

National Goals of the Czech Republic regarding the Protocol on Water and Health

Amended goals as of 1 October 2019

The original text of the goals and other supporting information is provided in the document: National Goals of the Czech Republic regarding the Protocol on Water and Health (Part I: Required topics to stipulate the national goals and current status of their resolution in the Czech Republic; Part II: Existing tools to improve the current status; Part III: Proposed goals) of January 2008, which is also available at <http://www.szu.cz/tema/zivotni-prostredi/protokol-o-vode-a-zdravi>. The revised goals of June 2013 are also available there. The proposed goals were supplemented by links to the sustainable development goals (SDG), including specific indicators proposed by the Czech Republic Strategic Framework 2030.

No.	Link to the Protocol (article, clause, letter)	Subject of fulfilment	Stipulated goal	Fulfilment deadline	Accountability	Goal fulfilment indicator
1.	6.2.a	<i>Quality of supplied drinking water</i>	<p>Limit the cases of failure to comply with the limit values of drinking water quality (expressed as % of non-compliance with limit values) For water mains serving over 5,000 inhabitants up to 0.1% for indicators with an MLV and up to 0.6% for indicators with an LV. For water mains serving less than 5,000 inhabitants up to 1.0% for indicators with an MLV and up to 2.0% for indicators with an LV.</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9) and 6 (6.1)</i></p>	Ongoing	MoH, MoA	% non-compliance with limit values
2.	6.2.a	<i>ditto</i>	<p>Conduct a risk assessment of indoor water mains at priority buildings pursuant to the amendment to Directive 98/83/EC for the presence of lead in drinking water and stipulate corrective measures.</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 3 (3.9)</i></p>	by 2028	MoH, RPHA, MRD	Approval of operation rules for indoor water mains at priority buildings

3.	6.2.b	<i>Limit the scope of epidemics and cases of disease related to water</i>	<p>Improve the methods of investigating and evaluating epidemics related to water (i.e. by implementing a classification system of evaluating epidemics based on the weight of evidence).</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 and 6</i></p>	31 December 2021	MoH, RPHA	Issuing of a methodical recommendation
4.	6.2.b	<i>ditto</i>	<p>Regularly (once every five years) publish an overview of identified epidemics related to water, including identified causes, etc.</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 and 6</i></p>	Regularly every 5 years	MoH	Publishing of the report
5.	6.2.c	<i>The surface area of the territory or size of the population which should be served by distribution systems for the drinking water supply, or where the improvement of the drinking water supply quality should be ensured by other means</i>	<p>Ensure that even inhabitants on the outskirts of cities, municipalities and small municipalities can connect to the water mains for public use. Given the small number of inhabitants in these areas, this measure does not substantially contribute to the total number of supplied inhabitants. Through state financial assistance, support municipalities which in accordance with the PRVKÚK extend the waterworks system to the outskirts of municipalities. The financial support must fulfil the criteria of the respective program.</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6 (6.1) and in the document CZ 2030 - specific goal 10.6, indicator 10.6.1</i></p>	Ongoing	Municipal governments. Creation of conditions to fulfil objectives: state municipal and regional administrative authorities, MoA	% of the Czech population connected to water mains for public use

6.	6.2.d, 6.2.f (also reg. 6.2.g I)	<i>Increase the surface area of the territory or size of the population which should be served by sewerage collection systems, or where the improvement of the wastewater disposal quality should be ensured by other means</i>	<p>Ensure the construction and modernisation of the water management infrastructure (wastewater treatment plants and sewerage for public use) and thus ensure the fulfilment of the requirements of Directive 91/271/EEC</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6 (6.3) and in the document CZ 2030 - specific goal 10.6, indicator 10.6.2</i></p>	Ongoing	Municipal governments. Creation of conditions to fulfil objectives: state municipal and regional administrative authorities, MoA, MoE, SEF CR	% of inhabitants connected to sewerage, % of treated wastewater, number of newly-built or reconstructed wastewater treatment plants in the reported period, fulfilment of the requirements of Directive 91/271/EEC (in particular the limit values pursuant to Annex 1, tab. 1 and tab. 2)
7.	6.2.d	<i>ditto</i>	<p>Ensure the adequate treatment of wastewater from small settlements with less than 2,000 equivalent inhabitants, where sewerage for public use exists, pursuant to Directive 91/271/EEC</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6 (6.3)</i></p>	Ongoing	Owners of the respective sewerage systems. Creation of conditions to fulfil objectives: state municipal and regional administrative authorities, MoA, MoE, SEF CR	
8.	6.2.f (also reg. 6.2.g I)	<i>Application of recognised best practice in water supply management and wastewater disposal, including the protection of water used as drinking water sources</i>	<p>Gradually reduce pollution with natural substances and cease or gradually eliminate the emission, release and leakage of priority harmful substances into the water environment.</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9) and 6 (6.1)</i></p>	31 December 2027	MoE, MoA, local governments, state municipal and regional administrative authorities	Fulfilment of the environmental quality standards for surface waters stipulated in Annex 3 A of Government Regulation No. 401/2015 Coll.

9.	6.2.f (also reg. 6.2.g I)	<i>ditto</i>	<p>Meet the requirements of directives regulating water quality for swimming and water quality for purification into drinking water and their immission standards</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9) and 6 (6.1)</i></p>	Ongoing	MoE, MoH, MoA, Povodí s. p., local governments, state municipal and regional administration authorities	The water quality meets EU directive requirements
10.	6.2.f (also reg. 6.2.g I)	<i>ditto</i>	<p>Meet the requirements of Directive 2000/60/EC establishing a framework for Community action in the field of water policy in order to achieve the good ecological status of surface waters and good quantitative and chemical status of ground water.</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9) and 6 (6.1) and in the document CZ 2030 - specific goal 14.2, indicators 14.2.1, 14.2.2 and 14.2.3</i></p>	22 December 2027	MoE, MoA, Povodí s. p., local governments, state municipal and regional administration authorities	The criteria are stipulated in the Plans for river basins
11.	6.2.g II	<i>Release of untreated torrential waters during floods</i>	<p>Support the elimination of rainwater through direct harmless infiltration or release through rain settlement tanks.</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6</i></p>	Continuous	Sewerage owners, local governments, state municipal and regional administration authorities, MoE, MoA	

12.	6.2.1	<i>Identification and cleaning of particularly polluted areas which negatively impact water within the capacity of this Protocol, or may do so, and where there is a risk of outbreaks of diseases related to water</i>	<p>Conduct a thorough inventory of contaminated locations with preliminary evaluations of potential health and environmental risks; use this evaluation for future risk analysis and evaluation of the resulting need for decontamination, combined with an economic assessment of performing such an intervention.</p> <hr/> <p><i>The stipulated goal is contained in SDGs No. 3 (3.9) and 6</i></p>	31 December 2021	MoE	National inventory of contaminated locations
13	6.2.m	<i>Efficiency of the systems for managing, developing, protecting and using water sources, including the application of known and common methods of controlling pollution of any type</i>	<p>Implement action plans to protect water from pollution with nitrates from agricultural sources, control their fulfilment and update them.</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9), 6, 12 and 15</i></p>	Ongoing	MoA	Update of action plans, implementation of AP measures, EC report
14	6.2.m	<i>ditto</i>	<p>Ensure the availability of relevant information about the application of pesticides in specific localities. Ensure an effective and thorough system of preventing the contamination of water sources with pesticides - starting with the thorough stipulation of conditions for using individual types of pesticides in terms of their ability to contaminate sources and identify the breakdown metabolites which must be monitored in drinking water. Furthermore, implement the regulated use of certain POR (or transition to less risky POR) in areas where the active substance and its residues were repeatedly detected in above-limit quantities in the water source or surface or ground water unit, and ensure sufficient information for the management</p>	31 December 2025	MoA, MoE, MoH	Availability of information about the application of pesticides, available of information about declared PZ, methodical and legislative assurance of implementing suitable preventive measures, particularly protective zones for water sources

			<p>entities about declared protective zones. Change the method of management in protective zones (PZ) (increase the share of non-food production and increase support for ecological farming).</p> <hr/> <p><i>The stipulated goal is contained in SDG Nos. 3 (3.9), 6, 12 and 15</i></p>			
15	6.5.a, 6.5.b	<i>National or local measures to coordinate competent authorities</i>	<p>Update the plans for the Elbe, Danube and Odra river basins consisting of 3 levels (Plans for partial river basins, Plans for national river basins and Plans for international river basins).</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6</i></p>	22 December 2021	MoA, MoE, Povodí s. p. in cooperation with regional authorities	Drafting of plans for the Elbe, Danube and Odra river basins consisting of 3 levels (Plans for partial river basins, Plans for national river basins and Plans for international river basins)
16	9.1.a, 10.3	<i>Increase public awareness as concerns the importance of water management and public health and their mutual relationship. The parties will ensure that the information stated in Article 7, clause 4 and clause 1 of Article 10.3 is available to the public for viewing free of charge for any reasonable period of time, and provide citizens with a copy of the required information upon payment of the stipulated fee using the appropriate equipment</i>	<p>Improve public awareness through printed materials and the website</p> <hr/> <p><i>The stipulated goal is contained in SDG No. 6</i></p>	Ongoing	MoH, MoA, MoE and their managed organisations	Regular release of publications: Report on the status of water management in the Czech Republic (Blue Paper), Czech Waterworks and Sewerage, Report on drinking water quality in the Czech Republic, Report on swimming water quality in the Czech Republic (all annually). Most of these publications are already published in electronic format on the website. Operation of the VODA water management information portal (voda.gov.cz). Current information (about swimming water and other) on the websites of the respective ministries. National Healthcare Information Portal (NZIP) of the MoH (nzip.cz)

17	9.2.a	<i>Support of understanding the aspects of their work related to public health by those who are responsible for water management, water supply and wastewater disposal</i>	Process and approve risk assessments (Water Safety Plans) for the public drinking water supply system (as part of the operation rules). <hr/> <i>The stipulated goal is contained in SDG No. 6</i>	31 December 2024	MoH, RPHA	Approval of operation rules
18	9.4.a	<i>Support of research and development of cost effective methods and techniques for the prevention, control and limitation of incidence of water-related diseases</i>	Support of research and development in the area of improving water quality. <hr/> <i>The stipulated goal is contained in SDG No. 6</i>	Ongoing	MoA, MoE, MoH, MEYS	
19	9.4.a	<i>ditto</i>	Support sector research of the economic connections in the efficiency of water supply and wastewater treatment. <hr/> <i>The stipulated goal is contained in SDG No. 6</i>	Ongoing	MoA	Annual publication by Czech Waterworks and Sewerage

LIST OF ABBREVIATIONS

CZ 2030 – Czech Republic Strategic Framework 2030

EEC - European Economic Community

EC - European Community

EU - European Union

RPHA - Regional public health authority

LV - Limit value

MRD - Ministry of Regional Development

MEYS - Ministry of Education, Youth, and Sports

MoH - Ministry of Health

MoA - Ministry of Agriculture

MoE - Ministry of Environment

MLV - Maximum limit value

PRVKÚK – Plan for Development of Waterworks and Sewerage in the Regions

SDGs – Sustainable development goals (part of the document “Transforming our World: The 2030 Agenda for Sustainable Development”)

SEF CR - State Environmental Fund

NIPH - National Institute of Public Health