



European Union Water Initiative Plus for Eastern Partnership Countries (EUWI+)



Report containing national targets and a set of measures to meet the obligations undertaken by the Republic of Belarus under the Protocol on Water and Health until 2030

Minsk, 2021



Acknowledgement

The present report was prepared in the framework of an activity “Support to updating the national targets set under the UNECE – WHO/Europe Protocol on Water and Health in Belarus”, supported by the European Union Water Initiative Plus (EUWI+) for the Eastern Partnership programme, funded by the European Union. The United Nations Economic Commission for Europe (UNECE) assisted the Republic of Belarus in the implementation of the activity by providing methodological, thematic and logistical support.

The activity was implemented in coordination with the Ministry of Health, the Ministry of Natural Resources and Environmental Protection, and the Ministry of Housing and Communal Services of the Republic of Belarus. The «Set of measures to meet the obligations undertaken by the Republic of Belarus under the Protocol on Water and Health to the 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes until 2030” was produced based on the technical paper prepared by members of the National Working Group and based on the results of wide consultations. The authors would like to thank Nataliya Nikiforova and Alisher Mamadzhanov (UNECE, Secretariat of the Protocol on Water and Health) for the overall management and methodological and thematic guidance, Harsha Ratnaweera (International Expert), Enkhtsetseg Shinee and Oliver Schmoll (WHO Regional Office for Europe – European Centre for Environment and Health), the members of the National Inter-Agency Committee managing the EUWI+ implementation in Belarus, and all national and international experts involved in the assessment of the situation in Belarus for their valuable inputs and comments and support they have provided in the preparation of the report. At the national level, the overall coordination of work was provided by Alena Drazdova, National Focal Point under the Protocol on Water and Health, Ministry of Health.

Disclaimer:

The EU-funded program European Union Water Initiative Plus for Eastern Partnership Countries (EUWI+ 4 EaP) is implemented by the United Nations Economic Commission for Europe (UNECE), the Organisation for Economic Co-operation and Development (OECD), both responsible for the implementation of Result 1, and an EU member states consortium comprising the Environment Agency Austria (UBA, Austria), the lead coordinator, and the International Office for Water (IOW, France), both responsible for the implementation of Results 2 and 3.

This document was produced within the UNECE-led component of the EUWI+ with the financial assistance of the European Union. The views expressed herein can in no way be taken to reflect the official opinion of the European Union or the Governments of the Eastern Partnership Countries.

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EXECUTIVE SUMMARY

The Republic of Belarus is part of the EUWI+ programme for the Eastern Partnership countries, funded by the European Union, which addresses the existing challenges in the field of water resources management, with a main focus on transboundary river basins. The programme supports partner countries in bringing their national policies and strategies in line with the EU Water Framework Directive and other multilateral environmental agreements. The activity entitled "Support to updating the national targets set under the UNECE – WHO/Europe Protocol on Water and Health in Belarus" was included in the national workplan of Belarus under the EUWI+ with the aim to revise and update the national targets set in 2013 in the framework of the Protocol on Water and Health, specifically in the light of new challenges and the implementation of the Sustainable Development Goals (SDGs). The activity was implemented in close cooperation with the Ministry of Health, Ministry of Natural Resources and Environmental Protection, Ministry of Housing and Communal Services of the Republic of Belarus and with the participation of the NGO IPO "Ecopartnership". The work was guided by the Ministry of Health of the Republic of Belarus and the National Inter-Agency Committee managing the EUWI+ implementation in Belarus under the Ministry of Natural Resources and Environmental Protection. The members of the National Inter-Agency Committee and participants in its meeting include representatives of key Belarussian entities covering issues of water resources management, water supply and sanitation, including health issues, with the involvement of NGOs. The Meetings of the Committee in December 2018 and December 2019 facilitated discussions on the revision of targets under the Protocol on Water and Health and on equitable access to drinking water supply and sanitation in Belarus at different stages of the work progress.

The National Working Group which included national consultants with expertise and experience in the main fields covered by the Protocol on Water and Health, compiled the information needed and produced the Baseline analysis report on the legal, institutional and thematic aspects of the revision of national targets of Belarus under the Protocol on Water and Health in 2019.¹ The baseline analysis became a background paper for the working group to propose revised targets, taking into account the SDGs and measures to achieve them.

The National Stakeholder Consultation Meeting on the Protocol on Water and Health and Equitable Access to Water Supply and Sanitation in Belarus was held in Minsk on 29 October 2019,² and was co-chaired by the Deputy Minister of Health – Chief State Sanitary Doctor and the Deputy Minister of Natural Resources and Environmental Protection of the Republic of Belarus. During this meeting, the baseline information collected by the national experts (National Working Group members) was presented and discussed. The aim of the Consultation Meeting was to update and discuss the revised targets set under the Protocol and the analysis of the water legislative framework to identify the legislative barriers to ensure equitable access to water supply and sanitation. Stakeholders were invited to submit written comments on the baseline analysis and the revised targets to the Ministry of Health. In November 2019, the Working Group of national experts completed the work on the baseline analysis, and finalized the work on the draft targets and target dates under the Protocol, based on the comments received from stakeholders. The draft targets, target dates and measures to achieve them were presented at the Steering Committee and the extended session of the National Intergovernmental Council for the Implementation of the Protocol on Water and Health and were approved for further circulation among stakeholders (national institutions and entities) for their comments and for further approval.

¹ See <https://euwipluseast.eu/en/component/k2/item/1640-belarus-baseline-analysis-report-on-legal-institutional-and-thematic-aspects-of-the-revision-of-national-targets-of-belarus-under-the-protocol-on-water-and-health-2019-ru?fromsearch=1>

² See <https://unece.org/environmental-policy/events/multi-stakeholder-workshop-protocol-water-and-health-equitable-access>

The draft targets were revised in accordance with the 2030 Agenda for Sustainable Development. The revised targets cover 17 priority areas under the Protocol for Belarus – from quality of drinking water and reduction of water-related diseases – to access to drinking water and sanitation, recreational water safety, wastewater treatment and water resources management. They were presented at the 2nd meeting of the National Inter-Agency Committee managing the EUWI+ implementation in Belarus³ and submitted to the Ministry of Health for adoption at the relevant governmental level.

In accordance with the decision of the Council of Ministers, the document «Set of measures to meet the obligations undertaken by the Republic of Belarus under the Protocol on Water and Health to the 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes until 2030” was approved in March 2021 at the level of three relevant Ministries (Ministry of Health, Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, Ministry of Housing and Communal Services). The document as signed by the respective Ministers is contained in the Annex to this document.

The document is obligatory for implementation and includes 29 targets in 17 relevant for Belarus target areas, 43 target indicators to assess their achievement, implementation timeframes, main actions (activities) to achieve targets, responsible bodies for implementation, and identified synergies with the Sustainable Development Goals.

³ See <https://unece.org/environmental-policy/events/2nd-meeting-national-inter-agency-committee-managing-euwi>

ANNEX 1

English version of Set of measures to meet the obligations undertaken by the Republic of Belarus under the Protocol on Water and Health to the 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes until 2030

APPROVED
Minister of Health
of the Republic of Belarus

D.L.Pinevich

17th of March, 2021

APPROVED
Minister of Housing and
Communal Services
of the Republic of Belarus

A.V.Khmel

18th of March, 2021

APPROVED
Minister of Natural Resources
and Environmental Protection
of the Republic of Belarus

A.P.Khudyk

17th of March, 2021

SET OF MEASURES

TO MEET THE OBLIGATIONS UNDERTAKEN BY THE REPUBLIC OF BELARUS UNDER THE PROTOCOL ON WATER AND HEALTH TO THE 1992 CONVENTION ON THE PROTECTION AND USE OF TRANSBOUNDARY WATERCOURSES AND INTERNATIONAL LAKES UNTIL 2030

| Target | Target Indicator | Implementat ion Timeframes | Activities (Implementation Timeframes, Details Where Necessary) | Responsible Bodies for Implementation of the Activities | Synergy with Sustainable Development Goals (hereinafter – SDGs) |
|---|--|----------------------------------|---|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. Quality of the drinking water supplied (Article 6, para. 2 (a)) – target area I | | | | | |
| 1.1. Improving drinking water safety by microbial indicators | 1.1.1. share of water samples that do not meet the requirements of the microbiological safety indicators – no more than 1% in centralized drinking water supply systems | 2030 | Activity 1: Conducting a baseline analysis of the situation with the decentralized drinking water supply systems for general use in rural areas (compliance with the requirements to maintenance and operation of the sources, compliance with the water hygiene standards) (2020). | Local executive and regulatory authorities (1, 2, 3) Water supply and sanitation (WSS) enterprises (3, 4) | 3.9.2. 6.1.1 |
| | 1.1.2. share of water samples that do not meet the requirements of the microbiological safety indicators – no more than 10% in decentralized drinking water supply systems | 2030 | Activity 2: Development of activities aimed at improving water quality in rural areas in administrative territories (2021). Activity 3: Annual replacement of at least 3% of the networks exceeding standard operating life. | Ministry of Health of the Republic of Belarus (hereinafter – MoHealth) (1, 5) | |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|-----------------------|--|--|-----------------|
| | | | <p>Activity 4: Strict compliance with the requirements of the rules for technical operation of drinking water supply systems, including water source protection, water disinfection, and network flushing.</p> <p>Activity 5: Awareness raising on the rules of maintenance and operation of decentralized drinking water supply systems among population and rural executive committees.</p> | | |
| 1.2. Improving drinking water safety by chemical indicators | <p>1.2.1. compliance of water in municipal centralized drinking water supply systems with hygienic standards for content of iron, manganese and organoleptic indicators – 100%</p> <p>1.2.2. share of water samples from decentralized water supply sources that do not meet hygienic standards for nitrate pollution indicators – no more than 20% (reduction by at least 5% as compared to the level of 2015 (24.5%))</p> | 2030 | <p>Activity 1: Construction of water de-ironizing stations in settlements with high iron content in drinking water in municipal centralized drinking water supply systems.</p> <p>Activity 2: Connecting settlements to the existing centralized water supply systems that meet water quality standards.</p> <p>Activity 3: Annual replacement of at least 3% of the networks exceeding standard operating life.</p> <p>Activity 4: Compliance with the requirements on maintenance and operation of drinking water systems.</p> <p>Activity 5: Awareness raising on the rules of maintenance and operation of decentralized drinking water supply systems among population and rural executive committees</p> | <p>Local executive and regulatory authorities (1-3)</p> <p>WSS enterprises (3, 4)</p> <p>Owners of drinking water supply systems (4)</p> <p>MoHealth (5)</p> | 3.9.2. 6.1.1 |
| 1.3. Improving the sustainability and reliability of the drinking water safety monitoring system in modern conditions | 1.3.1. development of regulatory documents (hereinafter – RDs) and methodological documents in the field of sanitary and epidemiological welfare, | constantly until 2030 | <p>Activity 1: Development and implementation of updated hygienic standards for drinking and packaged water quality (2021).</p> <p>Activity 2: Development of a methodological framework for implementation of risk analysis and risk</p> | MoHealth (1-4) | 3.9.2. |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|-----------------------|---|--|--------|
| | drinking water supply and research methods | | <p>management approaches in drinking water supply systems (by 2025).</p> <p>Activity 3: Conducting scientific-research works to provide a scientific rationale for updating hygienic standards determining the safety indicators for drinking water, packaged water, materials, reagents and equipment used in drinking water supply, requirements to monitoring drinking water safety indicators, taking into account modern approaches and health risks assessment.</p> <p>Activity 4: Development and implementation of high-precision and highly sensitive methods for indication of chemical and biological hazards in drinking water, packaged water, water bodies for drinking and domestic, cultural (recreation) use, extracts from materials, reagents and equipment used in drinking water supply.</p> | | |
| | 1.3.2. improvement of the drinking water safety monitoring system | constantly until 2030 | <p>Activity 1: Development and financial justification of the sectoral “Plan for modernization of hardware and software of the sanitary and epidemiological service” and its integration with the portal of the Central Healthcare Information System within the framework of the project “Modernization of Healthcare System of the Republic of Belarus” and perspectives for the development of e-healthcare” (2025).</p> <p>Activity 2: Implementation of modern methods for compliance assessment of drinking water, packaged water, materials, reagents and equipment used in drinking water supply with hygienic standards.</p> | <p>MoHealth (1-4)</p> <p>Accredited laboratories (in the field of testing drinking water, packaged water, materials, reagents and equipment used in drinking water supply) (2)</p> <p>National Statistical Committee of the Republic of Belarus (hereinafter –</p> | 3.9.2. |

| 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|--|--|--------|
| | | | <p>Activity 3: Adapting the international methodology for assessing SDG indicator 3.9.2 and developing a methodology to form this indicator at the national level (2022).</p> <p>Activity 4: Developing and monitoring SDG indicator 3.9.2 (from 2022).</p> | Statistical Committee) (4) | |
| 2. Reduction of the scale of outbreaks and incidents of water-related diseases (Article 6, para. 2(b)) – target area II | | | | | |
| 2.1. Ensuring the epidemiological well-being of the population with regards to water-related infectious diseases | <p>2.1.1. maintaining a zero incidence of cholera and typhoid fever</p> <p>2.1.2. maintaining the incidence of acute viral hepatitis A and dysentery at the level achieved in 2018 (no more than 0.9 and 0.3 cases per 100,000 population respectively)</p> <p>2.1.3. maintaining the absence of outbreaks of water-related diseases</p> <p>2.1.4. ensuring the monitoring of emerging pathogens of water-related infectious diseases (legionella, viruses, protozoa)</p> | <p>constantly until 2030</p> <p>constantly until 2030</p> <p>constantly until 2030</p> <p>constantly until 2030</p> | <p>Activity 1: Ensuring epidemiological follow-up for cases of infectious diseases to ensure sustainable epidemiological well-being, prevent outbreaks among the population.</p> <p>Activity 2: Improving virological and parasitological monitoring of drinking water and water sources.</p> <p>Activity 3: Introducing the requirements for monitoring legionella agents into the legislation in the field of sanitary and epidemiological well-being of the population, including in water facilities with an emphasis on risk groups (2021).</p> <p>Activity 4: Awareness raising among the population, especially among risk groups (with water supply from decentralized sources) on the need to control compliance of drinking water with hygienic standards, water purification in case of pollution risk.</p> | MoHealth (1-4) | 3.9.2. |
| 2.2. Ensuring the epidemiological well-being of the population with regards to water-related non-communicable diseases | 2.2.1. ensuring epidemiological monitoring of non-communicable water-related diseases | constantly until 2030 | <p>Activity 1: Conducting an assessment of the risks to public health due to increased content of nitrogen-containing compounds in water in decentralized sources, with focus on vulnerable groups (children, pregnant women, often and frequently sick people).</p> | <p>MoHealth (1-3)</p> <p>Local executive and regulatory authorities (3)</p> <p>WSS enterprises (3)</p> | 3.9.2. |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| | | | <p>Activity 2: Awareness raising among the population, especially among vulnerable groups (used water from decentralized sources) on the issues of water safety by chemical parameters, on the need to control compliance of drinking water with hygienic standards, water purification in case of pollution risk.</p> <p>Activity 3: Activity in related target area I (Section 1, Target 1.2).</p> | Owners of drinking water supply systems (3) | |
| 2.3. Improving of surveillance system for diseases potentially related to the lack of safe water, sanitation and hygiene | 2.3.1. improving of surveillance system for the diseases potentially related to lack of safe water, sanitation and hygiene | constantly until 2030 | <p>Activity 1: Development and financial justification of the sectoral “Plan for modernization of hardware and software of the sanitary and epidemiological service” and its integration with the portal of the Central Healthcare Information System (2021-2025)</p> <p>Activity 2: Implementation of the epidemiological analysis of non-communicable diseases into the practice of state sanitary service</p> | MoHealth (1-2) | 3.9.2. |
| 3. Access to drinking water (Art. 6, para. 2 (c)) – target area III | | | | | |
| 3.1. Increasing the access of the population to centralized drinking water supply systems | 3.1.1. level of access to municipal centralized drinking water supply systems for urban population and the population of agricultural towns – 100% | 2030 | Activity 1: Development of centralized drinking water supply systems (construction of water supply networks), including within the framework of Decree No. 488 of the President of the Republic of Belarus of 22.12.2018. | Local executive and regulatory authorities (1) | 6.1.1 |
| 3.2. Increasing the proportion of population using safely managed water supply services | 3.2.1. increasing the proportion of population using safely managed drinking water supply services (SDG 6.1) | 2030 | <p>Activity 1: Activities in related target areas I, V, VII, XIV (Sections 1, 5, 7, 12 of the Protocol) (2021 – 2030).</p> <p>Activity 2: Providing state support to the population in the form of non-cash housing subsidies in accordance with Decree No. 322 of the President of the</p> | Local executive and regulatory authorities (1-2, 4-5) WSS enterprises (1) | 6.1.1 3.8. 4.a.1.1. |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| | | | <p>Republic of Belarus of 29.08.2016 (2021).</p> <p>Activity 3: Conducting an assessment of the proportion of population using water services provided in compliance with security requirements (Indicator 6.1.1. of SDG 6) (since 2021).</p> <p>Activity4: Implementation of activities aimed at ensuring 100 % access to safe drinking water supplied in compliance with security requirements in educational institutions, social institutions and health care facilities, including under World Health Assembly Resolution WHA 72.2 “Water, sanitation and hygiene in health care facilities.”</p> <p>Activity 5: Inclusion of activities to ensure access of vulnerable groups of the population to drinking water supplied in compliance with security requirements (persons with disabilities, people in penitentiary facilities, travelers, homeless) when developing national regulatory and regulatory legal acts, strategies, development plans, state programs (e.g., development of social infrastructure, roadside service, tourism infrastructure, etc.) (including with the involvement of non-governmental organizations of persons with disabilities)</p> | <p>Owners of drinking water supply systems (1)</p> <p>Statistical Committee (3)</p> <p>Regional Executive Committees, Minsk City Executive Committee (4, 5)</p> <p>MoHealth (4)</p> <p>Ministry of Labour and Social Protection (4-5)</p> <p>Ministry of Internal Affairs (5)</p> | |
| 4. Access to sanitation (Art. 6, para. 2 (d)) – target area IV | | | | | |
| 4.1. Increasing the access of the population to centralized and local sanitation systems | 4.1.1. level of access of the population to centralized and local sanitation systems for urban population – 92.5%; | 2030 | Activity 1: Development of centralized and local sanitation systems: construction of sanitation systems, including within the framework of Decree No. 488 of the President of the Republic of Belarus of 22.12.2018. | Local executive and regulatory authorities (1) | 6.2.1.1* |

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| | 4.1.1. level of access of the population to centralized and local sanitation systems for rural population – 32.5 %. | 2030 | Activity 1: Development of centralized and local sanitation systems: construction of sanitation systems, including within the framework of Decree No. 488 of the President of the Republic of Belarus of 22.12.2018. | Local executive and regulatory authorities (1) | |
| 4.2. Increasing the proportion of the population using sanitation services provided in compliance with security requirements | 4.2.1. increasing the proportion of the population using sanitation services provided in compliance with security requirements (SDG 6.2) | 2030 | <p>Activity 1: Activities in related target areas VI, VIII (2021-2030).</p> <p>Activity 2: Providing state support to the population in the form of non-cash housing subsidies in accordance with Decree No. 322 of the President of the Republic of Belarus of 29.08.2016 (2021).</p> <p>Activity 3: Conducting an assessment of the proportion of the population using sanitation services provided in compliance with security requirements (since 2021).</p> <p>Activity 4: Implementation of activities aimed at ensuring 100 % access to sanitation services provided in compliance with security requirements in educational institutions, social institutions and health care facilities, including under World Health Assembly Resolution WHA 72.2 “Water, sanitation and hygiene in health care facilities.”</p> <p>Activity 5: Inclusion of activities to ensure access of vulnerable groups of the population to sanitation services provided in compliance with security requirements (persons with disabilities, people in penitentiary facilities, travelers, homeless) when developing national regulatory and regulatory legal acts, strategies, development plans, state programs (e.g., development of social</p> | <p>Local executive and regulatory authorities (1-2, 4-5)</p> <p>WSS enterprises (1)</p> <p>Owners of drinking water supply systems (1)</p> <p>Statistical Committee (3)</p> <p>Regional Executive Committees, Minsk City Executive Committee (4, 5)</p> <p>MoHealth (4)</p> <p>Ministry of Labour and Social Protection (4)</p> <p>Ministry of Internal Affairs (5)</p> | <p>3.8.</p> <p>4.a.1.1.</p> |

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| | | | infrastructure, roadside service, tourism infrastructure, etc.) (including with the involvement of non-governmental organizations of persons with disabilities) | | |
| 5. Levels of performance of the collective systems and other water supply systems (Article 6, para. 2 (e)) – target area V | | | | | |
| 5.1. Improving the operational performance of drinking water supply systems | 5.1.1. reduction of the level of losses and unaccounted water consumption to no more than 12% | 2025 | <p>Activity 1: Taking inventory of water supply networks with subsequent transfer of the derelict networks to municipal ownership in accordance with the national legislation.</p> <p>Activity 2: Annual replacement of at least 3 % of the networks of public water supply systems exceeding standard operating life.</p> <p>Activity 3: Improving legislation in the field of accounting for losses and unaccounted water consumption by adjusting the Guidelines for calculating losses and unaccounted water consumption and implementation of water meters with remote sensing and data transmission.</p> | <p>Local executive and regulatory authorities (1-2)</p> <p>WSS enterprises (1-2)</p> <p>Ministry of Housing and Communal Services of the Republic of Belarus (hereinafter – MoHousing) (3)</p> | 6.4.1. |
| 6. Levels of performance to be achieved by collective systems and other sanitation systems (Article 6, para. 2 (e)) – target area VI | | | | | |
| 6.1. Improving the operational efficiency of sanitation systems | 6.1.1. Improving the operational efficiency of centralized public sanitation systems | 2025 | <p>Activity 1: Taking an inventory of sanitation networks with subsequent transfer of the derelict networks to municipal ownership in accordance with the national legislation.</p> <p>Activity 2: Annual replacement of at least 3 % of the networks of public sanitation systems exceeding standard operating life.</p> | <p>Local executive and regulatory authorities (1-2)</p> <p>WSS enterprises (1-2)</p> | 6.1.3 |
| 7. Application of recognized good practice to the management of water supply (Article 6, para. 2 (f)) – target area VII | | | | | |
| 7.1. Improving drinking water management | 7.1.1. preparation (adjustment) and adoption of RDs and technical normative legal documents (hereinafter – | 2021 | Activity 1: Preparation and adoption of RDs and TNDs in accordance with the new version of the Law of the Republic of Belarus “On Drinking Water Supply.” | <p>MoHousing (1),</p> <p>Regional Executive Committees,</p> | |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|-----------|---|--|---|
| | TNDs) in accordance with the new version of the Law of the Republic of Belarus “On Drinking Water Supply” | | | Minsk City Executive Committee (1) | |
| 7.2. Implementation of international approaches in the field of drinking water supply management | 7.2.1. implementation of risk-based approaches to the management of municipal centralized drinking water supply systems | 2030 | <p>Activity 1: Informing stakeholders about international approaches in the field of drinking water supply management (constantly).</p> <p>Activity 2: Development of methodological and regulatory framework for implementation of risk assessment and management in drinking water supply systems (2025).</p> <p>Activity 3: Implementation of a pilot project on involving local communities in water resources management through development and implementation of water supply and sanitation safety plans (2022).</p> <p>Activity 4: Informing stakeholders about international approaches in the field of ensuring equitable access to drinking water provided in compliance with security requirements (constantly).</p> | <p>MoHealth (1-2, 4)</p> <p>MoHousing (1)</p> <p>Grodno Regional Executive Committee, Mosty District Executive Committee (3)</p> | |
| 8. Application of recognized good practice to the management of sanitation (Article 6, para. 2 (f)) – target area VIII | | | | | |
| 8.1. Implementation of international approaches in the field of sanitation management | 8.1.1. implementation of risk-based approaches to management of sanitation systems | 2021-2030 | <p>Activity 1: Informing stakeholders about international approaches in the field of sanitation management (constantly).</p> <p>Activity 2: Development of methodological and regulatory framework for implementation of risk assessment and management in sanitation systems (2025).</p> <p>Activity 3: Implementation of a pilot project on involving local communities in water resources management through development and</p> | <p>MoHealth (1-2, 4)</p> <p>MoHousing (1)</p> <p>Grodno Regional Executive Committee, Mosty District Executive Committee (3)</p> | |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| | | | implementation of water supply and sanitation safety plans (2022). Activity 4: Informing stakeholders about international approaches in the field of ensuring equitable access to sanitation provided in compliance with security requirements (constantly). | | |
| 9. Occurrence of discharges of untreated storm water overflows (Article 6, para. 2 (g) (i)) – target area X | | | | | |
| 9.1. Improving storm water runoff system management | 9.1.1. improving account of the amount (volume of discharge) and quality control of surface wastewater discharged into surface water bodies | 2025 | Activity 1: Taking inventory of wastewater discharges to surface water bodies, mapping the coordinates of wastewater discharges to water bodies in settlements with population of 50,000 people or more. Activity 2: Obtaining permits for special water use by enterprises involved in discharge of surface wastewater into surface water bodies | Ministry of Natural Resources and Environmental Protection of the Republic of Belarus (hereinafter – MoEnvironment (1) Enterprises owing storm water runoff systems (2) | 6.1.3 |
| | 9.1.2. taking inventory of storm water runoff networks in settlements with population of 100,000 people and more | 2025 | Activity 1: Taking inventory of storm water networks in 15 towns to determine the need for construction of storm water treatment facilities on discharges of surface wastewater into surface water bodies | Local executive and regulatory authorities (1) Enterprises owing storm water runoff systems (1) | |
| 10. Quality of discharges of waste water from waste-water treatment installations (Article 6, para. 2 (h)) – target area XI | | | | | |
| 10.1. Reducing the discharge of heavy metals with waste water to surface water bodies after treatment facilities | 10.1.1. reduction of heavy metals (copper, lead, total ferrum, total chromium, nickel, zinc) release with wastewater to surface water bodies (in % vs. the 2015 levels): – by 20%; – by 25%. | 2021-2030 2025 2030 | Activity 1: Creating mechanisms of economic incentives to reduce pollutant discharge in industrial wastewater into the municipal sanitation system, including elaborating the issue of setting environmental tax rates for wastewater discharge that would depend on the mass of pollutant discharge. Activity 2: Development of RDs on establishment of common requirements to the reception, transportation and | Ministry of Economy (1), Ministry of Taxes and Duties (1) Ministry of Finance (1) MoHousing (1,2) | 6.1.3 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|--|--|--|--|---|--------------|
| | | | <p>treatment of industrial wastewater at discharge into the municipal sanitation system to reduce the load on municipal wastewater treatment facilities.</p> <p>Activity 3: Activities in related target area VIII.</p> | <p>MoEnvironment (3)</p> <p>Local executive and regulatory authorities (3)</p> <p>WSS enterprises (3)</p> | |
| <p>10.2. Reducing the volume of discharge of insufficiently treated wastewater to surface water bodies</p> | <p>10.2.1. Index of discharge of insufficiently treated wastewater discharged into surface water bodies after treatment facilities (in % vs. the 2015 levels):</p> <p>– 30%;</p> <p>– 30%.</p> | <p>2021-2030</p> <p>2025</p> <p>2030</p> | <p>Activity 1: Development of RDs on establishment of common requirements to the reception, transportation and treatment of industrial wastewater at discharge into the municipal sanitation system to reduce the load on municipal wastewater treatment facilities.</p> <p>Activity 2: Organizing metering of wastewater discharged into centralized municipal sanitation systems in settlements (2025).</p> <p>Activity 3: Construction, reconstruction and modernization of local wastewater treatment facilities by the users-industrial enterprises placing the greatest burden on municipal wastewater treatment facilities (2030).</p> <p>Activity 4: Construction, reconstruction and modernization of treatment facilities for complete biological wastewater treatment of centralized municipal wastewater systems (at least 5), including with the funds from international financial organizations (2030).</p> <p>Activity 5: Development and implementation of Plan of actions for reducing of discharge of insufficiently treated wastewater to surface water bodies</p> | <p>MoHousing (1)</p> <p>Enterprises and organizations (2,3)</p> <p>Branch public authorities and other state organizations subordinate to the Government (2,3)</p> <p>Local executive and regulatory authorities (4,7)</p> <p>MoEnvironment (5, 6)</p> <p>WSS enterprises (7)</p> | <p>6.1.3</p> |

| 1 | 2 | 3 | 4 | 5 | 6 |
|--|--|--------------|--|--|---------|
| | | | <p>Activity 6: Development of TNDs with environmental requirements to allocation and operation of swine breeding farms and other livestock facilities.</p> <p>Activity 7: Activities in related target area VIII.</p> | | |
| 10.3. Increasing the proportion of surface water bodies with environmental ratings of “good” and higher. | 10.1.3. Proportion of surface water bodies with environmental ratings of “good” and higher, %: at least 75%; at least 80%. | 2025 2030 | <p>Activity 1: Development of TNDs with criteria for classification of surface water bodies as heavily modified.</p> <p>Activity 2: Monitoring of surface waters, local monitoring of under the frame of NSMOS.</p> <p>Activity 3: Development of the hydro-morphological monitoring network.</p> <p>Activity 4: Development and adjustment of projects of water protection zones and coastal strips</p> | MoEnvironment (1-3) Local executive and regulatory authorities (4) | 6.3.2.1 |
| 11. Disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations (Article 6, para. 2 (i)) – target area XII | | | | | |
| 11.1. Implementation of the processing and use of sewage sludge | 11.1.1. implementation of economically and environmentally sound methods of processing and using sewage sludge | 2030 | <p>Activity 1: Implementation of economically and environmentally sound methods of processing and using sewage sludge including for alternative energy sources.</p> <p>Activity 2: Improving legislation in the field of regulation of sewage sludge management (biogas production, incineration, composting).</p> <p>Activity 3: Justifying strategic activities in the field of sewage sludge treatment and reuse for the Republic of Belarus.</p> | Local executive and regulatory authorities (1) WSS enterprises (1) MoHousing (2, 3) MoEnvironment (2,3) MoHealth (2, 3) Ministry of Energy of the Republic of Belarus (2) | |
| 12. Quality of waters which are used as sources for drinking water (Article 6, para. 2 (j)) – target area XIV | | | | | |

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| 12.1. Improving the reliability of drinking water sources | 12.1.1. increasing the proportion of drinking water sources that meet sanitary and epidemiological requirements | 2021-2030 | <p>Activity1: Analysis of compliance with sanitary protection zones (hereinafter – SPZ) of the sources of centralized drinking water supply systems (annually).</p> <p>Activity 2: Development of SPZ projects for all sources of centralized drinking water supply.</p> <p>Activity 3: Compliance with the requirements to organizing and maintaining SPZs of centralized drinking water supply sources.</p> <p>Activity 4: Scheduled grouting of decommissioned water wells.</p> <p>Activity 5: Development of TND establishing the requirements to monitoring the groundwater regime.</p> <p>Activity 6: Development and implementation of updated hygienic standards for water bodies for drinking and domestic and cultural (recreational) purposes</p> | <p>Local executive and regulatory authorities (1)</p> <p>MoHealth (1, 6)</p> <p>WSS enterprises (2, 3, 4)</p> <p>Organizations operating within the 2nd and 3rd belts of SPZs (3)</p> <p>MoEnvironment (5)</p> | 6.1.1 |
| 13. Quality of waters which are used for bathing (Article 6, para. 2 (j)) – target area XV | | | | | |
| 13.1. Improving the quality of water used for bathing | 13.1.1. increasing the proportion of surface water bodies meeting regulatory requirements by microbiological indicators, within the boundaries of recreation zones by 10 % vs. the 2015 levels | 2030 | <p>Activity 1: Activities in related target areas VIII, X, XI of the Protocol (Sections 8, 9, 10).</p> <p>Activity 2: Compliance with the requirements to organizing and maintaining recreation zones on surface water bodies.</p> <p>Activity 3: Continuing the work on improving regulatory framework – implementation of risk analysis, awareness raising among stakeholders responsible for maintenance of the recreation zones.</p> <p>Activity 4: Classifying the recreation zones depending on water</p> | <p>Local executive and regulatory authorities (1, 2, 4)</p> <p>MoHealth (3, 4, 5)</p> | 3.3 |

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| | | | <p>quality of water bodies and public health risks based on long-term trends, state of the territory, along with the development and implementation of a system for informing the population and other interested stakeholders.</p> <p>Activity 5: Development and implementation of updated hygienic standards for water bodies for drinking and domestic and cultural (recreational) purposes.</p> | | |
| 14. Application of recognized good practice to the management of enclosed waters generally available for bathing (Article 6, para. 2 (k)) – target area XVII | | | | | |
| 14.1. Implementation of the recognized best practice to the management of enclosed recreation bodies generally available for bathing (swimming pools) | 14.1.1. implementation of the recognized good practice to the management of enclosed recreation bodies generally available for bathing (swimming pools) | 2021-2030 | <p>Activity 1: Implementation of updated hygienic standards for water in pools, including control of the legionella agents in at-risk institutions (swimming pools, spas) (2021).</p> <p>Activity 2: Development and implementation of a methodology for risk analysis and management in swimming pools and other enclosed recreational facilities generally available for bathing (2024).</p> <p>Activity 3: Development and implementation of checklists for assessing the sanitary and epidemiological well-being of swimming pools (2022).</p> <p>Activity 4: Promotion of the application of methods alternative to chlorination in children's pools and in educational institutions.</p> | MoHealth (1-4) Local executive and regulatory authorities (4) | |
| 15. Identification and remediation of particularly contaminated sites (Article 6, para. 2 (1)) – target area XVIII | | | | | |
| 15.1. Groundwater impact reduction | 15.1.1. reduction of impacts on the first aquifer (complex) from the earth's surface at the | 2021-2030 | Activity 1: Conducting groundwater monitoring as part of the NSMOS. | MoEnvironment (1) Enterprises (2) | |

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| | locations of identified or potential sources of groundwater pollution | | Activity 2: Conducting works on decommissioning the filtration fields and land reclamation. | Local executive and regulatory authorities (2) | |
| | 15.1.2. decommissioning of all mini-landfills for solid municipal waste disposal | 2023 | Activity 1: Step-by-step decommissioning of mini-landfills for the disposal of solid municipal waste (hereinafter – DSMW). Activity 2: Reclamation of land plots where the decommissioned mini-landfills for DSMW are located. | Regional Executive Committees (1,2) | |
| 16. Effectiveness of systems for the management, development, protection and use of water resources (Article 6, para. 2 (m)) – target area XIX | | | | | |
| 16.1. Improving the water resources management system, including basin management | 16.1.1. establishing at least 2 basin councils | 2022-2025 | Activity 1: Establishing basin councils | MoEnvironment (1) | 6.5.1 |
| | 16.1.2. development and implementation of at least 5 river basin management plans | 2022-2025 | Activity 1: Development of river basin management plans for Nioman and Zachodniaja Dzvina. | MoEnvironment (1) | |
| 16.2. Development of transboundary cooperation in the sphere of water resources use and protection | 16.2.1. percentage of the area of transboundary river basins covered by international agreements on cooperation in the field of protection and use of transboundary waters: at least 78% | 2021-2030 2025 | Activity 1: Drafting and signing agreements on the protection and use of transboundary waters with neighboring states (2021-2030). | MoEnvironment (1) | 6.5.2 |
| 17. Additional target indicators – target area XX | | | | | |
| 17.1. Increasing public access to information on water and health | 17.1.1. publishing information in the field of sanitary and epidemiological welfare of the population (drinking, household, recreation water use) | 2021-2030 | Activity 1: Development of an information strategy to cover the issues of water and health in the work with the population (2021). Activity 2: Publication of the State report “On Sanitary and Epidemiological Situation in the Republic of Belarus” (section “Hygienic assessment of water bodies, water supply and public health”) on the Internet website of the State Institution “Republican Center for | MoHealth (1-4) | 6.b.1 |

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| | | | <p>Hygiene, Epidemiology and Public Health” (annually).</p> <p>Activity 3: Publication of relevant information on water quality in public decentralized sources of drinking water supply on the official Internet websites of territorial institutions that carry out state sanitary surveillance (at least once a quarter).</p> <p>Activity 4: Publication of relevant information on compliance of water within the recreation areas with hygienic standards on the official Internet websites of territorial institutions that carry out state sanitary surveillance (during the recreation period, weekly).</p> | | |
| | 17.1.2. publication of information in the field of drinking water supply | Constantly (at least once a quarter) | <p>Activity 1: 1. Publication of information on:</p> <ul style="list-style-type: none"> -quality of drinking water in municipal centralized drinking water supply systems; -implementation of regional sets of measures in the field of drinking water supply, long-term plans for the development of water supply systems in respective administrative-territorial units (hereinafter – ATU), implementation of activities aimed at developing the water supply systems in the respective ATU; -implementing state programs in the field of drinking water supply; -organizing drinking water supply, including in cases when there is no centralized drinking water supply system available and in emergency situations; -future construction of centralized drinking water supply systems; | Local executive and regulatory authorities (1) | |

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| | | | <p>–target indicators for providing consumers with drinking water that meets drinking water safety standards; –tariffs for providing water supply services.</p> <p>Activity 2: Publication of information on:</p> <p>–general characteristics of the state of centralized drinking water supply systems; –compliance of drinking water with drinking water safety standards; –methods used for drinking water treatment; –water supply sources in settlements; –procedure for connecting to and using centralized drinking water supply systems, as well as the procedure for concluding a contract for water supply services; –implementation of scheduled works on centralized drinking water supply systems and resuming the operation of these systems; –rational use of drinking water and ways to save it; –number and frequency of sampling of drinking water as part of a drinking water production safety control program.</p> <p>Activity 3: Monitoring the dynamics of SDG indicator 6.b.1.</p> | WSS enterprises (2) | |
| | 17.1.3. publication of information on the use and protection of water resources | Annually | Activity 1: Maintaining of the State Water Cadaster, posting its data on official websites | Statistical Committee (3) MoEnvironment (1) MoHealth (1) | |
| | 17.1.4. publication of information on implementation of the | Once in 3 years (as per | Activity 1: Publication of the national report on the Protocol on Water and Health on the UNECE website | MoHealth (1) | |

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| | provisions of the Protocol in the Republic of Belarus | obligations to the Protocol) 2021 | Activity 1: Publication of the report “Assessment of equitable access to water and sanitation in the Republic of Belarus” on the Internet | MoHealth (1) with stakeholders | |
| | 17.1.5. publication of information on achieving the SDGs relevant to the Protocol | Annually | Activity 1: Publication of the SDG indicators relevant to the Protocol on the national platform for SDG reporting: sdgplatform.belstat.gov.by | Statistical Committee (1) | |
| 17.2. Awareness raising of various target professional groups on safe and sustainable drinking water supply, sanitation and water resources protection | 17.2.1. Awareness raising of various target professional groups on safe and sustainable drinking water supply, sanitation and water resources protection | 2021-2030 (constantly) | Activity 1: Holding training and awareness raising events on modern aspects of safe and sustainable drinking water supply, sanitation and water resources protection: at least once a year at the national level. Activity 2: Working on the possibility of implementing projects aimed at awareness raising of various target professional groups on safe and sustainable drinking water supply, sanitation and water resources protection. Activity 3: Updating the curriculum of university-level educational institutions and postgraduate educational institutions to ensure training, retraining and advanced training for personnel in the field of water supply, sanitation and water resources protection. | MoHealth (1, 2, 3) MoEnvironment (1, 3) MoHousing (1, 3) Ministry of Education (3) | 3.d |

AGREED

Chairperson of the National Statistical
Committee of the Republic of Belarus
I.V.Medvedeva
29.05.2020

AGREED

Deputy Minister of Labour and Social
Protection of the Republic of Belarus
I.A.Kostevich
29.05.2020

AGREED

Deputy Minister of Finance
of the Republic of Belarus
D.N.Kiyko
03.02.2021

AGREED

Deputy Chairperson of the Brest
Regional Executive Committee
G.I.Borisiuk
01.06.2020

AGREED

First Deputy Head of the Main Health
Department of the Grodno Regional
Executive Committee
N.E.Antonovich
01.02.2021

AGREED

Deputy Chairperson of the Minsk City
Executive Committee
A.V.Dorohovich
03.02.2021

AGREED

Minister of Education
of the Republic of Belarus
I.V.Karpenko
28.05.2020

AGREED

Minister of Economy
of the Republic of Belarus
A.V.Cherviakov
01.06.2020

AGREED

Deputy Minister of Energetics
of the Republic of Belarus
M.I.Mihadiuk
29.05.2020

AGREED

Deputy Chairperson of the Vitebsk
Regional Executive Committee
V.P.Penin
02.06.2020

AGREED

Chairperson of the Minsk
Regional Executive Committee
A.G.Turchin
29.05.2020

AGREED

Chairperson of the Mosty Rayon
Executive Committee
Y.N.Valevatyj
14.05.2020

AGREED

Chairperson of the State Committee for
Standardization of the Republic of Belarus
V.B.Tataritskiy
28.05.2020

AGREED

Minister of Taxes and Duties
of the Republic of Belarus
S.E.Nalivayko
27.05.2020

AGREED

Minister of Internal Affairs
of the Republic of Belarus
I.V.Kubakov
12.01.2021

AGREED

Chairperson of the Gomel
Regional Executive Committee
G.M.Solovey
29.05.2020

AGREED

Deputy Chairperson of the Mogilev
Regional Executive Committee
V.A.Malashko
29.05.2020

APPENDIX

**FOCAL POINTS RESPONSIBLE FOR
DRAFTING SECTIONS OF THE SUMMARY REPORT
ON IMPLEMENTATION OF THE PROTOCOL
FOR ITS SUBMISSION TO THE SECRETARIAT**

| No. | Titles of Sections of the Set of Measures | Target Area of the Protocol | Focal Point Responsible for Drafting the Section |
|-----|--|------------------------------------|--|
| 1 | 2 | | 3 |
| 1. | Quality of the drinking water supplied | I (Article 6, paragraph 2 (a)) | MoHealth |
| 2. | Reduction of the scale of outbreaks and incidents of water-related diseases | II (Article 6, paragraph 2 (b)) | MoHealth |
| 3. | Access of drinking water | III (Article 6, paragraph 2 (c)) | MoHousing |
| 4. | Access to sanitation | IV (Article 6, paragraph 2 (d)) | MoHousing |
| 5. | Levels of performance of the collective systems and other water supply systems | V (Article 6, paragraph 2 (e)) | MoHousing |
| 6. | Levels of performance to be achieved by collective systems and other sanitation systems | VI (Article 6, paragraph 2 (e)) | MoHousing |
| 7. | Application of recognized good practice to the management of water supply | VII (Article 6, paragraph 2 (f)) | MoHousing |
| 8. | Application of recognized good practice to the management of sanitation | VIII (Article 6, paragraph 2 (f)) | MoHousing |
| 9. | Occurrence of discharges of untreated storm water overflows | X (Article 6, para. 2 (g) (i)) | MoEnvironment |
| 10. | Quality of discharges of waste water from waste-water treatment installations | XI (Article 6, paragraph 2 (h)) | MoEnvironment |
| 11. | Disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations | XII (Article 6, paragraph 2 (i)) | MoEnvironment MoHousing |
| 12. | Quality of waters which are used as sources for drinking water | XIV (Article 6, paragraph 2 (j)) | MoHealth |
| 13. | Quality of waters which are used for bathing | XV (Article 6, paragraph 2 (j)) | MoHealth |
| 14. | Application of recognized good practice to the management of enclosed waters generally available for bathing | XVII (Article 6, paragraph 2 (k)) | MoHealth |
| 15. | Identification and remediation of particularly contaminated sites | XVIII (Article 6, paragraph 2 (l)) | MoEnvironment |
| 16. | Effectiveness of systems for the management, development, protection and use of water resources | XIX (Article 6, paragraph 2 (m)) | MoEnvironment |
| 17. | Additional target indicators | XX | MoHealth |