

APPROVED BY:

UNDP Deputy Resident Representative



Armen Martirosyan

Date: 12.28 2021

APPROVED BY:

Deputy Minister of Natural Resources and Environmental Protection,
National Project Coordinator



Aliaksandr Haroshka

Date: 30.12 2021

Annual Project Review 2021

Project Title: "Belarus: Supporting Green Urban Development in Small and Medium-Sized Cities in Belarus"

Project ID: 00990983

Expected Country Programme Outcome: 3.1 National capacity to mitigate and adapt to climate change enhanced

Imp. Agency: Ministry of Natural Resources and Environmental Protection of the Republic of Belarus

Activity description	Amount by quarters, USD				Total (USD)	Expenditures (USD)	Balance	Fund/Donor	Budget Account	Executing entity/Responsible person (institution)	Annual Target for 2021	Overall project assessment of implemented activities (brief description)
	Q1	Q2	Q3	Q4								
Component 1: Development and adoption of green urban development plans												(1) Materials for improving the system of legal regulation and technical regulation in the field of green urban development have been systematized and finalized; (2) A survey was conducted among residents of Polotsk, Novopolotsk and Novogrudok on the quality of the urban environment; (3) The following support was provided to the pilot cities (Polotsk, Novopolotsk and Novogrudok) in: (a) monitoring the implementation of green urban development plans using a template; (b) development of requirements for investment sites, taking into account the principles of green urban planning and (c) development of financial proposals for green investment projects; (4) National and international experience in the field of green urban development was presented and discussed during the final conference of the Project.
1.1. Proposed enhancements of national policies and regulations for energy efficiency of municipal assets and urban transportation												Materials for improving the system of legal regulation and technical regulation in the field of green urban development have been systematized and finalized;
1.1.1.	An overview of the urban activities in Belarus taking into account the tendencies of green urban development. Development of recommendations on improving the regulatory requirements in the field of urban development, taking into account the principles of green urban development.											
1.1.1.1.	Development of proposals on amendment the regulatory requirements in the field of urban development, taking into account the principles of green urban development.	5,000			5,000	1,150	3,850	62000/10003	71300 - Local consultants	UNDP/ MoENV	The proposals for amending legislative and regulatory documents in the field of green urban development have been finalized. Proposals are submitted to the MoEnv, the Ministry of Architecture and Construction and other stakeholders. Deadline - July 31, 2021 (joint activity with 1.3.2)	(1) The developed proposals of the Project on improving the system of legal regulation and technical regulation of urban planning in accordance with the system of legal regulation of urban planning activities in the Republic of Belarus have been systematized. The report has been submitted to the Ministry of Environment. Deadline - July 31, 2021. (joint activity with 1.3.2.); (2) Recommendations have been prepared for further improvement of changes in the system of legal regulation and technical regulation of urban planning, taking into account the principles of green urban planning, for submission by the Project to the Ministry of Environment, the Ministry of Architecture and Construction and other stakeholders. Deadline - September 10, 2021. (joint activity with 1.3.2); (3) Proposals have been prepared for inclusion in the second national plan for a green economy. Deadline - March 30, 2021.
1.1.2.	Review of the existing policy, standards and rules in the field of development of sustainable urban transport. Development of the recommendations on the integration of measures, aimed at the development of sustainable transport, into the existing national urban development standards in Belarus.										The proposals for amending legislative and regulatory documents in the field of sustainable transport development have been finalized, including the following areas (1) development of bicycle infrastructure; (2) classification of streets and the main characteristics of the transport infrastructure; (3) development of the urban mobility plan in order to promote sustainable transport and mobility in the Republic of Belarus. Proposals are submitted to the MoEnv, the Ministry of Transport, the Ministry of Architecture and Construction and other stakeholders. Deadline - July 31, 2021.	(1) The methodological recommendations on the procedure for the development of measures to achieve the specified levels of service by type of movement have been improved: individual transport, route passenger transport, bicycle transport and personal mobility devices, pedestrian traffic; (2) Methodological recommendations have been sent for review to the Traffic police, BAES, BST, Minskgrado, Ministry of Architecture and Construction and the Ministry of Environment; (3) Methodological recommendations on the procedure for developing measures to achieve the specified levels of service by type of movement will be adopted as a methodological guide in the service activities of the traffic police (letter dated 23.07.2021 No. 22/16914); (4) The developed materials of the project on the topic of sustainable urban mobility are considered by the Belarusian National Technical University for use as a methodological guideline in the educational process for the specially "Organization of road traffic".
1.1.3.	Review of the existing national standards and norms on lighting systems in cities. Development of recommendations on the introduction of changes in the standards and rules.										Proposals on development of infrastructure of smart-metering based on the experience of a pilot activity in Novogrudok are prepared. The proposals have been submitted to the Ministry of Housing and Public Utilities and the Ministry of Information. Deadline - July 31, 2021.	(1) Materials on the results of the implementation of an infrastructure pilot project for the development of infrastructure for accounting for resource consumption on the example of two residential buildings in the city of Novogrudok have been prepared; (2) Materials have been sent to OJSC "Giprosvyaz" and the Ministry of Informatization and Communications for further use in the formation of the concept of a smart district. Deadline - July 31, 2021.
1.2. Green Urban Development Plans for Cities of Novogrudok, Polotsk and Novopolotsk												(1) A survey was conducted among residents of Polotsk, Novopolotsk and Novogrudok on the quality of the urban environment; (2) The following support was provided to the pilot cities (Polotsk, Novopolotsk and Novogrudok) in: (a) monitoring the implementation of green urban development plans using a template; (b) development of requirements for investment sites, taking into account the principles of green urban planning and (c) development of financial proposals for green investment projects.

IC security fee Component 1		30	30	40		100	21	79	62000/10003	71300 - Local consultants	UNDP/ MoENV	
Bank fee Component 1		40	40	20		100	246	- 146	62000/10003	74500 - Miscellaneous Expenses	UNDP/ MoENV	
Total Component 1		10,470	4,870	60		15,400	8,725	6,675				
Component 2: Development of pilots on SUT in Novopolotsk and Polotsk												
<p>(1) A survey of residents of the cities of Polotsk and Novopolotsk was conducted to clarify their awareness of the Project's activities and their attitude to the implementation of activities in the area of sustainable mobility; (2) Information materials have been prepared for replicating the experience of implementing the activities envisaged by the joint plan for sustainable urban mobility of Polotsk and Novopolotsk in other cities of Belarus; (3) Audio guides in Russian and English for tourist cycling routes in the cities of Polotsk, Novopolotsk and Novogrudok have been developed; (4) Tender documents were prepared, procurement procedures have been arranged, construction work was carried out to improve the bicycle network and improve the work of public transport in Polotsk and Novopolotsk; (5) The experience of the project on the development of bicycle infrastructure and improvement of the work of public transport in Polotsk and Novopolotsk is presented in the framework of information and educational events; (6) Monitoring of the implemented measures for the development of cycling infrastructure and improvement of the work of public transport in Polotsk and Novopolotsk has been arranged.</p>												
2.1. Integrated Sustainable Urban Mobility Plan (ISUMP) for Polotsk and Novopolotsk												
2.1.1.	Review of the existing and proposed transport plans of Polotsk and Novopolotsk.											The activity is completed in Y2017.
2.1.2.	Conduction of transport surveys for the towns of Polotsk and Novopolotsk											The activity is completed in Y2018.
2.1.3.	Computer modeling of traffic flows											Traffic flow modeling is completed in Y2018 in the framework of the implementation of activities 2.1.5, 2.2, 2.3. Funds are redistributed to activity 2.5. (Decision of the Project Board on December 18, 2018)
2.1.4.	Development of the concept of an "ideal" transport system for Polotsk and Novopolotsk considering the interests of different stakeholders.											The activity is completed in Y2018.
2.1.5.	Development of ISUMP for Polotsk and Novopolotsk.											The activity is completed in Y2019
2.1.5.1.	Monitoring of the implementation of integrated plan of sustainable urban mobility	250	250			500		500	62000/10003	71600 - Travel	UNDP/ MoENV	The implementation of the principles and measures from the integrated plan of sustainable urban mobility is monitored during the development of urban planning documents and transport schemes for Polotsk and Novopolotsk. Deadline - July 31, 2021
2.1.5.2.	Preparation of the informational materials to replicate the experience of developing sustainable mobility plans in belarusian municipalities							3,708	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV	Information materials (at least 10) have been prepared and posted on the project's website (www.greencities.by) and national and local mass-media to replicate the experience of developing sustainable urban mobility plans in other cities in Belarus. Deadline - July 31, 2021.
						2,000		3,707	62000/10003	71300 - Local consultants	UNDP/ MoENV	(1) Monitoring of the effectiveness of the measures implemented by the Project on sustainable mobility in Polotsk and Novopolotsk was carried out; (2) A final report was prepared with an analysis of the results achieved by the Project and an assessment of the economic, social and environmental efficiency of the implemented pilots, CO2 emissions reduction (https://drive.google.com/drive/folders/1T5CZp0DgBNdRX0vojPjLUToPudybTKim?usp=sharing) (joint activity with 2.4.5. and 2.5.4.1.) Deadline - August 30, 2021.
2.1.6.	Conduction of consultations with the stakeholders on the development of ISUMP for Novopolotsk and Polotsk.		3,000			3,000		653	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV	(1) A survey among the residents of the cities of Polotsk and Novopolotsk has been conducted to clarify their awareness about the project's activities and their attitude to the implementation of measures in the field of sustainable mobility. At least 1000 residents of two cities took part in the survey. Deadline - May 30, 2021 (a joint activity with 1.2.2.). Based on the results of the survey, a report was prepared with the main conclusions about the satisfaction of residents with the implemented activities and perspective areas of development in the field of sustainable mobility;
			5,000			5,000		3,598	62000/10003	71300 - Local consultants	UNDP/ MoENV	(2) The report with results of the survey has been submitted to the administrations of the pilot cities: Polotsk and Novopolotsk for use in the decision-making process on the development of sustainable mobility actions. Deadline - June 30, 2021.
2.1.7.	Forming a joint coordinating mechanism for the development of ISUMP.					-						The activity is completed in Y2019.
2.1.8.	Organization of study tours on the topic of green urban development, including the questions of urban mobility and energy efficiency.					-						The activity is completed in Y2020.
2.2. A detailed feasibility study for the integration and extension of the Cycling Network for Polotsk and Novopolotsk												
2.2.1.	Audit of the existing cycling network in Polotsk and Novopolotsk.											The activity is completed in Y2018.
2.2.2.	Development of a feasibility study on combining and expanding the cycling network of Polotsk and Novopolotsk.											The activity is completed in Y2018.
2.2.3.	Study tours											Joint activity with 2.1.8. Completed in Y2017.
2.2.4.	Implementation of activities to promote the use of the cycling network and bicycles in general.											Joint activity with 2.1.8. Completed in Y2017.
2.2.4.1.	Production of audio guides for cycling routes in Polotsk, Novopolotsk and Novogrudok		1,100			1,100		1,744	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV	The activity started in 2020 and will continue in 2021. Final versions of audio guides for cycling routes in Polotsk, Novopolotsk and Novogrudok finalized. Deadline - April 30, 2021
<p>(1) Final versions of audio guides in Russian and English for tourist cycling routes in Polotsk, Novopolotsk and Novogrudok have been produced; (2) The final versions of the audio guides are uploaded on the izi.travel platform: - Polotsk: https://izi.travel/ru/0a32-velomashrut-po-polocku/ru - Novopolotsk: https://izi.travel/ru/d43b-velomashrut-po-novopolocku/ru - Novogrudok: https://izi.travel/ru/7803-velomashrut-po-novogrudku/ru.</p>												

2.2.4.2.	Informational workshop for the promotion of cycling		1,900			1,900	2,264	- 364	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV	At least 30 representatives of stakeholders, including representatives of the municipalities, traffic police, planning institutions, NGOs, improved their knowledge about the experience of Polotsk and Novopolotsk in the promotion of cycling at the municipal level through informational workshop. Deadline - June 30, 2021 (joint event since 4.3.3.)	(1) The materials of the project on the implementation of solutions in the field of sustainable mobility in Polotsk and Novopolotsk were used to train traffic police officers responsible for traffic management issues in the framework of advanced training courses (at least 80 specialists). Deadline - April 20, 2021; (2) 7 journalists from national and regional media took part in the press tour on 11.05.2021 to familiarize and disseminate information about the implemented activities in Polotsk and Novopolotsk among the population (joint activity with 2.5.3.2.); (3) 11 representatives of the Ministry of Environment, UNDP, administrations of two pilot cities, NGOs and design institutes discussed the activities implemented in Polotsk and Novopolotsk, as well as barriers and prospects for replicating the gained experience in other cities of Belarus within the framework of the press tour on April 22, 2021 (joint activity with 2.5.3.2.); (4) A webinar "Urban mobility: what, why and what results can be obtained (the experience of Polotsk and Novopolotsk)" was arranged for city administrations on the implementation of measures for the development of cycling and public transport on the example of Polotsk and Novopolotsk. The webinar recording and information materials of the sustainable mobility project have been sent to regions of Belarus (https://www.youtube.com/watch?v=vLCiI7agb9Q). Deadline - September 30, 2021. (joint activity with 2.5.3.2.)
			1,000			1,000	345	655	62000/10003	71300 - Local consultants	UNDP/ MoENV		
			500			500		500	62000/10003	71600 - Travel	UNDP/ MoENV		
2.2.4.3.	Informational materials for the promotion of green habits among citizens		6,050			6,050	6,192	- 142	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV	1500 reusable bamboo cups have been bought and disseminated among citizens to promote plastic free catering in cities.	1,500 reusable bamboo cups have been purchased and distributed among catering organizations to promote plastic free catering: (1) 1400 reusable bamboo cups to LLC "Inclusive Barista" (Minsk) and (2) Khoiniki regional organization of the public association "Republican Association of Wheelchair Disabled Persons" (Khoiniki) (according to the results of the competition approved by the Project Board No.13 dated 02.09.2021).
2.3. Detailed feasibility study to improve the quality and efficiency of public transport Polotsk and Novopolotsk													
2.3.1.	Development of comprehensive feasibility study to improve the quality and efficiency of public transport in Polotsk and Novopolotsk.											The activity is completed in Y2018.	The activity is completed in Y2018.
2.4. Investment in the cycling network													
2.4.1.	Development and approval of the technical specifications for the equipment, which is purchased from project's funds.											The activity is completed in Y2019.	The activity is completed in Y2019.
2.4.2.	Development and approval of the design documentation in accordance with the national legislation.					700	- 700		62000/10003	71300 - Local consultants		The activity is completed in Y2020.	The scheme of the organization of traffic on the street. Brovki and st. Dzerzhinsky in Polotsk was completed and agreed with the Polotsk regional executive committee and the traffic police (Decision of the Project Board from 05/25/2021). Deadline - August, 2021.
2.4.3.	Purchase of equipment that is necessary for development of the cycling network in Polotsk and Novopolotsk.												
2.4.3.1.	Purchase of equipment for a self-service repair bike workshop		1,500			1,500	918	582	62000/10003	72400 - Material and goods	UNDP/ MoENV	The equipment has been purchased for a self-service repair bike workshop in Polotsk and Novopolotsk. The equipment was purchased and delivered. Deadline - March 30, 2021.	The equipment has been purchased and delivered for a self-service bike workshop in Novopolotsk. The work of the self-service bike workshop is supervised by the public association "Versta". Deadline - August 31, 2021.
2.4.3.2.	Purchase and installation of bike garazh		3,223			3,223	20,959	- 17,736	62000/10003	72401 - Prefabricated structures	UNDP/ MoENV	1 bike garazh is produced and installed in Polotsk. Deadline - March 30, 2021.	5 bike garazhes are produced and installed in Polotsk and Novopolotsk (2 garazhes in Novopolotsk and 3 bicycle garages in Polotsk). Additional 4 bike garages have been purchased and installed according to the decision of the Project Board dated 05/25/2021. Deadline - September 25, 2021.
2.4.3.3.	Purchase and installation of bike spots for repair of bikes		4,000			4,000	4,506	- 506	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV	10 bike spots for repair of bikes are bought and installed in Polotsk and Novopolotsk. Deadline - March 30, 2021.	10 bike spots for repair of bikes are bought and installed in Polotsk and Novopolotsk (5 units in each municipality). Deadline - August 31, 2021.
2.4.3.4.	Purchase and installation of the bike parkings with solar panels			18,571			18,566	- 18,566	62000/10003	72401 - Materials	UNDP/ MoENV	9 bicycle parkings with solar panels were purchased and installed in Novopolotsk (according to the decision of the Project Board No. 12 dated 05/25/2021). Deadline - September 15, 2021.	In accordance with the decision of the Project Board dated 05.25. 9 bicycle parkings with solar panels were purchased and installed in Novopolotsk. Deadline - September 10, 2021.
2.4.4.	Implementation of construction and installation works on the development of the cycling network in Polotsk and Novopolotsk. Delivery, assembling and installation		20,000	8,841		28,841	24,540	4,301	62000/10003	73200 - Construction works	UNDP/ MoENV	Construction works for a bike path in Novopolotsk are completed and accepted by the administration of the municipality. Deadline - 31 July 2021.	(1) Construction works of a bicycle path along Blokhina and Komsomolskaya streets with a length of 668 m in Novopolotsk, including the lowering of the road curbs, installation of road signs, road markings, and the installation of 240 delineators, have been completed. Deadline - August 31, 2021; (2) Work has been completed on the installation of 176 road ramps for the comfortable movement of cyclists and pedestrians in Novopolotsk and Polotsk (based on the decision of the Project Board dated 05/25/2021). Deadline - September 30, 2021; (3) The works on road marking along cycle lanes along the streets of Novopolotsk for the implementation of the scheme for organizing public transport traffic movements and the allocation of pedestrian zones in Novopolotsk have been completed. The quality of works has been accepted by the Novopolotsk City Executive Committee. Deadline - October 15, 2021; (4) The works on road markings and the installation of road signs along the newly constructed bike path on Zygina street in Polotsk have been completed. The quality of works has been accepted by the Polotsk District Executive Committee. Deadline - October 15, 2021;
							9,914	- 9,914	62000/10003	72401 - Materials			
			3,600			3,600	3,600	-	62000/10003	71300 - Local consultants	UNDP/ MoENV		
			6,000			6,000	6,000	-	62000/10003	71400 - Service contracts individuals	UNDP/ MoENV		
2.4.5.	Monitoring of the efficiency of implemented activities		250	250		500		500	62000/10003	71600 - Travel	UNDP/ MoENV	(1) The activity has been started in 2020. The monitoring of the implemented activities is completed; (2) A report has been prepared, including calculations of greenhouse gas emissions reduction as well as economic and social efficiency of implemented activities. The monitoring report is submitted and approved by the administrations of Polotsk and Novopolotsk, MinEnv and UNDP. Deadline - May 31, 2021. (Joint activity with 2.5.4)	(1) The effectiveness of the implementation measures for the development of the bicycle network was monitored. Deadline - May 31, 2021.; (2) Based on the monitoring, a report has been prepared with calculations of greenhouse gas emissions reduction, economic and social efficiency of implemented measures for the development of cycling (https://drive.google.com/drive/folders/1T5CZp0DgBNdR0v0jPjLUtoPudybTKtm?usp=sharing). Deadline - August 31, 2021; (3) A report on the results of the monitoring was prepared and submitted to the administrations of Polotsk and Novopolotsk. Deadline - September 10, 2021.
				8,280		8,280	8,280	-	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV		
2.5. Investment in improved public transport services (modernization of infrastructure, organization of allocated lanes, introduction of priority systems at traffic lights)													
2.5.1.	Development and approval of the technical specifications for the equipment for improvement of public transport in Polotsk and Novopolotsk, which is purchased from project's funds											The activity is completed in Y2020.	The activity is completed in Y2020.
2.5.2.	Development and approval of design documentation for the development of public transport in Polotsk and Novopolotsk											The activity is completed in Y2020.	A scheme for organization of traffic movement on the streets Dzerzhinskogo and Brovki in Polotsk is developed and approved (according to the decision of the Project Board dated 05.25.2021). Deadline - June 30, 2021.
2.5.3.	Implementation of construction and installation works on the development of the public transport in Polotsk and Novopolotsk. Delivery, assembling and installation.												
			43,592			43,592	16,733	26,859	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV	The construction works for improvement of public transport services in Polotsk and Novopolotsk have been completed and accepted by administrations of both municipalities. Deadline - July 31, 2021.	(1) According to the decision of the Project Board of 05/25/2021, it was decided to redistribute funds from the supply and installation of electronic displays with an online timetable for public transport in Polotsk and Novopolotsk to the organization of traffic movement on Brovki and Dzerzhinskogo streets in Polotsk; (2) The following measures have been implemented, including installation of 7 safety islands. 36 signs. 3

Total Component 3		4,575	15,647		25,122	16,191	8,930												
Component 4: Replication mechanisms for green urban development in Belarus																	(1) Activities to inform and disseminate information on green urban development in the Republic of Belarus among stakeholders have been organized; (2) The following support has been provided to the pilot municipalities (Korma, Zelva, Gorodok and Krychau): - monitoring of the implementation of green urban development plans using the template; - development of the requirements for the investment sites taking into account the principles of green urban planning; - development of financial proposals for green investment projects.		
4.1. Preparation of the Action Plan for Sustainable Energy Development and Climate for Novopolotsk																			
4.1.1.	Collection of the baseline data for the development of the Action Plan for Sustainable Energy Development and Climate.																Activity is implemented in Y2018.	Activity is implemented in Y2018.	
4.1.2.	Development and approval of the Action Plan for Sustainable Energy Development and Climate for Novopolotsk.																Activity is implemented in Y2019.	Activity is implemented in Y2019.	
4.2. Update of the Action Plan for Sustainable Energy Development (SEAP) for Polotsk and Novogrudok																			
4.2.1.	Updated SEAP for Polotsk.																Activity is implemented in Y2019.	Activity is implemented in Y2019.	
4.2.2.	Updated SEAP for Novogrudok.																Activity is implemented in Y2018.	Activity is implemented in Y2018.	
4.3. Mechanism for promoting low carbon growth in Belarusian cities																			
4.3.1.	Development of green urban development web-site	100			100	145	- 45	62000/10003	72100 - Contractual Services-Companies								The website for green urban development (www.greencities.by) is successfully operational. Informational and educational materials are uploaded to the web page. Deadline - July 31, 2021.	(1) The Project website (www.greencities.by) is successfully operated; (2) 32 information and educational materials were uploaded to the web page; (3) From January 1, 2021, new 3210 visits to the webpage have been recorded, the site materials have been viewed 12,000 times.	
4.3.2.	Analysis of the needs of various stakeholders for the development of green urban development in Belarus																Cooperation with projects on topics of sustainable urban development implemented in Belarus and abroad is continued. Deadline - May 31, 2021	(1) Cooperation with the GIZ Connective Cities platform has been continued; (2) 4 representatives of Belarusian municipalities (Pinsk, Slonim, Korma and Novogrudok) presented ideas for urban energy efficiency projects and discussed the perspectives for urban energy planning together with international experts and representatives of other cities of Central and Eastern Europe in the framework of the workshop "Sustainable Urban Energy Planning" (May 17 - 21, 2021).	
4.3.2.1.	Development of the proposal for the set of tools (information and communication technologies) on organization of the process of citizens' participation in urban planning in Polotsk, Novopolotsk and Novogrudok	1,000			1,000	1,000		30084/00012	72100 - Contractual Services-Companies	UNDP/ MoENV							The activity has been started in 2020 and will continue in 2021. (1) A set of tools has been formulated for the organization of the process of citizens' participation in urban planning including methods (as well as information and communication technologies), the format and target groups for further implementation in each city: Polotsk, Novopolotsk and Novogrudok. Deadline - 28 February 2021; (2) A collection of ideas, comments, and suggestions from residents for at least one project in the area of urban planning, including mobility, urban planning, housing, and communal services, energy efficiency for the cities of Polotsk, Novopolotsk, and Novogrudok was organized using the proposed set of tools. The results of the discussions have been submitted to the administrations of pilot cities. Deadline - 30 April 2021.	(1) The report "Citizens' Involvement in Urban Planning: Smart Citizens in a Smart City" was prepared with a description of a set of tools for organizing the process of citizen participation in urban planning. 03/25/2021 the report was submitted to the administrations of Polotsk, Novopolotsk and Novogrudok (https://drive.google.com/drive/folders/1K6BFBSrQdZygh9Vm8meBkzqOfiv6XMG?usp=sharing); (2) As agreed with the administrations of Polotsk, Novopolotsk and Novogrudok, the topic "Landscaping and greening" was defined for the introduction of a set of digital tools (Lungs of the city, Countree, Involvement of citizens). Together with the UNDP Sustainable Development Acceleration Laboratory, the administrations of Novopolotsk, Novogrudok, Korma and Pinsk, have started the preparatory works to launch digital solutions in the field of inventory of green spaces, involving the population in planting green spaces. Piloting of projects is scheduled for September-October, 2021.	
		4,000	4,321		8,321	9,924	- 1,603	62000/10003	71400 - Service contracts individuals	UNDP/ MoENV									
4.3.3.	Dissemination of information materials and publication in the internet sources.	900			900	900		62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV							(1) At least 30 publications on the topic of green urban development, sustainable mobility and energy efficiency are distributed among stakeholders and published on the websites of UNDP, the Ministry of Environment, the Ministry of Architecture and Construction, as well as in national, regional and local media. Deadline - May 30, 2021; (2) A video using computer graphics dedicated to the results of the project has been developed. Deadline - April 30, 2021; (3) An infographic has been developed for each of the activity of the project. Deadline - March 30, 2021; (4) 2 TV and radio broadcasts have been organized to present the results of the Project. Deadline - April 30, 2021; (5) 2 press tours have been organized to present the results of the Project in Polotsk, Novopolotsk and Novogrudok. Deadline - May 31, 2021 (joint activity with 3.4.4, 2.5.3, 2.4.4).	(1) 57 publications on the topic of green urban planning, sustainable mobility and energy efficiency are distributed among stakeholders and published on the websites of UNDP, the Ministry of Environment, as well as in national, regional and local media. Deadline - September 30, 2021; (2) 6 videos, dedicated to the results of the project, have been developed using computer graphics (https://drive.google.com/drive/folders/1WacRpbYIE4jTl7JFzrPB91XVAIj9s?usp=sharing). Deadline - June 30, 2021; (3) An infographic has been developed for each of the activity of the project (https://drive.google.com/drive/folders/17zITJ-LvKfIbrjHBAgD52McmNihdMZF5?usp=sharing). Deadline - September 10, 2021; (4) A 3D tour on the main implemented infrastructure activities of the Project in Polotsk and Novopolotsk has been developed (https://tours.sengai-it.com/Po/). Deadline - June 5, 2021. (5) 3 press tours have been arranged to demonstrate the results of the Project in Polotsk, Novopolotsk and Novogrudok (joint activity with 3.4.4, 2.5.3, 2.4.4) Deadline - September 15, 2021	
					1,263	- 1,263	30084/00012	74200 - Audio Visual&Print Prod Costs											
		2,000			2,000	2,680	- 680	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV									
4.3.4.	Information activities in the sphere of green urban development, including urban mobility and energy efficiency																		
4.3.4.1.	Final conference of the Project		1,000		1,000	1,000		62000/10003	71600 - Travel	UNDP/ MoENV							At least 30 representatives of stakeholders (representatives of the Ministry of Environment, the Ministry of Transport, the Ministry of Architecture and Construction, local administrations, designers, NGOs, scientific and educational organizations) are familiarized with the national experience of "greening" urban transport systems, changing people's transport behavior, as well as energy-efficient projects, green planning of urban neighborhoods in the framework of the final conference for the Project. Deadline - May 30, 2021 (a joint activity with 1.4.1).	39 representatives of stakeholders (representatives of the Ministry of Environment, UNDP, the Ministry of Transport, the Ministry of Economy, local administrations, architects, NGOs, educational organizations, international experts) got knowledge about the international experience of energy-efficient planning of urban neighborhoods and efficient use of public spaces, "greening" of urban transport systems, changing people's transport behavior, opportunities to attract financing for "green" infrastructure projects within the framework of the final conference of the Project (https://drive.google.com/drive/folders/1LD7JuMgInVCE-Elghw0TU-E26X758r1?usp=sharing). Deadline - September 16, 2021. (joint activity with 1.4.1.)	
			1,000		1,000	1,000		62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV									
			8,000		8,000	3,913	4,087	62000/10004	75700 - Trainings, educational activities	UNDP/ MoENV									
			3,000		3,000	7,425	- 4,425	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP/ MoENV									
4.3.5.	Studying the experience of "green procurement" in green urban development and financial instruments for investing in "green" infrastructure projects.																		
4.3.5.1.	Organization of the round table about possibilities of using green financing instruments		1,000		1,000	1,000		62000/10003	75700 - Trainings, educational activities	UNDP/ MoENV							(1) At least 30 representatives of city administrations have discussed with international financial institutions, banks the possibilities of using green financing instruments in Belarus during the round table; (2) The short resume of the meeting with a description of possible follow-up actions to promote the green finance instruments in Belarus has been prepared and submitted to the Ministry of Economy, Ministry of Finance, and National Bank. Deadline - April 30, 2021	(1) During the round table held on April 14-15, 2021, 42 representatives of city administrations, international financial institutions, national banks discussed the possibilities of using financing instruments in Belarus for the implementation of green infrastructure projects; (2) Materials for the promotion of green finance instruments in Belarus have been prepared and submitted to the Ministry of Economy and the Ministry of Environment (https://drive.google.com/drive/folders/1pVECTXcPv9awwbp-nj56rYUDg_Hm7LA?usp=sharing). Deadline - April 30, 2021.	
		4,000			4,000	4,000		62000/10003	71300 - Local consultants	UNDP/ MoENV									
4.3.5.2.	On-line workshop on digitalization of municipalities		1,000		1,000	1,000		62000/10003	75700 - Trainings, educational activities	UNDP/ MoENV							At least 20 representatives of municipalities, national authorities got knowledge about the international experience in the area of digitalization of municipalities through participation in the on-line workshop with the international expert with relevant practical experience. Deadline - May 31, 2021;	21 representatives of city and district administrations (Zelva, Korma, Minsk, Pinsk, Novogrudok, Novopolotsk, Pinsk, Polotsk, Soligorsk and others), national experts in the area of digitalization got knowledge about the international practical experience in the area of digitalization at online-meeting, organized on 29 July, 2021.	
		1,000			1,000	1,144	- 144	30084/00012	71200 - International consultants	UNDP/ MoENV									
4.3.5.3.	Identification of financing opportunities and business models for the transition of cities to sustainable digital development	4,000			4,000	3,900	100	30084/00012	71300 - Local consultants	UNDP/ MoENV							The activity has been started in 2020 and will continue in 2021. (1) The possibilities, procedures, available solutions or prototypes for pilots of digitalization of services have been identified through at least 10 consultations / working meetings of the representatives of municipalities with IT-companies, academia, NGOs, business, financial institutions, and citizens. Deadline - June 30, 2021; (2) Based on consultations with stakeholders, at least concepts of 3 ideas green infrastructure projects using digital technologies with a detailed business model for each city: Polotsk, Novopolotsk, Novogrudok has been developed and submitted to municipal administrations. Deadline - July 31, 2021.	(1) The available opportunities, procedures, available solutions or prototypes for pilot projects on digitalization of services have been identified at 10 consultations/working meetings with representatives of city administrations, IT companies, academia, non-governmental organizations, business, financial institutions. Deadline - June 30, 2021; (2) 3 concepts of "green" infrastructure projects using digital technologies have been developed for Polotsk, Novopolotsk and Novogrudok (https://drive.google.com/drive/folders/1uhOvOcz3O_TqsJCRmd_ysUwNv3zgd?usp=sharing). Deadline - August 31, 2021; - Polotsk: Implementation of the concept of "smart" public space in the city park of culture and recreation in Polotsk;	

		480			480	5,166	- 4,686	30084/00012	71400 - Service contracts individuals	UNDP/ MoENV	- Novopolotsk: Implementation of the concept of the "smart" waste management system in Novopolotsk; - Novogrudok: Development of the concept and/or master plan of a "smart" city for Novogrudok; (3) Together with the Laboratory for Accelerating Sustainable Development of UNDP and the administrations of Pinsk and Novopolotsk, an experiment is being implemented on installation of the sensors for monitoring of filling capacity of solid waste containers. The piloting is planned in October, 2021.
4.4. Assistance in preparation or update of SEAPs or green urban development plans for another 10 municipalities in Belarus											The following support has been provided to the pilot municipalities (Korma, Zelva, Gorodok and Krychau): - monitoring of the implementation of green urban development plans using the template; - development of the requirements for the investment sites taking into account the principles of green urban planning; - development of financial proposals for green investment projects.
4.4.1.	Development of capacity to develop and update the Action Plans for Sustainable Energy Development and Climate										Activity is implemented in Y2019.
4.4.2.	Assistance in the development of green urban development plans.										Activity is implemented in Y2019.
4.4.2.1.	Monitoring of the implementation of green urban development plans	300			300	300		62000/10003	71600 - Travel	UNDP/ MoENV	The implementation of green urban development plans is monitored and principles and activities are taken into account during the development of city planning documents for Korma, Zelva, Gorodok, and Krychau. Deadline - May 31, 2021
4.4.2.2.	Development of urban planning requirements for investment sites of pilot municipalities, taking into account the principles of green urban development										(1) The activity started in 2020 and will continue in 2021. Documents with urban planning requirements, taking into account the principles of green urban, for investment sites (1 in each municipality) within the framework of the developed green urban plans have been developed for 4 pilot municipalities (Zelva, Korma, Gorodok, Krichev) (joint activity 1.2.3.2.); (2) The documents have been submitted and approved by the administrations of the pilot cities. Deadline - July 31, 2021
4.4.2.3.	Development of project proposals for specific projects identified within the green urban development plans to submit to donors.	3,800	3,900		7,700	5,000	2,700	62000/10003	71300 - Local consultants	UNDP/ MoENV	(1) Project proposals have been prepared for the implementation of activities (2 in each municipality) within the framework of the developed green urban development in 4 pilot municipalities (Zelva, Korma, Krichev, Gorodok) to be provided to donors, investors (joint activity with 1.2.3.3.); (2) Project proposals have been submitted to municipalities for further submission to donors, investors. Deadline - May 31, 2021.
		1,000			1,000		1,000	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV	(1) Project proposals have been prepared for the implementation of activities (2 for each city) within the framework of the green urban development plans (prepared for Zelva, Korma, Krychau, Gorodok) to be provided to donors, investors (https://drive.google.com/drive/folders/1xOW6LhLp4OdE60lv1u8tYDxpS5vWk-L?usp=sharing) (joint activity with 1.2.3.3.); - Zelva: (a) purification of the water of the Zelva reservoir with planktonic chlorella and the establishment of equipment for feed production (total investments funds - 1,087.7 thousand euros); (b) energy reconstruction and thermal modernization of the Zelva district hospital in combination with installation of solar collectors for heating and hot water supply (total investments funds - 1,236.1 thousand euros); - Korma: (a) modernization of water supply and sewerage systems (total investments funds - 1,307.7 thousand euros); (b) installation of LED street lighting with modern control and management systems (total investments funds - 398.55 thousand euros); - Krychau: (a) creation of infrastructure for environmentally friendly transport (total investments funds - 1,204.82 thousand euros); (b) installation of LED street lighting with modern control and management systems (total investments funds - 65.8 thousand euros); - Gorodok: (a) creation of infrastructure for environmentally friendly transport (total investments funds - 335.24 thousand euros); (b) installation of LED street lighting with modern control and management systems (total investments funds - 52.6 thousand euros); (2) Project proposals have been submitted and agreed with the city administrations. Deadline - July 31, 2021.
		200			200		200	62000/10003	71600 - Travel	UNDP/ MoENV	
IC security fee Component 4		50	50		100	58	42	62000/10003	71300 - Local consultants	UNDP/ MoENV	
Bank fee Component 4		50	50		100	40	60	62000/10003	74500 - Miscellaneous Expenses	UNDP/ MoENV	
GMS payment					100	1,338	- 1,238	30084/00012	75100- GMS	UNDP/ MoENV	
IC security fee for national and international consultants			50		50	47	3	30084/00012	71300 - Local consultants / 71200 - International consultants	UNDP/ MoENV	
Bank fee			20		20	15	5	30084/00012	74500 - Miscellaneous Expenses	UNDP/ MoENV	
Total Component 4 (GEF funds)		16,400	23,321		39,821	29,185	10,636				
Total Component 4 (UNDP funds)		6,480	70		6,550	12,879	- 6,329				
Component 5. Project Management											2 PB meetings were held: one electronic vote in May 2021 and regular (in hybrid format) meeting in September 2021. Minutes of the meetings were duly prepared and signed in Russian and English. Annual report for 2021 and report for the entire duration of the project implementation (2016-2021) in UNDP format, report on the results of the Project for the donor - GEF, annual report for 2021 and for the entire duration of the project implementation (2016-2021) for the Ministry of Economy, as well as other reports and information on the progress of the project and its results have been prepared. Project staff work in accordance with the project document and annual detailed work plan. Staff of the project worked in due order, with the majority of the planned targets and goals achieved.
PM1	Monitoring and reporting within the project										At least two meetings of the Project Board (PB) has been organized. Deadline - June, 2021. The minutes of the PB meeting are prepared and signed. The project management unit is constantly monitoring the project activities, as well as they are monitored by UNDP, GEF, MoEnv, and members of the PB. The project activities are updated, supplemented, adjusted according to the results of monitoring activities. All project reports are submitted and approved on time. Deadline - June 30, 2021 (for the annual report of the GEF (PIR) and Logs, annual report for 2021 and final report for the whole project implementation period to the UNDP and Ministry of Economy. Monitoring visits are conducted within the framework of activities implemented in pilot cities.
	Conduction of the terminal evaluation of the Project	16,000			16,000	16,000	-	62000/10003	71200 - International consultants	UNDP/ MoENV	Based on the results of the final evaluation of the project implementation, a report has been prepared. The report is approved with the UNDP and the Ministry of Environment. Deadline - June 30, 2021.

PM2	Project management and office functioning	2,000	1,700			3,700	3,352	348	62000/10003	71300 - Local consultants	UNDP/ MoENV	The project staff works in accordance with the Project document and the annual detailed working plan.	The project staff work in accordance with the Project document and annual detailed working plan. Project Staff worked in due order, with the majority of the planned targets and goals achieved. Delays in implementation of the project activities are caused by the reasons, which were beyond the project control. All the UNDP rules and requirements were met as well as requirements of the donor.
		12,823	12,823	7,256		32,902	32,627	275	62000/10003	71400 - Service contracts Individuals	UNDP/ MoENV		
		750	750			1,500	363	1,137	62000/10003	72100 - Contractual Services-Companies	UNDP/ MoENV		
			55			55	55	-	62000/10003	74500 - Miscellaneous Expenses	UNDP/ MoENV		
			500			500		500	62000/10003	73400 - Rental and Maintenance of other equipment	UNDP/ MoENV		
		800	800			1,600	1,851	- 251	62000/10003	72400 - Communic & Audio Visual Equip	UNDP/ MoENV		
		1,000	965			1,965	526	1,439	62000/10003	72500 - Office Supplies	UNDP/ MoENV		
Total Component 5		33,373	17,593	7,256	-	58,222	54,774	3,448					
Total (GEF funds) 2021		127,991	172,824	9,391	-	310,206	307,810	2,396					
Total (UNDP funds) 2021		6,480	70	-	-	6,550	12,879	- 6,329					
Total 2021*		134,471	172,894	9,391	-	316,756	320,689	- 3,933					

* - (*) - Accurate forecast of expenses is made before closure of the financial year 2021

Project Manager

Iryna Usava

DocuSigned by:

Iryna Usava

E33C13EEA1194BC...

15-дек-2021

Date

UNDP Programme Analyst

Igar Tchoulba

DocuSigned by:

Igar Tchoulba

F21FB0E037F1433...

15-Dec-2021

Date

Abbreviations

UNDP	United Nations Development Programme
Ministry of Environment	Ministry of Natural Resources and Environmental Protection of the Republic of Belarus
GEF	Global Environment Facility
MART	Ministry of antimonopoly regulation and trade of the Republic of Belarus
BNTU	Belarussian National Technical University
GUDP	Green Urban Development Plan
SUMP	Sustainable Urban Mobility Plan
SECAP	Sustainable Energy and Climate Action Plan
ESCO	Energy Service Companies
EBRD	European Bank for Reconstruction and Development
LED	Light Emitting Diode
PB	Project Board
PIR	Project Implementation Report