



# HAREN:

# HOW TO MAKE GOOD USE OF THE PRODUCT IN RESCUE SERVICES

*The Ministry for internal security and migration*

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# TOPICS

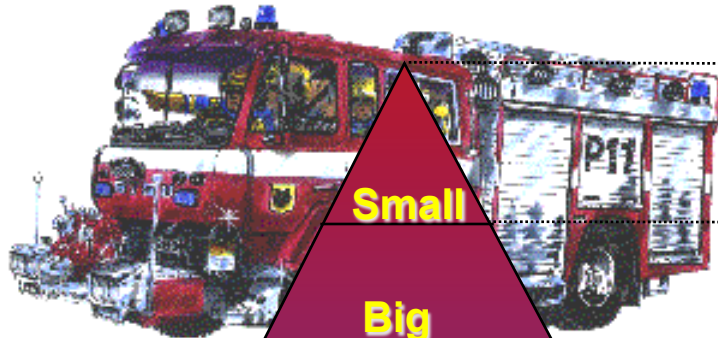
- **What is important to the rescue services in general**
- **HAREN-product in particular**
- **First impressions of the users**

# Command of Rescue Operations in Finland

Size of the Accident

Formations

Leader



**Small**

Rescue Unit

Sub Fire Officer

**Big**

Rescue Platoons

Fire Officer

**Disaster**

Rescue Companies

Fire Chief or  
Regional Fire  
Commander \*)

**Catastrophes  
and WAR**

Civil Protection  
Formations

Command Centre in  
a municipality or at  
State-level at Mol

\*) The Department for Rescue Services at the Ministry of the Interior can give orders or nominate a new leader

# PERSONNEL IN RESCUES SERVICES IN FINLAND

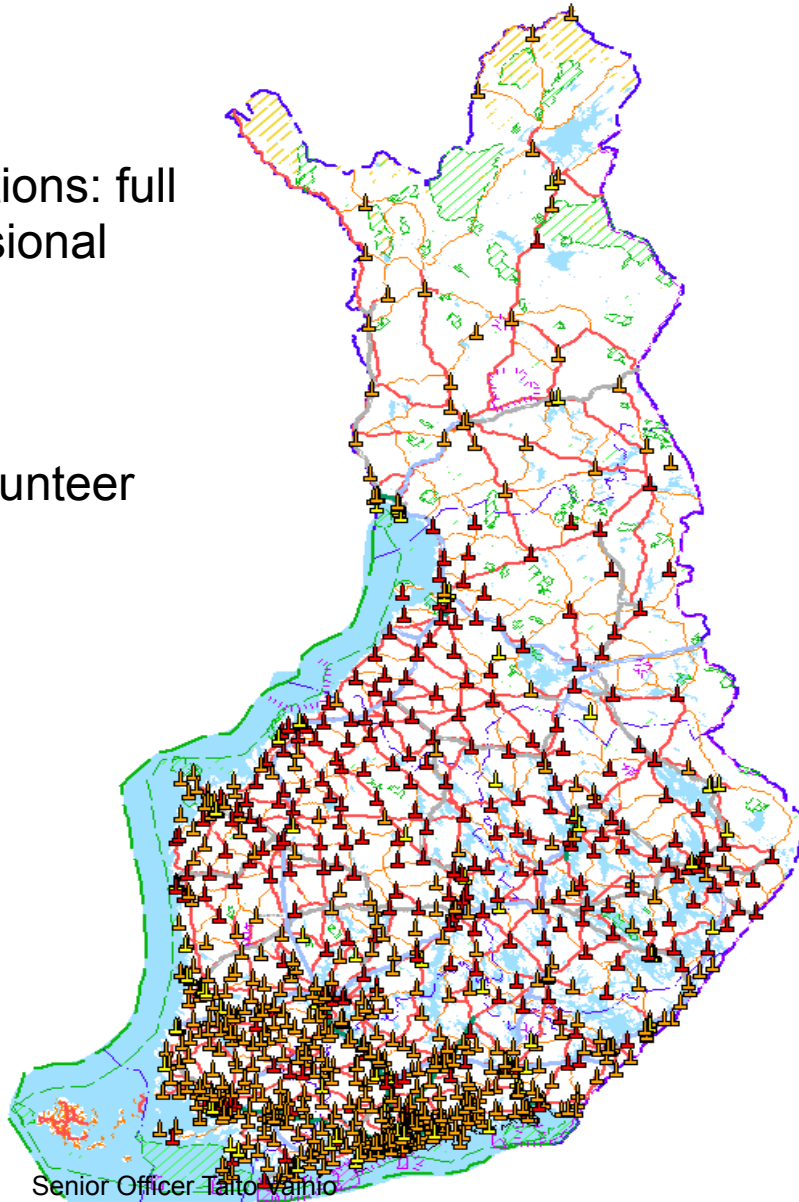
- 5 000 professional fire fighters
- 4 300 part-time fire fighters
- 11 300 voluntary fire fighters



# Fire stations

The red stations: full  
time professional  
stations

The orange  
stations: volunteer  
or part time  
stations



# PREPAREDNESS

- **Prime minister's office has control room 24/7**
- **Different ministries activate their own control room when necessary (duty officers on call)**
- **Emergency response centres are in duty 24/7**
  - **Emergency calls**
  - **They do not uphold the situational picture**
  - **Responsibility of the situational picture belongs to the rescue regions**
- **Larger rescue regions have control rooms 24/7**
- **Smaller region's control rooms are activated when necessary**

# THE EFFECTIVE PREPAREDNESS

- **The system is based on everyday preparedness**
- **The preparedness is raised when needed**
  - **Early warning**
- **In addition to early warning the rescue authorities need more precise information or forecast what will be the affected area in order to locate the resources effectively**

# HAREN

- **The rescue services get early warning from the Finnish Meteorological Institute (FMI) days in advance**
  - It is clear that forecasts are quite inaccurate at this point
  - However it gives the rescue regions an important signal to start to follow the situation
- **The forecasts are getting more precise when e.g. the heavy rain is getting closer**
- **This makes it possible to raise the preparedness in phases and finally decide where to locate your resources**



# FIRST IMPRESSIONS

Heavy rain probability animations of HAREN. Evaluate the quality of animations in scale 1-5.

Number of replies: 10

	1	2	3	4	5	<u>Altogether</u>	<u>Average</u>
a) Easy to understand the HAREN-product	0	0	3	6	1	10	3,8
b) Usability of the HAREN	0	2	2	6	0	10	3,4
c) Functioning of the HAREN-product	0	1	3	5	1	10	3,6
d) Outlooks of the HAREN	0	2	0	8	0	10	3,6
e) Is HAREN useful for your <u>organisation</u>	0	2	4	3	1	10	3,3
f) Reliability of the HAREN	0	1	2	7	0	10	3,6
<u>Altogether</u>	0	8	14	35	3	60	3,55

# FIRST IMPRESSIONS

Evaluate the usefulness of HAREN-product.

Number of replies: 10

	1	2	3	4	5	Altogether	Average
a) Rain probability	0	0	1	9	0	10	3,9
b) Heavy rain (>20 mm/h) probability	0	0	1	4	5	10	4,4
c) Heavy rain (> 50 mm/vrk) probability	0	0	0	5	5	10	4,5
Altogether	0	0	2	18	10	30	4,27

# THE NEED OF THE RESCUE SERVICES

- **The goal of the rescue service is to protect people, environment and property**
- **In order to do this as effective as possible**
  - **Fast, accurate and relevant information to the authorities**
  - **Fast, accurate and relevant information to the public**