

# Development of the security of supply model in Finland

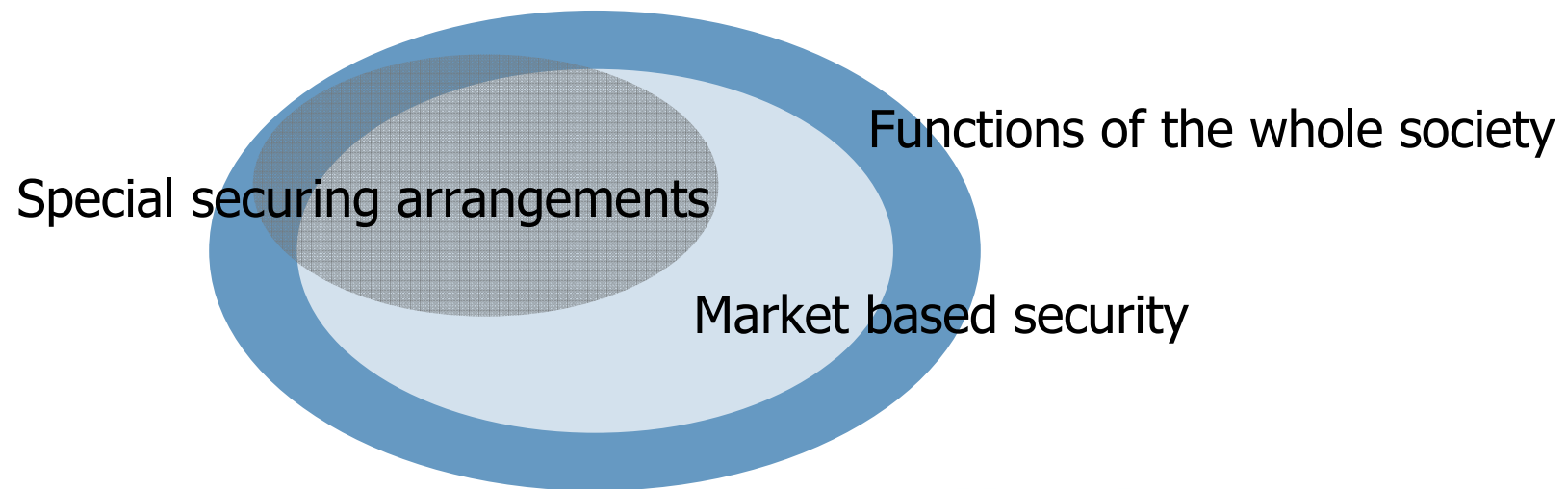
→ National **EMERGENCY SUPPLY** Agency

Hannu Pelttari  
EESC seminar 31.5.2010

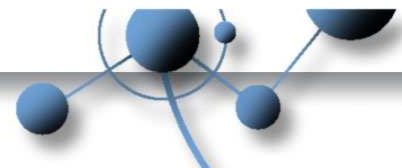
# → The Principles of Securing the Supply

To secure livelihood of the population, continuity of vital economic activity and functioning of the infrastructure (also) during serious disturbances and exceptional circumstances

The markets usually provide security of supply, but special arrangements are needed in a number of fields



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# → Evolution in the Finnish focus in securing the supply

## *Cold war threats*

1988

- Total foreign trade black out 1 year.
- Key measure: Storing
- Heavy military focus

## *EU-membership*

1995

- EU and IEA step up to the map, bilateral agreement with Sweden
- Import may be restricted
- \* Military focus

## *Nine eleven*

2002

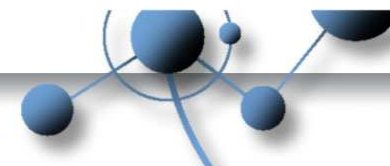
- Terrorism steps up to the vocabulary
- More words about international co-operation
- ICT and communication seen as vital for the functioning of the society

## *Globalisation and network economy*

2008

- Disturbances for everyday life and operations taken seriously
- Conceptual division into critical infra and critical production; i.e. resilience focus
- \* Military focus included

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# → Government decision on the targets of security of supply (539/21.8.2008)

**Based on:** International markets, national actions and resources, bi- and multilateral agreements on preparedness

Safeguarding the critical infrastructure of society

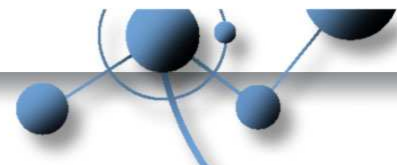
- Energy transmission and distribution networks
- Electronic information and communication systems
- Transport logistics systems
- Water supply and other urban technology
- Construction and maintenance of the infrastructure

Safeguarding the critical production of society

- Food supply
- Energy production
- Health care
- Production that supports national defence
- Supporting general operational conditions of the export industry

Mutual dependencies and co-operation in the security of supply  
Development of legislation  
Sector-specific guidelines

Agency

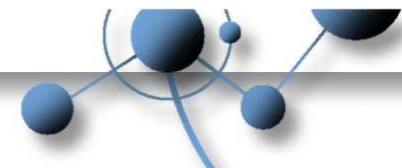


## → How is the supply secured? PPP's role

- Security of supply point of view in economic and industrial policy
- Legislation, regulation, and official instructions
- Government, national ownership
- Research and development
- Continuity and preparedness planning, and exercises in enterprises
- Promoting cooperation
- Funding security of supply arrangements
- International agreements



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# → Organisation of Security of Supply

Council for Security of Supply and Infrastructure

**Relevant Enterprises**

**Information Society Cluster**  
 Electronics Pool  
 Printing Industry Pool  
 Communications Networks Pool  
 Information Technology Pool  
 Mass Communications Pool  
 Pool of Regional TIVA-Commissions

**Relevant Enterprises**

**Food Supply Cluster**  
 Agricultural Pool  
 Food industry Pool  
 Retail and Distribution Pool

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**Health Cluster**  
 Public Health Pool  
 Water Supply Pool

**Energy Cluster**  
 Power and District Heat Pool  
 - Regional Commissions  
 Oil and Gas Pool

**Transport and Logistics Cluster**  
 Air Transport Pool  
 Surface Transport Pool  
 - Regional Commissions  
 Maritime Transport Pool

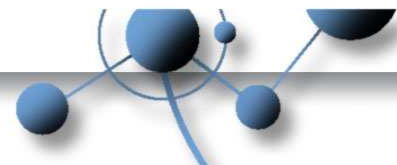
**Relevant Enterprises**

**Finance Cluster**  
 Finance Pool  
 Insurance Pool

**Relevant Enterprises**

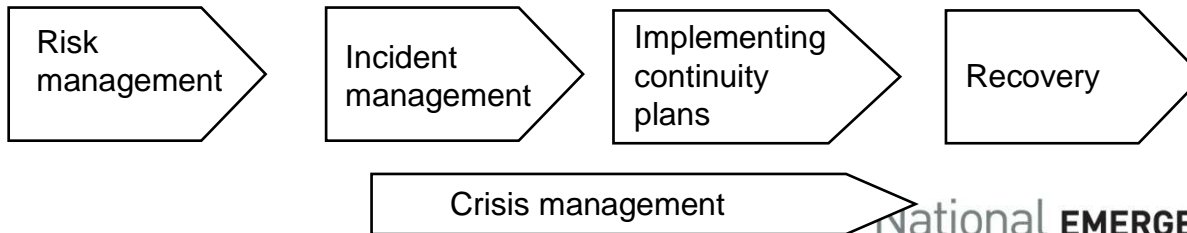
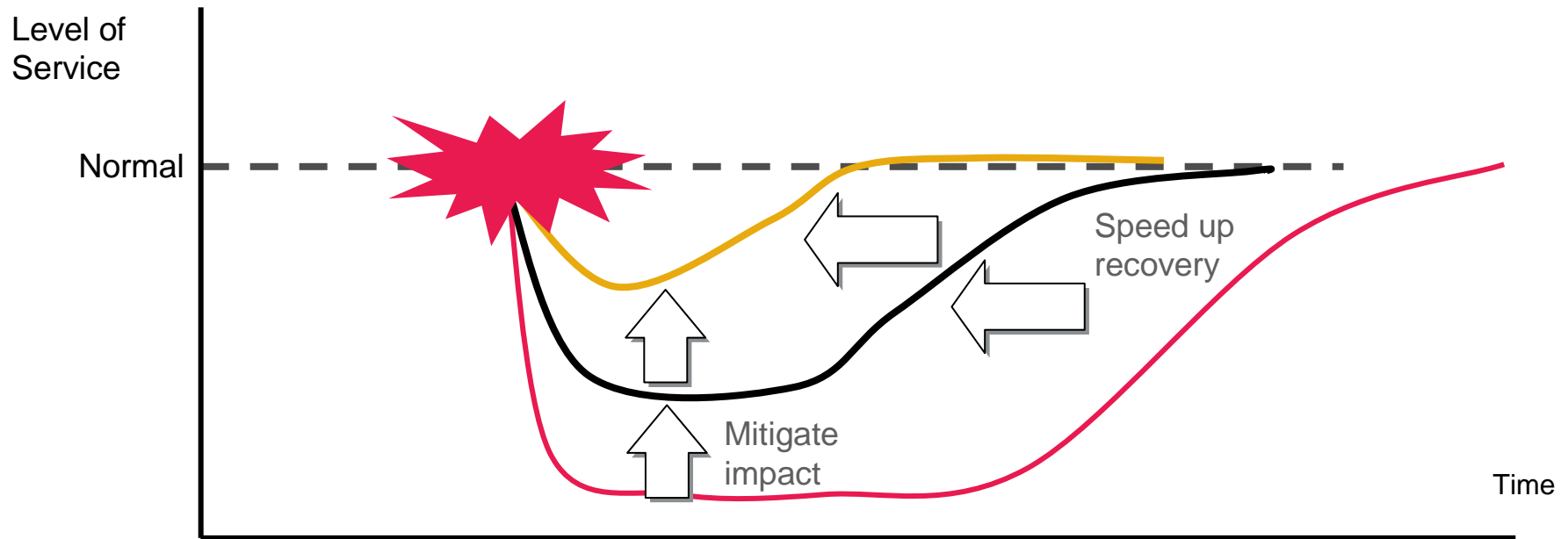
**Industry**  
 Chemical Industry Pool  
 Technology Pool  
 Forest Industry Pool  
 Plastic and Rubber Industry Pool  
 Construction Pool: Regional Commissions  
 Textile Industry Pool

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# → Risk and Continuity Management

ISO/PAS 22399



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# → Towards better resilience

## Extranet portal HUOVI

- Under construction
- Benchmarking tool of the maturity of the business continuity planning
- Industry summary reports for pools and NESAs

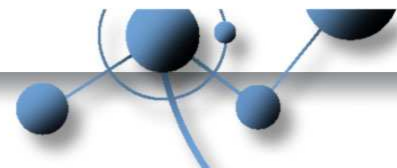
Agreement based continuity and preparedness in modern networks (Sopiva project)

Sopiva material can be found:

[http://www.huoltovarmuus.fi/documents/3/SOPIVA\\_Recommendations\\_v1-0F.pdf](http://www.huoltovarmuus.fi/documents/3/SOPIVA_Recommendations_v1-0F.pdf)

[http://www.huoltovarmuus.fi/documents/3/SOPIVA\\_Sample\\_Statements\\_v1-0F.pdf](http://www.huoltovarmuus.fi/documents/3/SOPIVA_Sample_Statements_v1-0F.pdf)

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