



Development of Action Plans for the Provision of Equitable Access to Water Supply and Sanitation in the former Yugoslav Republic of Macedonia

Country Report

Background

Access to drinking water and sanitation which are available, accessible, affordable, acceptable and safe are human rights which derives from the right to an adequate standard of living and the right to health, enshrined in the International Covenant on Economic, Social and Cultural Rights. Three critical factors¹ in ensuring equitable access to water and sanitation are: reducing geographical disparities; overcoming the barriers faced by vulnerable and marginalized groups; and addressing affordability concerns.

The former Yugoslav Republic of Macedonia, while still being in the process of accession to the UNECE²-WHO/Europe³ Protocol on Water and Health, has been actively involved in the work carried out under its framework. With regards to equitable access to water and sanitation, the three districts of Skopje, Veles and Kumanovo carried out a self-assessment of the situation of equitable access to water and sanitation in 2015-2016⁴ by applying the *Equitable Access Score-card*⁵, an analytic tool developed under the framework of the Protocol on Water and Health. Such assessment highlighted a number of challenges to ensuring equitable access to water and sanitation, in particular geographical disparities and obstacles faced by vulnerable and marginalized groups in access to water and sanitation services. The activities were led by the National Institute of Public Health and the non-governmental organization (NGO) Journalists for Human Rights, with support from UNECE.

¹ As identified in the publication *No One Left Behind: good practices to ensure equitable access to water and sanitation*, available at: <http://www.unece.org/index.php?id=29170>

² United Nations Economic Commission for Europe

³ World Health Organization – Regional Office for Europe

⁴ *Report Achieving the human right to water and sanitation: an assessment of the situation of equitable access to water and sanitation in the former Yugoslav Republic of Macedonia* available at:

[http://www.unece.org/fileadmin/DAM/env/documents/2017/WAT/12Dec_04-](http://www.unece.org/fileadmin/DAM/env/documents/2017/WAT/12Dec_04-05_Skopje/PDF_ACHIEVING_THE_HUMAN_RIGHT_TO_WATER_AND_SANITATION__1_.pdf)

[05_Skopje/PDF_ACHIEVING_THE_HUMAN_RIGHT_TO_WATER_AND_SANITATION__1_.pdf](http://www.unece.org/fileadmin/DAM/env/documents/2017/WAT/12Dec_04-05_Skopje/PDF_ACHIEVING_THE_HUMAN_RIGHT_TO_WATER_AND_SANITATION__1_.pdf)

⁵ The publication *The Equitable Access Score-card: a tool to achieve the human right to water and sanitation*, is available at; <http://www.unece.org/index.php?id=34032>

After the *Equitable Access Score-Card* Assessment, the leading organizations announced their intention to develop three local action plans to ensure equitable access to water supply and sanitation, to be approved by the local governments of Skopje, Veles and Kumanovo, covering a total of 708,238 inhabitants (33.82 percent of the national population – according to Census 2002). While one local action plan was developed for each of the cities of Skopje and Veles, the local action plan for Kumanovo district included separate sections for five different municipalities.

Objective of the *Local Equitable Access Action Plans*

The aim of the local action plans for the districts of Skopje, Veles and Kumanovo is to define a list of targets and related actions/measures/activities directed at ensuring the provision of equitable access to water and sanitation, as well as to identify responsible authorities for their implementation, time frame, and the necessary financial resources for the implementation of the agreed actions, and the indicators to track progress.

The *Local Action Plans* refer to national legislation, programmes and frameworks for action linked to water, sanitation, hygiene, health and equity.

The expected impacts from the *Local Equitable Access Action Plans* implementation are as follows:

- Improvement of equitable access to water and sanitation management, including informing possible action at national level;
- Reduction of geographic disparities in ensuring equitable access to water and sanitation within the different municipalities;
- Provision of equitable access to water and sanitation for marginalized and vulnerable groups.

The development of the *Local Action Plans* builds on the findings of the previous self-assessment of the situation of equitable access to water and sanitation in the three above-mentioned districts of the former Yugoslav Republic of Macedonia.

Methodology for the development of the *Local Equitable Access Action Plans*

The development of the *Local Equitable Access Action Plans* builds on the dynamics created during the previous stage of score-card assessments. The *Local Equitable Access Action Plans* were drafted by Local Steering Committees consisting of representatives of the local government, water and sanitation operators, local food safety offices and centers for public health, local NGOs.

In order to prepare the *Local Equitable Access Action Plans*, meetings of the Local Steering Committees were convened on 1 February 2017 (Veles), 7 February 2017 (Kumanovo) and 10 February 2017 (Skopje), where the results of the score card assessments were presented. Subsequently, the *Local Actions Plans* were drafted and shared with the leading organizations for technical feedback in February and March 2017. On 3 April (Veles), 4 April (Skopje) and 5 April 2017 (Kumanovo), meetings of the Local Steering Committees were reconvened to incorporate the feedback, where appropriate, and to finalize the *Local Actions Plans*.

On 30 November 2017, an inaugural session of the National Steering Committee with representatives of the National Institute of Public Health, the Ministry of Environment and

Physical Planning, the Ministry of Local Self-Government, RADAR, the Ministry of Foreign Affairs, the Government Secretariat, the Ministry of Agriculture, Forestry and Water Economy, Journalists for Human Rights, and the mayors of Skopje, Veles and Kumanovo, was established. The National Steering Committee shall foster the formal adoption of the Local Action Plans and ensure that the experiences from local action planning informs equitable action planning efforts at the national level.

The *Local Equitable Access Action Plans* and future perspectives were then thoroughly discussed at the *National conference for the presentation of Local Action Plans for equitable access to water and sanitation in former Yugoslav Republic of Macedonia* National held 4-5 December 2017 in Skopje⁶. The workshop made it possible to discuss steps towards accession to the Protocol on Water and Health in order to ensure sustainable action regarding equitable access to water and sanitation. The workshop was accompanied by intensive press work, including a press trip preceding the workshop, as well as press conferences.

Priorities of the Local Equitable Access Action Plans

The local equitable action plans highlight the importance for strengthening municipal policies on access to water and sanitation, including the need for increasing public funding from the municipal budget intended to improve access to water and sanitation. They also emphasize the need to reduce geographical disparities in access to water and sanitation, especially regarding urban-rural disparities that have been found within and between the studied districts. This includes actions aiming at increasing the rate of access to hygienic/centralized sanitation in rural areas and at improving drinking water quality (in particular for local water supply systems) and the monitoring of water quality. Another priority area identified was the water and sanitation needs for marginalized groups, in particular regarding households that do not have access to water and sanitation as well as shortcomings of water, sanitation and hygiene infrastructure in educational facilities as well as for people with disabilities. An overview of *the Local Equitable Access Action Plans* is provided in the annex.

Acknowledgements

The project entitled “Development of an equitable access action plan in the former Yugoslav Republic of Macedonia” was jointly implemented by the National Institute of Public Health and the NGO Journalists for Human rights within support from UNECE through the United Nations Development Account Project “Strengthening Governments’ and water operators’ capacity to ensure equity of access to water and sanitation in countries with economies in transition in the Economic Commission for Europe region”.

⁶ More information on the meeting at: <http://www.unece.org/index.php?id=47381>

ANNEX

DRAFT LOCAL EQUITABLE ACCESS ACTION PLANS TO ENSURE EQUITABLE ACCESS TO WATER AND SANITATION

Local Equitable Access Action Plan for Skopje

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 98.3% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy for water (Official Gazette 122/12), Law on Waters, Law on Local Self-Government, LEAP2	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	City of Skopje, CPH Skopje	municipal budget	Developed program passed by the municipal council (planned adoption after the local election – October 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government, LEAP2	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	City of Skopje,	municipal budget	Decision published in the Official Gazette of the Municipality of Skopje

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health, LEAP2	Campaigns for public awareness and media campaign	short-term (0-6 months)	Public Health Council, CPH Skopje, NGO and media	municipal budget, national budget, donations	Number of held discussions, number of participants, number of article edit in media
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	mid-term (6 months - 2 years)	NGO, CPH, municipality, Centre for Development of Skopje plan region	City of Skopje. Skopje's plan region, donations	Number of meetings held in settlements without sanitation
				Construction of ecosan toilets in rural area	long-term (2-5 years)	municipality	municipality, local communities, donations (Japan embassy fund, SAICM, OPEC fund)

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
	Increasing the rate of access to a centralized sanitation system in rural area	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems in rural area	mid-term (6m-2y)	MOEPP, PCE, municipality, MTC, Center for Development of Skopje plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage systems with treatment plants in rural area	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of Skopje plan region	municipal budget, national budget, donations (IPARD)	number and kilometers of constructed sewage systems
	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health, LEAP 2	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of Environment

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
	Increasing the rate of access to hygienic sanitation in urban areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of mobile public toilets in urban area as taxi station, bus station and	mid-term (6 months - 2 years)	city of Skopje, CPH, IPH, Centre for Development of Skopje plan region, NGO	City of Skopje. Skopje's plan region, donations	Number of set up toilets in public places
	Improved secure infrastructure for public water supply	Plan of Programs for development of Municipality of Skopje	Construction of new water supply, replacement of old water pipes	long-term (2-10 years)	municipality, PCE, MOEPP, MTC, Center for Development of Skopje plan region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water
	Improving water quality of local water supply systems	Law on Waters, Regulations for Water Safety, LEAP2	Provision of protection zones around water intakes for public water supply	continuously	municipality, FVA, PCE, MH	municipal funds and funds from local communities, citizens	Number of protected sources for public water supply

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
			Delegating and education / training of individuals for more informed maintenance of water supply systems in rural areas till undertaking systems from PCE	mid-term (6m-2y)	MH, IPH, CPH Skopje, PCE	municipality, local communities, funds for rural development, donations (TAEX, IPA2)	Number of trained persons
		Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	Municipality FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation
			Training of persons that will maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	mid-term (6 months-2 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	mid -term (6 months-2 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene
	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in religious objects	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in religious facilities in Skopje that have their own water supply	short-term (0-6 months)	Municipality FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of religious object with improved access to safe drinking water and sanitation
			Provision of religious facilities with toilets that would allow unfettered access for people with disabilities	mid -term (6 months-2 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of religious facilities with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
	Providing universal access to safe drinking water and sanitation to people with disabilities	Construction Law (Official Gazette no.130/9)	Developing a Local Action Plan for people with disabilities in the municipality	short-term (0-6 months)	Municipality, MOEPP, MTC, MLSP, SSHI, competent inspection services	municipal budget	Developed LAPPD

Local Equitable Access Action Plan for Veles

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 1. Strengthening public policy in the community to improve access to water and sanitation	Increased access to drinking water from 98.6% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with activity dynamics	long-term (2 years)	municipality and CPH Veles	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government, Development Plan for the reconstruction of water and sewage lines in the territory of the Municipality of Veles (2017- 2020)	Implementation of the Development Plan for the reconstruction of water and sewage lines in the territory of the Municipality of Veles (2017-2020)	mid-term (1 year)	municipality	municipal budget	Development Plan 2017-2020 adopted by the Municipal Council with the municipal Act

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Veles, NGO	municipal budget, national budget, donations	Number of held public discussion, number of participants
	Increasing the rate of access to a centralized sanitation system in rural areas	Law on Local Self-Government, Action Plan for Health and Environment 2015-2020, Development Plan for the reconstruction of water and sewage lines in the territory of the Municipality of Veles (2017-2020)	Preparation of investment and technical documentation for drainage and treatment of communal wastewaters	mid-term (6m-2y)	MOEPP, PCC, municipality, MTC, Regional Centre for Vardar plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage lines with treatment plants	long-term (2-10 years)	MOEPP, PCC, municipality, MTC, Regional Centre for Vardar plan region	municipal budget, national budget, donations	number and kilometers of sewage lines built with PVC

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
	Treatment of communal wastewaters in urban and rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020), Development Plan for the reconstruction of water and sewage lines in the territory of the Municipality of Veles (2017-2020)	Preparation of investment and technical documentation for drainage and treatment of communal wastewaters	mid-term (6m-2y)	MOEPP, PCC, municipality, MTV, Regional Centre for Vardar plan region	municipal budget, national budget, donations	Number of documents produced
			Construction of wastewater treatment plants for municipal wastewater Undertaking sewage systems in rural areas by PUC	long-term (2-10 years)	MOEPP, PCC, municipality, MTV, Regional Centre for Vardar plan region	municipal budget, national budget, donations	Number of wastewater treatment plants in operation, number of sewage lines undertaken for management by PCE
	Improving monitoring of the safety of drinking water	Law on Public Health, Public Health Programme	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE Derven, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
							Environment
	Improved secure infrastructure for public water supply	Development plan for the reconstruction of water and sewage lines in the territory of the Municipality of Veles (2017-2020)	Construction of new water supply, replacement of asbestos cement pipes with pipes safe for health	long-term (2-10 years)	Municipality, PCE Derven, MOEPP, MTC, Regional Centre for Development of Vardar region	municipal budget, national budget, donations	Kilometers of newly built water supply, Replaced pipes in meters, Decreased % on the loss of of tap water
	Improving the quality of drinking water from the local water supply systems	Law on Waters, Regulations for Safety of Drinking Water	Providing protection zones around water intakes for public water supply	continuously	Municipality FVA, PCE, MH	municipal funds and funds from local communities, citizens	Number of protected springs for public water supply

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Delegating and education / training of individuals for more specialized maintenance of water supply systems in rural areas till systems are undertaken by PCE	mid-term (6m-2y)	MH,IPH, CPH Veles, PCE	municipality, local communities, funds for rural development	Number of trained persons
		Action Plan on Environment and Health (2015-2020) Law on Local Self-Government	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health 2015-2020, Annual program of the Municipality on health care	Introduction of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	municipality, FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Training of persons to maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Providing school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-10 years)	MH / State Sanitary and Health Inspectorate, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-10 years)	MH / State Sanitary and Health Inspectorate, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
	Providing universal access to safe drinking water and sanitation to people with disabilities	Construction Law (Official Gazette no.130/9), Local Action Plan for people with disabilities in Municipality of Veles 2016-2020 (LAPPD)	Adaptation of access to public buildings in Municipality of Veles by constructing access ramps	mid-term (6m-2y)	Municipality, MLSP, competent inspection services	municipal budget, national budget, donations, business sector, private participation of institutions	Number of adapted public buildings, number of applications filed to public institutions to provide accessibility

Local Equitable Access Action Plan for Kumanovo

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 93.4% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy for water (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	municipality, CPH Kumanovo	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	municipality	municipal budget	Decision published in the Official Gazette of the Municipality of Kumanovo

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Kumanovo, NGO	municipal budget, national budget, donations	Number of held discussions, number of participants
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	short-term (0-6 months)	NGO, CPH, municipality, Centre for Development of Northeastern plan region	municipality, local communities	Number of meetings held in settlements without sanitation
			Construction of ecosan toilets in rural area	long-term (2-5 years)	municipality	municipality, local communities, donations	Number of constructed ecosan toilets

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
	Increasing the rate of access to a centralized sanitation system in rural area	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems in rural area	mid-term (6m-2y)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage systems with treatment plants in rural area	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems
	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
							of Environment
	Improved secure infrastructure for public water supply	Plan of Programs for development of Municipality of Kumanovo	Construction of new water supply, replacement of old water pipes	long-term (2-10 years)	municipality, PCE, MOEPP, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water
	Improving water quality of local water supply systems	Law on Waters, Regulations for Water Safety	Provision of protection zones around water intakes for public water supply	continuously	municipality, FVA, PCE, MH	municipal funds and funds from local communities, citizens	Number of protected sources for public water supply

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Delegating and education / training of individuals for more informed maintenance of water supply systems in rural areas till undertaking systems from PCE	mid-term (6m-2y)	MH, IPH, CPH Kumanovo, PCE	municipality, local communities, funds for rural development	Number of trained persons
		Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	Municipality FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation
			Training of persons that will maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene
	Providing universal access to safe drinking water and sanitation to people with disabilities	Construction Law (Official Gazette no.130/9)	Developing a Local Action Plan for people with disabilities in the municipality	short-term (0-6 months)	Municipality, MOEPP, MTC, MLSP, SSHI, competent inspection services	municipal budget	Developed LAPPD

Local Equitable Access Action Plan for Rankovce (Kumanovo district)

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 83.6% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	municipality, CPH Kumanovo	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	municipality	municipal budget	Adopted decision

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Kumanovo, NGO	municipal budget, national budget, donations	Number of held discussions, number of participants
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	short-term (0-6 months)	NGO, CPH, municipality, Centre for Development of Northeastern plan region	municipality, local communities	Number of meetings held in settlements without sanitation
			Construction of ecosan toilets	long-term (2-5 years)	municipality	municipality, local communities, donations	Number of constructed ecosan toilets

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
	Increasing the rate of access to a centralized sanitation system	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems	mid-term (6m-2y)	MOEPP, PCE, Ministry of Health, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage systems with treatment plants in rural areas	long-term (2-5 years)	MOEPP, PCE, MH, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems
	Increasing the rate of access to wastewater treatment	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Putting into operation of water treatment plant in the village Ginovci	mid-term (6m-2y)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	wastewater treatment plant in function

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Construction of a water treatment plant in Rankovci	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	wastewater treatment plant in function
	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of Environment
	Improved secure infrastructure for public water supply	Programs for development of the Municipality	Construction of new water supply, replacement of old water pipes	mid-term (6m-2y)	Municipality, PCC, MOEPP, MTC, Regional Center for Rural Development of Northeastern Region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
	Improving water quality of local water supply systems	Law on Waters, Regulations for Water Safety	Provision of protection zones around water intakes	continuously	municipality, FVA, PCE, MH	municipal funds and funds from MH / citizens	Number of protected water supply sources
			Delegating and education / training of individuals for more informed maintenance of water supply systems in rural areas till undertaking systems from PCE	mid-term (6m-2y)	MH, IPH, CPH Kumanovo, PCE	municipality, local communities, funds for rural development	Number of trained persons
		Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	Municipality, FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation
			Training of persons that maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-5 years)	Provision of school toilets that offer the opportunity to maintain menstrual hygiene	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene
	Providing universal access to safe drinking water and sanitation to people with disabilities	Construction Law (Official Gazette no.130/9)	Developing a Local Action Plan for people with disabilities in the municipality	short-term (0-6 months)	Municipality, MOEPP, MTC, MLSP, SSHI, competent inspection services	municipal budget, donations	Developed LAPPD

Local Equitable Access Action Plan for Kratovo (Kumanovo district)

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 92.6% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	municipality, CPH Kumanovo	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	municipality	municipal budget	Adopted decision

Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Kumanovo, NGO	municipal budget, national budget, donations	Number of held discussions, number of participants
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	short-term (0-6 months)	NGO, CPH, municipality, Centre for Development of Northeastern plan region	municipality, local communities	Number of meetings held in settlements without sanitation
			Construction of ecosan toilets	long-term (2-5 years)	municipality	municipality, local communities, donations	Number of constructed ecosan toilets

	Increasing the rate of access to a centralized sanitation system in rural area	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems in rural area	mid-term (6m-2y)	MOEPP, PCE, Ministry of Health, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
	Construction of small sewage systems with treatment plants in rural areas		long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems	
	Increasing the rate of access to wastewater treatment		Construction of treatment plants for communal wastewater	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems

	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of Environment
	Improved secure infrastructure for public water supply	Programs for development of the Municipality	Construction of new water supply, replacement of old water pipes	long-term (2-10 years)	Municipality, PCC, MOEPP, MTC, Center for Rural Development of Northeastern Region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water
	Improving the quality of water from the regional water supply system- Prikovci	Law on Waters, Regulations for Water Safety, Programs for Development of the Municipality of Kratovo	Providing continuous water disinfection	short-term (0-6 months)	Municipality, FVA, PCE, MH	PCE, municipality	Decreased % of non-compliance with the bacteriological standards for drinking water

Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	Municipality, FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation
			Training of persons that will maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene

Local Equitable Access Action Plan for Kriva Palanka (Kumanovo district)

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 97.2% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	municipality, CPH Kumanovo	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	municipality	municipal budget	Adopted decision

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Kumanovo, NGO	municipal budget, national budget, donations	Number of held discussions, number of participants
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	short-term (0-6 months)	NGO, CPH, municipality, Centre for Development of Northeastern plan region	municipality, local communities	Number of meetings held in settlements without sanitation
			Construction of ecosan toilets	long-term (2-5 years)	municipality	municipality, local communities, donations	Number of constructed ecosan toilets

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
	Increasing the rate of access to a centralized sanitation system in rural area	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems in rural area	mid-term (6m-2y)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage systems with treatment plants in rural areas	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems
	Increasing the rate of access to wastewater treatment	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Construction of treatment plants for communal wastewater	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of Environment
	Improved secure infrastructure for public water supply	Programs for development of the Municipality	Construction of new water supply, replacement of old water pipes	long-term (2-10 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water
	Improving drinking water quality of local water supply systems	Law on Waters, Regulations for Safety of Drinking Water	Providing protection zones around water intakes for public water supply	continuously	municipality, FVA, PCE, MH	municipal funds and funds from local communities, citizens	Number of protected springs for public water supply

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
			Delegating and education / training of individuals for more informed maintenance of water supply systems in rural areas till undertaking systems from PCE	mid-term (6m-2y)	MH, IPH, CPH Kumanovo, PCE	municipality, local communities, funds for rural development	Number of trained persons
		Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementatio n of systems for disinfection of drinking water in school facilities in rural areas that have their own water supply	short-term (0-6 months)	Municipality FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation
			Training of persons that will maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC,PCE etc.)	(municipal budget, national budget, donations)	
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene
	Providing universal access to safe drinking water and sanitation for all	Decision of the Council of Kriva Palanka municipality	Installing water meters to regulate water consumption among the Roma population exempt from payment of water	short-term (0-6 months)	municipality, PCE	municipal budget	Number of installed water meters

Local Equitable Access Action Plan for Staro Nagoricino (Kumanovo district)

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
Target 1. Strengthening public policy in the municipality to improve access to water and sanitation	Increased access to drinking water from 69.6% to 100% and hygienic sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Waters, Law on Local Self-Government	Development of Program for priority geographical areas to improve access to water and sanitation with the dynamics of activities	mid-term (6m-2y)	municipality, CPH Kumanovo	municipal budget	Developed program passed by the municipal council (planned adoption at the end of 2017)
	Increasing public funding from the municipal budget intended to improve access to water and sanitation	Strategic Framework for Health and Environment (2015-2020), Strategy on Waters (Official Gazette 122/12), Law on Local Self-Government	Decision on the amount of funds annually in the municipality intended to improve access to water and sanitation	mid-term (1 year)	municipality	municipal budget	Adopted decision

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid- term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
Target 2. Reducing geographical disparities between urban and rural areas in access to water and sanitation	Raising public awareness on the impact of the environment on health	Action Plan on Environment and Health (2015-2020), Law on Public Health	Campaigns	short-term (0-6 months)	Public Health Council, CPH Kumanovo, NGO	municipal budget, national budget, donations	Number of held discussions, number of participants
	Increasing the rate of access to hygienic sanitation in rural areas	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Promotion of ecosan toilets in rural areas where a centralized system of wastewater disposal has financially and technically difficult feasibility	short-term (0-6 months)	NGO, CPH, municipality, Centre for Development of Northeastern plan region	municipality, local communities	Number of meetings held in settlements without sanitation
			Construction of ecosan toilets	long-term (2-5 years)	municipality	municipality, local communities, donations	Number of constructed ecosan toilets

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
	Increasing the rate of access to a centralized sanitation system in rural area	Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Preparation of investment and technical documentation for small sewage systems in rural area	mid-term (6m-2y)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations, civil sector	Number of documents produced
			Construction of small sewage systems with treatment plants in rural areas	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems
	Increasing the rate of access to wastewater treatment		Implementation of the project for sewerage with treatment plant	long-term (2-5 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	number and kilometers of constructed sewage systems

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid- term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
	Improving monitoring of safety of drinking water	Law on Public Health, Program for Public Health	Constant monitoring of the safety of drinking water in urban and rural areas	continuously	Municipality, PCE, FVA, MH, PHI / CPH, MOEPP	municipal budget, national budget	Reports with draft measures to the Municipality Council, Council for Public Health and the Department of Environment
	Improved secure infrastructure for public water supply	Programs for development of the Municipality	Construction of new water supply, replacement of old water pipes	long-term (2-10 years)	MOEPP, PCE, municipality, MTC, Center for Development of North-Eastern plan region	municipal budget, national budget, donations	Kilometers of newly built water supply systems, replaced pipes in meters, decreased % on the loss of tap water
	Improving drinking water quality of local water supply systems	Law on Waters, Regulations for Safety of Drinking Water	Providing protection zones around water intakes for public water supply	continuously	municipality, FVA, PCE, MH	municipal funds and funds from local communities, citizens	Number of protected springs for public water supply

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
			Delegating and education / training of individuals for more informed maintenance of water supply systems in rural areas till undertaking systems from PCE	mid-term (6m-2y)	MH, IPH, CPH Kumanovo, PCE	municipality, local communities, funds for rural development	Number of trained persons
		Law on Local Self-Government, Action Plan for Health and Environment (2015-2020)	Undertaking management of local water supply systems by PCE	long-term (2-5 years)	municipality, local communities, PCE	municipality, local communities, PCE	Decreased % of non-compliance with the bacteriological standards for drinking water
Target 3. Providing access for vulnerable and marginalized groups	Providing universal access to safe drinking water, sanitation and promoting basic hygiene in school environment	WASH (water, sanitation and hygiene) program, Action Plan on Environment and Health (2015-2020), Annual program of the Municipality on health care	Implementation of systems for disinfection of drinking water in school facilities in rural areas that have their own water	short-term (0-6 months)	Municipality FVA, MH, PHI / CPH, MES	municipal budget, national budget, donations	Number / % of schools with improved access to safe drinking water and sanitation

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution (municipality, government, PHC, PCE etc.)	Necessary resources (municipal budget, national budget, donations)	Indicators to track
			supply				
			Training of persons that will maintain the system for disinfection of drinking water	short-term (0-6 months)	PCE	municipal budget, national budget, donations	Decreased % of non-compliance with the bacteriological standards for drinking water
			Provision of school premises and toilets that would allow unfettered access for people with disabilities	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets offering adapted access for people with disabilities

Targets	Specific targets	Strategy/Law/Plan/Program	Actions	Time frame (short-term 0-6m, mid-term 6m-2y, long-term 2y-5y)	Responsible institution	Necessary resources	Indicators to track
					(municipality, government, PHC, PCE etc.)	(municipal budget, national budget, donations)	
			Provision of school toilets that offer the opportunity to maintain menstrual hygiene	long-term (2-5 years)	MH/SSHI, MLSP, MES, municipality, MTC	municipal budget, national budget, donations	Number / % of schools with toilets that allow maintenance of menstrual hygiene
	Providing universal access to safe drinking water and sanitation to people with disabilities	Construction Law (Official Gazette no.130/9)	Developing a Local Action Plan for people with disabilities in the municipality of Kumanovo	short-term (0-6 months)	Municipality, MOEPP, MTC, MLSP, SSHI, competent inspection services	municipal budget	Developed LAPPD