

**PROTOCOL ON WATER AND HEALTH**

**SETTING TARGETS AND TARGET DATES**

**AND ESTABLISHING A PROGRAMME OF MEASURES**

**IN ARMENIA**

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# The Protocol on Water and Health:



... is the world's first legal treaty designed to control and reduce water-related diseases through improved water management.

- In the European Region, poor-quality drinking-water causes over 13 000 deaths from diarrhoea among children aged 0–14 years (5.3% of all deaths in this age group) each year
- 140 million (16%) do not have a household connection to a drinking-water supply

- In Central and Eastern Europe water is safe only in 30—40% of households.
- 85 million (10%) do not have improved sanitation
- Emerging threats: protozoan infestations of drinking-water supply systems, proliferation of *Legionella*, and potential health problems related to the increasingly complex chemical environment.

## ESTABLISH TARGETS

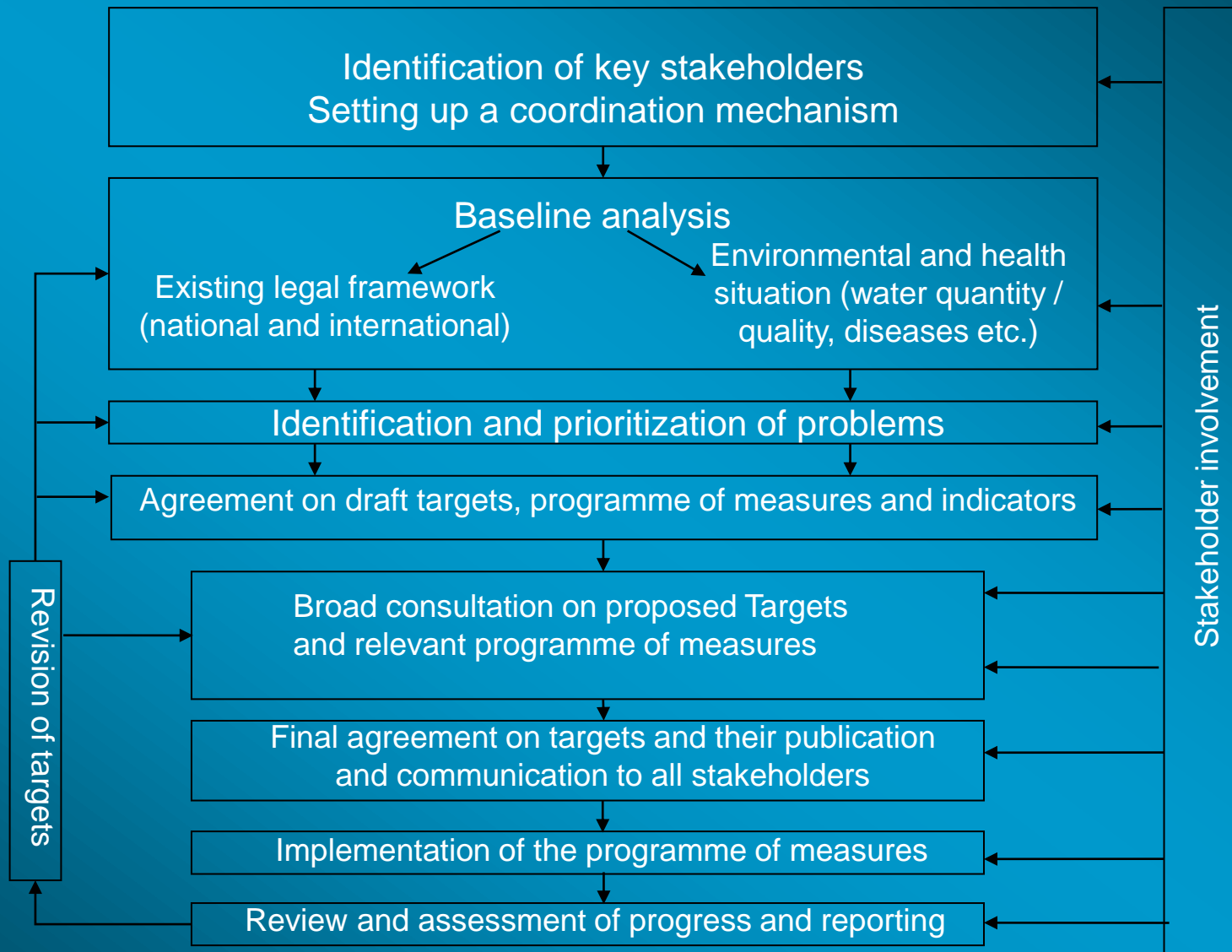
- Water supply and sanitation
- Water management
- Health protection

## SET DATES

**Within 2 years** of becoming a Party, **each country** sets and publishes **targets, and dates** for achieving them

## REVIEW PROGRESS

- collect and evaluate data
- publish results
- review progress
- provide summary reports



## Basic steps of the target setting process (1)

### Identification of key stakeholders

There are 20 issues under article 6 (2) – called TARGET AREAS – for which targets, target dates and proposed measures have to be established (if these issues are relevant for Armenia)

For each Target Areas a competent lead ministry/agency should be identified together with «contributing» ministries/agencies

Target area and reference to article 6 of the Protocol	Issues	Responsibility
<b>TARGET AREA I</b>  Art. 6, 2 (a)	Quality of the drinking water supplied	Ministry of Health
<b>TARGET AREA IX</b>  Art. 6, 2 (g), i	Occurrence of discharges of untreated waste water	???
<b>TARGET AREA XIX</b>  Art. 6, 2 (m)	Effectiveness of systems for the management, development, protection and use of water resources	Ministry of Nature Protection, Water Resources Management Agency



## Basic steps of the target setting process (2)

### Setting up of a coordination mechanism

The existing Steering Committee for the National Policy Dialogue would be the most appropriate coordination mechanisms.

The SC comprises already some of the key ministries and agencies as well as the most competent NGOs and other partners.

Additional members are needed.

## Basic steps of the target setting process (3)

### Working Group

A specific Working Group should be established, which helps the Steering Committee in setting and approving the targets, targets dates and proposed measures

The Working Group is composed of 5-10 experts in the field of health, water supply and sanitation, water resources management, gender policy, public information/participation

## Basic steps of the target setting process (4)

### Baseline analysis for the Target Areas

- Analysis of the existing legal frameworks (including provisions of transboundary agreements) as well as administrative, economic, financial and managerial issues
- Analysis of the environmental and health situation, including water supply and sanitation as well as water resources management

## Basic steps of the target setting process (5)

### Identification and prioritisation of problems

- Improving wastewater treatment
- Increasing the access of the rural populations to improved sources of drinking water
- Establishing water safety plans
- Intergraded water resources management, including River Basin Management Plans
- Safeguarding the relative good status of the existing response systems on water-related diseases

## **Basic steps of the target setting process (6)**

**Preliminary agreement on draft targets, target dates and proposed measures**

... more on the following slides

## Examples of targets

- Improve water quality from class III into class II
- Reduce the discharge of untreated waste water by 30%
- Keep outbreaks of water-related diseases at the present level
- Re-use 50% of sludge from treatment plants in agriculture
- Clean up 30% of heavily contaminated by pesticides areas

## Examples of proposed measures

Set up and operate a new water-quality classification system

Reconstruct the wastewater treatment plants in the cities of a, b, and c

Construct 200 km of water supply pipelines in the regions of a, b and c

Establish and operate a new warning and alarm system for water-related diseases

## Basic steps of the target setting process (7)

Broad consultation on draft targets, target dates and proposed measures

«Broad consultations» means a process in which all competent stakeholders are included. Ways and means to this end include:

- The Steering Committee
- A stakeholder meeting (at the beginning and end of the project)
- A NGO consultation mechanism



## Targets and proposed measures

For most of the TARGET AREAS, it is strongly recommended to establish targets and agree on proposed measures for the five water management regions in Armenia

This will help in checking compliance, but this is more complex than establishing «nation-wide» targets, only

## Some important pieces of information about Moldova

- Moldova signed the Protocol on Water and Health on 10 March 2000 and deposited the instrument of ratification on 16 September 2005 with the United Nations
- Moldova became a Party to the Protocol on 15 December 2005.

## Initiating the project in Moldova

- Request by senior officials of Moldova in June 2008
- Interest of Government of Switzerland for support
- Consultations SDC, UNECE, MoE, MoH and NGOs in March 2009
- SDC-UNECE Agreement of 31 July 2009
- Project start 1 August 2009
- Delay due to reform of the Government

# River basins in Moldova

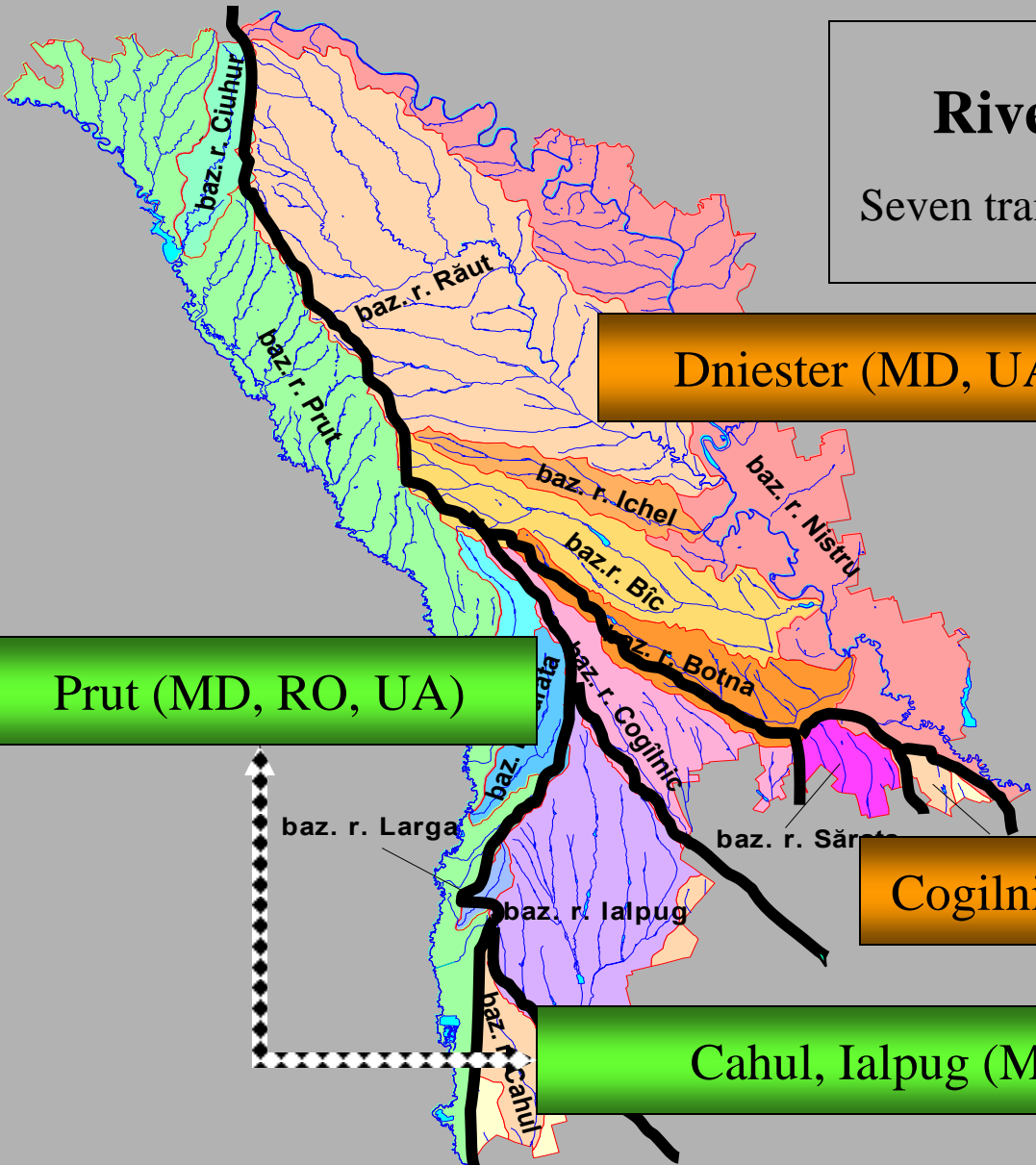
Seven transboundary basins, but two RBO

Dniester (MD, UA)

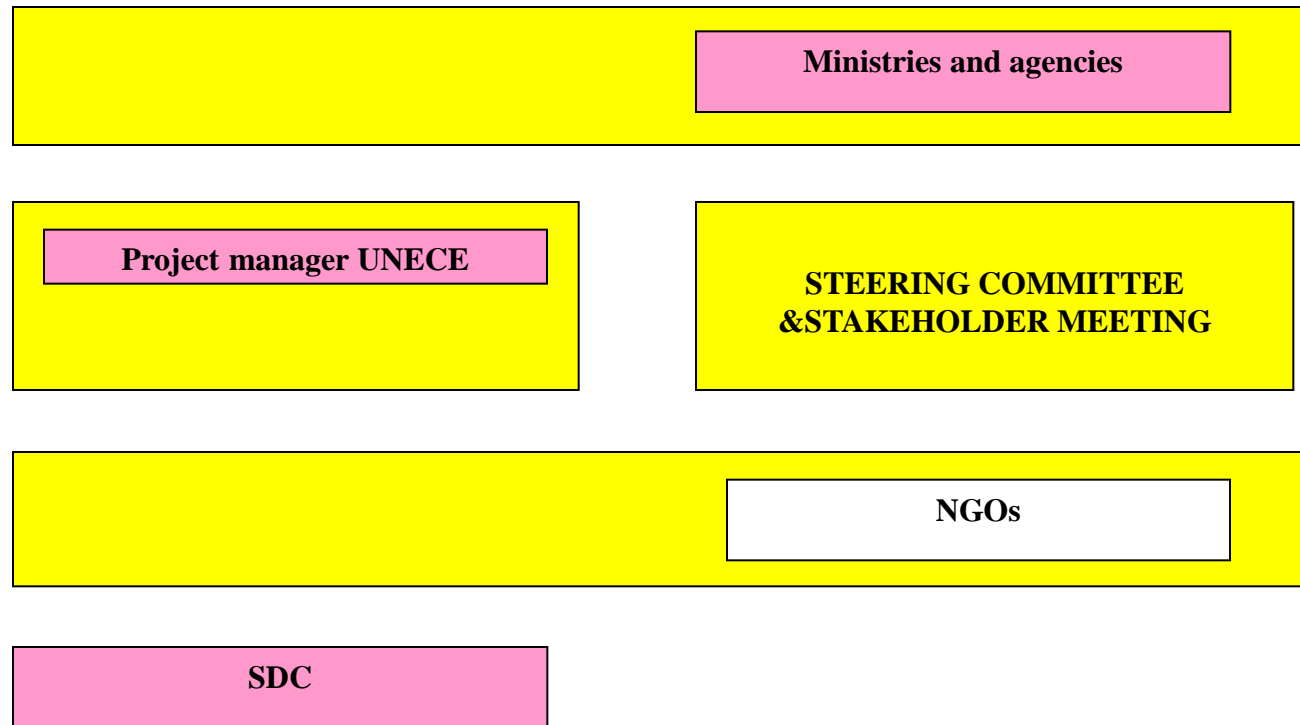
Prut (MD, RO, UA)

Cogilnik, Sarata, Hagider (MD, UA)

Cahul, Ialpug (MD, UA)

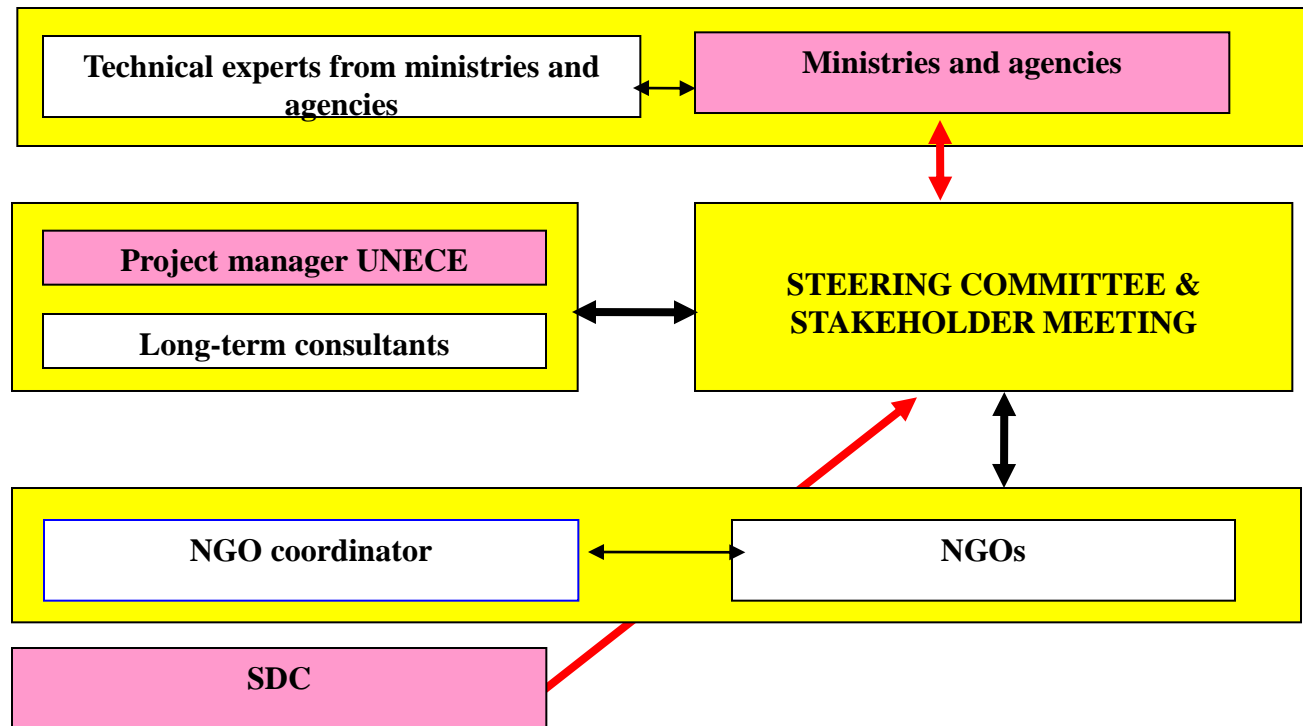


# TARGET SETTING PROJECT - MANAGEMENT SCHEME FOR MOLDOVA



Inputs into Steering Committee meetings

# TARGET SETTING PROJECT - MANAGEMENT SCHEME FOR MOLDOVA



Inputs into Steering Committee meetings

# Output of the project in Moldova

## By 31 October 2010

- Established platform for a policy dialogue
- Joint Ministerial Order (MoE & MoH)
- Targets, target dates, draft measures
- Technical reports

## By 1 April 2011

- Publication (English/Russian/Moldovan)

***WE  
ARE  
ALL  
PART  
OF  
THE  
PROB-  
LEM***

***... but we should be all  
part of the solution***

