

III. TARGETS AND TARGET DATES

III.1. National and local targets – measures and target dates

On the basis of Article 1 of the Protocol on Water and Health, "The objective of this Protocol is 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".

According to Article 6 paragraph 1 of the Protocol, in order to achieve the objective of this Protocol, the Parties shall pursue the aims of: (a) Access to drinking water for everyone; (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 situation in these areas of application of the Protocol on Water and Health are discussed in detail in the relevant chapters of the „BASELINE ANALYSIS“ (II.1. Insight of situation), and " for these purposes, the Parties shall each 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 against water-related disease. These targets shall be periodically revised. In doing all this, they 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. Except where national or local circumstances make them irrelevant for preventing, controlling and reducing water-related disease, the targets shall cover, inter alia" as presented in tabular and fully corresponds to Article 6, paragraph 2, of the Protocol on Water and Health.

Tabular overview contains the title of the corresponding chapter from "BASELINE ANALYSIS" (column 1), subject/thematic area under Article 6 of the Protocol (column 2), defined target (column 3), target dates (column 4), responsible ministry/institution (column 5), and the indicator for monitoring the achievement of targets (column 6).

Table 1 - National targets and target dates of the Republic of Serbia in respect of the Protocol on Water and Health (2015)

| Chapter in baseline analysis | Subject/Thematic area (article 6) | Defined target | Target dates | Responsible Ministry/Institution | Target indicator |
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| Drinking water quality | 6.2.a The quality of the drinking water supplied taking into account the guideline for drinking water quality of the World Health Organization | To adopt Rulebook on health safety of drinking water (drinking water quality), drafted and harmonized with EU Directive (98/83/EC) | 2016 | Ministry of Health | The Rulebook adopted |
| | | To improve collection of drinking water quality monitoring data through development of an electronic information system. | 2015 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs | An electronic information system developed |
| | | To improve collection of drinking water quality monitoring data in emergency situation through development of an electronic information system. | 2015 | | An electronic information system for emergency situation developed |
| | | To conduct baseline analysis of drinking water supply systems in rural areas with respect to drinking water quality and | 2016 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, | The baseline analysis conducted |

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| | sanitary surveillance. | | Ministry of construction, transportation and infrastructure | |
| | To develop plan for the improvement of microbiological and chemical quality of drinking water in rural areas | 2017 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, Local self-governments | Plan developed |
| | Public presentation of the results of the baseline analysis of drinking water supply systems in rural areas. | 2017 | | Results of the baseline analysis presented |
| | Public presentation of the plan for the improvement of microbiological and chemical quality of drinking water in rural areas | 2017 | | Plan presented to the public |
| | To raise awareness of the population in rural areas on importance of regular drinking water quality testing. | On an ongoing basis | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs | Number of campaigns, educations, workshops and evaluations |
| 6.2.b The reduction of the scale of outbreaks and incidents of water-related diseases | To increase sanitary surveillance of drinking water supply systems in rural areas | On an ongoing basis | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs | Number of conducted surveillance, % of increment |
| | To improve methodology for epidemiological investigation and assessment of water borne | 2016 | | Methodology issued |

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| | | outbreaks | | |
| | | To raise awareness of the population supplied from individual wells in rural areas on the prevention and control of water borne outbreaks | On an ongoing basis | Number of campaigns, educations, workshops and evaluations |
| Sanitary condition of water supply and sanitation | 6.2.c The area of territory or the population size or proportion 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 | To increase connections to centralized water supply systems in rural areas: A) Expending existing regional water supply systems B) Water infrastructure completion according to national plans | A. 1) 2015-2020: establishing and intensive enforcement; 2) 2021-2025: establishing and intensive enforcement; 3) 2026-2035: moderate intensity enforcement. B. 1) 2015-2020: establishing and intensive enforcement; 2021-2025: | Local self-governments, Ministry of Agriculture and Environment Protection, Water Directorate |
| | | | | % of connected population |

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| | | establishing and intensive enforcement; 2) 2026-2035: moderate intensity enforcement. | | |
| | To estimate investment required for the improvement of water supply in schools and preschools facilities, supplied from individual wells or connected to rural water supply system (SSWSS). | 2016 | Local self-governments, Ministry of education, science and technological development | Investment estimation conducted |
| 6.2.d The area of territory or the population size or proportion which should be served by collective systems of sanitation or where sanitation by other means should be improved | To estimate investment required to improve access to sanitary equipment, proper waste water disposal and regular emptying of septic tanks in schools and preschools facilities. | 2016 | Local self-governments, Ministry of education, science and technological development Local self | Investment estimation conducted |
| | To develop a plan for the improvement of sanitation in schools and preschools facilities | 2017 | | Plan for the improvement developed |

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| To improve sanitation in schools and preschools facilities. | 1) 2015-2020: establishing and intensive enforcement; | | Number of schools and preschool with improved sanitation |
| To increase % of connections to centralized sewerage systems in rural areas | 2) 2021-2025: establishing and intensive enforcement; 3) 2026-2035: moderate intensity enforcement. | Local self-governments | % of connected population to sewerage systems |
| To raise awareness of teachers, school stuffs and pupils on hygiene of the sanitation facilities in schools: - A) Review of curricula and textbooks related to the content related to water and sanitation - B) Education planning for educators, teachers and school | A,B,C, March 2016; D,E 2016 - 2017 | Ministry of education, science and technological development | Number of campaigns, educations, workshops and evaluations |

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| | | <p>administration</p> <ul style="list-style-type: none"> - C) Education planning for children, students and parents - D) Realisation of educational plans related to school staff E) Realisation of educational plans related to children and students | | | |
| 6.2.e | The level of performance to be achieved by such collective systems and by such other means of water supply and sanitation, respectively | Water supply in accordance to drinking water quality standards, the water quantity, affordability and accessibility. | On an ongoing basis | Local self-governments, Ministry of construction, transportation and infrastructure, Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, Ministry of Agriculture and Environment Protection, Water Directorate | % of compliance of drinking water quality, % of expenditures for water and sanitation in relation to household income |

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| Quality and protection of water resources | 6.2.f The application of recognised good practices to the management of water supply and sanitation, including protection of waters used as sources for drinking water | To adopt amendments on the Rulebook on defining and maintaining the sanitary protection zones of water supply source | 2016 | Ministry of Health, Ministry of Agriculture and Environment Protection, Water Directorate | Amended Rulebook adopted |
| | | To develop legislation for the implementation of Water Safety Plan in all water supply systems. | 2016 | Ministry of Health, | Legislation developed |
| | | To establish sanitary protection zones of existing water sources. | <ol style="list-style-type: none"> 1. 2015-2019: establishing and intensive enforcement; 2. 2020-2025: establishing and intensive enforcement; 3. 2026-2034: moderate intensity enforcement. | Public Water Utilities, Ministry of Health, Local self-governments, Ministry of Agriculture and Environment Protection | sanitary protection zones of existing water sources established |
| | | To improve WASH survey in schools introducing new methodology. | 2016 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs | New methodology issued |

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| | To raise awareness on adequate water supply and sanitation in schools, especially in those with individual wells. | On an ongoing basis | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, Ministry of education, science and technological development | % of schools in which education have been conducted |
| 6.2.g The occurrence of discharges of: i. Untreated waste water; and ii. Untreated storm water overflows from wastewater collection systems to waters within the scope of this Protocol | A) Revitalisation and completion of the wastewater treatment plant (WWTP) B) Construction of new WWTP by priority C) The construction of storm sewers | A. 1. 2015-2022: establishing and intensive enforcement; B 2. 2015-2045: establishing and intensive enforcement; C 3) 2015-2034: moderate intensity enforcement. | Ministry of Agriculture and Environmental Protection | % of population connected to WWTP |

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| <p>6.2.h The quality of discharges of waste water from waste-water treatment installations to waters within the scope of this Protocol</p> | <p>1) Legal entities, entrepreneurs and individuals that have waste water treatment plant and / or their wastewater discharged into the recipient or public sewers are obliged to comply with emission limit values for pollutants in water prescribed by the Regulation on emission limit values of pollutants in water and target dates for their achievement (Official Gazette of RS, no. 67/11, 48/12), Article 19th</p> <p>2) Waste water treatment plant from agglomerations of more than 2000 population equivalent (PE), which discharged municipal waste waters into the recipient to be in compliance with emission limit values of pollutants prescribed by this Regulation and in accordance with the Water Management Plan.</p> | <p>1) 31 December 2030 2) 31 December 2041 3) 6 months after adoption of the action plans for achieving the emission limit values</p> | <p>Ministry of Agriculture and Environmental Protection</p> | <p>1) 2) % compliance of waste water emission 3) Number of developed action plans</p> |
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| | <p>3) Legal entities, entrepreneurs or individuals who have waste water treatment plants that discharge waste water into the recipient or public sewers are obliged to adopt action plans for achieving the emission limit values and set target dates for reaching emission limit values of pollutants progressively, in accordance with plan for the protection of water from pollution, issued pursuant to the law on water, within six months of adoption of this Plan.</p> | | | |
| <p>6.2.i The disposal or reuse of sewage sludge from collective systems of sanitation or other sanitation installations and the quality of waste water used for irrigation purposes taking into account</p> | <p>Harmonization of the national legislation with EU Water Framework Directive.</p> | <p>2020</p> | <p>Ministry of Agriculture and Environmental Protection</p> | <p>Legislation harmonized and adopted</p> |

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| the guidelines for the safe use of waste water and excreta in agriculture and aquaculture of the World Health Organization and United Nation Environment Programme | | | | |
| 6.2.j The quality of waters which are used as sources for drinking water, which are generally used for bathing or which are used for aquaculture or for the production or harvesting of shellfish | To adopt Rulebook of bathing water quality harmonized with EU Directive 2006/7/EC. | 2016 | Ministry of Health | Rulebook adopted |
| | To improve collection of bathing water quality monitoring data through development of an electronic information system. | 2015 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, | electronic information system developed |
| | To improve collection of bathing water quality monitoring data in emergency situation through development of an electronic information system. | 2015 | | |

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| | 6.2.k The application of recognised good practices to the management of enclosed waters generally available for bathing | To develop Best practice guide in accordance with the Rulebook of bathing water quality | 2017 | Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, Local self-governments | Best practice guide developed and implemented |
| Sustainable use of water resources | 6.2.l The identification and remediation of particularly contaminated sites which adversely affect waters within the scope of this Protocol or are likely to do so and which thus threaten to give rise to water-related diseases | To identify and establish Registry of contaminated sites which adversely affect waters within the scope of this Protocol | 2017 | Ministry of Agriculture and Environmental Protection, Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs | Registry of contaminated sites established |
| | 6.2.m The effectiveness of systems for the management, development, protection and use of water resources, including the application of recognised good practice to the | To develop legislation for the implementation of Water Safety Plan in all water supply systems. | 2018 | Ministry of Health | Legislation developed |
| | | To develop Water Management Plan and Plan for the protection water resources from pollution | 2015 | Ministry of Agriculture and Environmental Protection | Plans developed |

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| | control of pollution from sources of all kinds | | | | |
| Information system of water | <p>6.2.n</p> <p>The frequency of publication of information on the quality of the drinking water supplied and of other waters relevant to the targets in this paragraph in the intervals between the publication of information under article 7 paragraph 2.</p> | <p>To create web portals on the websites of all relevant governmental bodies, institutions and local governments with respect to water and sanitation (information about the quality of delivered drinking water and other water bodies that are relevant to the objectives)</p> | 2017 | <p>Ministry of Agriculture and Environmental Protection, Ministry of Health, Institute of Public Health of Serbia with the network of regional IPHs, Ministry of construction, transportation and infrastructure, Local self-governments, Ministry of education, science and technological development, Local-self governments, Public Water Utilities, Public Water Companies, Water Directorate</p> | Information posted on the relevant web portals |

