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Meeting of the Parties to the Protocol on  
Water and Health to the Convention on  
the Protection and Use of Transboundary  
Watercourses and International Lakes

**Working Group on Water and Health****Sixth meeting**

Geneva, 3 and 4 July 2013

Item 11 of the provisional agenda

**Draft programme of work for 2014–2016, terms of reference  
for the bodies established to implement it and resources  
needed for its implementation**

**Draft programme of work for 2014–2016\*****Prepared by the Bureau***Summary*

The present document sets out a draft programme of work for 2014–2016 for the Protocol on Water and Health to the Convention on the Protection and Use of Transboundary Watercourses and International Lakes, summarizing the overarching objectives and the proposed activities for 2014–2016 and indicating bodies to support their implementation. It also provides estimates of needed human and financial resources for implementation.

The draft programme of work contained herein has been prepared by the Bureau of the Meeting of the Parties to the Protocol with the support of the secretariat, in accordance with the decision of the Working Group on Water and Health at its fifth meeting (ECE/MP.WH/WG.1/2012/2–EUDCE/1206123/3.1/2012/2, para.75) and the standing mandate of the Working Group to provide guidance on the implementation of the

\* The present document has been finalized after the official documentation deadline due to resource constraints.

programme of work and to advise the Meeting of the Parties in respect of the further development of the programme of work and its adaptation to changing circumstances (see ECE/MP.WH/2/Add.2–EUR/06/5069385/1/Add.2, terms of reference of the Working Group).

The preparation of the document benefited from the ideas, discussions and views expressed in the “Strategic workshop — Future work on water and health in the pan-European region: Building on results achieved and identifying priorities for the Protocol on Water and Health for 2014–2016” (Geneva, 13–14 March 2013), which gathered a representative group of Parties, partners, donors and other stakeholders. It also builds on the findings of a survey on priority needs of Parties, non-Parties and partners to the Protocol and on the discussions in previous meetings of the Working Group on Water and Health, the Bureau and other Protocol bodies (in particular the Task Force on Target Setting and Reporting). Furthermore, it takes into account the lessons learned in implementing the Protocol’s past programmes of work.

The Working Group on Water and Health is invited:

- (a) To examine the proposals contained in the document, to critically review and prioritize them, considering that the available resources might not allow for implementation of all the proposed activities and that unfunded activities will not be carried out;
- (b) To further elaborate those elements that should become part of the draft programme of work, including, wherever possible, information on the method of work and the time frame;
- (c) If needed, to draw up additional elements for the programme of work, following proposals by Parties and non-Parties, including, wherever possible, information on the method of work and the time frame;
- (d) To consider, on the basis of the agreed programme of work, the need to revise the terms of reference of the Working Group on Water and Health and other bodies in order to implement the programme of work;
- (e) To report on the willingness of Parties and non-Parties to lead, contribute, including financially, to or to participate in the implementation of the various elements of the programme of work;
- (f) To report on the willingness of other stakeholders (e.g., non-governmental and international organizations) to contribute, including financially, to or to participate in the implementation of the various elements of the programme of work;
- (g) To agree on future steps for finalizing the draft programme of work, and to entrust the Bureau, with the assistance of the secretariat, to submit it to the Meeting of the Parties at its third session (Oslo, 25–27 November 2013).

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## **I. Overarching objectives of the programme of work**

1. The draft programme of work for the Protocol on Water and Health for 2014–2016 aims to achieve the following main objectives, to:

(a) Support implementation of and compliance with the Protocol, by promoting human health and well-being and reducing water-related disease through sustainable management of water resources;

(b) Support non-Parties in acceding to the Protocol;

(c) Offer a hub for the exchange of knowledge and experience, the development of partnerships to promote human health and sustainable water management and assistance to implementation at the national level;

(d) Provide assistance to countries in the implementation of the Protocol, through the promotion and establishment of strong partnerships with relevant actors, reaching out to different stakeholders, including civil society organizations, the private sector, academia, international organizations and international financing institutions, such as the European Bank for Reconstruction and Development (EBRD);

(e) Ensure exchange and coordination with the work under the Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention) and other multilateral environmental agreements;

(f) Identify the interlinkages between the different areas of work, and promote synergies in its overall implementation, to ensure the most cost-effective use of available resources.

2. Building on the discussions on the strengthening of synergies between different areas of work under the Protocol held under the Bureau and the Working Group on Water and Health, the proposed draft programme of work seeks to further explore opportunities for such linkages inherent in the nature of the issues covered by the Protocol.

3. Particularly, to support setting and implementing targets and improve reporting under the Protocol, the Task Force on Target Setting and Reporting will work closely with relevant units of the World Health Organization (WHO) (e.g. to improve the reliability of reported data), while also integrating the activities on public participation under the Protocol in its work. Coordination will also be ensured with activities under areas of work on small-scale water supplies and sanitation, safe and efficient management of water supply and sanitation systems, and equitable access.

4. The work on the prevention and reduction of water-related diseases will seek synergies with the Task Force on Target Setting and Reporting and activities on small-scale water supplies and sanitation (e.g., by supporting pilot projects on school sanitation) and safe and efficient management of water supply and sanitation systems. An additional aspect in this regard is the promotion of targeted health interventions for specific water- and sanitation-related diseases.

5. The programme of work also seeks to take into account the main policy and scientific developments of global and regional relevancy in the water and health arena. While aiming to retain relevance for all countries in the pan-European region, it particularly focuses on persisting and emerging challenges faced by countries with respect to achieving and maintaining full access to safe drinking water, in the necessary quantity, as well as to basic sanitation and hygiene, and to addressing the gap in inequalities in access to water and sanitation, particularly in rural areas, as well as with regard to socioeconomically vulnerable groups of the population.

6. The programme of work is informed by and intends to contribute to the most relevant global and regional efforts to:

(a) Promote the fulfilment of the human right to safe drinking water and sanitation, as articulated in United Nations General Assembly resolution 64/292 of 3 August 2010 on the human right to water and sanitation;<sup>1</sup>

(b) Support the implementation of the conclusions of the United Nations Conference on Sustainable Development (Rio+20), *The Future We Want*,<sup>2</sup> which reiterates the importance of integrating water into sustainable development and underlines the critical importance of water and sanitation within the three dimensions of sustainable development;

(c) Implement World Health Assembly (WHA) resolution 64/24 of 24 May 2011 on drinking-water, sanitation and health,<sup>3</sup> which acknowledges the Protocol as an instrument of reference for safe water management and the protection of human health and urges member States to ensure the progressive realization of the human right to water and sanitation;

(d) Support the achievement the Millennium Development Goals, particularly with respect to the target of halving by 2015 the number of people without access to safe drinking water and basic sanitation, and assess progress through the efforts of the WHO/United Nations Children's Fund (UNICEF) Joint Monitoring Programme for Water Supply and Sanitation (JMP);

(e) Contribute to the discussions on post-2015 water-related sustainable development goals (SDGs) and prepare for their implementation in the pan-European region;

(f) Attain the European Regional Priority Goal on water and sanitation adopted by European member States through the Parma Declaration on Environment and Health, particularly with respect to its target "to provide each child with access to safe water and sanitation in homes, child care centres, kindergartens, schools [and] health care institutions ... by 2020";

(g) Contribute to the development of resilient communities, in line with the new public health policy, "Health 2020", of the WHO Regional Office for Europe (WHO/Europe), adopted by the WHO Regional Committee for Europe at its sixty-second session in 2012.

7. The fulfilment of the above objectives and the implementation of the activities in the programme of work are subject to the availability of resources to cover the costs of activities, including the human resources costs in the joint secretariat, as specified in the estimates below.

## II. Bodies to implement the programme of work

8. The Bureau of the Meeting of the Parties will oversee programme execution and carry out tasks to strengthen the Protocol's implementation, as set out in rule 20 of the rules of procedure (see ECE/MP.WH/2/Add.1–EUR/06/5069385/1/Add.1). The main responsibilities of the Bureau include the following: (a) making arrangements to further

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<sup>1</sup> Available from [http://www.un.org/ga/search/view\\_doc.asp?symbol=A/RES/64/292](http://www.un.org/ga/search/view_doc.asp?symbol=A/RES/64/292).

<sup>2</sup> General Assembly resolution 66/288, annex. Available from <http://sustainabledevelopment.un.org/futurewewant.html>.

<sup>3</sup> Available from [http://apps.who.int/gb/ebwha/pdf\\_files/WHA64/A64\\_R24-en.pdf](http://apps.who.int/gb/ebwha/pdf_files/WHA64/A64_R24-en.pdf).

develop the programme of work, adapt it to changing circumstances and avoid, to the extent possible, duplication of efforts with water- and health-related activities of other United Nations bodies and other international organizations; (b) taking initiatives to strengthen implementation of the Protocol; and (c) taking appropriate measures to facilitate the implementation of the programme of work.

9. The Working Group on Water and Health will be responsible for overseeing the overall implementation of the programme of work. It will review progress, propose modifications to the work programme to adapt to changing conditions and report to the Meeting of the Parties (see ECE/MP.WH/2/Add.2–EUR/06/5069385/1/Add.2, terms of reference of the Working Group).

10. The Task Force on Target Setting and Reporting will carry out the parts of the programme of work related to implementation of and compliance with Articles 6 and 7 of the Protocol.

11. The Compliance Committee will be responsible for the review of compliance by Parties with their obligations under the Protocol, in accordance with decision I/2 on review of compliance (ECE/MP.WH/2/Add.3–EUR/06/5069385/1/Add.3).

12. In accordance with article 16 of the Protocol, the Meeting of the Parties will establish close cooperation and develop joint activities together with the Meeting of the Parties to the Water Convention and relevant international governmental organizations and institutions, such as the WHO Collaborating Centres and non-governmental organizations (NGOs).

13. Parties welcome youth participation in the work of the Meeting of the Parties and the subsidiary Bodies of the Protocol, particularly the Working Group on Water and Health. To facilitate this participation, Parties will provide support for youth representatives to participate in these meetings:

14. The joint United Nations Economic Commission for Europe (ECE)-WHO/Europe secretariat will assist the above-mentioned bodies and support the implementation of the different activities, pending availability of resources and in accordance with an agreed distribution of responsibilities between the two organizations.

#### *Estimated costs*

Travel of eligible experts to meetings of the Working Group on Water and Health (three meetings, 18 experts per meeting): US\$ 108,000.

Travel of eligible Bureau members to meetings of the Bureau (three meetings, two members per meeting): US\$ 12,000.

*Staff time:*<sup>4</sup> 0.3 ECE P-3 staff time per year for three years, US\$ 166,300; 0.2 ECE G-4 staff time per year for three years, US\$ 85,700; 0.05 WHO/Europe P-6 staff time per year for three years, US\$ 42,750; 0.1 WHO/Europe P-5 staff time per year for three years, US\$ 83,400; 0.1 WHO/Europe P-4 staff time per year for three years, US\$ 63,000; and 0.2 WHO/Europe G-5 staff time per year for three years US\$ 52,200.

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<sup>4</sup> Figures given here (e.g., 0.3) represent the fraction of the total work time of a full-time staff member. ECE staff time is calculated at the P-3 level (Professional staff) at the average cost of US\$ 184,800 per person-year and at the G-4 level (General Service staff) at the average cost of US\$ 142,800 per person-year. WHO/Europe staff time is calculated at the average cost of US\$ 285,000 for P-6, US\$ 278,000 for P-5, US\$ 210,000 for P-4 and US\$ 87,000 for G-5 per person-year.

### **III. Areas of work and activities**

#### **A. Programme area 1 — Improving governance for water and health: support to setting targets and implementing measures**

*Responsible body:* Task Force on Target Setting and Reporting.

*Lead Party:* Switzerland, Romania (to be confirmed).

*Objectives and expected outcomes:* Reinforce the implementation of the core provisions of the Protocol on target setting and reporting by:

- (a) Providing support to efforts of Parties and non-Parties to set targets and target dates in accordance with article 6, and implement measures toward the achievement of targets;
- (b) Promoting the exchange of experience and networking on the regional level to address common challenges in implementing the Protocol, including on issues of public participation, and assessing the benefits of implementing the Protocol;
- (c) Ensuring coordination with activities under other areas of the programme of work to facilitate the translation of their findings and recommendations into possible targets and measures;
- (d) Providing assistance in improving the quality of reporting in accordance with article 7, and increasing the reliability of data by establishing links with relevant regional and global data collection and reporting mechanisms.

*Work to be carried out*

##### **1. Setting targets and implementing measures: capacity-building, exchange of experience and networking**

With regard to capacity-building, exchange of experience and networking in relation to setting targets and implementing measures:

- (a) The Task Force will support efforts of Parties and non-Parties to set targets and target dates in accordance with article 6 of the Protocol, and implement measures towards the achievement of such targets through the organization of tailor-made subregional workshops to promote the exchange of experience and the cross-fertilization of ideas;
- (b) The Task Force will serve as a hub for promoting good practices on setting targets and implementing measures, including through the facilitation of twinning of Parties and relevant authorities to match the specific national needs of a Party with available expertise in another Party. Moreover, the meetings of the Task Force will be also used to reflect on activities undertaken in other programme areas that could be translated into targets and measures;
- (c) The Task Force will promote the exchange of experience at the regional level in implementing measures to achieve targets focusing on common challenges identified at regional and subregional workshops held under the Protocol and based on the analysis of the second reporting exercise in accordance with article 7. This exchange of experience will include the work to support public participation in implementing the Protocol, in particular in setting and implementing targets and in reporting on the progress achieved, by promoting the implementation of the guidelines on public participation under the Protocol currently being drafted;

(d) In addition, exchange of experience and analysis of the benefits and concrete results achieved through the implementation of the Protocol will be bolstered, including also by investigating how the progress towards targets has contributed to the prevention, control and reduction of water-related disease;

(e) The Task Force will seek partnerships with existing and planned networks on drinking water and sanitation operating at the national and subregional levels in the pan-European region to promote the exchange of experience on implementing the Protocol.

## **2. Improving the quality of reporting**

To improve the quality of reporting:

(a) At the regional level, the Task Force will support improvement in the quality of reporting submitted in accordance with article 7 by establishing linkages with the WHO/UNICEF JMP, the UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS), and the post-2015 development agenda framework, including a potential SDG on water, and by ensuring cooperation with the Atlas of Water and Health of the WHO European Region;

(b) The Task Force will also promote improvement in the reliability of data reported under section II on common indicators of the template for national summary reports through training and capacity-building in cooperation with relevant units of WHO. This work may also include the investigation of a need for a potential review of the guidelines and template for summary reports in accordance with article 7 of the Protocol;

(c) The Task Force will also assist Parties and non-Parties to comply with the reporting obligations of article 7, and will guide the secretariat in the preparation of the regional implementation report based on the national summary reports submitted prior to the fourth session of the Meeting of the Parties.

*Main partners:*<sup>5</sup>The WHO Collaborating Centre for Water and Health; the WHO Collaborating Centre for Health Promoting Water Management and Risk Communication; the WHO/UNICEF JMP; the European Environment and Health Information System (EHIS); the Organization for Economic Cooperation and Development (OECD); Women in Europe for a Common Future (WECF) and other non-governmental organizations (NGOs); the Nordic/Baltic network on drinking water and sanitation; water operators; the European Federation of National Associations of Water and Wastewater Services (EUREAU); and others to be determined.

### *Estimated costs*

Travel of eligible experts to meetings of the Task Force (three meetings, 18 experts per meeting): US\$ 108,000.

Organization of general and thematic subregional workshops: three subregional workshops, including one for South-Eastern Europe. Contributions in cash and in kind by the host country and the other participating countries will be encouraged: US\$ 30,000 per workshop, US\$ 90,000 for the three workshops.

Regional workshops on issues of common concern for Parties and non-Parties, such as (a) promotion of the guidelines on public participation; (b) assessing the benefits of implementing the Protocol; and (c) reporting under the Protocol, will be organized, where possible back to back with the Task Force meetings or other meetings under the Protocol:

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<sup>5</sup> This list does not preclude other partners from joining.



US\$ 30,000 per workshop organized back to back with a Task Force meeting or other meeting, US\$ 90,000 for the three workshops.

Travel of national experts for targeted twinning activities (six trips): US\$ 12,000.

In cooperation with relevant units of WHO, provide training and capacity-building activities on increasing the reliability of data on reporting: (10 trips by national experts from selected countries): US\$ 20,000.

Other costs (consultants, including costs for the preparation of the regional implementation report, translation of summary reports, evaluation of benefits of implementing the Protocol, etc.): US\$ 60,000.

*Staff time:* 0.4 ECE P-3 staff time per year for three years, US\$ 221,700; 0.2 ECE G-4 staff time per year for three years, US\$ 85,700; 0.05 WHO/Europe P-4 staff time per year for three years, US\$ 31,500; and 0.05 WHO/Europe G-5 staff time per year for three years US\$ 13,050.

## **B. Programme area 2 — Prevention and reduction of water-related diseases**

*Responsible body:* activities will be carried out by ad hoc thematic groups.

*Lead Party:* to be determined.

The activities under this thematic area will be implemented in synergy with the Task Force on Target Setting and Reporting and with the work on small-scale water supplies and sanitation (programme area 3) and safe and efficient management of water supply and sanitation systems (programme area 4).

*Objectives and expected outcome:* Reinforce implementation of article 8 and other related articles of the Protocol, in particular by:

- (a) Providing support to strengthen water-related disease surveillance and capacity-building for outbreak detection and management;
- (b) Promoting targeted health interventions for specific water- and sanitation-related diseases, including rotavirus, soil transmitted helminth (STH) infections and hepatitis A;
- (c) Assisting Parties and non-Parties to implement cost-effective risk-based drinking water quality surveillance, including providing technical guidance and/or tools for identifying country-specific priority parameters for drinking-water quality monitoring;
- (d) Improving hygiene promotion and education on water, sanitation and hygiene and intensifying Water, Sanitation and Hygiene for All (WASH) campaigns in childcare settings (e.g., schools, kindergartens);
- (e) Supporting essential activities under the Protocol and the work on target setting, indicators and reporting by ensuring harmonized reporting of quality-controlled data providing solid information.

*Work to be carried out*

### **1. Strengthening water-related disease surveillance, outbreak detection and management**

To strengthen water-related disease surveillance, outbreak detection and management, actions will be undertaken to:

(a) Support Parties and non-Parties in implementing article 8 and other related articles of the Protocol, in particular in the implementation of the policy and technical guidance documents on water-related disease surveillance;

(b) Taking into account article 12 on joint and coordinated international action, and in support of the implementation of the International Health Regulations (IHR) (2005), assist in improving outbreak surveillance and emergency preparedness, as well as alert and response operations relevant to water-related diseases. This includes assistance in undertaking situation analysis of water-related diseases profiles (e.g., incident rates and outbreaks of emerging and re-emerging water-related diseases) and surveillance systems (e.g., regulatory and institutional systems, registration and reporting procedures) and analytical capacities in the ECE-WHO/Europe region, with the technical contribution by relevant WHO Collaborating Centres and other experts;

(c) Strengthen capacities to respond to emergencies through the establishment of a roster of experts in the fields of epidemiological surveillance of water-related diseases, laboratory testing of causative agents, outbreak investigation, contingency planning and response to water-borne disease outbreaks;

(d) Provide support to the development, translation and implementation of a generic training module on “Surveillance of water-related diseases, outbreak detection and management, in particular for emerging diseases” (e.g., legionellosis, cryptosporidiosis, and giardiasis) and regional or subregional trainings, in collaboration with the network of WHO Collaborating Centres in the field of water and sanitation;

(e) Update and maintain the Atlas on Water and Health with the direct assistance of the WHO Collaborating Centre for Health Promoting Water Management and Risk Communication. The Atlas is a data presentation tool based on a geographic information system. It aims at linking existing national, regional and global information platforms. This activity will be coordinated with the Task Force on Target Setting and Reporting, JMP, GLAAS, ENHIS and the Centralized Information System for Infectious Diseases (CISID) to ensure the presentation of quality-controlled data on drinking water quality and water-related diseases for the region.

## **2. Promoting targeted health interventions for water- and sanitation-related diseases**

In order to promote targeted health intervention for water- and sanitation-related diseases, work will be carried out to:

(a) Support advocacy and awareness-raising activities for stakeholders on rotavirus infections and cost-effective health interventions;

(b) Promote the use of rotavirus vaccines in national immunization programmes as a part of a comprehensive strategy to control diarrhoeal diseases; and in combination with prevention measures (including hand washing, improved water supply and sanitation);<sup>6</sup>

(c) Support country efforts to prevent and control intestinal helminth infections in conjunction with promoting access to safe water, sanitation and hygiene. This activity is closely linked with the provisions in article 6, paragraph (b), and article 8 of the Protocol and supported by the implementation of WHA resolution 54.19 on schistosomiasis and soil-transmitted helminth infections and WHA resolution 64.24 on drinking-water, sanitation and health, as well as the Parma commitments. The activity involves providing assistance in

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<sup>6</sup> See WHO, “Rotavirus vaccines: WHO position paper — January 2013”, *Weekly Epidemiological Record*, No. 5, pp. 49–64.

scaling up country assessments for identification of STH high-risk areas for targeted interventions and in the implementation of regional and national action plans/programmes for STH control and prevention.

The implementation of these activities will benefit from technical advice from different units/divisions of WHO/Europe and WHO Headquarters as well as specialized WHO Collaborating Centres.

### **3. Support cost-effective drinking-water quality surveillance**

Based on the concepts of the WHO Guidelines for Drinking-water Quality (GDWQ), assist Parties and non-Parties in the development of cost-effective and risk-based drinking-water quality surveillance approaches, including special consideration of such approaches for rural areas (refer to programme area 3). This includes defining criteria for identifying and prioritizing microbiological and chemical drinking-water quality parameters subject to routine monitoring and developing a respective decision-support tool as well as parameter-specific fact sheets for laboratory analysis of priority parameters. Promote the implementation of the WHO GDWQ effective drinking-water quality surveillance approaches through the organization of regional and subregional capacity-building.

### **4. Strengthen hygiene education and promote sanitation in schools**

To strengthen hygiene education and promotion sanitation in schools:

(a) Support will be provided in reviewing, adapting and disseminating available awareness-raising materials and implementing pilot projects on sanitation in schools jointly with the work under programme area 3 on small-scale water supplies and sanitation;

(a) The work under the Protocol will be mainstreamed, in particular in the implementation of the Parma Declaration on Environment and Health Regional Priority Goal 1 on access to safe water and sanitation, and provide assistance in applying school surveys through the ENHIS platform.

#### *Estimated costs*

Organization of regional capacity-building workshops, where possible back to back with the meeting of the Task Force on Target Setting and Reporting or other meetings under the Protocol:

(a) Water-related disease surveillance, emergency preparedness and outbreak investigation and response: US\$ 75,000;

(b) Risk-based drinking-water quality surveillance focusing on (i) implementation of the WHO GDWQ; (ii) criteria for setting core parameters and its application in risk based monitoring: US\$ 75,000.

Three thematic subregional workshops (for countries in Eastern Europe, the Caucasus and Central Asia, for South-Eastern Europe and the Baltic countries). Contributions in cash and in kind by the host country and the other participating countries will be encouraged: US\$ 30,000 per workshop, US\$ 90,000 for the three workshops.

A meeting of priority countries on rotavirus vaccination involving water experts, where possible in collaboration with the WHO/Europe technical unit on disease surveillance: US\$ 30,000.

Travel of national and international experts for targeted activities (10 trips): US\$ 20,000.

Develop and disseminate guidance documents, tools and advocacy materials, including (a) a training module on “Surveillance of water-related diseases, outbreak detection and

management, in particular for emerging diseases”; (b) criteria for setting core parameters for risk-based drinking-water quality monitoring; (c) a decision-support tool or fact sheet to support implementation of the WHO GDWQ; (d) adapting manuals for laboratory analysis of priority microbiological and chemical parameters in drinking-water; (e) advocacy material for direct health interventions (e.g., rotavirus vaccination); and (f) review and adapt hygiene promotion materials on WASH: US\$ 80,000.

Support for implementation of pilot projects on school sanitation in synergy with the programme area on small-scale water supplies and sanitation: the cost is included under programme area 3.

Other costs (consultants and other activities, including costs for: (a) a situation analysis and preparing a profile of water-related diseases in the region; (b) updating the Atlas; (c) country assessments on STH): US\$ 40,000.

*Staff time:* 0.1 WHO/Europe P-5 staff time per year for three years, US\$ 83,400; 0.3 WHO/Europe P-4 staff time per year for three years, US\$ 189,000; and 0.3 WHO/Europe G-5 staff time per year for three years, US\$ 78,300.

### **C. Programme area 3 — Small-scale water supplies and sanitation**

*Lead Party or organization:* co-led by Germany, the Czech Republic and WECF (to be confirmed).

*Objectives and expected outcomes:* Support to Parties and non-Parties to improve the situation of small-scale water supply and sanitation (SSWSS) systems. Activities under this thematic area will provide evidence-based policy guidance and information as a basis for developing effective, good practice-based approaches to regulation, safe management and surveillance of SSWSS. This will substantiate and foster consideration of SSWSS in the target-setting process. Field activities will contribute to improving the in-country evidence base of the situation of SSWSS and to scaling up water and sanitation safety approaches.

*Work to be carried out*

#### **1. Development of policy and guidance documents**

Activities to develop policy and guidance documents will include:

(a) Support for the finalization of the policy guidance document on SSWSS in English and Russian and its translation into other national languages. Development of this policy advice material for national decision makers, among others, encourages Parties to consider small-scale water supplies as an area of target setting according to the provisions of article 6 of the Protocol;

(b) Promotion of the policy guidance document and support for its implementation through the organization of a series of subregional capacity-building workshops; these will include targeted sessions with relevant national stakeholders to determine gaps and needs for concrete follow-up action towards improving the situation of SSWSS.

#### **2. Improving the evidence base and implementing field demonstration projects**

To improve the evidence base and implement field demonstration projects on SSWSS:

(a) As a basis for developing national improvement strategies on SSWSS, assist in the situation analysis through representative rapid assessments of prevailing conditions of small-scale water supply systems at the national level, including appraisals of the type

and conditions of systems, water quality, sanitary risks and the incidence of diarrhoeal disease;

(b) Support field projects on improved planning, operation and management of SSWSS systems, with a particular focus on capacity development and implementation of water and sanitation safety plans in rural areas (refer to programme area 4). Particularly, in collaboration with the United Nations Human Settlements Programme (UN-Habitat), demonstration projects on Water Operator Partnerships will be established, i.e., peer support arrangements between two or more water and sanitation operators. All projects are to be evaluated and documented in terms of cost/benefits, technical and economic feasibility and sustainability of existing systems, as well as added values and implementation obstacles.

### **3. Information sharing and regional networking**

To ensure information sharing and regional networking under this programme area, efforts will be undertaken to:

(a) Facilitate access and contributions of Parties and non-Parties to the WHO-hosted Small Community Water Supply Management (SCWSM) Network, aiming at strengthening collaboration and knowledge sharing among countries in Eastern Europe, the Caucasus and Central Asia and the Network members. Host a SCWSM meeting in one of the countries of the subregion;

(b) Assist in establishing of an Internet platform to promote the sharing of experience, tools available and case studies, building on the work of the WHO headquarters for the SCWSM Network.

*Potential partners:* UN-Habitat, the Global Water Partnership (GWP), EBRD, the European Union (EU), development cooperation agencies.

#### *Estimated costs*

Promotion of the policy guidance document in different events and three subregional capacity-building workshops (US\$ 50,000 per workshop): US\$ 150,000.

Field demonstration through pilot projects, one case study: US\$ 200,000 including demonstration costs.

One regional meeting of the SCWSM Network: US\$ 200,000, including activities in support of the Network.

*Staff time:* 0.15 WHO/Europe P-5 staff time per year for three years, US\$ 125,100; 0.1 WHO/Europe P-4 staff time per year for three years, US\$63,000; and 0.1 WHO/Europe G-5 staff time per year for three years, US\$ 26,100.

## **D. Programme Area 4 — Safe and efficient management of water supply and sanitation systems**

*Lead Party:* to be determined.

*Objectives and expected outcomes:* Support countries to ensure safe and efficient management of water supply and sanitation systems by strengthening capacities of water and sanitation system managers and promoting public-private sector cooperation. This area of work will contribute to drinking-water safety, to the reduction of environmental and health impacts, to the sustainable management of resources and, therefore, to a green economy and to a better management of risks, including through the reduction of the impact

of water-related natural disasters on human well-being. It will also promote the efficiency of water supply and sanitation systems, thereby further contributing to a green economy. Finally, it will enhance the safety of installations by increasing their resilience to extreme events and by a better management of related risks.

*Work to be carried out*

**1. Capacity-building on water and sanitation safety plans**

On the basis of the materials already developed by WHO, capacity-building workshops will be organized at the national and regional levels on water and sanitation safety plans. Capacity-building will specifically focus on the strengthening of national legislation on this issue, and on the development of water and sanitation safety plans; particular consideration is to be given to SSWSS (refer to programme area 3), hospitals and schools.

**2. Exchange of experience on safe and efficient management of water supplies and sanitation systems**

Effective cooperation between water operators and health and water policymakers is a precondition for the safe and efficient management of water supply and sanitation systems. A kick-off event on safe and efficient management of water supply and sanitation will be organized to bring together both private and public sector operators involved in water supply and sanitation systems management, as well as health and environmental experts and policymakers, in order to facilitate the exchange of experience and good practices from different countries on the performance, safety and effectiveness of water supply and sanitation systems. Special attention will be focused on the reduction of water losses, including low-cost technologies.

*Possible partners:* EU Directorate-General for the Environment, the International Water Association (IWA), EUREAU, UN-Habitat, public water operators.

*Estimated costs*

Three national capacity-building workshops on Water Safety Plans (local consultancy and travel of experts): US\$ 60,000.

One regional workshop on exchange of experience on Water Safety Plans (mostly travel of participants): US\$ 50,000.

One kick-off event on safe and efficient management (mostly travel of participants): US\$ 50,000.

Consultancy costs (background study and translation): US\$ 15,000.

*Staff time:* 0.1 ECE P-3 staff time per year for three years, US\$ 55,400; 0.1 ECE G-4 staff time per year for three years, US\$ 42,800; 0.05 WHO/Europe P-5 staff time per year for three years, US\$ 41,700; 0.05 WHO/Europe P-4 staff time per year for three years, US\$ 31,500; and 0.1 WHO/Europe G-5 staff time per year for three years, US\$ 26,100.

**E. Programme area 5 — Equitable access to water and sanitation: translating the human right to water and sanitation into practice**

*Lead Party:* France and another Party (to be confirmed).

*Objectives and expected outcomes:* Promote the implementation of the Protocol in relation to facilitating access to water and sanitation for poor, vulnerable and socially excluded people and contribute to the progressive implementation of the human right to water and

sanitation through: (a) raising awareness on the challenges faced in the pan-European region in achieving equitable access to water and sanitation and on the need to adopt equity-oriented governance frameworks; (b) supporting the development of national and subnational situational analyses; (c) supporting the development of action plans; and (d) supporting the exchange of experiences in developing situational analyses and action plans, and implementing specific measures to ensure equitable access to water and sanitation.

*Work to be carried out*

**1. Raising awareness**

Awareness will be raised on the challenges faced in the pan-European region in achieving equitable access to water and sanitation and on the need to adopt equity-oriented governance frameworks through the organization of national and subnational workshops (see programme area 5.2 below), the co-organization of dedicated sessions in international events (e.g., World Water Week, 2015 World Water Forum), and the organization of one regional workshop in early 2016 to evaluate work undertaken and analyse further challenges and needs.

**2. Assessing equity of access to water and sanitation**

The development of coordinated baseline analyses on equity of access to water and sanitation at the national and local levels, on the basis of the self-evaluation tool (scorecard on equitable access developed in 2012–2013), will be supported through twinning of countries/municipalities that have already carried out a self-assessment and countries/municipalities that want to carry out the self-assessment using the scorecard. The process and outputs of the self-assessment exercises will be used to promote political awareness on existing inequities and to clarify the specific responsibilities of the different authorities and other stakeholders in addressing them. Moreover, experience will be exchanged among all pilot project participants and other relevant partners through the organization of expert group meetings. In addition, findings of the equity assessment of access to water and sanitation by income groups carried out by WHO in the framework of JMP will be disseminated and discussed during the exercise and expert meetings.

**3. Developing action plans for equitable access**

Priority action plans at the national or local level to address inequities in access to water and sanitation will be developed. While action plans may take different forms according to the country context, they will be designed based on the outcomes of the baseline analyses (self-assessment) and also taking into account the findings of the JMP equity assessment by income groups. Such priority action plans will include resource mobilization strategies and will build on the clarification of the specific responsibilities of different authorities and other stakeholders. Upon request, specific workshops targeting different stakeholders (such as water operators, State agencies, local authorities and donors) will be organized to promote equitable access to water and sanitation and to discuss and agree with the stakeholders their specific responsibilities in progressing towards achieving equitable access to water and sanitation.

*Main partners:* Office of the United Nations High Commissioner for Human Rights and the Special Rapporteur on the human right to safe drinking water and sanitation, WHO headquarters (Water, Sanitation and Health unit), United Nations Development Programme (UNDP)-Global Water Solidarity (GWS), water operators, national NGOs working on the right to water and sanitation.

*Estimated costs*

Three self-assessment exercises (national and international consultancy, local costs, two trips of two national experts for twinning project): US\$ 120,000.

Two expert group meetings: US\$ 70,000.

Three definitions of action plans at local/national levels (local and international consultancy, practical arrangements, translation, specific workshop): US\$ 120,000.

One regional workshop: US\$ 50,000.

Consultancy costs, translation, interpretation, printing: US\$ 50,000.

*Staff time:* 0.4 ECE P-3 staff time per year for three years, US\$ 221,700; 0.1 ECE G-4 staff time per year for three years, US\$ 42,800; and 0.05 WHO/Europe P-4 staff time per year for three years, US\$ 31,500.

**F. Programme area 6 — Assistance to support implementation at the national level**

*Responsible body:* Bureau.

*Objectives and expected outcomes:* This programme area will focus on assisting Parties in setting targets and defining measures to achieve them through the improved formulation of projects in order to facilitate access to sources of finance. Countries that have not set targets will be supported in the process. Countries that have already set targets will be assisted in approaching financial institutions and donor agencies (in particular EBRD) in order to apply for funding that will facilitate the implementation of targets.

*Work to be carried out*

**1. Using existing national platforms to assess needs and formulate projects to implement targets**

The existing platforms of the National Policy Dialogues on Integrated Water Resources Management under the EU Water Initiative and other national intersectoral groups will be used for securing governmental commitment and ownership of projects for implementing the Protocol through a well-defined and targeted project description to be presented to international financial institutions, including EBRD, for financing.

In a similar manner, assistance will be provided in developing needs assessments in countries that have set targets in order to facilitate resource mobilization that avoids overlaps with other existing donor programmes in eligible countries.

**2. Support to setting targets and implementing them through country projects**

Upon demand and pending availability of resources, support will be provided to Parties or countries working towards accession to set targets and target dates and to implement them.

*Main partners:* EBRD and other global and regional financing institutions and relevant international organizations, National Policy Dialogues under the Water Convention, donor countries and agencies.

*Estimated costs*

Country missions of staff for needs assessment and presentation of projects: US\$ 10,000 per year for three years or US\$ 30,000.



Coordination with EBRD and other institutions, including any relevant travel: US\$ 5,000 per year for three years or US\$ 15,000.

Other costs (consultants, including costs to develop project proposal on setting targets and implementing them for consideration of donor countries and agencies): US\$ 60,000. (The actual budgets of any potential projects are not included in the estimated costs.)

*Staff time:* 0.1 ECE P-3 staff time per year for three years, US\$ 55,400; 0.1 ECE G-4 staff time per year for three years, US\$ 42,800; 0.05 WHO/Europe P-5 staff time per year for three years, US\$ 41,700; 0.1 WHO/Europe P-4 staff time per year for three years, US\$ 63,000; and 0.1 WHO/Europe G-5 staff time per year for three years, US\$ 26,100.

## **G. Programme area 7 — Compliance procedure**

*Responsible body:* Compliance Committee.

*Objective, expected outcome and work to be undertaken:* The Compliance Committee will perform its activities as described in Meeting of the Parties decision I/2 on compliance (ECE/MP.WH/2/Add.3–EUR/06/5069385/1/Add.3), and will monitor and facilitate implementation of and compliance with the Protocol. This will include provision of assistance to Parties under the Consultation Process in accordance with its terms of reference adopted at the sixth meeting of the Committee.

*Estimated costs*

Organization of eight meetings (travel of committee members, translation, other costs): US\$ 190,000.

Support for two consultation processes (travel of the committee members and country representatives, translation, interpretation): US\$ 100,000.

*Staff time:* 0.2 ECE P-3 staff per year for three years, US\$ 110,900; and 0.1 ECE G-4 staff per year for three years, US\$ 42,800.

## Overview of resource requirements for 2014–2016

(in United States dollars)

<i>No.</i>	<i>Programme area or activity</i>	<i>Lead country, body or organization</i>	<i>Item</i>	<i>Estimated costs</i>
	Implementing bodies of the Protocol on Water and Health	Working Group on Water and Health	Travel of eligible experts to meetings of the Working Group on Water and Health (three meetings, 18 experts per meeting)	108 000
		Bureau	Travel of eligible Bureau members to meetings of the Bureau (three meetings, two members per meeting)	12 000
			0.3 ECE P-3 staff time per year for three years	166 300
			0.2 ECE G-4 staff time per year for three years	85 700
			0.05 WHO/Europe P-6 staff time per year for three years	42 750
			0.1 WHO/Europe P-5 staff time per year for three years	83 400
			0.1 WHO/Europe P-4 staff time per year for three years	63 000
			0.2 WHO/Europe G-5 staff time per year for three years	52 200
<b>Subtotal, Implementing bodies of the Protocol on Water and Health</b>				<b>613 350</b>
1	Improving governance for water and health: support to setting targets and implementing measures	Task Force on Target Setting and Reporting led by Switzerland, Romania (to be confirmed)	Travel of eligible experts to meetings of the Task Force (three meetings, 18 experts per meeting)	108 000
			Organization of general and thematic subregional workshops: three subregional workshops, including one for South-Eastern Europe. Contributions in cash and in kind by the host country and the other participating countries will be encouraged (US\$ 30,000 per workshop)	90 000
			Three regional workshops on issues of common concern for Parties and non-Parties, such as (a) promotion of the guidelines on public participation; (b) assessing the benefits of implementing the Protocol; and (c) reporting under the Protocol (US\$ 30,000 per workshop organized back to back with a Task Force meeting or other meeting)	90 000
			Travel of national experts for targeted twinning activities (six trips)	12 000
			Training and capacity-building activities on increasing the reliability of data on reporting (10 trips by national experts from selected countries)	20 000

<i>No.</i>	<i>Programme area or activity</i>	<i>Lead country, body or organization</i>	<i>Item</i>	<i>Estimated costs</i>
			Other costs (consultants, including costs for the preparation of the regional implementation report, translation of summary reports, evaluation of benefits of implementing the Protocol, etc.)	60 000
			0.4 ECE P-3 staff time per year for three years	221 700
			0.2 ECE G-4 staff time per year for three years	85 700
			0.05 WHO/Europe P-4 staff time per year for three years	31 500
			0.05 WHO/Europe G-5 staff time per year for three years	13 050
<b>Subtotal, Programme area 1</b>				<b>731 950</b>
2	Prevention and reduction of water-related diseases	Ad hoc thematic groups	Organization of a regional capacity-building workshop on water-related disease surveillance, emergency preparedness and outbreak investigation and response	75 000
			Organization of a regional capacity-building workshop on risk-based drinking-water quality surveillance focusing on: (a) implementation of the WHO GDWQ; and (b) criteria for setting core parameters and their application in risk-based monitoring	75 000
			Three thematic subregional workshops (for countries in Eastern Europe, the Caucasus and Central Asia, for South-Eastern Europe and the Baltic countries) (US\$ 30,000 per workshop)	90 000
			Meeting of priority countries on rotavirus vaccination involving water experts, where possible in collaboration with the WHO/Europe technical unit of disease surveillance	30 000
			Travel of national and international experts for targeted activities (10 trips)	20 000
			Develop and disseminate guidance documents, tools and advocacy materials, including: (a) a training module on "Surveillance of water-related diseases, outbreak detection and management, in particular for emerging diseases"; (b) criteria for setting core parameters for risk-based drinking-water quality monitoring; (c) a decision-support tool or fact sheet to support implementation of the WHO GDWQ; (d) adapting manuals for laboratory analysis of priority microbiological and chemical parameters in drinking water; (e) advocacy material for direct health interventions (e.g., rotavirus vaccination); and (f) review and adapt hygiene promotion materials on WASH	80 000
			Other costs (consultants and other activities, including costs for: (a) a situation analysis and preparing a profile of water-related diseases in the region; (b) updating the Atlas; (c) country assessments on STH)	40 000

<i>No.</i>	<i>Programme area or activity</i>	<i>Lead country, body or organization</i>	<i>Item</i>	<i>Estimated costs</i>
			0.1 WHO/Europe P-5 staff time per year for three years	83 400
			0.3 WHO/Europe P-4 staff time per year for three years	189 000
			0.3 WHO/Europe G-5 staff time per year for three years	78 300
<b>Subtotal, Programme area 2</b>				<b>760 700</b>
3	Small-scale water supplies and sanitation	Co-led by Germany, the Czech Republic and WECF (to be confirmed)	Promotion of the policy guidance document in different events and three subregional capacity-building workshops (US\$ 50,000 per workshop)	150 000
			Field demonstration through pilot projects, one case study including demonstration costs	200 000
			One regional meeting of the SCWSM Network: US\$ 200,000, including activities in support of the Network	200 000
			0.15 WHO/Europe P-5 staff time per year for three years	125 100
			0.1 WHO/Europe P-4 staff time per year for three years	63 000
			0.1 WHO/Europe G-5 staff time per year for three years	26 100
<b>Subtotal, Programme area 3</b>				<b>764 200</b>
4	Safe and efficient management of water supply and sanitation systems	To be determined	Three national capacity-building workshops on Water Safety Plans (local consultancy and travel of experts)	60 000
			One regional workshop on exchange of experience on Water Safety Plans (mostly travel of participants)	50 000
			One kick-off event on safe and efficient management (mostly travel of participants)	50 000
			Consultancy costs (background study and translation)	15 000
			0.1 ECE P-3 staff time per year for three years	55 400
			0.1 ECE G-4 staff time per year for three years	42 800
			0.05 WHO/Europe P-5 staff time per year for three years	41 700
			0.05 WHO/Europe P-4 staff time per year for three years	31 500
			0.1 WHO/Europe G-5 staff time per year for three years	26 100
<b>Subtotal, Programme area 4</b>				<b>372 500</b>

No.	Programme area or activity	Lead country, body or organization	Item	Estimated costs
5	Equitable access to water and sanitation; translating the human right to water and sanitation into practice	France and another Party (to be confirmed)	Three self-assessment exercises (national and international consultancy, local costs, two trips by two national experts for twinning project)	120 000
			Two expert group meetings	70 000
			Three definitions of action plans at local/national levels (local and international consultancy, practical arrangements, translation, specific workshop)	120 000
			One regional workshop	50 000
			Consultancy costs, translation, interpretation, printing	50 000
			0.4 ECE P-3 staff time per year for 3 years	221 700
			0.1 ECE G-4 staff time per year for 3 years	42 800
			0.05 WHO/Europe P-4 staff time per year for three years	31 500
Subtotal, Programme area 5				706 000
6	Assistance to support implementation at the national level	Bureau	Country missions of staff for needs assessment and presentation of projects (US\$ 10,000 per year for three years)	30 000
			Coordination with EBRD and other institutions, including any relevant travel (US\$ 5,000 per year for three years)	15 000
			Other costs (consultants, including costs to develop project proposal on setting targets and implementing them for consideration of donor countries and agencies)	60 000
			0.1 ECE P-3 staff time per year for three years	55 400
			0.1 ECE G-4 staff time per year for three years	42 800
			0.05 WHO/Europe P-5 staff time per year for three years	41 700
			0.1 WHO/Europe P-4 staff time per year for three years	63 000
			0.1 WHO/Europe G-5 staff time per year for three years	26 100
Subtotal, Programme area 6				278 600
7	Compliance procedure	Compliance Committee	Organization of eight meetings (travel of committee members, translation, other costs)	190 000
			Support to two consultation processes (travel of committee members and country representatives, translation, interpretation)	100 000

<i>No.</i>	<i>Programme area or activity</i>	<i>Lead country, body or organization</i>	<i>Item</i>	<i>Estimated costs</i>
			0.2 ECE P-3 staff per year for three years	110 900
			0.1 ECE G-4 staff per year for three years	42 800
	<b>Subtotal, Programme area 7</b>			<b>443 700</b>
	<b>Total for all programme areas</b>			<b>4 671 000</b>
	Programme support costs (13%)			607 230
	<b>Grand total</b>			<b>5 278 230</b>
	Of which, staff costs:			
	<b>Subtotal, ECE staff (1.5 P-3 and 0.8 G-4 per year for 3 years)</b>			<b>1 264 018</b>
	<b>Subtotal, WHO/Europe staff (0.05 P-6, 0.45 P-5, 0.75 P-4 and 0.85 G-5 per year for 3 years)</b>			<b>1 257 012</b>