

# SMART planning in water sector in North Development Region

## General information

Water has always been one of the most valuable resources, as it is indispensable for the life and socio-economic well-being of communities. Although the Republic of Moldova has made considerable progress in the recent years, it continues to have the lowest level of access to water supply and sewerage services in the Danube Region.

Although water supply and sewerage (WSS) is a national priority and both national funds (National Fund for Regional and Local Development) and development partners (especially the EU) are constantly allocating resources to improve the situation, in the North Development Region only 49,4% of the population has access to water supply (NBS, 2019). In addition, the WSS sector continues to lack major strategic sectoral policy documents at the local level, as well as an effective process for planning and developing the sector.

According to the study “Quality of water intended for human consumption in urban aqueduct networks” (March 2020), “water in the studied urban aqueducts does not correspond to the approved national regulations in a proportion of 55,2 % (49,2 % of the chemical parameters and 13,4% of the microbiological parameters).” “The highest share of non-conformities regarding the quality of water in urban aqueducts is attested in the North Development Region of the country, where 62.5% of the samples do not correspond to the approved regulations (58.3% - chemical parameters and 12.5% - microbiological parameters)”. Taking into consideration that over 80% of the wells in the country contain technical water, according to the standards, and not drinking water, the situation in rural areas is even worse. In this respect, the project will bring better water quality to at least 15 institutions and could be a good example of a pilot project that can be replicated in other areas.

In this sense, the project will have an impact on the socio-economic life of Singerei, Briceni and Glodeni districts in terms of better water quality, a wider range of agricultural and non-agricultural activities (economic diversification), tourism development due to access to WSS and facilities required in all areas of activity due to the capitalization of investments in this field.



## The aim of the project

Improving the socio-economic situation of communities, through equitable and sustainable interventions in the field of water management and sanitation.

## Project description

The project aims to create the necessary planning framework for attracting investment in the WSS sector and efficient resource planning to ensure equitable access to quality water and sanitation services. A coherent, smart, participatory planning in the WSS sector, which integrates innovative tools, will accelerate the development process of the sector and allow for additional funding. The updated district strategies in the WSS sector will provide the basis for the subsequent identification of projects, planning, development and implementation of water supply and sewerage systems at the district level.

### BASIC INFORMATION:

**Implementation period:** 2021-2022

**Implemented by:** North Regional Development Agency

**Budget:** 56.706 EUR



Agenția de  
Dezvoltare Regională  
Nord

## Project approach

The following three results, with the effect of mutual consolidation, ensure the successful implementation of the project:

**Output 1 – Improved capacities for 20 Local Public Authorities and 20 private sector representatives in applying the smart strategic planning tools in the water and sewerage sector in Briceni, Sîngerei and Glodeni rayons.** These measures will help digitizing data in the WSS sector and attract investment in this sector. Three updated planning documents (chapter "Water supply and sewerage" of the Socio-Economic Development Strategies of the three districts) will contribute to decision making process on the allocation of financial resources for the further development of projects and a more effective dialogue with development partners. At the same time, the improved capacities of entrepreneurs in the field of irrigation, regionalization of WSS services and rural development will contribute to the involvement of the private sector in the socio-economic development of the rayon.

**Output 2 – Raising awareness among community members about sustainable water consumption.** By involving pupils as one of the main target groups of the project, people living in Briceni, Sîngerei and Glodeni districts will increase their awareness about the need for rational use of aquatic resources and reduction of water pollution.

**Output 3 – Increased access to quality safe water for beneficiaries of community centers and educational institutions in Briceni, Glodeni and Sîngerei districts.** By purchasing water filtration equipment, as well as water heating equipment, the project will contribute to improving water quality and hygiene conditions in educational institutions and community centres in Briceni, Sîngerei and Glodeni rayons. The project also intends to capitalise on the involvement of the private sector in WSS, in order to positively influence the development of the water sector and the use of smart technologies in WSS.

**Published by:**  
North Regional Development Agency

**Legal address**  
8, Vasile Alecsandri Square, 2nd floor  
Balti, Republic of Moldova  
MD-3110

**Program/project description:**  
SMART planning in water sector in North Development Region

**Author / responsible / editor etc.:**  
Victoria Zabolotnii

**Design / page layout**  
Ion Uruşciuc

**Author of the photos:**  
Ion Uruşciuc

► For additional details, please see the project information on the North RDA webpage: <https://bit.ly/3rxgZhj>

**cooperare germană**  
DEUTSCHE ZUSAMMENARBEIT

Implemented by  
**giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

**Agenția de Dezvoltare Regională Nord**

## Planificare SMART în domeniul managementului apelor

Proiectul „Planificare SMART în domeniul managementului apelor” este realizat de ADR Nord în cadrul proiectului „Suport pentru Guvernul Republicii Moldova în implementarea Agendei 2030”, finanțat de Ministerul Federal German pentru Cooperare și Dezvoltare Economică (BMZ) și implementat de Agenția de Cooperare Internațională a Germaniei (GIZ).

The activity is implemented within the project "Support for the Government of the Republic of Moldova in implementing the 2030 Agenda", funded by the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the German Agency for International Cooperation (GIZ).

**cooperare germană**  
DEUTSCHE ZUSAMMENARBEIT

Implemented by  
**giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH