

## OUR PARTICULAR VISION

We are highly interested in the security call SEC-01-DRS-2016 aiming at **integrated tools for response planning and scenario building**. We would like to offer a potential consortium a platform which allows an integration of analytical (decision aiding methods) and operational (sensors, monitoring technologies, etc.) support tools (e.g. those developed in FP7). The platform should address multiple threat scenarios for the specific application in the **Danube basin**.

### Analytical Platform for Disaster Response Planning and Scenario Building in the Danube Basin

The purposes of the platform could be

- Enhancing the **cooperation** among crisis management responsibilities in the Danube basin
- Facilitating the **inter-organizational intervention, cooperation and coordination** of international response units with different capabilities in disasters where the EUCPM is activated
- Supporting **multi-actor response capability planning** between neighboring countries in coping with current and future disaster risks (floods, CBRN-threats, climate change impacts)
- Enhancing the capability to exchange and **update knowledge** for response planning and scenario building (best practices, lessons learned, sensor data, warning systems, satellite monitoring)



[http://www.ceebusinessportal.eu/documents/10180/11018/chambers\\_map.png/e2ee2827-7e21-49d5-90b1-3edda081b6d7?t=1386531928398](http://www.ceebusinessportal.eu/documents/10180/11018/chambers_map.png/e2ee2827-7e21-49d5-90b1-3edda081b6d7?t=1386531928398)

## WHO WE ARE

The interdisciplinary research group **Accident Management Systems** at the Karlsruhe Institute of Technology (KIT), Germany, consists of **20 scientist** which have scientific backgrounds in Engineering, Information Sciences, Physics, Mathematics, Meteorology, and Disaster and Emergency Management.

In former security research projects we developed several **decision support tools for risk and crisis management**. The project addressed different methodological aims and fields of application. We, for instance, conducted research activities for

- The impact analysis and response planning for power outages,
- The Disaster response in situations of food shortages,
- The analysis of public transportations to cope with terrorist attacks, and
- The information exchange in multi-actor environment.

## FURTHER EXPRESSION OF INTEREST

Beside the Call SEC-01-DRS-2016 we are also interested in other Calls. These are:

- **Call - CRITICAL INFRASTRUCTURE PROTECTION**  
**CIP-01-2016-2017**: Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe.

Our potential:

- Experts in managing the impacts of CI-breakdowns in Germany (emergency and disaster management, preparation of first responders and response activities)  
Models for assessing the impacts of CI-breakdowns

- **Call - SECURITY**  
**SEC-02-DRS-2016**: Situational awareness systems to support civil protection preparation and operational decision making

Our potential:

- Development of tools to interact and exchange contact details, threat information and knowledge (e.g. lessons learned)

## INTERESTED IN FORMING A CONSORTIUM? CONTACT US!

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