

Small-scale Water Supplies and Sanitation

Status of work

Oliver Schmoll and Bettina Rickert

11 October 2012
Geneva



Umwelt
Bundes
Amt 
For our Environment

Disease burden in EURO



- 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

Work Programme 2011-2013 /1

- **„Cross-cutting“ issue:** Small-scale water supplies and sanitation – approved by the 2nd MOP in Bucharest (November 2010)

- **Lead Parties** and organizations:
 - Germany and Czech Republic
 - Women in Europe for a Common Future (WECF)

Work Programme 2011-2013 /2

- **Activity areas:**

- Development of policy guidance document
- Improvement of evidence base: questionnaire
- Translation of WHO water safety plan guidance for SSWS into Russian
- Facilitating sharing of experience and enhanced regional networking
- Field work

- **Responsible bodies:** Expert group approach

Milestones since MOP 2

- **Initial planning meeting** (Prague, January 2011):
- **Extended lead-party meeting** (Berlin, June 2011):
- **WGWH** (Geneva, November 2011):
 - Draft questionnaire
 - Outline of policy guidance document
- Preparation and distribution of **questionnaire** (June 2012)
- Translation of **WSP guidance** into Russian (July 2012)
- **Field projects** completed in TJK and GEO

Policy guidance document /1

- **Target audience:** Decision makers at national, regional and local level (e.g. regulators)
- **Nature of 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

Policy guidance document /2

- Need for **explicit policies and targets**
- **Policy instruments and programs:**
 - Resource-sensitive and effective surveillance strategies
 - Financial aspects and incentive programs
 - Local resource protection, incl. cooperation agreements
 - Awareness raising and outreach programs to local population
 - Partnership arrangements and networking
 - Ongoing education and qualification of operators
 - Capacitating institutions
- **Water and sanitation safety plans**

Policy guidance document /3

- **Collaboration** with TF on Targets and Reporting and activity on equitable access

- **Ongoing activities:**
 - Progress slower than expected
 - Ongoing identification of case study contributions
 - Next expert group meeting first half of 2013 (*subject to funding*)
 - Draft for peer review by coming WGWH

Questionnaire /1

- **Purpose:** Improve evidence base, NOT compare countries
- **Thematic areas addressed:**
 - Regulations
 - Numbers and types of supplies
 - Raw water sources
 - Operators and organization
 - Water quality
- Outline aligned with format of reporting under the Protocol

Questionnaire /2

- Questionnaire distributed in June 2012:
Focal points and WHO CO
- Return rate (*as of today*): 33 countries (62 %)
- Parties, signatories and others

- ***You can still submit***

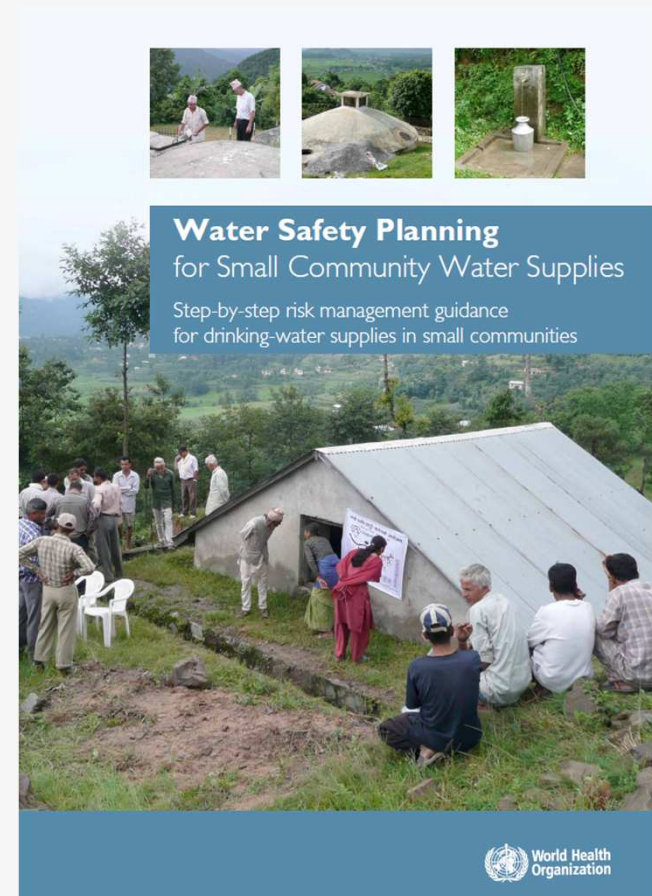
- **Next step:** data assessment by mid 2013

WSP guidance for small supplies

- Guidance manual facilitates WSP in small supplies
- Published July 2012
- Russian translation funded by German BMU/UBA Advisory Assistance Programme

http://www.who.int/water_sanitation_health/publications/2012/water_supplies/en/index.html

http://www.who.int/water_sanitation_health/publications/2012/water_supplies/ru/index.html



Facilitate enhanced regional networking

- Envisaged joint meeting of WHO International Small Community Water Supply Network and Protocol in the EECCA region in 2013
- Lead Parties are currently exploring options for holding and funding such a meeting
- **Host country?**

WSP in Tajikistan

- WSP in small supplies in two pilot villages
- Training of WSP facilitators
- Upgrade of supply infrastructures
- Review of local WSP implementation
- Documentation of success stories, WSP guidance and supporting templates (*ongoing*)
- Funded by BMU, Germany
- Implemented by WHO and UBA



Rapid assessment in Georgia /1

- RADWQ for two pilot districts:
 - Situation assessment
 - Water quality and sanitary risks
 - Outreach program and training
- Support to baseline analysis and target setting under the Protocol
- Triggers enhanced communication among national stakeholders
- Funded by BMU/UBA, Germany
- Implemented by NCDCPH
- Technically supported by UBA & WHO



Rapid assessment in Georgia /2

- Ca. 50 % of water samples showed microbial contamination
- Chemical contamination is not of concern
- Sanitary inspections revealed high number of risk factors
- One third of supplies require “urgent” improvement
- In most supplies, drinking water is not disinfected, or practices are inadequate
- Ongoing surveillance is not in place
- Public awareness on water hygiene is lacking

New opportunities?

- Collaboration with UN Habitat on water operator partnerships
- “Increased” interest by EU COM
- Water and Sanitation Safety Plans
- “New” approaches to disease surveillance

WSP Compendium for rural settings

Providing more structure – more background information



- 19 modules with background information and working materials for developing WSP for small scale water systems - including centralised piped water (*WSP Compendium*)
- Target groups: Schools, youth groups, NSA: tests in 5 Bulgarian villages
- Authors: WECF, Bulgarian partner Earth Forever and EcoWorld 2007
- Project and publication receives financial support of DBU



WSP Compendium for rural settings

Providing more structure – more background information



Structure of most modules:

- Summary of content, objectives
- Information about a specified water issue
- Experiments and questions
- WSP related activities
- Text sources and further reading

End of 2012
 down loadable in Bulgarian and English
 language at www.wecf.eu



WSP Compendium for rural settings

Providing more structure – more background information



2 Modules: General information on WSP for small scale water supply systems

11 Modules: Educative information on e.g. general water issues, drinking water sources, d.w. treatment , regulations, etc.

6 Modules: Suggestions for practical activities, risk assessment forms, questionnaires, examples of processing the collected data

Next steps



- Adaptation of the WSP Compendium to local authorities and other interested stakeholders
- Target groups: Water suppliers, administration of small communities, NSA