



PREPARED

Utility Alliance Forum

Session 1: Management of the urban water cycle under Climate Change conditions



PREPARED as a utility-driven project

- Challenges prioritized by the cities
- Tools / solutions developed in collaboration with the utilities / cities
- Demonstration of the tools / solutions in the cities

Challenges

- Adaptation to water resource scarcity/quality changes
- Adaptation to extreme rainfall events
- Integrated approaches to adaptation – Enabling change

Demonstrated tools

- Models as planning tools or for real-time control
 - Sewer networks / receiving waters
 - Water supply
- Sensors / methodologies for system assessment / RTC
- Water Cycle Safety Plan
- Adaptive Planning Process
-

SUCCESS STORIES:

- Close cooperation between research, operation & authority,
- Demonstrated tools handed over to end-user for further use / development



Questions



- Were the challenges defined in the beginning the ones we are still facing today? What has changed?
- Did the developed tools meet the needs? What is still to be done?
- Was the demonstration of the tools in real life successful?
- What have we learned...
 - In terms of science and technology?
 - In terms of practical implications?
 - In terms of collaboration between research & practice?
- How can we make use of the developments in the future?



Questions



- Future Alliance Forum meetings:
 - E.g. at IWA or other technical conferences:
 - Contact raul.glotzbach@iwahq.org



Thank you very much for your attention!

