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Economic Commission for Europe



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SETTING TARGET AND TARGET DATES TO ACHIEVE THE PURPOSES OF THE PROTOCOL ON WATER AND HEALTH

- TERMS OF REFERENCES OF THE SDC-UNECE AGREEMENT OF 31 JULY 2009 –

I. OBJECTIVES

The *overall objective* is to assist Moldova in the implementation of the Protocol on Water and Health to the 1992 UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention), thereby rendering assistance “to promote at all appropriate levels, nationally as well as in transboundary and international contexts, the protection of human health and well-being, both individual and collective, within a framework of sustainable development, through improving water management, including the protection of water ecosystems, and through preventing, controlling and reducing water-related disease” (article 1 of the Protocol).

In order to achieve the overall objective of the Protocol, the Parties shall pursue the aims of: (a) access to drinking water for everyone; and (b) provision of sanitation for everyone within a framework of integrated water-management systems aimed at sustainable use of water resources, ambient water quality which does not endanger human health, and protection of water ecosystems.

The *specific objectives of the action* are to provide assistance to Moldova to establish and publish national and/or local targets for the standards and levels of performance that need to be achieved or maintained for a high level of protection of human health and well-being and for sustainable management of water resources. Article 6 of the Protocol, paragraphs 2 (a) to (n), identifies the general areas, within which the targets should be set (see Table 2). Furthermore, according to article 7, Moldova shall collect and evaluate data on the progress towards the achievement of the targets and on indicators designed to show how far that progress has contributed towards preventing, controlling or reducing water-related disease.

II. BACKGROUND

The Republic of Moldova signed the Protocol on Water and Health on 10 March 2000. Based on Moldovan Law # 207 of 29 July 2005, the instrument of ratification was deposited on 16 September 2005 with the United Nations. Moldova became a Party to the Protocol on 15 December 2005.

According to the Protocol, each Party shall establish and publish targets and target dates referred to in paragraph 2 of article 6 within 2 years of becoming a Party.

For Moldova, this work should have been accomplished by December 2007.

As of March 2009, Moldova has not yet established such targets and target dates as it faces difficulties in developing and implementing appropriate measures to achieve the purposes of the Protocol. However, over the last five years a number of strategies, plans, management instruments and pieces of legislation have been drawn up, which would form an essential basis for carrying out a baseline analysis, identifying and prioritizing problems, and establishing targets and targets dates.

Integrated water resources management

Appropriate tools for integrated water resources management, which partly meet the requirements of the Protocol, have recently been approved or are under development and include the following:

- Water-related policies, strategies, plans and legislation;
- Institutional frameworks conducive for the implementation of the policies, strategies and legislation;
- Management instruments required by the institutional framework to carry out the institutions' tasks; and
- Capacity-building, awareness-raising, and stakeholder information and consultations.

A striking example of international support for developing tools under these four pillars is the ongoing National Policy Dialogue on integrated water resources management under the EU Water Initiative, with UNECE as key strategic partner and financed by the European Commission. It has led to a number of so-called policy packages, including the Governmental Order¹ of 10 October 2008 regarding wastewater treatment from municipal sources and a draft Order of the Government on river basin councils (see below), developed under the auspices of a Steering Committee, which is chaired by the Minister of Environment and the Director General of the Agency Apel Moldovei.²

Another example of on-going work is the drafting of a new water law, expected to be adopted in the course of 2009, as the existing legislation³ dates back to 1993 and is outdated.

River basin organizations have been recently set up (one for domestic waters draining into the Danube; one for domestic waters draining into the Dniester and other domestic waters flowing into Ukraine); however river basin councils have still to be set up.

Management instruments will be improved, as rules for the protection of surface waters and rules for the delineation of water bodies according to the Water Framework Directive are expected to be submitted to Government in the course of 2009. Moreover, a new system for water-quality classification has been jointly developed by Moldovan water management and health authorities under an EU/TACIS⁴ project, which is expected to be adopted by Government in the course of 2009.

¹ Governmental Order on wastewater treatment from municipal sources (Постановление Nr. 1141 от 10.10.2008 об утверждении Положения об условиях сброса городских сточных вод в естественные водоемы)

² The existing Steering Committee, whose chairmanship should be extended to include a high-level representative of the Ministry of Health should form the “core” of the Steering committee for the target setting project, as suggested below

³ Vodnyi kodeks Respubliki Moldova, signed by the President of the Republic of Moldova on 22 June 1993

⁴ EU7TACIS project on water governance in the Western EECCA region

Other pieces of policies, strategies and plans are under re-examination and include the National Action Plan⁵ on Hygiene of the Environment, adopted by Government in 2001. Note should also be taken of the fact that existing Governmental Orders and/or Degrees may also undergo re-examination as to their economic and financial feasibility. These may include Orders or Degrees:

- On the strategy for water supply of, and provision of sanitation for, human settlements⁶
- On sanitary norms regarding the quality of drinking water⁷
- On the Millennium Development Goals in the Republic of Moldova⁸
- On the programme of water supply of, and provision of sanitation for, human settlements until 2015⁹

Water-related disease outbreaks

Water-related disease outbreaks were reported at least over the last 15 years: contaminated drinking water was reported to be responsible for up to 20% of infectious intestinal diseases and infectious Hepatitis A cases; up to 45% of the population was exposed to health risks due to consumption of water contaminated with nitrates, fluorine and boron at levels higher than normative standards; part of the population is exposed to microbial pollution.

Concerted and joint action required under the Protocol by those responsible for water management and those responsible for human health were recently initiated, but they are still geographically limited. One example is the development and implementation of water safety plans for drinking water supply and sanitation systems. This has been initiated under the leadership of the Ministry of Health (and supported by the World Health Organization) at three locations in Moldova.

Monitoring and assessment

Key issues under article 6 are linked to reliable information on the quality and quantity of water resources, and the performance of collective systems for water supply and sanitation. Given the piecemeal and/or uncoordinated approach to monitoring in Moldova, monitoring and assessment is one of weakest points in the target setting exercise. Most likely, a number of measures would need to be agreed upon – including in a transboundary context¹⁰ – to bridge the information gap related to the status of water bodies and the performance of water supply and sanitation systems in order to set realistic targets.

Ultimately, by presenting environment and health information in a more integrated manner, the process of target setting will allow a better understanding of the water and health nexus, the cause-consequence

⁵ Национальный план действий по гигиене окружающей среды, утвержденный Постановлением Правительства № 487 от 2001 года

⁶ Постановление Правительства № 662 от 13.06.2007 года об утверждении Стратегии водоснабжения и канализации населенных пунктов Республики Молдова

⁷ Постановление Правительства № 934 от 15.08.2007 года об утверждении Санитарных норм по качеству питьевой воды

⁸ Постановление Правительства № 288 от 15.03.2005 года об установлении целей тысячелетия в Республике Молдова

⁹ Постановление Правительства № 1406 от 30.12.2005 года об утверждении Программы водоснабжения и канализации населенных пунктов Республики Молдова до 2015 года

¹⁰ Use will be made of activities under the UNECE/OSCE project on the Dniester river, phase III, financed inter alia by Finland

chain and thus contribute to reversing the present situation where inadequate policies, planning or management practices still have conflicting objectives and approaches.

Activities under the auspices of the Meeting of the Parties to the Protocol

In meetings under the auspices of the Meeting of the Parties to the Protocol, the Government of Moldova has recognised that access to water and sanitation is a priority. As a lack of financial resources at the central and local levels make project implementation difficult, the Minister of Environment and the Deputy Minister of Health have jointly submitted a project proposal on setting targets and target dates under the Protocol to the Ad Hoc Project Facilitation Mechanism (AHPFM), established under article 14 of the Protocol.

Before submission to the AHPFM, the project proposal was examined and approved by the Steering Committee for the National Policy Dialogue in Moldova. At its first meeting on 25 June 2008, the AHPFM supported this project proposal, and the Government of Switzerland kindly agreed to provide financial resources for implementation of this project.

Although the project activities were based on the then available preliminary draft of the Guidelines¹¹ on targets and target dates, the original project proposal had a number of deficiencies, most important the following:

- The project responsibility was exclusively with the Institute of Preventive Medicine of the Ministry of Health;
- The framework for public participation was weakly described and included only the provision of information to the public;
- The project exclusively relied on resources to be provided by the international community and did not contain commitments by the Moldovan Government to provide human resources and co-financing (except a pledge to seek co-financing of around 4,000 USD from the National Environmental Fund).

At the request of the Swiss Government, the project proposal was revised by UNECE on the basis of the consultation held by UNECE with representatives of the Swiss Agency for Development and Cooperation (SDC) on 24 February 2009 as well as meetings of UNECE with representatives of the Moldovan Ministry of Environment and Natural Resources (MENR), the Ministry of Health (MoH) and the Agency Apele Moldovei on 11 and 12 March 2009. Separate consultations were held by UNECE with representatives of NGOs, both national and international, particularly as to the framework for public participation.

The present project document and terms of reference are a result of these consultations and meetings.

¹¹ See chapter III

III. DESCRIPTION OF ACTIVITIES

A. Project activities

The work to be carried out in Moldova is based on a draft methodology that is being developed by the Task Force on Indicators and Reporting (a subsidiary body under the Meeting of the Parties to the Protocol on Water and Health), with Switzerland as lead country.

This draft methodology, which will culminate in Guidelines to the Parties, illustrate steps which need to be taken and aspects which should be considered when setting targets, implementing relevant measures and reporting on the progress achieved towards protecting human health and well-being and towards sustainable management of water resources, in accordance with Articles 6 and 7 of the Protocol.

However, the Guidelines' framework needs to be adjusted to the specific circumstances of the national and/or local context in Moldova. The generic steps, which form the framework for setting targets and implementing relevant measures, are illustrated in figure 1 below.

The table 1 shows the key activities under the project from July 2009 to June 2010; and the figures 2 to 5 show how the various stakeholders interact in the target setting activities.

The key responsibilities of the Ministry of Health (MoH), the Ministry of Environment and Natural Resources (MENR), the Agency Apele Moldovei (AAM) and other entities for developing target and targets dates were preliminarily agreed upon on 12 March 2009¹² and are given in table 2.

Public participation, including the involvement of local, national and international NGOs in the process of target setting is crucial as the Protocol in its article 6, paragraph 2, stipulates that the Parties "shall make appropriate practical and/or other provisions for public participation, within a transparent and fair framework, and shall ensure that due account is taken of the outcome of the public participation."

The preparation and implementation of such "appropriate practical and/or other provisions for public participation" is part of the proposed project. This includes the project activity "Establishing and implementing a transparent and fair framework for public participation", covering the entire lifetime of the project.

¹² This list will be carefully examined at the first Steering Committee meeting in order to make a final decision on these institutions' responsibilities.

Figure 1: Framework for setting targets and target dates

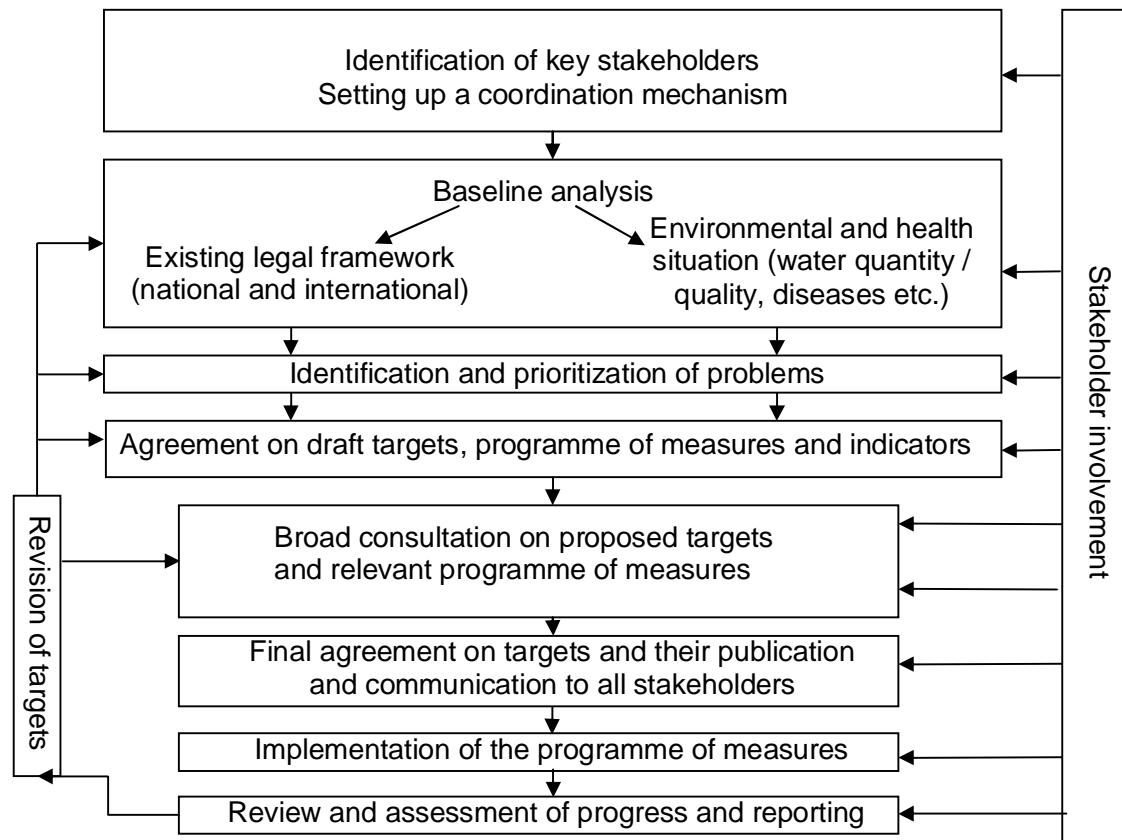


Table 1: Key activities under the project													
Activity/Month	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Implementing body
Meetings													
Steering Committee			x					x				x	UNECE, MENR, MoH, AAM in cooperation with SDC ¹³
Expert group (national participants, foreign experts, national consultants and staff of UNECE)	x	x			x		x		x	x			UNECE
Meetings of NGOs involved in the process of setting targets	x						x			x			Competent NGO(s) responsible for organizing the NGOs input to the setting of targets
Framework for project implementation													
Setting up Steering Committee (based on the existing Steering Committee for the national policy dialogue process under the EU Water Initiative)	x												UNECE, MENR, MoH, AAM
Establishing and implementing a transparent and fair framework for public participation	x	x	x	x	x	x	x	x	x	x	x	x	UNECE, MENR, MoH, AAM in cooperation with competent NGOs
Contractual arrangements (consultants, meeting logistics)	x	x	x	x	x								UNECE

¹³ MENR: Ministry of Environment and Natural Resources; MoH: Ministry of Health; AAM: Agency Apel Moldovei; SDC: Swiss Agency for Development and Cooperation

Table 1: Key activities under the project													
Activity/Month	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Implementing body
Target setting activities													
Presentation of the Protocol to the key players in Moldova			x										UNECE, MENR, MoH, AAMP
Baseline analysis (existing legal, institutional, managerial, financial basis; existing framework for public participation)	x	x	x	x	x	x							UNECE and national consultants
Exploration of strategies and visions of key-players	x	x	x	x	x	x	x						UNECE and national consultants
Gap analysis and prioritization of activities		x	x	x	x	x	x						UNECE and national consultants
Agreement on a draft programme of measures supported by the main stakeholders						x	x						UNECE, MENR, MoH, AAM
Consultations with stakeholders on the programme of measures (governmental entities, private sector, water users, general public)							x	x	x	x	x	x	UNECE, MENR, MoH, AAM
Development of relevant legal and administrative tools for implementation (e.g. draft governmental Order on targets and target dates and on reporting)							x	x	x	x	x	x	UNECE, MENR, MoH, AAM
Draft target and target dates					x	x	x	x	x	x	x		UNECE and national consultants
Agreement on draft target and target dates												x	Steering Committee

Table 1: Key activities under the project													
Activity/Month	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Implementing body
Publications, PR work and reporting													
Interim substantive report to SDC	At the end of the 6 th months after project start											UNECE	
Final substantive and financial report to SDC	According to the forthcoming agreement between SCD and UNECE											UNECE	
Publications and public relations work	Publication: At least three month after project end PR work, such as press conferences: continued, particularly during Steering Committee meetings											UNECE in cooperation with MENR, MoH, AAM, Eco-TIRAS and others, if need be	
Final national meeting of all relevant stakeholders	After approval of the Order by the Moldovan Government											Organization by MENR, MoH, AAM and financed –as proposed in this project document – through the Environmental Fund	

Table 2: Key responsibilities for setting target and target dates ¹⁴		
Reference to article 6 (2)	Description	Main responsible authority (in order of priority)
(a)	Quality of the drinking water supplied	MoH, Agency Apel Moldovei Note: Data are normally collected by MoH and municipal APA CANALS (in urban settlements); in villages, MoH is collecting information and local mayors may just confirm the results
(b)	Reduction of the scale of outbreaks and incidents of water-related disease	MoH
(c)	Area of territory, or the population sizes or proportions, which should be served by collective systems for the supply of drinking water or where the supply of drinking water by other means should be improved	Agency Apel Moldovei, MoH, Ministry of Local Public Administration, Ministry of Agriculture
(d)	Area of territory, or the population sizes or proportions, which should be served by collective systems of sanitation or where sanitation by other means should be improved	Agency Apel Moldovei, MoH , Ministry of Local Public Administration, Ministry of Agriculture
(e)	Levels of performance to be achieved by such collective systems and by such other means of water supply and sanitation respectively	Agency Apel Moldovei, MoH, Ministry of Local Public Administration, Ministry of Agriculture Note: Usually, the performance of water and sanitation systems is not monitored, and only some Apa Canals (technical or service performance) and the MoH (water-quality performance) may have data on performance monitoring.
(f)	Application of recognized good practice to the management of water supply	MENR, Agency Apel Moldovei, MoH Note: Usually, this is under responsibility of the municipal Apa Canals.

¹⁴ This list will be carefully examined at the first Steering Committee meeting in order to make a final decision on these institutions' responsibilities.

Table 2: Key responsibilities for setting target and target dates¹⁴		
Reference to article 6 (2)	Description	Main responsible authority (in order of priority)
	Application of recognized good practice to the management of sanitation	MENR, Agency Apelă Moldovei, MoH Note: see above
	The protection of waters used as sources for drinking water	MoH Note: MENR may contribute as it is generally responsible for the protection of the environment
(g)	Occurrence of discharges of untreated waste water	MENR, Agency Apelă Moldovei
	Occurrence of discharges of untreated storm water overflows from waste-water collection systems	MENR, Agency Apelă Moldovei Note: Storm water overflows are not treated in Moldova; and storm water is just flowing into surface waters
(h)	Quality of discharges of waste water from waste-water treatment installations	MENR, Agency Apelă Moldovei
(i)	Disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations	MoH, MENR
	Quality of waste water used for irrigation purposes	MoH, MENR
(j)	Quality of waters which are used as sources for drinking water	MoH, Agency Apelă Moldovei, MENR
	Quality of waters which are generally used for bathing	MoH
	Quality of waters which are used for aquaculture or for the production or harvesting of shellfish	MoH, Agency Apelă Moldovei, MENR
(k)	Application of recognized good practice to the management of enclosed waters generally available for bathing	MoH
(l)	Identification and remediation of particularly contaminated sites	MENR, MoH
(m)	Effectiveness of systems for the management, development, protection and use of water resources	MENR, Agency Apelă Moldovei
(n)	Frequency of the publication of information	Steering Committee

C. Project outputs

There are three main project outputs as follows:

- Draft Governmental Order on the implementation of the Protocol on Water and Health, consisting of two main parts: (a) target and target dates under article 6; and (b) responsibility of Moldovan entities on reporting under article 7 on compliance with these targets and target dates, including measures that need to be implemented to achieve the targets;
- Technical reports related to the baseline analysis (e.g. legal, institutional and managerial framework; analysis of environmental and health situation) and other substantive activities related to the targets to be established;
- A publication (English and Russian) and at least one leaflet on the project activities for wide distribution.

After approval by the Steering Committee of the targets and target dates under article 6 as well as the reporting scheme under article 7, the Ministry of Ecology, the Ministry of Health and Apele Moldova will jointly submit the draft Governmental Order for Governmental approval according to existing Moldavian rules and procedures.

It is proposed that the Moldovan Government organizes – and finances from the Environmental Fund – a national meeting of all relevant stakeholders (see last row in table 1) after the adoption of this Order by the Moldovan Government.

D. Governance structure

Problems related to management of water resources, water supply, sanitation and health are scattered across different policy sectors in Moldova and call for close cooperation among various authorities at the policy as well as the management levels. Setting national targets under the Protocol creates a platform for discussion and promotes coherence, harmonization and integration between different sectors, bringing together different stakeholders (such as governmental and non-governmental organizations, scientific community, private sector and general public). The process of target setting also provides a vertical communication channel between different levels of administrations (from local to national) and helps to translate national targets into the local context.

Representatives of the Trans-Dniester region will be involved in project implementation; however, the modalities for participation have still to be worked out.¹⁵

The following figures 2 to 5 provide insight into the management structure. Note should be taken of the following aspects:

Implementing agency and relationship with SDC and the key governmental entities

The UNECE secretariat will act as implementing agency and support the entire process of target setting. It will closely work with SDC/Bern and Chisinau as set out in the Agreement between SDC and

¹⁵ Under the National Policy Dialogue, they participated as NGOs to avoid conflict with other Steering Committee members.

UNECE. It will also closely work and consult with the Minister of Environment, the Minister of Health and the Director General of Apele Moldovei.

UNECE will invite SDC to participate in these consultations. UNECE will also invite SDC to participate in any evaluation missions to be conducted during or at the time of completion of the project.

Responsibility of the Moldovan Government

The Protocol has been ratified by Moldova, which is completely bound by its provisions, including those in articles 6 and 7.

It is therefore expected that the Moldovan Government makes all appropriate arrangement to implement the provisions under the Protocol, including the allocation of sufficient staff time and financial means as follows:

- Staff time of ministerial staff and other key institutions, including staff time to assist in the preparation of draft Governmental Orders;
- Expenditures related to data collection, field surveys and monitoring and data evaluation;
- Travel costs of representatives of governmental bodies to Steering Committee and other meetings;
- Expenditures for such hardware as computers that may be needed for governmental staff;
- Expenditures for communication; and
- Expenditures for office rent, insurance, security and other related purposes.

Steering Committee

A high-level Steering Committee with multi-stakeholder representation will supervise the target-setting project. This Steering Committee will essentially be composed of those organizations that already made up the Steering Committee for the National Policy Dialogue, and will additionally include representatives of the Swiss Agency for Development and Cooperation (see below).

On a rotational basis, the Minister of Environment, the Director General of the Agency Apele Moldova, and the Minister of Health, should chair meetings of the Steering Committee.

The Steering Committee should include representatives of:

- Ministry of Ecology and Natural Resources (MENR), including the State Agency for Geology, the State Hydrometeorological Service and the State Ecological Inspection;
- Ministry of Health (MoH), including its subsidiary bodies (currently under re-organization);
- Water Management Agency “Apele Moldovei”, including its project and research institute “Acvaproiect”;
- Ministry of Construction and Territorial Development;
- Ministry of Local Public Administration;
- Ministry of Agriculture;
- Ministry of Economy and Trade;
- Ministry of Finance;

- Ministry of Internal Affairs, including its Service for Civil Protection and Emergencies;
- Academy of Sciences;
- Association of Drinking Water Supply and Sanitation Systems Operators (Apa-Canal);
- Water Company Apa-Canal, Chisinau;
- Chisinau municipality and other municipalities;
- NGO “Eco-TIRAS”, which is part of the Steering Committee of the National Policy Dialogue;
- Other NGOs;
- Country Water Partnership;
- REC Moldova;
- Swiss Agency for Development and Cooperation;
- UNECE;
- WHO/EURO.

Meetings of the Steering Committee are open to participation by representatives of the European Commission, UNDP, OECD, OSCE, EU Member States and UNECE countries as well as competent organizations/institutions, including International Financial Institutions and donor organizations.

Representatives of international NGOs, such as the Women for Water Partnership and the Women in Europe for a Common Future, will also participate.

If need be, representatives of other countries as well as other competent organizations and institutions may be invited by the Chairpersons to Steering Committee meetings.

There will be around 50 participants in each of the planned three Steering Committee meetings.

Expert group¹⁶

Under the guidance of the Steering Committee, an expert group - chaired by UNECE - will oversee the practical work on target setting. At least, 6 meetings of this expert group will be held.

For practical reasons, there should not be more than 20 participants, including NGO representatives, in expert group meetings. They will be invited by UNECE, depending on the topic of the meeting and in consultation with the above Moldovan ministries, agencies and organizations.

Consultancies and expert services

Local consultants will provide substantive inputs to the baseline analysis, the identification and prioritization of problems as well as the setting of targets and target dates. Following the budget for the action, long-term consultants, short-term expert services by staff of the Moldavian administration and expert services by NGOs are foreseen.

Long-term consultancy services are foreseen on issues related to the health aspect (15 relevant items under article 6); water management and environment (12 relevant items under article 6); and water supply, sanitation and management (12 relevant items under article 6).

¹⁶ The work of the expert group is governed by a scheme similar to the scheme of the work of the Steering Committee

Short-term expert services will be provided by staff members of the administration as to administrative and institutional aspects as well as reporting under the Protocol, including the work done or to be done by the administration, such as the MENR, the MoH, the AAM as well as other entities (Apa Canal, Ministry of Agriculture, Ministry of Local Public Administration).

The preparation and implementation of "appropriate practical and/or other provisions for public participation under a transparent and fair framework" is part of the target setting activities. This requires *expert services on public participation issues*, noting the 19 relevant items under article 6 of the Protocol. This work will add to that described above under long-term and short-term consultancy and/or expert services. As described above, there are many competent NGOs and practical steps of their involvement (i.e. nomination of a NGO Coordinator, NGO management, nomination of NGO representatives at meetings) are part of the project implementation. Therefore, the budget includes financial support of local and national NGOs: (a) to organize the NGOs input to the target-setting process (financial support for organizing three meetings of NGO representatives); and (b) to pay the fees directly to experts/consultants (financial support for expertise and contribution to public participation in the frame of the Protocol).

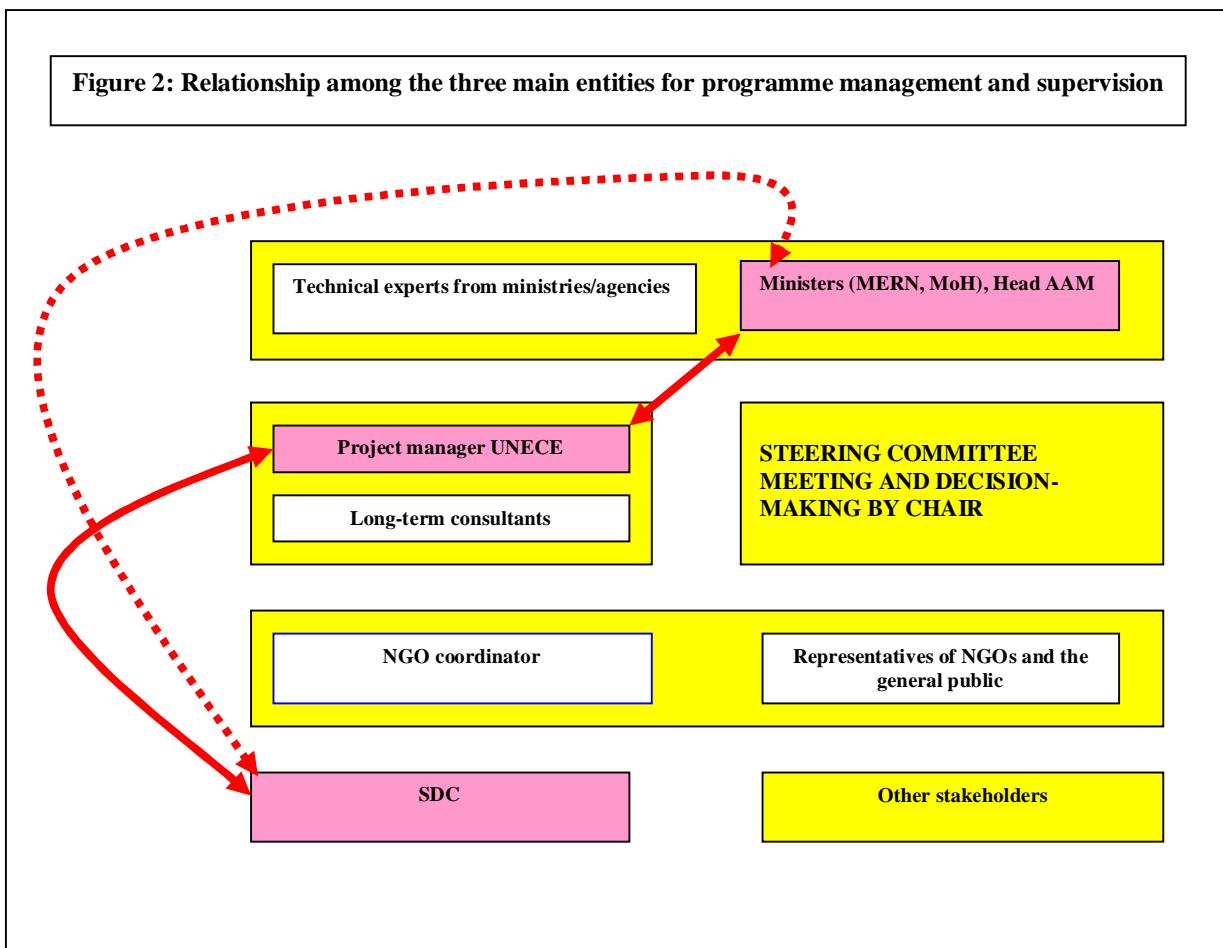


Figure 3: Scheme for target setting activities by stakeholders involved in the project

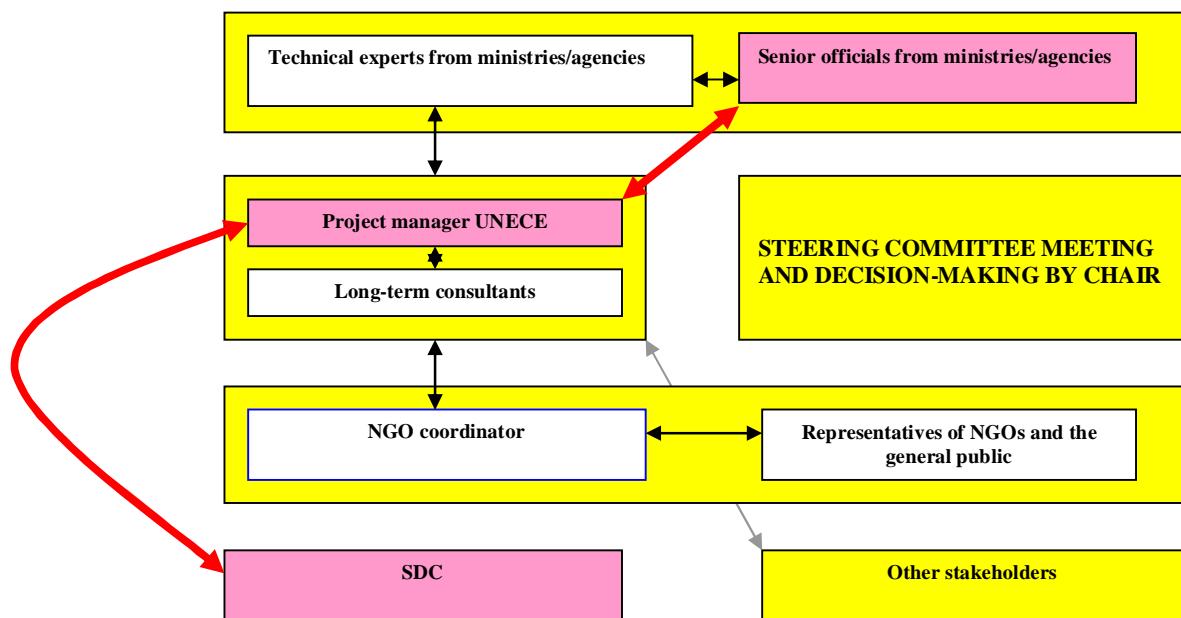


Figure 4: Inputs into Steering Committee meetings

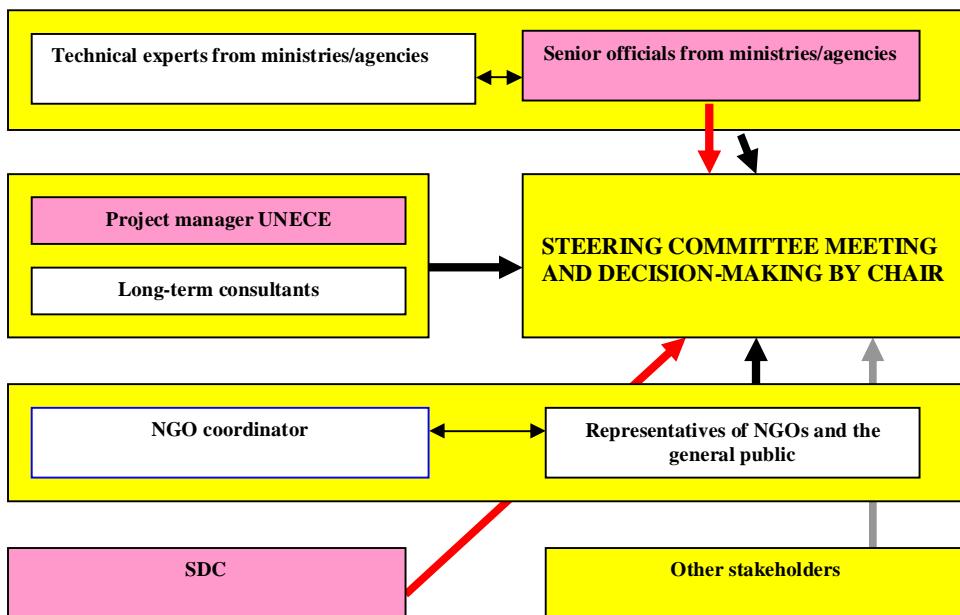
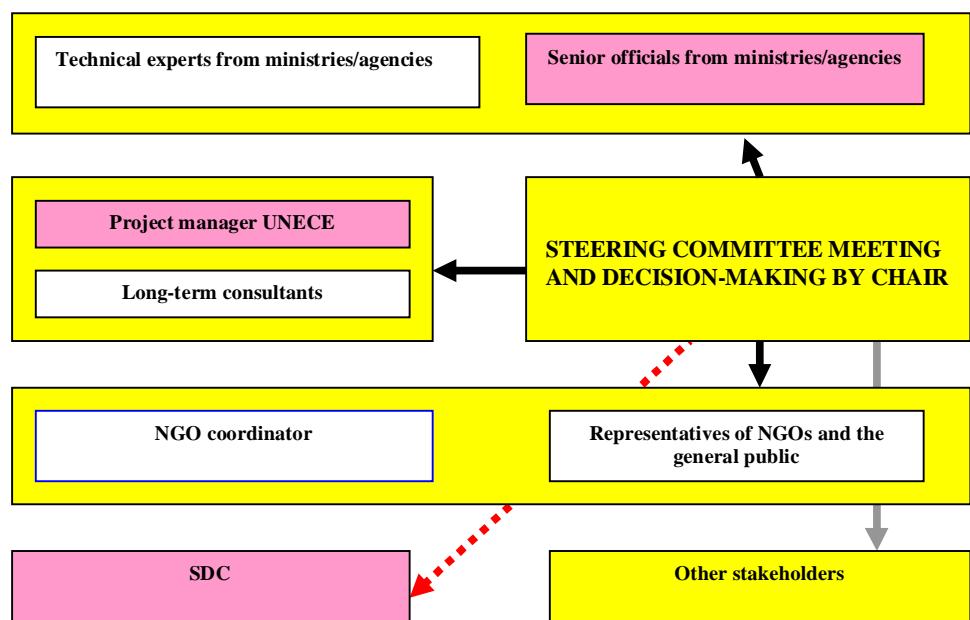


Figure 5: Feedback from Steering Committee meetings



Logistics for meetings and other services

Following UN rules, regulations and directives, contracts for the provision of logistics for meetings will be concluded with non-profit organizations (excluding ministries) in Moldova.¹⁷

IV. ASSUMPTIONS AND RISKS RELATED TO ACTIVITIES BY THE MOLDOVAN GOVERNMENT

The Protocol on Water and Health, ratified by the Government of Moldova, obliges Moldova to carry out certain activities, including the setting of targets and target dates, under its own and direct responsibility and using its own resources as much as possible. Support by the international community of these tasks is regulated under article 14 of the Protocol.

A. Assumptions and risk as to financing

As the implementation of the Protocol is an obligation of the entire Government, representatives of Moldova cannot expect that the international community bears all the costs linked to the target setting activities, as it was the case with the project document submitted to the 1 July 2008 meeting of the APFM.

Therefore, the Swiss Government, represented by the Agency for Development and Cooperation, assumes that Moldova allocates sufficient human and financial resources for project implementation in addition to the resources provided through SDC funding.

Moldovan Governmental contributions should at least include: (a) staff time of ministerial staff, including staff time to assist in the preparation of draft Governmental Orders; (b) expenditures related to data collection, field surveys and monitoring and data evaluation; (c) travel costs of representatives of governmental bodies to Steering Committee and other meetings; (d) expenditures for such hardware as computers that may be needed for governmental staff; (e) expenditures for communication; and (f) expenditures for office rent, insurance, security and other related purposes.

It is assumed that – following a forthcoming exchange¹⁸ of letters between the representatives of SDC and UNECE on the one hand, and between UNECE and the Moldavian Government, on the other - Moldova will make a clear commitment regarding its own contribution in terms of staff time and financial resources. Otherwise, the project is likely to fail.

B. Assumptions and risk as to project management

As the implementation of the Protocol is an obligation of the entire Government, high-level representatives of Moldovan ministries and agencies should become members of the Steering Committee and be committed to work.

¹⁷ The contracting is based on formal procedures for UNECE grants. A meeting of the UNECE grant committee is convened to discuss proposed grants to non-profit organizations. If the grant is approved, a Memorandum of Understanding will be signed between UNECE and the grantee.

¹⁸ After conclusion of the agreement between the Swiss Government and UNECE

It is assumed that the Minister of Environment, the Minister of Health and the Director General of Apele Moldovei should jointly lead the Steering Committee and be personally committed to success. As these high-level officials may be unable to attend all Steering Committee meetings, at least their deputies should do so to ensure implementation of the decisions made. Otherwise, the project may fail due to lack of authority.

Other assumptions and risks are part of the logical framework presented hereunder.

V. LOGICAL FRAMEWORK

Narrative Summary	Indicators & Milestones	Expected Results	Assumptions
OVERALL OBJECTIVE			
Assist Moldova in the implementation of the Protocol on Water and Health to the 1992 UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention), thereby rendering assistance “to promote at all appropriate levels, nationally as well as in transboundary and international contexts, the protection of human health and well-being, both individual and collective, within a framework of sustainable development, through improving water management, including the protection of water ecosystems, and through preventing, controlling and reducing water-related disease” (article 1 of the Protocol).	<u>Indicator:</u> Reports by the Government regarding target setting and reporting delivered by representatives of the Government at meetings under the auspices of the Meeting of the Parties to the Protocol (e.g. Working Group on Water and Health, Meeting of the Parties) <u>Milestones:</u> Dates of intergovernmental meetings in 2009 and 2010	Creation of an institutional framework and of a strategy for sustained progress on water and health issues	Willingness of authorities and other stakeholders to participate in the target setting process Willingness of the Government to allocate sufficient human and financial resources for project implementation in addition to the resources provided through SDC funding and UNECE co-funding
SPECIFIC OBJECTIVE OF THE ACTION			
Provide assistance to Moldova to establish and publish national and/or local targets for the standards and levels of performance that need to be achieved or maintained for a high level of protection of human health and well-being and for sustainable management of water resources.	<u>Indicator:</u> Steering Committee established and three meetings organized with broad participation of the public <u>Milestones:</u> 3 rd , 8 th and 12 th months after project start <u>Indicator:</u> Expert Group is functional and meetings were held <u>Milestones:</u> 3 rd , 8 th and 12 th months after project start <u>Indicator:</u> Members of the public confirm that a transparent and fair framework for public participation has been established and is being implemented <u>Milestones:</u> 3 rd , 8 th and 12 th months after project start	Agreed targets and target dates in accordance with article 6 of the Protocol on Water and Health together with a clear definition of responsibilities for their achievement See outputs 1, 2 and 3 below	MENR, MoH, AAM and UNECE committed to good project management and regular consultations with SDC/Chisinau Sufficient historical records of water quality, quantity and health data available to allow appropriate targets to be set Minister of Environment,

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			Minister of Health and Director General of Apel Moldovei jointly lead Steering Committee
OUTPUTS and ACTIVITIES			
<p>OUTPUT 1: Draft Governmental Order on the implementation of the Protocol on Water and Health, consisting of two main parts: (a) target and target dates under article 6; and (b) responsibility of Moldavian entities on reporting under article 7 on compliance with these targets and target dates, including the implementation of measures</p> <p>KEY ACTIVITIES:</p> <p>Drafting a programme of measures to achieve the targets</p> <p>Consultations with stakeholders on the programme of measures (governmental entities, private sector, water users, general public)</p> <p>Development of relevant legal and administrative tools for implementation</p> <p>Agreement on target and target dates</p>	<p><u>Indicator:</u> Draft Governmental order prepared and submitted by the senior management of MENR and MoH to a governmental consultation process</p> <p><u>Milestones:</u> 2nd and 3rd SC meeting</p>	<p>Accomplished framework to analyze, and report on, the national situation, streamline and harmonize responsibilities and commitments in the areas of water and health. Clearly established and politically endorsed targets. Realistic plan for improvement with prioritized time-bound targets adapted to the national situation, including communication to stakeholders and the general public.</p>	<p>Following experience gained under the National Policy Dialogue under the EU Water Initiative in Moldova that resulted in the adoption of a new governmental order on wastewater discharges from municipal sources at least 6 months would be needed by MENR and MoH to finalize the intergovernmental consultation process</p>

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<p>OUTPUT 2: Technical reports related to the baseline analysis (e.g. legal, institutional and managerial framework; analysis of environmental and health situation) and other substantive activities related to the targets to be established.</p> <p>KEY ACTIVITIES:</p> <p>Baseline analysis (existing legal, institutional, managerial, financial frameworks; existing framework for public participation)</p> <p>Exploration of strategies and visions of key-players</p> <p>Gap analysis and prioritization of activities</p> <p>Draft target and target dates established</p>	<p><u>Indicator:</u> Technical reports on the relevant for Moldova items under article 6 (2) (a-m) as well as article 7 (1) – (5) of the Protocol prepared and finalized</p> <p><u>Milestones:</u> 2nd and 3rd SC meeting</p>	<p>Better understanding of the water and health nexus, the cause-consequence chain and a means to contribute to reversing the present situation where inadequate policies, planning or management practices have conflicting objectives and approaches, resulting in restricted access to safe drinking water and sanitation, serious threats to human health and the environment</p>	<p>Scientific/technical advice provided by Hungarian experts, staff of UNECE and WHO/EURO, members of the Protocol's Task Force on Indicators and Reporting as well as OECD (advice on performance indicators for water utilities)</p>
<p>OUTPUT 3: A publication (English, Moldovan, and Russian) and at least one leaflet on the project activities for wide distribution.</p> <p>KEY ACTIVITIES:</p> <p>Preparation of texts for leaflet(s) and publication in English</p> <p>Translation of above into Moldovan and Russian languages</p>	<p><u>Indicator:</u> Publication prepared, printed and distributed</p> <p><u>Milestones:</u> 2nd and 3rd SC meeting and fifteen months after project start</p> <p><u>Indicator:</u> Leaflet(s) prepared, printed and distributed</p> <p><u>Milestones:</u> 2nd and 3rd SC meeting</p> <p><u>Indicator:</u> Web site operational</p> <p><u>Milestones:</u> 2nd and 3rd SC meeting</p> <p><u>Indicator:</u> PR work accomplished</p> <p><u>Milestones:</u> 1st, 2nd and 3rd SC meeting</p>	<p>Users of water management, water supply and sanitation services and more broadly the users of water resources in Moldova informed about aims and achievements under the project</p>	<p>Sufficient progress in the target setting process achieved to start preparing leaflet(s) and publication</p>

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<p>Layout and art work for leaflet(s) and publication</p> <p>Printing of leaflet(s) and publication</p> <p>Distribution/mailing of leaflet(s) and publication</p> <p>Design and population of web site</p> <p>Holding press briefings or other PR events during Steering Committee meetings</p>			

