

# Small-scale Water Supplies and Sanitation

## Status of work and target setting

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# Why again “small systems“?



# Disease burden in the WHO European region

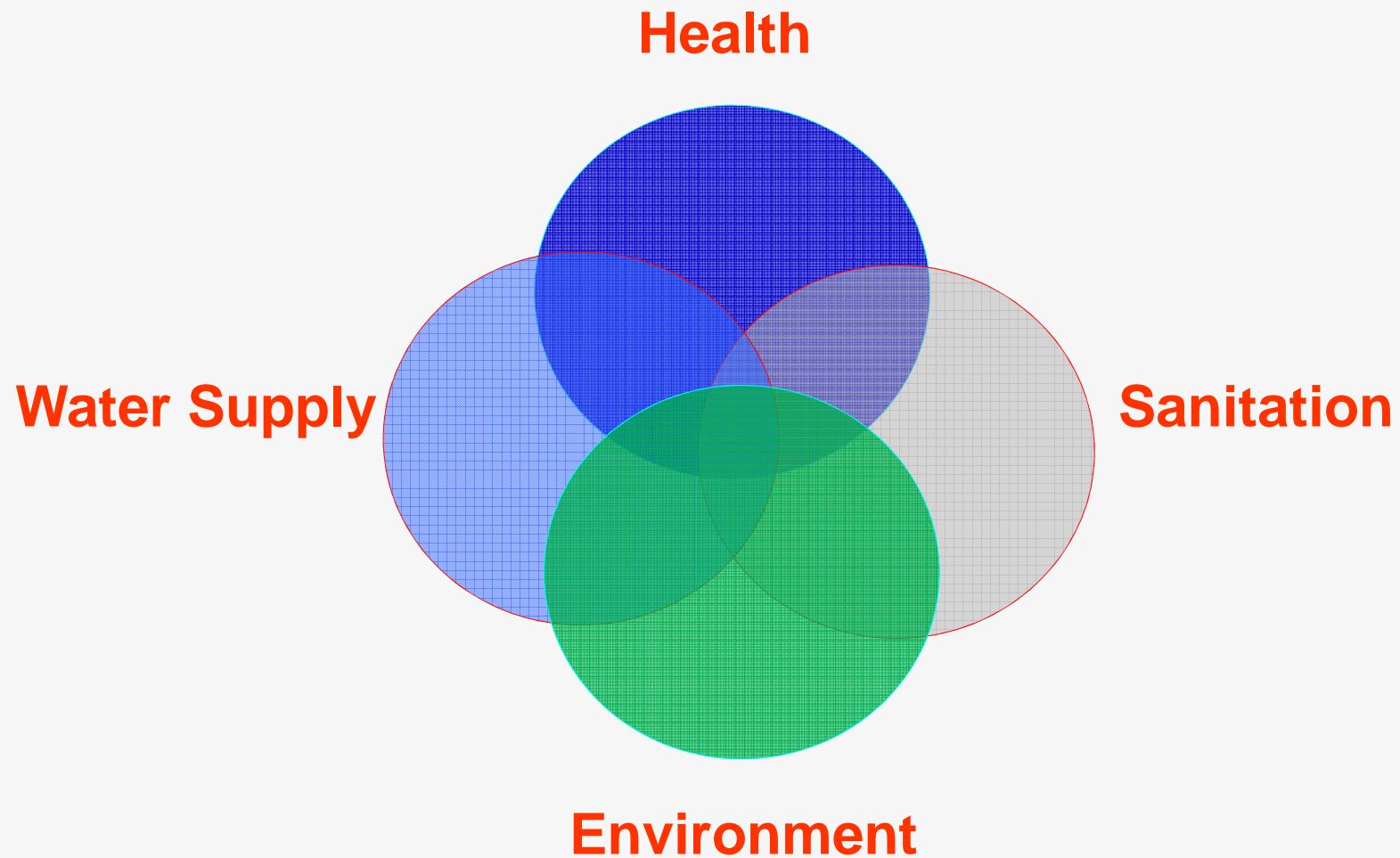


- 13,500 deaths per year of children under 14 years of age due to poor water, sanitation and hygiene (wash)
- Over 11,000 deaths occur in the EUR-B\* sub-region

\*EUR-B sub-region: Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Georgia, Kyrgyzstan, Poland, Romania, Serbia and Montenegro, Slovakia, Tajikistan, The former Yugoslav Republic of Macedonia, Turkey, Turkmenistan, and Uzbekistan

WHO / Institute for Hygiene & Public Health, University of Bonn, Germany  
WHO CC for Health Promoting Water Management and Risk Communication

# Thematic linkages



# Work Programme 2011-2013 /1

- **„Cross-cutting“ issue:** Small-scale water supplies and sanitation – approved by the 2<sup>nd</sup> MOP in Bucharest (November 2010)
- **Lead Parties** and organizations:
  - Germany and Czech Republic
  - Women in Europe for a Common Future (WECF)
- **Responsible bodies:**
  - Expert group approach
  - Close collaboration with Task Forces

# Work Programme 2011-2013 /2

## ● Activity areas:

- Development of policy guidance document
- Improvement of evidence base: questionnaire
- Translation of water safety plan guidance for SSWS into Russian
- Facilitating sharing of experience and enhanced regional networking
- Field work: e.g. Water and Sanitation Safety Plans for schools, best practices document, WSP pilot projects, pilot sanitation installations

# Work accomplished since MOP 2

- **Initial planning meeting**  
(Prague, 17 January 2011)
- **Extended lead-party meeting**  
(Berlin, 20-21 June 2011)
- **WGWH**  
(Geneva, November 2011):
  - outline of questionnaire and awareness raising document

# Policy guidance document

- **Nature** of guidance document:
  - Integrated perspective on “drinking-water” and “sanitation”, including water and sanitation safety plans
  - Driven by “best practice case studies” serving as success stories
  - Promote target setting in this area for Parties to the Protocol
  - Stress need for inter-institutional collaboration
- **Target audience:**
  - Decision makers at national, regional and local level (e.g. regulators)
- Suggested **timeframe and further activities:**
  - Ongoing identification contributors
  - Case studies and draft chapters by mid-2012

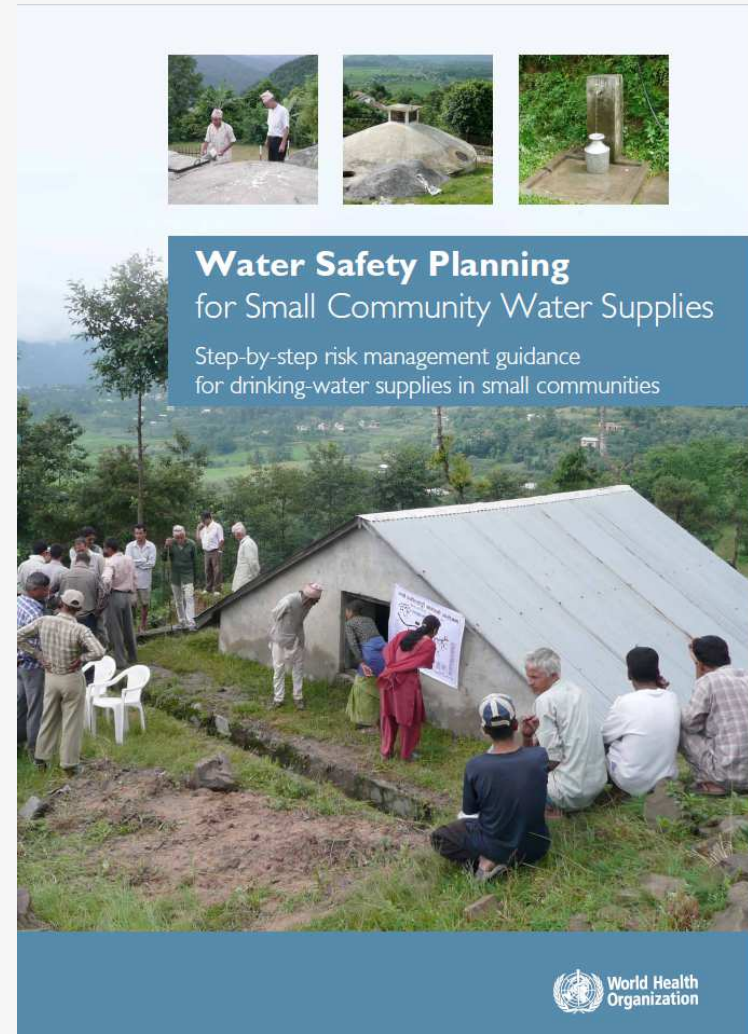


# Questionnaire

- Purpose of the questionnaire
  - Improve evidence base, NOT compare countries
  - Inter-sectoral collaboration
- Definitions of SSWS
  - Small-scale water supply (SSWS): Public water supplies and individual supplies
- Comparability; free-style entry sections
- Outline aligned with format of reporting under the Protocol
- Questionnaire finalised, distribution shortly, assessment after data return

# WSP guidance for Small Community Water Supplies

- English document currently being finalised
- Translation into Russian funded by the German BMU / UBA Advisory Assistance Programme
- Publication envisaged for 2012



# Supporting the application of WSSP: working package for implementation

- **Water safety plans (WSP) manual** for small-scale water supplies and small-scale sanitation
  - educational materials on sanitation and hygiene
  - risk assessment and minimizing risk
  - mapping of sources of pollution from waste water/sanitation
  - Water protection zone inspection
  - Planning of sanitation and drinking water improvement
  - Developed by WECF, funding DBU
  - Including 5 pilot projects for WSP



# Pilot projects WSP in small scale supplies

## Example Tajikistan

- Small scale water supplies in pilot areas
- Training of facilitators
- Implementation WSP in small supplies in pilot areas



# Project Georgia

- Funding by German BMU / UBA Advisory Assistance Programme
- Together with WHO Europe
- For two districts:
  - Situation assessment
  - Rapid assessment of drinking-water quality and sanitary risks
  - Outreach program
  - Training of local authorities
- Supports baseline analysis and target setting under the Protocol



# SSWSS – area for target setting /1

- Reported examples:
  - Access to drinking water: Publication of **advice booklet for private well owners, reduce number of non-compliance**
  - Outbreaks / incidence reduction: Related actions include awareness-raising campaigns and **capacity-building of operators of small-scale drinking water supplies**
  - Access to drinking water: Some targets are related to improving data availability, **including for small-scale and private supplies**
  - Level of performance: **Improving information base** for determining and assessing the level of performance of small-scale public drinking water supplies

# SSWSS – area for target setting /2

- What could be areas for setting targets with respect to SSWSS?
- Are these issues addressed in national legislation and strategies?
- Is there a sufficient evidence base for targets aiming at improving the situation?
- Have you set targets for SSWSS, and what are the challenges?