



MINISTRY OF THE INTERIOR  
Internal Security Secretariat

# Climate Change - Security and Safety

September 3, 2009

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Ministry of the Interior

*Building a safe and diverse Finland*

10 September,  
2009





# Our Objective: Safe and Secure Society

Internal security is a state of society where everyone can enjoy the rights and freedoms guaranteed by the rule of law and a safe society **without the fear or insecurity** caused by **crime, disruptions, accidents** or any other phenomena in Finnish society or the increasingly globalised world at large.



# Two faces of Security and Safety

- **Feeling** of safety
  - Subjective security and safety
- **State of** security and safety
  - Objective security and safety





# **Trends in Security and Safety**

**....**

# **And Climate Change**



# Growing **Vulnerability** of the Society

- Systemic risks
  - systems on which society is dependent
  - such as health care, transport, electricity and heat production, water and sewer systems, telecommunications
- Worst scenario: domino effect





# Extreme weather phenomena

- Violent storms, floods
- Quickly changeable weather
  - Konginkangas bus accident: 23 killed, 14 injured
- Possible consequences to any of us
  - No electricity - no heating - no light - no TV
  - no Internet ... in cold wintertime





# Increasing Risk of Major **Accidents**

- Accidents such as
  - accidents involving hazardous materials in an urban area
  - damage caused by violent storms
  - major maritime accident
- On a worldwide scale, 80% to 90% of major accidents are caused by natural disasters
  - floods and raised water levels, storms, drought, heat waves and earthquakes
- Widespread social impact



# Major **Maritime** Accident

- Case: Gulf of Finland
  - Volume of transport increases
    - Russian oil transport: 140 million tonnes/2007, 200 million tonnes/2010
    - passenger traffic crossing the Gulf of Finland





# What if....



Hundreds of casualties....

Major oil spill, hundreds of kilometres of shoreline affected



# Aging Population

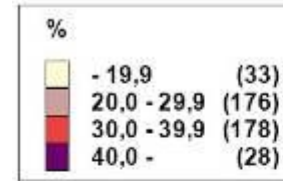
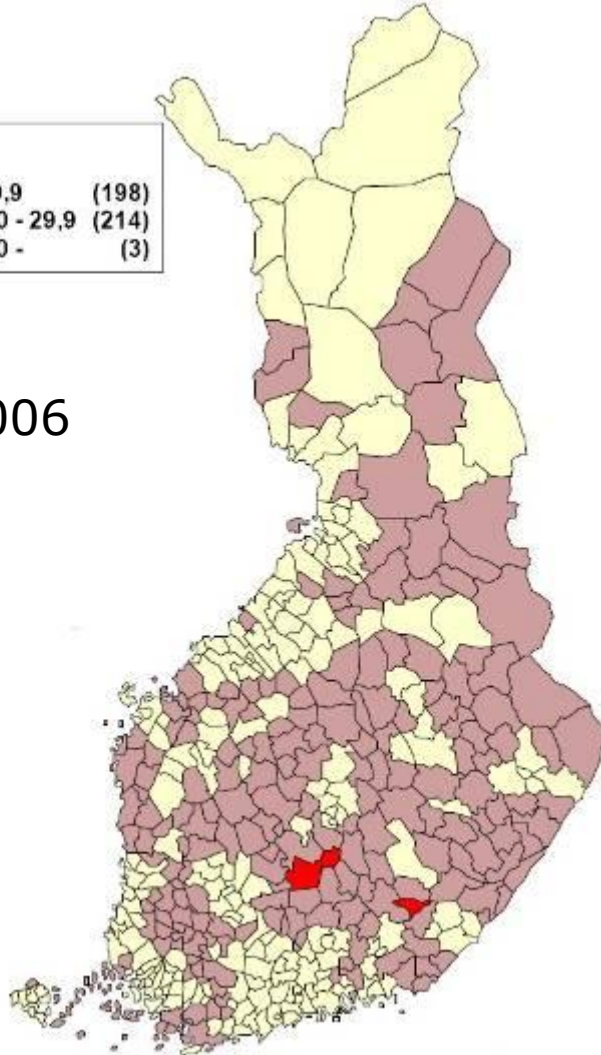
- In 2026, one in four Finns will be aged 65 or more
- Senior citizens
  - Feel more insecurity
  - Live longer (alone) in their own home
  - Decreasing ability to act in crisis situations



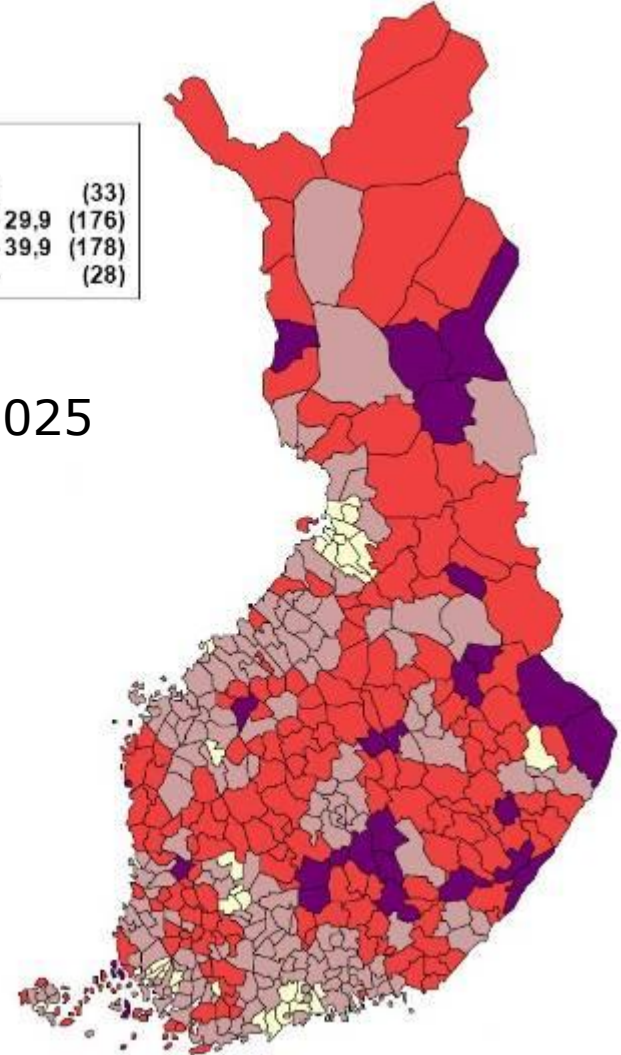
# Amount of people 65 years old or more



Year 2006



Year 2025





# If **extraordinary** happens?

- How many of us know what to do in crisis situation?
- How many of us have skills to act in crisis situations?



# Globalisation and cross border **crime**

- Hard, professional crime increases
- Most profitable types of crime
  - Trafficking human beings
  - Drugs
  - Smuggling of arms



# Climate change increases...

- **Poverty**, inequality
  - Between people, between countries, between continents
- And poverty and inequality increases
  - Amount on vulnerable people, possible victims of crime
  - Amount of people who find crime as a way to better and more prosperous life



# Risk of terrorism

- Behind terrorism
  - Poverty, feeling of inequality, lack of perspectives



# How to Adapt?

- More **cross-sectoral co-operation**
  - The importance of the wide picture
- Raising awareness
  - Climate change effects in all fields of the society
- Reviewing of regulations
- Research needed