

3<sup>rd</sup> session of the Meeting of the Parties to the  
Protocol on Water & Health. Oslo, 25-27 November 2013



# Small-scale water supplies and sanitation

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26 November 2013  
Oslo, Norway



# Work Programme 2011-2013



- **„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 body:** Expert group approach



# Milestones since 2010



- Publishing of “Small-scale water supplies in the pan-European region”
- **2 extended lead-party meetings**
- Preparation, distribution and assessment of **questionnaire**
- Translation of **WSP guidance** into Russian
- **Field projects** completed in TJK, GEO and Bulgaria
- Preparation of draft **policy guidance**



# Policy guidance document



- Nature of guidance document:
  - Integrated perspective on “drinking-water” and “sanitation”
  - Driven by “best practice case studies” serving as success stories
  - Promote target setting in this area for Parties to the Protocol
  - Flag equitable access
  - Stress need for inter-institutional collaboration
  - Need for adaptation of solutions and prioritization
  - Informed by outcomes of questionnaire exercise
- Main target audience:
  - Decision makers at national, regional and local level (e.g. regulators)
- Extended outline (MOP3/WH/2013/INF.5)



# General new structure of document /1



- Introduction
- **A. The problem statement:** What are the concerns related to small-scale water supply and sanitation systems?
- **B. The encouragement statement:** Why should we specifically address small-scale water supply and sanitation systems?



# General new structure of document /2

- **C. Baseline analysis and target setting**  
*[TO BE COMPLETED]*
- **D. Policy instruments and programs: the enabling framework**  
*[TO BE COMPLETED]*
- **E. Policy instruments and programs: delivering safe services**  
*[TO BE COMPLETED]*

# 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
- Return rate: 43 countries (81 %)



# Questionnaire /2



- Preliminary assessment:
  - 22 % of the population are served by small-scale water supplies (including private wells)
  - In 67% of the questionnaires, responsibility for regulating SSWS is shared between institutions
  - 48%: no minimum qualification is required for operation of small public supplies
  - 18%: no independent surveillance, 17%: no regular self-checking required





# Sanitation – GWP Regional Study in Central and Eastern Europe (CEE)



- 17 countries, mainly CEE
- Main outcomes
  - More than **30% of population live in settlements with less than 2,000 inhabitants** (> 42 Mio people)
  - 60% of total inhabitants is connected to WWTP
  - There is **expert and scientific knowledge** on natural wastewater treatment systems in the region
  - **Transfer into practice is poor**
  - **Low awareness and recognition** of natural wastewater treatment systems in institutional and administrative level
  - **Lack of good examples** in majority of the countries



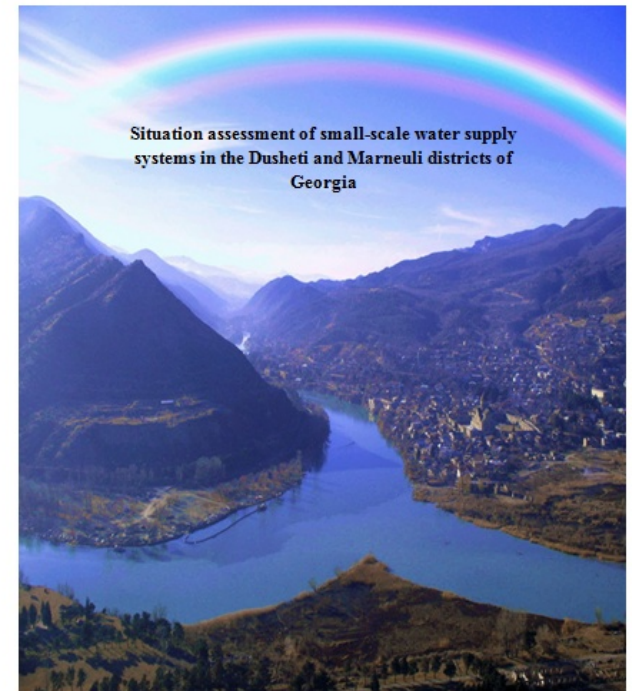
Published on <http://www.gwp.org/en/GWP-CEE/gwp-cee-in-action/news-and-activities/Rural-population-left-behind-with-limited-access-to-sanitation/>



# International support /1



- Baseline analysis in **Georgia**
- 40 / 32 % compliance *E.coli*, 26 / 20 % overall compliance
- 24 / 40 % need urgent attention
- Chemical contamination not of concern
- Informing future framework development
- Funded by BMU/UBA, Germany
- <http://www.umweltbundesamt.de/sites/default/files/medien/beratungshilfe/long/47-3-B-EN.pdf>



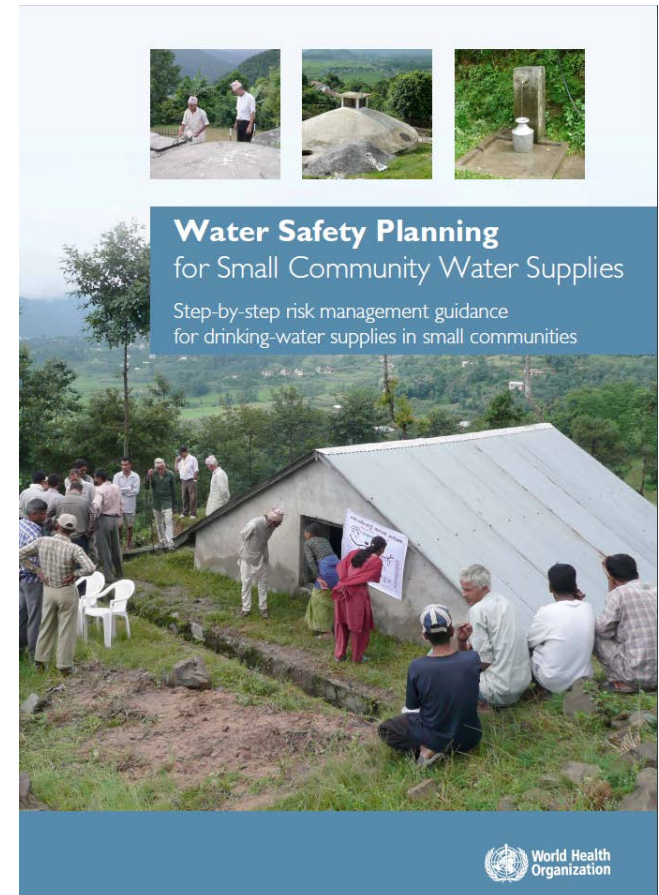
# WSP guidance for small supplies



- WHO 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/en/index.html)

[http://www.who.int/water\\_sanitation\\_health/publications/2012/water\\_supplies/ru/index.html](http://www.who.int/water_sanitation_health/publications/2012/water_supplies/ru/index.html)



# International support /2



- Pilot WSP, training of facilitators in Tajikistan
- Awareness raising brochure and templates

## WSP Task 2

Describe the community water supply

### Template 2-A

Map of water supply system

Template 2-A, on the back side supports you in implementing and documenting WSP Task 2. Once this template is completed, it becomes part of your WSP documentation binder.

Draw up a map of your water supply system. The map should show the layout and location of the main features using graphic elements but also additional descriptive text.

Uses surrounding the water source or abstraction points which may pollute the source water:



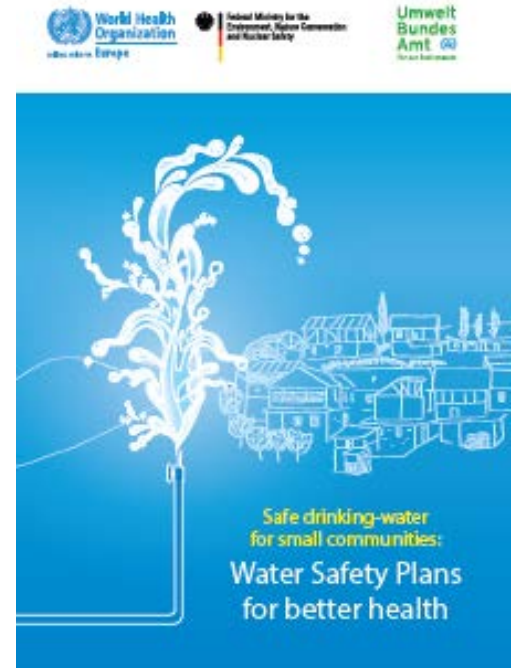
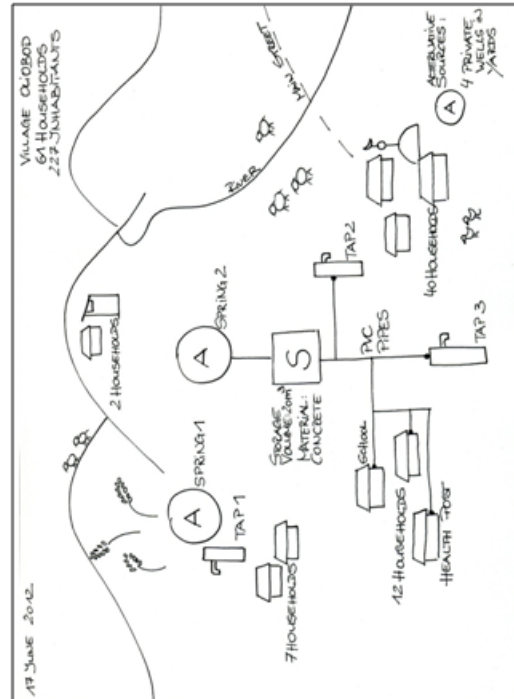
#### Water supply infrastructure:



Draw the map on the next page. If the one page is not enough to show enough detail, please use more pages.

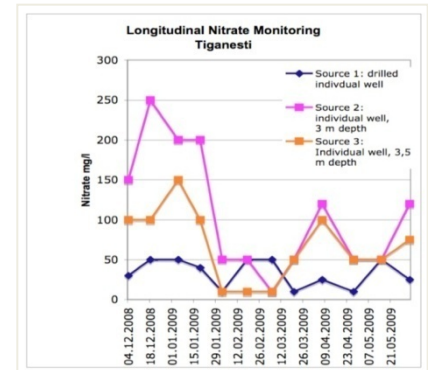
To complete WSP Task 2, also use Template 2-B. Compare the information you entered into Template 2-B with the information you entered into this template. This way you ensure you cover all main components of your water supply system in the description.

The following example illustrates the type of map required for completing Template 2-A. The example serves solely for illustration purposes.



# International support /3

WECF and network has been working since 2008 on WSP in rural areas involving schools (7 countries, 30 schools)



# WSP Compendium for rural settings

*Providing more structure – more background information*

## Developed under project in Bulgaria

### Structure of most modules:

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

*Available in English and  
Bulgarian language at*

[www.wecf.eu](http://www.wecf.eu)

*and on*

[www.wsportal.org](http://www.wsportal.org)

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Ecoworld 2007



**Thank you**



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# Small-scale water supplies and sanitation Programme of Work 2014-2016

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# Lessons learned for future work



- Many people in the European region depend on small systems
- Information on challenges (questionnaire)
- Water safety plans are also a good approach for small systems
- Guidance and tools (e.g. on policy, WSP)
- Rapid assessment projects are a good basis for further action



# Development of policy and guidance document

- Finalization of the policy guidance document in English and Russian (and national languages) until the meeting of the WGWH 2014
- Promotion of the policy guidance document and support of implementation through sub-regional capacity-building workshops:  
determine needs for concrete actions to improve the situation of SSWSS with national stakeholders

# Improvement of evidence base, field projects



- Rapid assessments of prevailing setting of small-scale water supply systems (including condition of systems, water quality, sanitary risks, incidence of diarrhoeal disease) at national level
- Water and sanitation safety plans: pilot projects for management of small scale water supply and sanitation systems, e.g. WSSP projects in Macedonia and Romania; developing WSSP Compendium further (e.g. link sanitation)
- Link to programme area 4 (safe and efficient management of water supply and sanitation systems)
- E.g. WOP together with UN-Habitat



# Information sharing and regional networking



- WHO-hosted Small Community Water Supply Management (SCWSM) network
  - Facilitate access
  - Host a meeting in the region in 2014
  - Together with WSP workshop
  - Generic materials on WSP in English and Russian
- Establish internet platform for sharing experience, tools available and case studies



**Thank you**

