

World Cafè

Network (Re) design

Quick survey: number of members who are working on redesigning network

- 2-3 countries are in the process/ have redesigned national network
- The major need is integrating/extending/innovating existing network

Changes in the network in the last 10 years

- Automatization
 - Key issue for real time monitoring, forecasting
 - Reduces cost of running the network
 - Important for transboundary cooperation

Changes in the network in the last 10 years

3xW-driven design :

1. Why?

floods – forecasting or previous floods
water resources needs
conflicted area/resource

Changes in the network in the last 10 years

3xW-driven design :

2. Where?

prioritarization criterias could be

- minimum essential density coverage
- area with maximum impact/ political influence
- basin dimension-related problems (need to improve monitoring in small basins vs discharge measurement problems in large basins due to safety issues))

Changes in the network in the last 10 years

3xW-driven design :

3. What?

technical solutions

real time

redundancy

vandalism

Needs, Constraints and problems

- Financial resources for new installations and for network **maintanance**
- Insourcing vs outsourcing experience
- Human resources!