

Annex I - Action Plan

Goal:	Improvement of ambient air quality in the Tbilisi Agglomeration				Link to SDGs:	11.6.2, 3.9.1, 3.9.4
Impact Indicator 1.1:	The number of monitoring points in the Tbilisi agglomeration, where the average annual concentration of PM _{2.5} and PM ₁₀ exceeds the limit value		Baseline	Target	Source of Verification:	
		Year	2022	2026		
		Value	1	0		
Impact Indicator 1.2:	The number of indicative monitoring points in the Tbilisi agglomeration, where the average annual concentration of NO ₂ exceeds the limit value		Baseline	Target	Ambient air quality portal - air.gov.ge Ambient Air Yearbook	
		Year	2023	2026		
		Value	14	12		
Impact Indicator 1.3:	The number of monitoring points in the Tbilisi agglomeration, where the average concentration of SO ₂ , CO, O ₃ , Pb, Cd, As, Ni, C ₆ H ₆ and C ₂₀ H ₁₂ exceeds the limit value		Baseline	Target		
		Year	2022	2026		
		Value	0	0		
Objective 1.1:	Reduction of ambient air pollution with solid particles in the Tbilisi agglomeration					
Outcome Indicator 1.1.1:	Amount of fine particulate matter released into the ambient air in the Tbilisi Agglomeration		Baseline	Target	Source of Verification:	
		Year	2021	2026		
		Value	PM ₁₀ – 4,530 tons PM _{2.5} – 650 tons TSP – 14,500 tons	PM ₁₀ – 4,000 tons PM _{2.5} – 600 tons TSP – 12,000 tons		
Risk:	Incomplete information about industrial/commercial activities; Failure of industrial facilities to comply with the requirements of the air protection legislation; Difficulties in retrofitting the installations to introduce cleaner technologies; insufficient administrative resources of executive and supervisory agencies; non-fulfillment of established requirements by construction companies; Competing interests in the use of open spaces.					

Activity		Output Indicator		Source of Verification	Responsible Agency	Partner Institution	Deadline	Budget [€]	Source of Financing				
									State Budget		Other		Gap [€]
									Amount [€]	Code	Amount [€]	Organisation	
1.1.1	Increasing the number of inspections of industrial facilities in the Tbilisi agglomeration	1.1.1.1	At least 200 inspections per year in the Tbilisi Agglomeration	Official website of the Environmental Supervision Department https://des.gov.ge/Ge/Inspections	Environmental Supervision Department		IV quart. of 2026	Administrative costs					
1.1.2	Wet cleaning of Tbilisi streets using modern methods	1.1.2.1	Regularly watered and wet cleaned at least 100 streets with an area of 780 thousand m ²	Annual report of Tbilisi Municipality City Hall	Tbiliservicegroup LLC	Tbilisi Municipality City Hall	IV quart. of 2026	9,031,281	791,061	10 46	4,394,784	EBRD	3,845,436
		1.1.2.2	Regularly cleaned with a mechanical broom (sweeper) at least 35 streets with an area of 500 thousand m ²										
		1.1.2.3	Purchased at least 15 road sweepers										
1.1.3	Improving existing regulations to reduce dust emissions caused by construction and demolition	1.1.3.1	Approved amendments to the Resolution #361 of the Government of Georgia of May 27, 2014 "On the Approval of Technical Regulations on Construction Safety" ¹	Legislative Herald of Georgia matsne.gov.ge	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Ministry of Economy and Sustainable Development	IV quart. of 2025	Administrative costs					
1.1.4	Improving enforcement of regulations on prevention of dust emissions during construction and demolition in Tbilisi	1.1.4.1	Annual inspection plan	Annual report of Municipal Inspection of Tbilisi Municipality City Hall	Municipal inspection of Tbilisi Municipality City Hall		IV quart. of 2026	Administrative costs					
		1.1.4.2	At least 500 inspections per year, including at least 100 unplanned inspections										
1.1.5	Improving the enforcement of regulations on the	1.1.5.1	Annual inspection plan	Annual report of Tbilisi Municipality City Hall	Municipal inspection of Tbilisi		IV quart. of 2026	Administrative costs					

¹ E.g., see IAQM Guidance on the assessment of dust from demolition and construction

	placement, transportation and sale of dusty construction materials in Tbilisi	1.1.5.2	At least 70 inspections per year of disposal and sale points of dusty materials		Municipality City Hall								
1.1.6	Rehabilitation of open ground spaces with greening or other means to reduce the dispersion of dust particles	1.1.6.1	45,000 trees and 375,00 shrubs have been planted and an area of 90 ha has been greened	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall/EPS		IV quart. of 2026	39,000,000	39,000,000	03 01			
Objective 1.2:		Reduction of nitrogen dioxide (NO ₂) emissions in the Tbilisi agglomeration											
Outcome Indicator 1.2.1:		Annual amount of nitrogen oxides (NOx) emissions from road transport in Tbilisi agglomeration weighted by the number of vehicles				Baseline	Target	Source of Verification:					
					Year	2021	2025	inventory report of harmful substances released into the ambient air; Website of the Ministry of Internal Affairs (information on the registered automobiles).					
					Value	NOx – 5 kg/unit	NOx – 4.8 kg/unit						
Risk:		Delays in implementation of the SUMP, problems with behavior change, lack of enforcement due to lack of resources											
Activity		Output Indicator		Source of Verification	Responsible Agency	Partner Institution	Deadline	Budget [ლ]	Source of Financing				
									State Budget		Other		Gap [ლ]
									Amount [ლ]	Code	Amount [ლ]	Organisation	
1.2.1	Improvement of road monitoring tools in order to reduce the harmful practice of bypassing mandatory periodic technical inspection of vehicles	1.2.1.1	Additional 10 state license plate recognition devices – “smart cameras” has been installed in Tbilisi	Annual report of the Public Safety Command Center (112) of the Ministry of Internal Affairs	Public Safety Command Center (112) of the Ministry of Internal Affairs	Ministry of Economy and Sustainable Development	IV quart. of 2026	50,000	50,000	30 08			
1.2.2	Introduction of mandatory technical inspection of the vehicles found defective through vehicle emission control on the roads	1.2.2.1	Relevant draft amendments to the Code of Administrative Offenses of Georgia have been submitted to the Parliament of Georgia	Website of the Parliament of Georgia - Parliament.ge	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Ministry of Economy and Sustainable Development Environmental Supervision Department	IV quart. of 2025	Administrative costs					

1.2.3	Increasing the intensity of vehicle emission control on the roads in Tbilisi	1.2.3.1	There are at least 2 additional crews equipped with field measuring devices for car emissions measurement in Tbilisi	Annual report of the Environmental Supervision Department	Environmental Supervision Department		IV quart. of 2024	375,000	375,000	31 07			
1.2.4	Installation of remote devices measuring car emissions on the roadside in Tbilisi	1.2.4.1	At least 3 devices installed	Annual report of the Ministry of Environment Protection and Agriculture	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Ministry of Internal Affairs Land Transport Agency Environmental Supervision Department	IV quart. of 2026	30,000					30,000
1.2.5	Expanding the design of the intelligent traffic light system to consider the actual air quality condition in Tbilisi	1.2.5.1	A module to take into account the actual air condition is integrated into the intelligent traffic light system in the planning process	Annual report of Tbilisi Municipality City Hall air.gov.ge	Tbilisi Municipality City Hall, TUDA	National Environmental Agency, LEPL	IV quart. of 2026	804,120			804,120	German Development Bank (KfW)	
		1.2.5.2	At least 15 stations for monitoring the concentration of nitrogen oxides are installed and integrated in the system										
1.2.6	Identifying ways to reduce the harmful practice of catalytic converter removal	1.2.6.1	Report on ways to reduce the harmful practice of catalytic converter removal prepared	Published report	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Ministry of Internal Affairs Ministry of Economy and Sustainable Development	IV quart. of 2025	60,000					60,000
1.2.7	Analysis of the effects of the tax reform implemented in 2017 to encourage the import of cleaner and newer cars	1.2.7.1	Relevant report prepared and published	EU technical assistance project report	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Ministry of Internal Affairs Ministry of Economy and Sustainable Development	IV quart. of 2026	104,536			104,536	EU	

						Ministry of Finances							
1.2.8	Development of modern street and road infrastructure design standards for Tbilisi	1.2.8.1	Draft resolution submitted to Tbilisi Municipality Council on approval of street and road infrastructure design standards	Annual report of Tbilisi Municipality City Hall	Annual report of Tbilisi Municipality City Hall, TUDA		IV quart. of 2026	Administrative Costs					
1.2.9	A feasibility study on the technical and economic potential for developing regional rail transport connecting Tbilisi with neighboring cities (Mtskheta, Rustavi, Gardabani).	1.2.9.1	Published feasibility study report on development of regional railway transport	Annual report of the Railway Transport Agency	Railway Transport Agency Tbilisi, Rustavi, Mtskheta and Gardabani municipalities TUDA Georgian Railway JSC		II quart. of 2025	400,000					400,000
1.2.10	Promotion of movement between Tbilisi and neighboring settlements by public transport	1.2.10.1	There is public transport between at least 3 settlements near Tbilisi and Tbilisi	Report of Tbilisi Transport Company LLC	Tbilisi Municipality City Hall, TUDA Mtsketa and Gardabani Municipality City Halls	Ministry of Regional Development and Infrastructure Ministry of Economy and Sustainable Development Land Transport Agency	IV quart. of 2026	2,000,000					2,000,000
1.2.11	Establishment of a working group at the governmental level on transport issues for the economic agglomeration of Tbilisi	1.2.11.1	Working group established	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA	Ministry of Finances Ministry of Regional Development and Infrastructure Ministry of Economy and Sustainable Development Ministry of Environment	IV quart. of 2025	Administrative Costs					

						Protection and Agriculture Mtskheta, Rustavi, and Gardabani Municipality City Halls							
1.2.12	Expansion of the network of bus lanes in Tbilisi	1.2.12.1	Arranged bus lanes on at least 3 streets	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA		IV quart. of 2026	100,000	100,000	10 18			
1.2.13	Expansion of the zonal-hourly parking system in Tbilisi	1.2.13.1	At least 10 streets are included in the zonal-hourly parking system	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA		IV quart. of 2026						
1.2.14	Improving the infrastructure for cycling in Tbilisi	1.2.14.1	Arranged new bike lanes on 18 km length	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA		IV quart. of 2026						
		1.2.14.2	At least 10 new bike parking points, including at least 4 points near metro stations										
1.2.15	Exemption from VAT for the import of bicycles (including electric bicycles)	1.2.15.1	Draft amendments to the Tax Code have been submitted to the Parliament of Georgia	Website of the Parliament of Georgia - Parliament.ge	Ministry of Finances	Ministry of Environmental Protection and Agriculture	IV quart. of 2026	Administrative Costs					
1.2.16	Arrangement/rehabilitation of additional infrastructure for walking in Tbilisi	1.2.16.1	Renovated pavement on 300,000 m² area	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, IDC		IV quart. of 2026	7,000,000	7,000,000	01 01			
1.2.17	Development of permissible values of noise generated during the operation of vehicles and the rules for determining compliance with these values	1.2.17.1	Draft resolution of the Government of Georgia on determining the permissible value of noise generated during the operation of a vehicle submitted to the Government of Georgia	Legislative Herald of Georgia matsne.gov.ge Report of the Ministry of Internal Affairs	Ministry of Internal Affairs		IV quart. of 2024	Administrative Costs					

		1.2.17.2	Approved order of the Minister of Internal Affairs of Georgia on the rules for determining the compliance of the noise generated during the operation of the vehicle with the permissible values										
1.2.18	Feasibility study of the development of overground railway transport in Tbilisi	1.2.18.1	Published feasibility study report on the development of overground railway transport in Tbilisi	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA		IV quart. of 2026	1,380,000	1,380,000	10 18			
1.2.19	Increasing the number of electric car chargers in Tbilisi	1.2.19.1	Added at least 100 points of electric car chargers	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, Property Management Agency	Transport and Urban Development Agency	IV quart. of 2026	Administrative costs					
1.2.20	Initiation of establishment of a preferential tariff and/or a simplified mechanism for allocating land areas for electric car chargers in Tbilisi	1.2.20.1	Relevant draft resolution submitted to the Tbilisi Municipality Council	Website of Tbilisi Municipality Council - tbsakrebulo.gov.ge	Tbilisi Municipality City Hall		IV quart. of 2025	Administrative costs					
1.2.21	Initiation of establishment of the standards for multi-apartment constructions in order to provide parking and chargers for electric vehicles	1.2.21.1	Relevant draft resolution submitted to the Tbilisi Municipality Council	Website of Tbilisi Municipality Council - tbsakrebulo.gov.ge	Tbilisi Municipality City Hall, TUDA		IV quart. of 2025	Administrative costs					
1.2.22	Introduction of EURO 6 vehicle emission standard	1.2.22.1	Corresponding changes have been approved in the Resolution N238 of the Government of Georgia of June 28, 2023	Legislative Herald of Georgia matsne.gov.ge	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	Service Agency of Ministry of internal Affairs Customs Department of the Revenue Service Land Transport Agency	IV quart. of 2026	Administrative costs					

1.2.23	Development of a methodology for assessing the impact on transport of architectural projects to be implemented in Tbilisi	1.2.23.1	A draft of the relevant resolution has been submitted to the Tbilisi Municipality City Council	Website of Tbilisi Municipality Council - tbsakrebulo.gov.ge	Tbilisi Municipality City Hall, TUDA		IV quart. of 2025	Administrative costs					
1.2.24	Diversification of bus routes between Rustavi and Tbilisi and conducting research on the introduction of a unified ticketing system	1.2.24.1	At least 1 additional route for the Rustavi-Tbilisi bus with a new destination point	Annual report of Rustavi Municipality City Hall	Tbilisi Municipality City Hall, TUDA	Rustavi Municipality City Hall Land Transport Agency	IV quart. of 2025	100,000					100,000
		1.2.24.2	A study has been published about the conditions for introducing a single ticket system for passengers traveling between Tbilisi and Rustavi										
Objective 1.3:		Improving the assessment of the ambient air quality and the impact of air pollution on human health in the Tbilisi agglomeration											
Outcome Indicator 1.3.1:		Improvement of ambient air quality assessment and evaluation of the impact of air pollution on human health in the Tbilisi agglomeration				Baseline	Target	Source of Verification:					
					Year	2023	2026	Annual Report of National Environmental Agency					
					Value	4	6						
Risk:		Lack of resources to improve the ambient air quality assessment system											
Activity		Output Indicator		Source of Verification	Responsible Agency	Partner Institution	Deadline	Budget [ლ]	Source of Financing				
									State Budget		Other		Gap [ლ]
									Amount [ლ]	Code	Amount [ლ]	Organisation	
1.3.1	Improve the quality of ambient air quality data and Information system	1.3.1.1	Relevant SOPs in place	Annual report of the National Environmental Agency	National Environmental Agency, LEPL		IV quart. of 2026	300,000			300,000	EU/ UNDP	
		1.3.1.2	Relevant training programs in place										
		1.3.1.3	Conducted at least 5 training sessions										
1.3.2	Update the emissions inventory for the Tbilisi agglomeration	1.3.2.1	Updated emission inventory	Ambient air quality portal - air.gov.ge	Ministry of Environmental Protection and Agriculture/ Department of	Tbilisi Municipality City Hall	IV quart. of 2026	10,000					10,000

					Environment and Climate Change								
1.3.3	Assessment of air pollution caused by construction and demolition	1.3.3.1	Conducted assessment	Relevant assessment report	Ministry of Environmental Protection and Agriculture/ Department of Environment and Climate Change	National Environmental Agency, LEPL	IV quart. of 2026	150,000					150,000
1.3.4	Assessment of exposure of Tbilisi population to excess concentrations of harmful substances (PM ₁₀ , PM _{2.5} , NO ₂).	1.3.4.1	Conducted assessment	An officially published report of the assessment conducted	National Center for Disease Control and Public Health, LEPL	National Environment Agency National Statistics Office of Georgia	IV quart. of 2026	30,000			30,000	EU/ UNDP	
1.3.5	Implement the use of air quality modelling for the urban scale in the Tbilisi agglomeration	1.3.5.1	Active air quality model compiled and applied	Annual report of the National Environmental Agency	National Environmental Agency, LEPL	Ministry of Environmental Protection and Agriculture Tbilisi Municipality City Hall	IV quart. of 2026	150,000			150,000	EU/ UNDP	
Objective 1.4:		Public awareness raising on air protection in Tbilisi Agglomeration											
Outcome Indicator 1.4.1:		Raising public awareness about ambient air protection in the Tbilisi agglomeration.				Baseline	Target	Source of Verification:					
					Year	2023	2026	Annual Report of the Center for Environmental Information and Education					
					Value	300	1,000						
Risk:		Insufficient public interest in environmental campaigns											

Activity		Output Indicator		Source of Verification	Responsible Agency	Partner Institution	Deadline	Budget [€]	Source of Financing				
									State Budget		Other		Gap [€]
									Amount [€]	Code	Amount [€]	Organisation	
1.4.1	Implementing informational and public awareness raising events for educational institutions on air protection issues	1.4.1.1	Conducted at least 5 events	Annual report of the Environmental Information and Education Centre	Environmental Information and Education Centre, LEPL		IV quart. of 2026	10,000	10,000	31 11			
1.4.2	Participation in the annual European Mobility Week	1.4.2.1	Report/press release on the participation of Tbilisi in the Mobility Week	Tbilisi Municipality City Hall website	Tbilisi Municipality City Hall, TUDA	Environmental Information and Education Centre, LEPL	IV quart. of 2026	30,000	30,000	10 18			
1.4.3	Carrying out a campaign on sustainable mobility in Tbilisi	1.4.3.1	Conducted campaign	Annual report of the Environmental Information and Education Centre	Environmental Information and Education Centre, LEPL		IV quart. of 2026	Administrative Costs					
1.4.4	Raising the awareness of intra-city bus drivers in the Tbilisi agglomeration about eco-driving rules	1.4.4.1	All intra-city bus drivers in the Tbilisi agglomeration have undergone eco-driving training	Annual report of Tbilisi Municipality City Hall	Tbilisi Municipality City Hall, TUDA	Tbilisi Transport Company, Ltd	IV quart. of 2024	1,658,205	1,658,205	01 02 01			
1.4.5	Conducting an extended indicator monitoring campaign in the Tbilisi agglomeration	1.4.5.1	Conducted one-time extended monitoring campaign	Press release on the website of the National Environmental Agency	National Environmental Agency, LEPL	Environmental Information and Education Centre, LEPL Tbilisi Municipality City Hall	IV quart. of 2026	20,000			20,000	SIDA	
1.4.6	Educating and informing operators of the construction sector about the existing regulations and methods for the prevention of dust emissions in the process of operation and transportation	1.4.6.1	Conducted 1 trainings for construction sector operators	Annual report of the Environmental Information and Education Centre	Environmental Information and Education Centre, LEPL	Ministry of Economy and Sustainable Development Tbilisi Municipality City Hall	IV quart. of 2026	20,000	10 000	31 11			10,000
		1.4.6.2	Prepared and distributed at least 200 units of information material on construction sites in the city										