



# Federal Office of Civil Protection and Disaster Assistance (BBK)

Presentation by Dr. Karin Braun





## Experience from an end-user perspective

# Concerning CBRN-protection BBK has been involved in two kinds of research programmes:

- § Civil Protection Research (Programme of the BBK)
- § Research for Civil Security (Programme of the German Federal Government)



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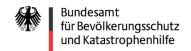


#### **Civil Protection Research**

- § BBK doesn't carry out research projects by itself
- § BBK uses the results and solutions to improve civil protection (end user)
- § BBK assigns a research partner:
  - **University**
  - § Enterprise
  - § Institute with special knowledge and experience
- § All Projects are accompanied by a working group



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#### Project accompanying working group

- **§ Head: expert of the BBK**
- **§ Members are experts:** 
  - **Scientific specialists**
  - **§ Pragmatists of the fire brigades**
  - **§ Trainers and teachers**
- § Tasks
  - **§ Rapid implementation of the results**



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#### **Research for Civil Security**

### **§ Two programme lines**

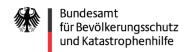
- **Scenario-based security research**
- § Research in technology interconnections

### § Both lines set value upon

- § Acceptance of the technological development
- § The sources of threat
- § Data protecton
- **§** The impact on human rights and civil liberty



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#### Tasks of BBK as an end-user

- § BBK has been involved in the projects in the role of an end user
- § BBK defines the requirements of the technological products
- § BBK tests the developed technological products in his own laboratories
- § BBK develops handling strategies
- § BBK pays attention to the practicability of the results





## What is important from the perspective of an end-user

- § Acceptance by users and citizens
- § Praxis orientation of the whole project
- § Practicability of the results
- § Approriate training requirements for the use of the solutions (easy to handle)
- § Cost-effective systems for a widespead use



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## Suggestions for improvement of transfer of R&D into the user community

- § Obligatory involvement of an end-user
  - § as partner in the research project
  - § as member of a project accompanying working group
- § Demand for holistic solutions to technical equipment, organisation and handling strategies
  - § Scenario-oriented
  - **§ Technology interconnections**
- § Set-up of Innovation platforms
- § Set-up of a programme committee



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## Thank You for Your attention!

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