



PETU10+

Research guidelines for  
rescue services

19 May 2016

# PETU10+

- PETU10+, Research guidelines for rescue services, is a dynamic document steering RDI activity in rescue services
- The PETU10+ themes are defined for a period of 10 years, spearheads for the duration of the government term, and specific issues for a period of one year.
- The first theme is defined on the basis of the development needs outside rescue services; **Rescue services in the dynamic environment**
- The second theme is defined on the basis of the development needs within rescue services; **Operations of rescue services**
- The third theme deals with the responsibility of individuals and groups formed by individuals; **Role of individuals in safety**
- The RDI services at Emergency Services College are in charge of the PETU10+ revisions. The management of the Department for Rescue Services of the Ministry of the Interior confirms PETU10+ by the end of March every year.

# Research information is needed

- to support decision making
- to develop operations of rescue services
- to develop education

# Themes and spearheads

## Rescue services in the dynamic environment

- Changing and increasing complexity of the accident profiles
- Social risks
- Political and economic factors
- Changes in dynamics of the international environment

## Operations of rescue services

- Changing roles of rescue services
- Function and quality of services
- Expertise, competence requirements and education of personnel
- Methods renewing rescue services

## Role of individuals in safety

- Attitudes toward safety
- Interaction
- Intentional weakening and threatening of safety

# Rescue services in the dynamic environment

- Changing and increasing complexity of the accident profiles
  - ❖ Positive and negative outcomes of digitalisation and power interdependencies
  - ❖ Threats caused by novel materials and their impacts on rescue operations
  - ❖ Assessment of and preparedness to new threats
- Social risks
  - ❖ Impacts of aging of population on rescue services
  - ❖ Impacts of increasing social polarisation on accident proneness
  - ❖ Impacts of immigration on rescue services
- Political and economic factors
  - ❖ Impacts of structural changes on rescue services
  - ❖ Impacts of changes in public funding
  - ❖ Role of rescue services as part of safety and security
- Changes in dynamics of the international environment
  - ❖ The EU's Civil Protection Mechanism
  - ❖ Aid provided following international agreements
  - ❖ Co-operation with neighboring countries

# Operations of rescue services

- Changing roles of rescue services
  - ❖ Gaps of safety and security and interagency co-operation
  - ❖ From reactive to proactive
  - ❖ Innovations for accident prevention
- Function and quality of services
  - ❖ Standard and effectiveness of services with less resources
  - ❖ Future of contract fire brigades
  - ❖ Function of emergency response centres
- Expertise, competence requirements and education of personnel
  - ❖ Multi-skilled personnel, capability to utilise digitalisation
  - ❖ Competence identification and career development
  - ❖ Conformity of education to requirements of work
- Methods renewing rescue operations
  - ❖ Rescue techniques and occupational safety
  - ❖ Planning and management
  - ❖ Rescue technology

# Role of individuals in safety

- Attitudes towards safety
  - ❖ Current state of safety culture
  - ❖ How indifference reflects to causes and consequences of accidents
  - ❖ Accidents caused by negligence
- Interaction
  - ❖ New modalities of volunteering and exploiting volunteer activity
  - ❖ Interaction between individuals, groups and the authorities
  - ❖ Adopting new procedures
- Intentional weakening and threatening of safety
  - ❖ Radicalisation
  - ❖ Interference and violence towards authorities
  - ❖ Terrorism