

# Poster Day

## *The challenge to support self-protection*

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*ANYWHERE Kickoff Meeting*

*Barcelona/Sitges, 09.06.2016*



**PADERBORN UNIVERSITY**  
*The University for the Information Society*



## WP5: A second perspective in ANYWHERE

- Full crisis management cycle
- Pro-active and reactive actions
- Support for emergency services

- WP2: W&C forecast
- WP3: Impact forecast (MH-EWS)
- WP4: Decision support for emergency response (A4DEMOS)

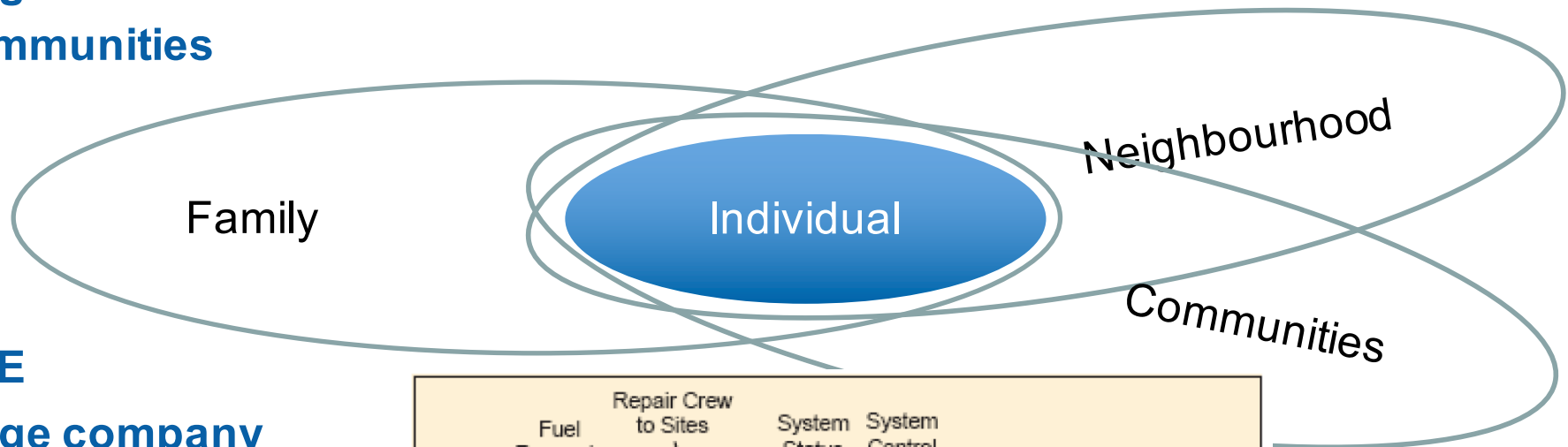
- WP6: Pilots (4 sites)
- WP7: Business models
- WP1: Co-ownership (?)

- **WP5: Self-preparedness and self-protection**

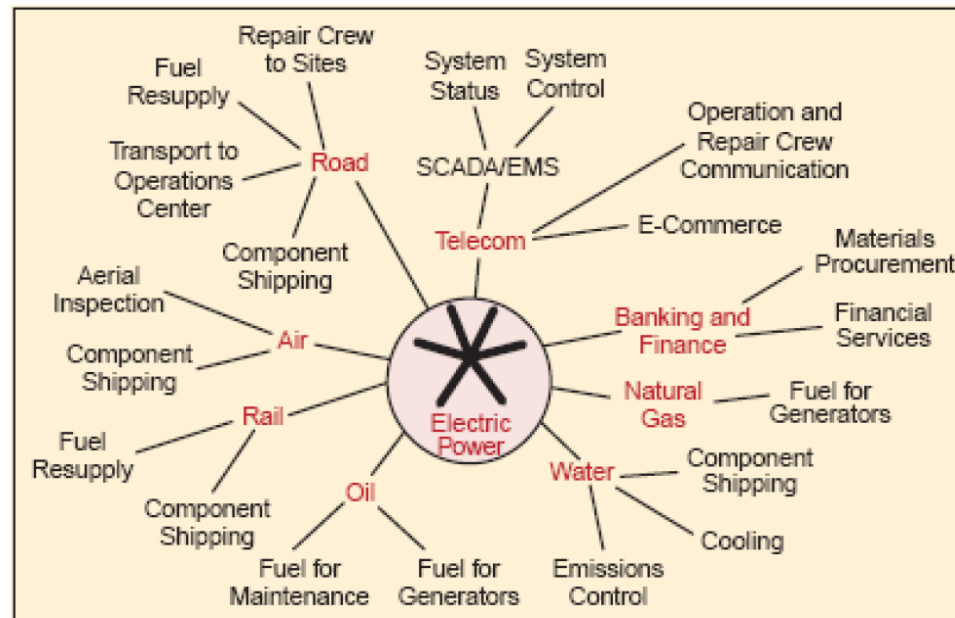
- **Secure Societies!**
  - Reduce vulnerability/exposure
- **Innovative companies!**
  - Create business opportunities

# Subjects

- Citizen
- Neighbourhoods
- Communities



- SME
- Large company
- Critical Infrastructure



EC, SWD(2013) 318 final, 28.8.2013

## ➤ Obligation

Communication of obligations to citizens by German BBK

22 Flooding 23

### Flooding

There are regions in Germany which are threatened by floods and climatic developments over the past years suggest that floods may occur to an increasing extent. While the Federal Government, the state governments and the local authorities are investing large amounts of money in preventive flood control, every individual must also contribute to limiting the damage by taking specific precautions. We wish to give you some advice in this respect.

Notice: Contact your local authorities to obtain information on the critical high-water mark for the area you live in. The regular supply of electricity, foodstuffs and drinking water may be limited or even disrupted in case of flooding. This condition may persist for some time even if there is no more immediate danger, as infrastructure may have been damaged by the floods.

**Things to prepare:**

- ▶ Store lining boards, waterproof plywood boards, and silicon to board up and seal doors and windows, as well as sandbags.
- ▶ Move hazardous substances (such as chemicals) to a safe storage place in time.
- ▶ Remove valuable furniture or equipment from at-risk rooms and take them to a safe storage place.
- ▶ Use water-resistant building material and sealants in at-risk rooms.
- ▶ Secure your heating-oil tank so that it will not turn or tip over if water in your flooded basement causes it to float (use a vertical-anchoring system or place ballast material on top, for example by covering the tank with earth if danger is imminent). If possible, use a tank whose design allows for "water pressure from outside". Make sure pipes and lines can be shut off.

**Things you may need:**

- ▶ A stock of food and drinking water
- ▶ A battery-powered radio set and a sufficient number of spare batteries

## ➤ Resource shortage

Homepage Bosch Germany Support and Contact english

### Bosch Connected Vehicle Fleet Management

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Business Customers

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## ➤ Optimisation of response

lighting source coal, if you have a wood or use in an emergency emergency packs and included in this brochure. by or sick people. Take precautions for to stay with relatives or friends who live animals. telephone network and even the mobile n. Talk to your neighbours and fire department s and "danger" signs to communicate with t. mly about the preparations you have made should respond in such a situation, and what sonally: Talk about "role allocation" in an it with the main switches and shutoff valves, al documents, etc.

Highly integrative fleet management

# Cooperation with professional emergency services

www.retter.tv

## ➤ Reacting to alert

www.eldelfinverde.com



## ➤ Acting without reception of alert



www.marca.es

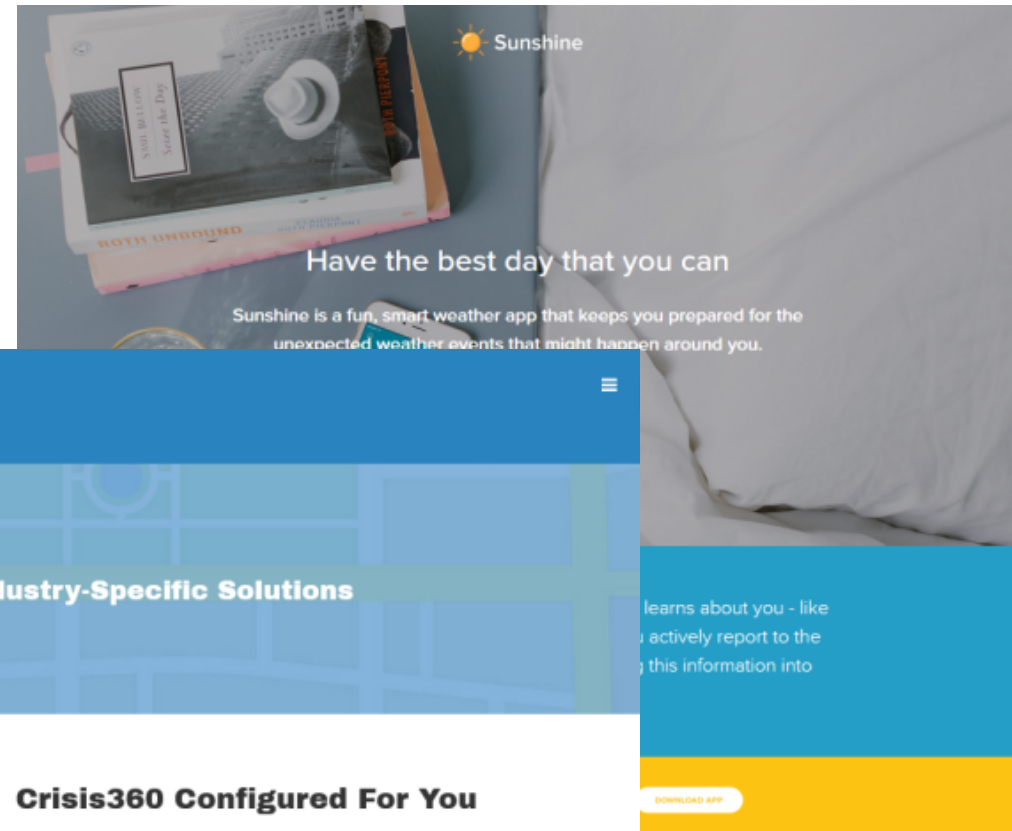


www.cnbc.com



www.ksta.de / dpa

➤ **Special self-p\*  
tools and services**



Sunshine

Have the best day that you can

Sunshine is a fun, smart weather app that keeps you prepared for the unexpected weather events that might happen around you.

learns about you - like  
actively report to the  
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➤ **Standard  
tools and services**



**CRISIS 360**

Industry-Specific Solutions



### Crisis360 Configured For You

Regardless of your business or industry, your crisis plans and business continuity objectives will always focus on protecting lives, assets and infrastructure. However, Crisis360 recognizes that the types of incidents common among similar businesses, along with the legislation and terminology, may all differ.

### What keeps you awake at night?

Universities | Retail & Restaurants | Power & Utilities | Logistics & Transportation |  
Healthcare | Municipalities | Facilities Management

<http://www.crisis360.com/>

## ➤ Self-Preparedness

Serious Game:  
No scripts,  
every phenomenon  
should be simulated



## ➤ Self-Protection

Business Continuity:  
Plans for preparedness  
Support for protection



# Methodology

- A service for camping sites in flash flood areas
- A service for schools located in flash flood areas
- A service for electricity networks in storm events
- A service for food distribution/logistics companies

Existing self-p\* products

Existing standard products



MH-EWS  
A4DEMOS



But following  
guidelines, patterns, recommendations!





Thanks a lot for your attention!



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