



Bundesamt
für Bevölkerungsschutz
und Katastrophenhilfe



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)





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**





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**





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 protection
- § The impact on human rights and civil liberty





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**
- § **Appropriate training requirements for the use of the solutions (easy to handle)**
- § **Cost-effective systems for a widespread use**





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**





Thank You for Your attention!

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