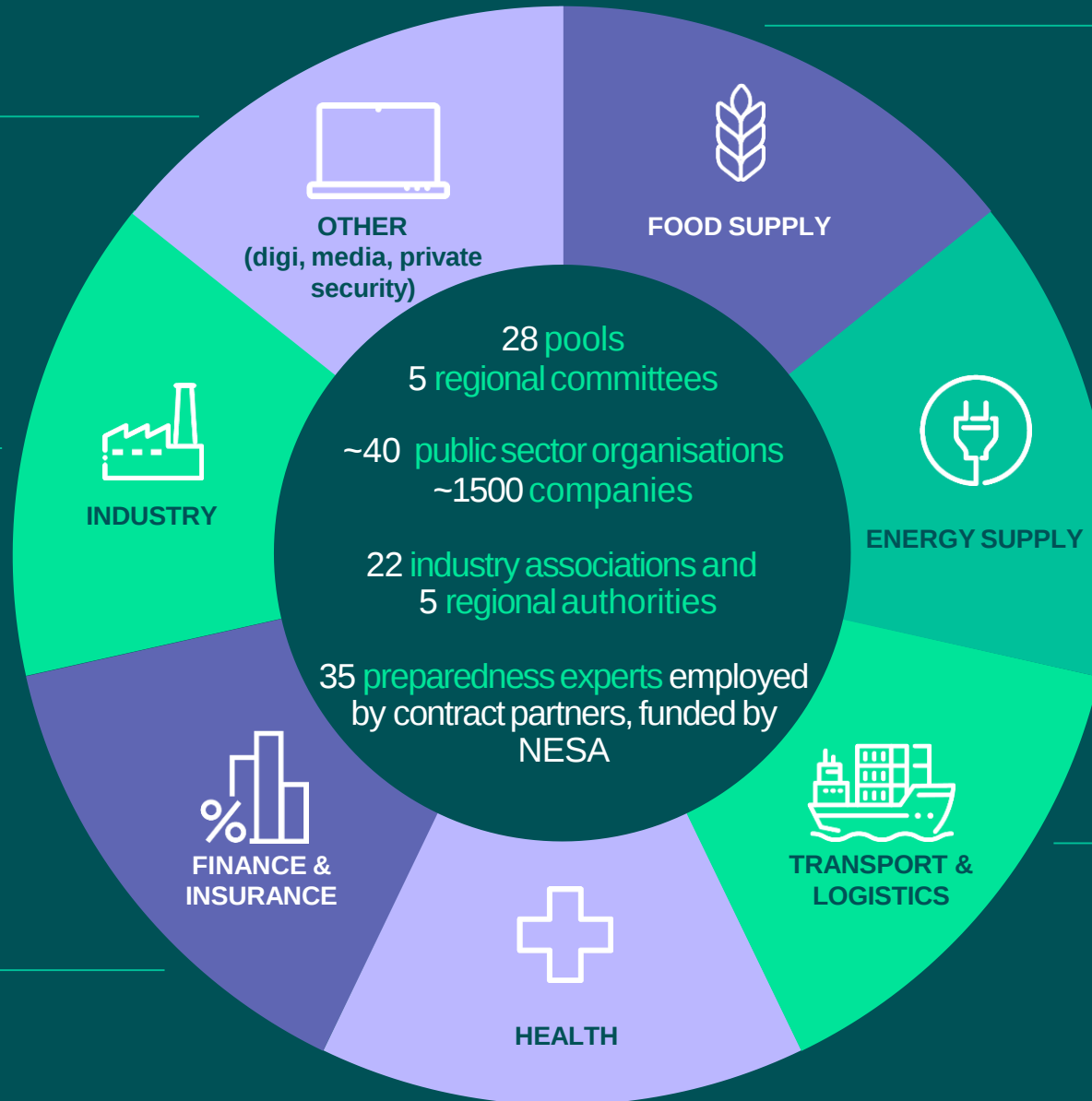
Public-private cooperation in security of supply



- Media
- Private security
- Digital services and infrastructure
- Regional preparedness committees

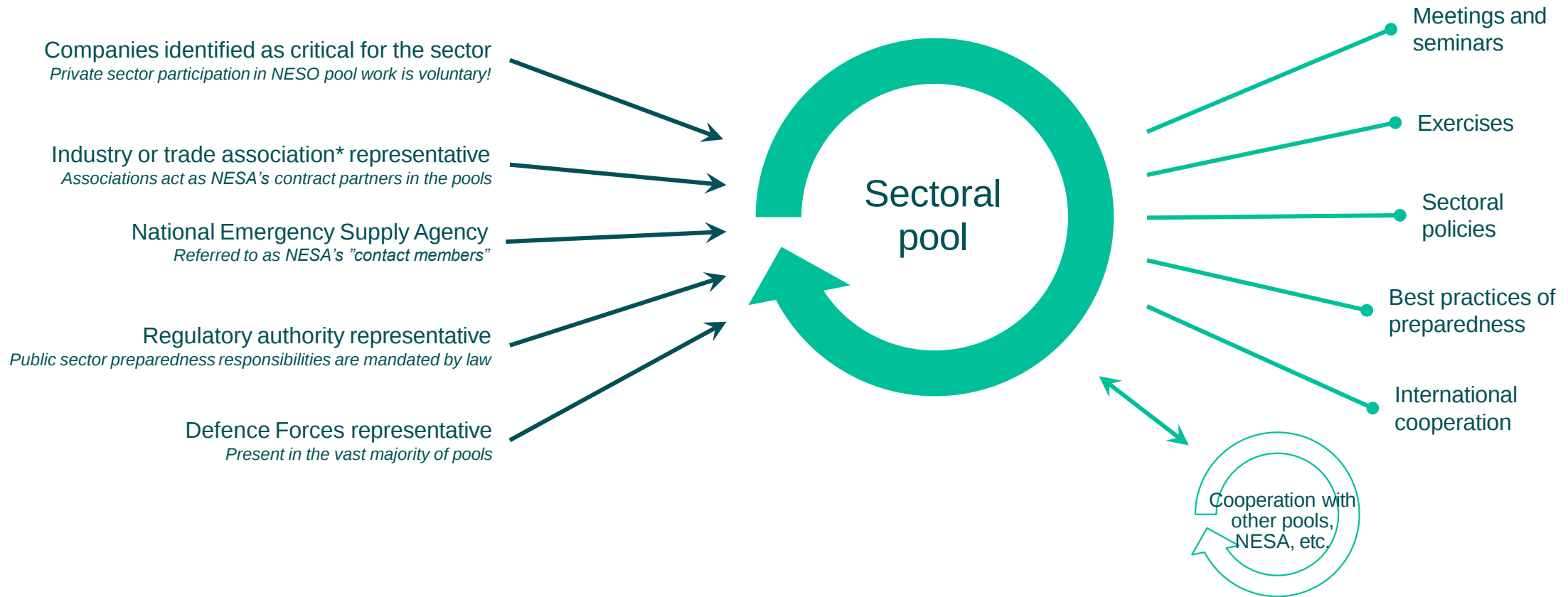
- Technology
- Forestry
- Defence
- Plastic and rubber
- Chemistry and textile
- Constructions + regional committees

- Finance
- Insurance
- Financial administration





Pools: where the interaction happens





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Thank you !

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