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Annual Project Review 2019

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

Project ID: 00090983

Expecte

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

Activity description					Total (USD)	Annual Target for 2019	Expenditures (USD)*	Balance	Fund/Donor	Budget Account	Executing entity/Responsible person (institution)	Overall project assessment of implemented activities (brief description)	
	Q1	Q2	Q3	Q4									
Component 1: Development and adoption of green urban development plans												(1) The analysis of the existing legislation in the field of urban development, street lighting and transport is made. Suggestions and recommendations for its improvement are developed; (2) Green urban development plans for Novogrudok, Novopolotsk and Polotsk have been developed and approved; (3) The directions for introducing green urban planning approaches into the practice of developing urban areas of the Republic of Belarus, including those in the field of sustainable urban transport and energy efficiency, are defined. Proposals for the development of three models of the transformation of residential areas in pilot cities (Polotsk, Novopolotsk, and Novogrudok), taking into account the principles and norms of green urban development have been developed; (4) 2 national seminars on the development, discussion and use of the concept of green urban development in the Republic of Belarus have been organized; (5) Proposals on the implementation of the MRV principles in the system of national spatial planning have been prepared.	
1.1. Proposed enhancements of national policies and regulations for energy efficiency of municipal assets and urban transportation												The analysis of the existing legislation in the field of urban development, street lighting and transport is made. Suggestions and recommendations for its improvement are developed.	
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		875	875	875	875	3 500	3 675	-175	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) 6 meetings have been organized to discuss recommendations for improvement of the national legislation in the area of urban development taking into account the criteria and indicators of green urban development, with the following groups of stakeholders: deputies of the House of Representatives, specialists from the Ministry of Architecture and Construction, the Ministry of Natural Resources, teachers of the Faculty of Architecture of Belarussian National Technical University (BNTU), and the Union of Architects during the following events: - International Practice & Research Conference "Innovations in Modern Architecture, Urban Planning and Design" (04/22/2019) at the Belarusian Union of Architects for the researchers, architects, and lecturers (42 participants, 27 women). The proposals were also stated in the article "APPROACHES TO THE PLANNING, DESIGN, AND REGULATION OF GREEN CITIES" that was published in the reviewed conference proceedings book "Architecture" # 12, 2019, BNTU); - Session III "Towards the Smart Sustainable Cities" at the International Workshop "Promoting Sustainable Development Goals on Urban Development Housing and Land Management in the Republic of Belarus" organized in cooperation with the Ministry of Architecture and Construction of the Republic of Belarus, UN-Habitat and UNECE (05/22/2019) attended by 74 (46 women) specialists in different fields of urban development from Belarus and CIS; - Seminar "Green urban planning: from theory to practical action" for deputies of the House of Representatives of the National Assembly of the Republic of Belarus, which was attended by 48 people (28 women) (06/25/2019) http://greencities.by/zelenoe-gradostroitelstvo-v-respublike-belarus-ot-teorii-k-praktike/ ; - A working meeting in the UE "BELNIIPGORODOSTROSTVO" on the development of green urban development plans with the participation of 20 people (13 women) (09.16.2019) http://greencities.by/zelenye-goroda-i-up-belniipgradostroitelstva-usilivayut-partnerstvo/ . Recommendations have been presented on the integration of green urban development plans in the development of urban development documents for the UE BELNIIPGRADOGROSTROVANIIE and the Ministry of Architecture and Construction; - A presentation for the listeners of the internship course "Best European experience in green design and construction. Legislation and institutional framework" (10/25/2019) arranged by the Ministry of Architecture and Construction of the Republic of Belarus for the experts from design and expertise institutions (19 interns, 12 women). - International scientific-practical seminar "Green design and urban planning: the transformation of the existing development" joint event with the Union of Architects, the Ministry of Architecture and Construction, the Faculty of Architecture of BNTU with the participation of architects, practitioners, representatives of science and NGOs, student architects from 3 universities (55 people, including 37 women) (11/29/2019). Based on the results of the seminar, 2 articles were published - in the newspaper "Republican Newspaper on Construction" (12/12/2019 № 46 (835)) and journal "Architecture and Construction" (#6, 2019) with proposals for introducing the principles of green urban planning in the transformation of public spaces in Belarusian cities. (2) Proposals for improvement of the national policy in the field of green urban planning in the form of draft regulatory legal acts, recommendations for legal documents and strategic documents of urban development of cities of the Republic of Belarus are developed (joint activities 1.1.2, 1.1.3, 1.3.1 and 1.3.2). Proposals are submitted to the Ministry of Environment, the Ministry of Architecture and Construction and other stakeholders. Deadline - December 30, 2019.	
							1 000	735	265	62000/10003	72100 - Contractual Services-Companies		UNDP / MoENV
							250	250	0	62000/10003	71600 - Travel		UNDP / MoENV
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		875	875	875	875	3 500	3 675	-175	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) The proposals for the update of the methodology for the assessment of emissions from transport have been finalized. The report with proposals is submitted and approved by the MoEnv. The activity has been started in Y2018 and continued in Q1 Y2019. Deadline - March 30, 2019; (2) The proposals have been prepared for amendment of legislative and regulatory documents in the field of sustainable transport development. Proposals are submitted and approved with the MoEnv, the Ministry of Transport and other stakeholders. Deadline - December 1, 2019. (1) The proposals for the update of the methodology for the assessment of emissions from transport have been finalized. Proposals are submitted and approved by the Ministry of Environment. Deadline - July 2019; (2) Proposals have been prepared for amendment of the Law on Road Traffic. The proposals are submitted by the Traffic Police of the Ministry of Internal Affairs, the House of Representatives of the National Assembly. Deadline - August 30, 2019; (3) A draft of the Decree of the Council of Ministers "Methodological recommendations on the content, procedures for the development, coordination, approval, implementation, monitoring, and adjustment of a plan of sustainable urban mobility" has been finalized. The document has been submitted to the MinEnv and Ministry of Transport. Deadline - December 2019; (4) Work has been started on the development of the proposals for amendment of technical norms on the issue of classification of streets and the main characteristics of the transport infrastructure in order to promote sustainable transport and mobility in the Republic of Belarus. Deadline - April 2020.	
							2 500	5 000	0	62000/10003	71300 - Local consultants		UNDP / MoENV

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					Consultations with the Department of Energy Efficiency and other stakeholders to discuss the possibility to include into the national normative documents the recommendations on the introduction of changes in the existing standards and rules for street lighting prepared in Y2018 are arranged (at least 2 working meetings). Deadline - March 30, 2019.	62000/10003			UNDP / MoENV	(1) A working meeting has been arranged with representatives of the Department of Energy Efficiency to discuss the issues of implementation of mechanisms for energy service contracts (ESCO) in the Republic of Belarus. Deadline - October 2019; (2) Consultations have been arranged with national partners and international financial institutions, including World Bank, on the development of legislative aspects of the implementation of energy service contracts (ESCO) in the Republic of Belarus with the involvement of an international consultant (with the support of the regional project UNDP-RTF / 00102117 "Regulatory Framework to Promote Energy Efficiency in Countries of the Eurasian Economic Union"). Deadline - December 2019.		
1.2. Green Urban Development Plans for Cities of Novogrudok, Polotsk and Novopolotsk											Green urban development plans for Novogrudok, Novopolotsk and Polotsk have been developed and approved.		
1.2.1.	Preparation of the surveys of the status of pilot cities in accordance with the criteria of green urban development		3 000			An architecture for collection and update of statistical and spatial information on urban indicators for pilot cities has been prepared. Deadline - December 1, 2019	3 000	0	62000/10003	71300 - Local consultants	UNDP / MoENV	(1) Architecture for collection and update of statistical and spatial information on urban indicators for pilot cities have been prepared. Deadline - December 2019; (2) Electronic maps on urban development indicators for pilot cities are available on the project website http://greencities.by/proekt-zelenye-goroda-razrabotal-20-elektronnyh-kart-dlya-kazhdogo-pilotnogo-goroda/ . Deadline - April 15, 2019.	
1.2.2.	Conduction of consultations with the stakeholders regarding the development of green urban development plans for Novogrudok, Novopolotsk and Polotsk	150			150	Public hearings of the prepared urban development plans for pilot cities are arranged in Polotsk, Novopolotsk and Novogrudok. At least 150 citizens of Polotsk, Novopolotsk and Novogrudok participated in public hearings. Deadline - February 25, 2019.	61	89	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	(1) Public hearings of the prepared urban development plans for pilot cities are arranged in Polotsk, Novopolotsk, and Novogrudok. 210 citizens of Polotsk, Novopolotsk, and Novogrudok participated in public discussions (170 citizens filled out questionnaires and 40 people left their comments on the sites). (2) The results of the discussions are published in local media: http://novgazeta.by/news/oficialno-zhitei-novogrudka-priglashty-sya-k-obsuzhdeniyu-plana-dalneyshego-razvitiya-goroda/ ; http://novgazeta.by/news/oficialno-u-navagrudku-zavyarshylasya-gramadskae-abmerkavanne-plana-zyalyenagagoradabuda-nitstva-navagrudak-z/ ; https://bit.ly/2kvS6Cl . http://greencities.by/plany-zelenogo-razvitiya-dlya-polotska-i-novopolotska-proekt-zelenye-goroda-podvodit-itogi/ . (3) Public opinion has been taken into account when finalizing the content of green urban development plans.	
									62000/10003	71600 - Travel	UNDP / MoENV		
1.2.3.	Preparation of three green urban development plans for Novogrudok, Novopolotsk and Polotsk	800			800	(1) The preparation of green urban development plans for the pilot cities: Polotsk, Novopolotsk and Novogrudok has started in Y2018. Consultant for provided support to the pilot cities have been hired in Y2018 and continued to work until February 28th, 2019. (2) Green urban development plans for Polotsk, Novopolotsk and Novogrudok are developed and approved by the city administrations of the pilot cities. Deadline - February 28, 2019. (3) Green urban development plans are approved by local Councils of	800	0	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP / MoENV	(1) Green urban development plans for Polotsk, Novopolotsk, and Novogrudok have been developed and approved with the city administrations of the pilot cities. Deadline - June 30, 2019; (2) The developed green urban development plans have been submitted for approval to the local Councils of Deputies of the pilot cities (Polotsk, on August 27, 2019 Decision №87; Novopolotsk on September 17, 2019, Decision № 82; Novogrudok - on September 20, 2019, Decision № 77); (3) The developed green urban development plans are uploaded on the Project webpage (www.greencities.by) and webpages of local administrations.	
									62000/10003	71300 - Local consultants	UNDP / MoENV		
1.3. Green urban development activities that are integrated into existing legal and regulatory framework											The directions for introducing green urban planning approaches into the practice of developing urban areas of the Republic of Belarus, including those in the field of sustainable urban transport and energy efficiency, are defined. Proposals for the development of three models of the transformation of residential areas in pilot cities (Polotsk, Novopolotsk, and Novogrudok), taking into account the principles and norms of green urban development have been developed.		
1.3.1.	Development of the strategic directions of the national urban development policy in Belarus regarding green urban development, including the questions of sustainable urban transport and energy efficiency		875	875	875	875	3 500	3 675	-175	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) Comments and suggestions on the draft of the concept of the National Strategy for Sustainable Development - 2035 were prepared. Proposals were submitted to the Ministry of Economy (January 23, 2019). The proposals were partially taken into account when finalizing the concept of NSUR-2035. Deadline - February 2019; (2) Proposals and recommendations have been prepared, which are included in the Country profile of housing and land use, which contains recommendations to the Government of the Republic of Belarus on urban development and housing policy. Deadline - May 2019; (3) Proposals have been prepared for inclusion in the Action Plan for ensuring the energy security of the Republic of Belarus in terms of ensuring energy efficiency, energy security, and sustainable development. The proposals were sent to all government bodies and partially included in the Plan. Deadline - June 2019; (4) Overview of the development of smart cities in the framework of the Green Cities Project has been prepared. The review is posted on the Project webpage (www.greencities.by). Deadline - December 30, 2019.
1.3.2.	Revision of the existing normative and technical documents in the field of urban development considering the criteria and indicators of green urban development		875	875	875	875	3 500	3 675	-175	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	Proposals to the draft Code of the Republic of Belarus on architectural, urban planning and construction activities edited by results of public discussions (until September 19, 2019) and submitted to the House of Representatives of the National Assembly of the Republic of Belarus (declared deadline until January 1, 2020) have been prepared. The proposals cover the following issues: (1) Application of performance indicators for architectural, urban planning and construction activities for monitoring; (2) The involvement of the public in the process of development and monitoring of decisions in the area of urban development. Deadline - December 15th, 2019.
1.3.3.	Development of designs for a typical residential area that meets the principles and norms of green urban development that will promote new approaches to spatial planning in Belarus	45 960			45 960	First edition of projects of typical residential neighborhoods have been developed taking into account the principles and norms of green urban development (for each pilot city the typical residential areas which require reconstruction will be selected; the concept of reconstruction / transformation of these areas is developed taking into account the principles of green urban development). Deadline - December 15, 2019.	45 960	0	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	(1) A tender was held and a contract was signed for the provision of services for the development of three models of the transformation of residential areas in pilot cities, taking into account the principles and norms of green urban development (Gromy district in Polotsk; the central region in Novogrudok; district No. 9 in Novopolotsk). Deadline - June 2019; (2) Stage 1 of the contract has been completed - 3 scenarios have been proposed for each selected area. Public consultations are arranged on the selection of a priority scenario for development. Working scenarios for each selected area have been approved by local administrations. Deadline - December 30, 2019.	
									62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV		
1.3.4.	Development of a manual on the preparation of green urban development plans	7 000			7 000	A Manual on the preparation of green urban development plans is developed and approved by the Ministry of Environment, the Ministry of Architecture and Construction, local administrations of pilot cities. Deadline - June 30, 2019.	7 000	0	62000/10003	71300 - Local consultants	UNDP / MoENV	A preliminary version of the manual on the development of green urban development plans has been prepared. The deadline of the development of the manual have been extended, taking into account the need for testing the manual on the example of 4 additional cities (Zelva, Korma, Krichev, Gorodok). Deadline - February, 2020.	
									62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP / MoENV		
1.4. National Workshops on development of GUDPs for other cities											2 national seminars on the development, discussion and use of the concept of green urban development in the Republic of Belarus have been organized		
1.4.1.	Conduction of national seminars on development of green urban development plans		1 500	1 500	500	More than 100 representatives of stakeholders (representatives of relevant scientific and design organizations, ministries, city administrations, educational institutions, non-governmental organizations, international and national experts) have gained new knowledge in green urban development based on national and international experience during national seminars (including a joint workshop with UN Habitat, UNECE (May 20-24, 2019 and annual seminar in pilot cities). Deadline - December 1, 2019.	2 455	1 045	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	a) 182 (including 96 women) representatives of specialized scientific and practical, design organizations, ministries, city administrations, educational institutions, non-governmental organizations, international and national experts gained new knowledge in the field of green urban development during the international conference held in Minsk "Promotion of sustainable development goals in the field of housing, urban planning and land use in the Republic of Belarus" http://greencities.by/na-puli-k-umnym-ustojchivym-gorodam-v-litsah-isitalah-tezisah/ b) More than 100 people took part in the ITU-UN Habitat-UNDP "Smart sustainable cities: technological trends, success stories and prospects" international conference (February 26-27, 2019, Minsk) http://greencities.by/vera-sysoeva-ekspert-po-zelenomu-gradostroitelstvu-proekt-zelenye-goroda-my-sobrali-bolshuyu-bazu-ushpeshnyh-zarubezhnyh-praktik-v-sfere-zelenogo-gradostroitelstva-neobhodim-kompleksnyj-integririvannyj/ and received new knowledge about the development of smart cities, use of performance indicators for the development of urban agenda; (c) 70 participants (32 women) attended the final annual conference of the Project on December 5-6 in Polotsk / Novopolotsk and got information about the implementation of green urban development principles, search for finance of infrastructure projects, use of performance indicators under development of green urban development plans.	
									62000/10003	71300 - Local consultants	UNDP / MoENV		
									62000/10003	71400 - Service contracts individuals	UNDP / MoENV		
									62000/10003	75700 - Trainings, educational activities	UNDP / MoENV		
									62000/10003	71600 - Travel	UNDP / MoENV		

1.4.2.	Preparation and publishing of information materials regarding development of green urban development plans		1 000			1 000	Information materials on green urban development are developed and disseminated between main stakeholders in small and medium-sized cities of Belarus. Deadline - December 1, 2019		1 000	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP / MoENV	Information materials on green urban development have been developed and disseminated between main stakeholders in small and medium-sized cities of Belarus. Deadline - December 30, 2019. The following informational materials have been developed, published and disseminated: - 3 original layouts of billboards for placement in pilot cities, - the electronic version of the "Green Urban Planning: Best Practices" bulletin for city administrations, - infographics (electronic version) based on surveys of residents of pilot cities, - promotional materials for the European Mobility Week (Charter, flyer (200 copies)), - Green Urban Development Plans (GUDP) design mock-ups for 3 pilot cities, - cartographic materials for pilot cities - 11 items; - 70 eco-flash drives with project information materials for the participants of the final conference-2019.
1.5. Measuring, reporting and verification (MRV) framework for GUD in Belarus													Proposals on the implementation of the MRV principles in the system of national spatial planning have been prepared.
1.5.1.	Review of the best practices for implementing the MRV system for green urban development						The activity is completed in Y2017	-				UNDP / MoENV	Activity is implemented in Y2017
1.5.2.	Development of recommendations for the introduction of the MRV system for the cities of Belarus	875	875	875	875	3 500	A report was prepared on the development and implementation of MRV principles in the system of national territorial planning. Activities are coordinated with the GEF-Ministry of Environment Project "Capacity Building for Developing a Greenhouse Gas Emissions Trading System and Strengthening Monitoring, Reporting, Verification in the Republic of Belarus" on the development of MRV mechanisms at the regional level. Documents for monitoring, verification and certification of greenhouse gas emission reductions for pilot initiatives have been prepared. Deadline - December 15,	3 676	-176	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	The report with proposals on the development and implementation of MRV principles in the system of national spatial planning has been prepared. MRV implementation issues are being worked out taking into account the implementation in Belarus of a separate project of international technical assistance on MRV, as well as the implementation of work on the development of 7th National Communication. The report is approved by Ministry of Environment. Deadline - December 30, 2019.
			5 000			5 000		4 990	10	62000/10003	71300 - Local consultants	UNDP / MoENV	
IC security fee Component 1						500		548	-48	62000/10003	71300 - Local consultants	UNDP / MoENV	
						550		227	323	62000/10003	71200 - International consultants	UNDP / MoENV	
Bank fee Component 1		50	50	50	50	200		86	114	62000/10003	74500 - Miscellaneous Expenses	UNDP / MoENV	
Gain and Losses								13	-13	62000/10003	76125/76125 - Gain and losses	UNDP / MoENV	
Total Component 1		16 450	66 760	9 500	8 650	101 360		96 425	4 935				
Component 2: Development of pilots on SUT in Novopolotsk and Polotsk													(1) An integrated plan for sustainable urban mobility for Polotsk and Novopolotsk has been developed and approved, taking into account the relationship between the two cities and the general needs for mobility; (2) A feasibility study on the development of the cycling network of Polotsk and Novopolotsk is prepared. Informational and educational activities on the promotion of cycling network and bikes use are organized (joint activity 4.3.3.); (3) A feasibility study about measures to improve the quality and efficiency of public transport in Polotsk and Novopolotsk has been developed; (4) Tender documents have been developed, procurement procedures have been organized for the construction of a bicycle network in Polotsk and Novopolotsk; (5) Tender procedures have been organized to implement measures aimed at improving the public transport services in Polotsk and Novopolotsk. The construction of three traffic lights in the city of Novopolotsk has been completed, a dedicated lane for public transport in the city of Polotsk has been constructed.
2.1. Integrated Sustainable Urban Mobility Plan (ISUMP) for Polotsk and Novopolotsk													An integrated plan for sustainable urban mobility for Polotsk and Novopolotsk has been developed and approved, taking into account the relationship between the two cities and the general needs for mobility.
2.1.1.	Review of the existing and proposed transport plans of Polotsk and Novopolotsk						The activity is completed in Y2017					UNDP / MoENV	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					UNDP / MoENV	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)					UNDP / MoENV	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					UNDP / MoENV	The activity is completed in Y2018
2.1.5.	Development of ISUMP for Polotsk and Novopolotsk	500				500	(1) The development of an integrated plan for sustainable urban mobility has been started in Y2018. (2) An integrated plan of sustainable urban mobility for Novopolotsk and Polotsk has been developed and approved by the local administrations of Polotsk and Novopolotsk at a meeting of the coordination group (activity 2.1.7). Deadline - February 28, 2019; (3) A unified plan of sustainable urban mobility For Polotsk and Novopolotsk approved by local Councils of Deputies of the pilot cities: Polotsk and Novopolotsk.	325	175	62000/10003	71600 - Travel	UNDP / MoENV	(1) An integrated plan of sustainable urban mobility for Polotsk and Novopolotsk has been developed and approved by the Polotsk District Executive Committee (08/01/2019) and the Novopolotsk City Executive Committee (07/15/2019); (2) A geographic information system for the transport infrastructure facilities in the cities of Polotsk and Novopolotsk has been developed. Deadline - March, 2019; (3) The first version of the methodological guideline on the development of sustainable urban mobility plans has been developed. The guideline is available on the Project webpage: www.greencities.by. Deadline - December 30, 2019.
		1 000				1 000		613	387	62000/10003	74200 - Audio Visual&Print Prod Costs	UNDP / MoENV	
		700				700		280	420	62000/10003	71300 - Local consultants	UNDP / MoENV	
2.1.6.	Conduction of consultations with the stakeholders on the development of ISUMP for Novopolotsk and Polotsk	350				350	At least 100 representatives of representatives of local administrations, scientific and educational institutions, business, NGOs and local residents took part in consultations to discuss the activities of an integrated plan for sustainable urban mobility in Polotsk and Novopolotsk. The collected ideas are presented to local administrations and developers of SUMP for consideration and inclusion in the final version of an integrated SUMP for Polotsk / Novopolotsk. The activity has been started in Y2018 and continued in the Q1 of Y2019. Deadline - February 28, 2019	352	-2	62000/10003	71600 - Travel	UNDP / MoENV	65 representatives of local administrations, scientific and educational institutions, businesses, NGOs and local residents took part in consultations to discuss the activities of an integrated plan for sustainable urban mobility in Polotsk and Novopolotsk. The collected ideas have been presented to local administrations and developers of the SUMP for consideration and inclusion in the final version of an integrated SUMP for Polotsk / Novopolotsk. The results of the discussions were published in local media: https://bit.ly/2kvS6C1 https://gorod214.by/new/3692 https://gorod214.by/new/3714 https://gorod214.by/new/3481 https://gorod214.by/new/3471 http://greencities.by/po-glavnoj-ulitse-novopolotska-prakalitsiya-zelenaya-volna/ Deadline - May 2019.
		1 100				1 100		1 095	5	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	
2.1.7.	Forming a joint coordinating mechanism for the development of ISUMP	1 500	600	400		2 500	Joint coordination group for Polotsk and Novopolotsk for the implementation of measures for sustainable transport and mobility is in operation. The working meetings to discuss the schedule and the progress of the implementation of pilot initiatives, developed within an integrated SUMP for agglomeration "Polotsk-Novopolotsk" are organized (at least 1 coordination group meeting per quarter). Minutes of the meeting of the coordinating group are prepared and approved by local administrations of Polotsk and Novopolotsk. Deadline - December 15, 2019	2 433	67	62000/10003	71600 - Travel	UNDP / MoENV	The results and progress of the implementation of measures to develop the bicycle network and improve the quality of public transport in Polotsk and Novopolotsk are discussed at meetings with representatives of the administrations of both municipalities once a month.
		9 600				9 600		9 600	0	62000/10003	71200 - International consultants	UNDP / MoENV	
		2 000	10 000	2 570		14 570		14 321	249	62000/10003	71300 - Local consultants	UNDP / MoENV	
2.1.8.	Organization of study tours on the topic of green urban development, including the questions of urban mobility and energy efficiency		1 700		1 300	3 000	Representatives of stakeholders are familiarized with the best examples of European practice of implementing green urban development plans, including issues of mobility and energy efficiency at conferences, workshops, seminars and exchange visits. Deadline - December 1, 2019	1 692	1 308	62000/10003	71600 - Travel	UNDP / MoENV	Representative of the Ministry of Environment took part in the 35th session of the Bureau for the Implementation of the Pan-European Program on Transport, Environment and Health (letter from the Ministry of Environment dated 04/17/2019).
2.2. A detailed feasibility study for the integration and extension of the Cycling Network for Polotsk and Novopolotsk													A feasibility study on the development of the cycling network of Polotsk and Novopolotsk is prepared. Informational and educational activities on the promotion of cycling network and bikes use are organized (joint activity 4.3.3.)
2.2.1.	Audit of the existing cycling network in Polotsk and Novopolotsk						The activity is completed in Y2018					UNDP / MoENV	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																		UNDP / MoENV	The activity is completed in Y2018
2.2.3.	Study tours																		UNDP / MoENV	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			250			250			130	120	62000/10003	75700 - Trainings, educational activities						UNDP / MoENV	Joint activity with 4.3.3.
2.3. Detailed feasibility study to improve the quality and efficiency of public transport Polotsk and Novopolotsk																				A feasibility study about measures to improve the quality and efficiency of public transport in Polotsk and Novopolotsk has been developed.
2.3.1.	Development of comprehensive feasibility study to improve the quality and efficiency of public transport in Polotsk and Novopolotsk																		UNDP / MoENV	The activity is completed in Y2018
2.4. Investment in the cycling network																				Tender documents have been developed, procurement procedures have been organized for the construction of a bicycle network in Polotsk and Novopolotsk.
2.4.1.	Development and approval of the technical specifications for the equipment, which is purchased from project's funds																		UNDP / MoENV	The activity is completed in Y2018
2.4.2.	Development and approval of the design documentation in accordance with the national legislation	3 000		1 450		550	5 000			7 802	-2 802		71300 - Local consultants					UNDP / MoENV	(1) Contracts have been signed with national consultants for the development of a scheme for organizing a cycling movement: (a) Molodzezhnaya str. in Novopolotsk (from Kalinin Square to Genova St.); in the city of Polotsk (Gogol St., Zygin St. and Otkyabrskaya St.); (b) between the cities of Polotsk and Novopolotsk through the village, Ekiman. The work is completed and approved with traffic police, Polotsk District Executive committee, and Novopolotsk City Executive Committee. Deadline - April 15, 2019.	
		4 600	4 600				9 200			9 159	41	62000/10003	71400 - Service contracts individuals					UNDP / MoENV		
2.4.3.	Purchase of equipment that is necessary for development of the cycling network in Polotsk and Novopolotsk					30 000	30 000					30 000	62000/10003	72100 - Contractual Services-Companies				UNDP / MoENV	(1) Construction design for bicycle parking has been developed. The design construction of bicycle parking is available on the Project webpage (www.greencities.by) and on the webpage of the Minsk Cycling Society (www.bike.org). The design construction for bike parking is approved by Novopolotsk City Executive Committee, Minsk Bicycle Society and the Ministry of Environment. Deadline - October 2019; (2) The terms of reference for the purchase of 5 bicycle garages for installation in Novopolotsk have been prepared and tender has been arranged for the production and installation of 5 bicycle parking in Novopolotsk. A contract has been signed for the production and installation of bicycle parking. Deadline - May 15, 2020.	
				4 500		4 500	9 000			9 200	-200	62000/10003	71400 - Service contracts individuals					UNDP / MoENV		
2.4.4.	Implementation of construction and installation works on the development of the cycling network in Polotsk and Novopolotsk. Delivery, assembling and installation					11 000	11 000			31 569	-20 569	62000/10003	72100 - Contractual Services-Companies					UNDP / MoENV	(1) Terms of reference have been developed and approved, the tender has been held and a contract has been signed for the restoration of marking and installation of road signs on a bicycle path in Novopolotsk along str. Molodzezhnaya (from Kalinin Square to Genova St.). The work is completed. Deadline - August 30, 2019; (2) Terms of reference have been developed and approved, the tender has been held and contracts have been signed for the services on organization of a bicycle path in the city of Polotsk on str. Gogol: lowering borders, marking, installation of road signs, the installation of small architectural forms. The works are partly completed. The works will be continued in spring 2020. Deadline - May 30, 2020; (3) Terms of reference have been developed and approved, the tender has been held and a contract has been signed for the construction of a 100-meter bicycle path in the city of Polotsk (along Zygin St.) and the restoration of the sidewalk along str. Zygina. Deadline - June 30, 2020; (4) Terms of reference have been developed and approved, a tender has been held and a contract has been signed for the construction of a bicycle path in a city park in Novopolotsk with a length of 450 meters (decision of the Project Board of 12/18/2018). The construction works have been fully completed. Deadline - November 15, 2019; (5) Based on the minutes of the Project Board (17.10.2019) funds have been redistributed from the arrangement of bike path between Polotsk and Novopolotsk for the activities related to the promotion of sustainable mobility and bike networks in Polotsk and Novopolotsk. Deadline - October 2019.	
				7 000		130 000	137 000			94 330	42 670	62000/10003	72300 - Material and Goods					UNDP / MoENV		
2.4.5.	Monitoring of the efficiency of implemented activities										0	62000/10003						UNDP / MoENV	Activities are planned for Y2020	
2.5. Investment in improved public transport services (modernization of infrastructure, organization of allocated lanes, introduction of priority systems at traffic lights)																				Tender procedures have been organized to implement measures aimed at improving the public transport services in Polotsk and Novopolotsk. The construction of three traffic lights in the city of Novopolotsk has been completed, a dedicated lane for public transport in the city of Polotsk has been constructed.
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	4 500					4 500			4 594	-94	62000/10003	71400 - Service contracts individuals					UNDP / MoENV	According to the results of the developed comprehensive feasibility study (activity 2.3.1), the TORs for the purchase of services/equipment to improve the quality and efficiency of public transport in Polotsk and Novopolotsk are prepared: (1) development of design documentation for the installation of traffic lights at pedestrian crossings in Novopolotsk at the address: st. Maladzezhnaya No. 54, No. 103, bus stop "Hotel Nafitan"; (2) construction works on the installation of traffic lights at pedestrian crossings in Novopolotsk at the address: st. Maladzezhnaya No. 54, No. 103, bus stop "Hotel Nafitan"; (3) adjustment of the traffic management scheme in the city of Polotsk; (4) the arrangement of a dedicated lane for public transport of 4 km long; (5) purchase and installation of 22 controllers for traffic lights in Polotsk and Novopolotsk; (6) development of constructive design for public transport stops in Polotsk and Novopolotsk; (7) production and installation of 10 public transport shelters in Polotsk and Novopolotsk; (8) production and installation of 20 information boards at public transport stops in Polotsk and Novopolotsk; (9) development of design documentation for the area improvement of 10 public transport stops in Polotsk and Novopolotsk. The Terms of reference have been approved by the Polotsk District Executive Committee, the Novopolotsk City Executive Committee and the Ministry of Environment.	
2.5.2.	Development and approval of design documentation for the development of public transport in Polotsk and Novopolotsk	4 575					4 575			4 575	0	62000/10003	71400 - Service contracts individuals					UNDP / MoENV	(1) A tender has been held for the purchase of services for the development and approval of design documentation for the project "Construction of traffic lights at pedestrian crossings in Novopolotsk at the address: Molodzezhnaya str. No. 54, No. 103, bus stop "Hotel Nafitan". Deadline - February 12, 2019. Design documentation was developed and approved in accordance with national legislation, as well as with the Novopolotsk City Executive Committee, UNDP. Deadline - May 30, 2019; (2) A tender has been held for the purchase of services for the development of design estimates for the adjustment of the traffic management scheme in Polotsk. Deadline - February 12, 2019. The adjustment of the traffic management scheme was agreed in accordance with national legislation, Polotsk District Executive Committee, UNDP. Deadline - May 30, 2019;	
		15 500				28 200	43 700			43 614	86	62000/10003	72100 - Contractual Services-Companies					UNDP / MoENV	(3) A tender has been held and a contract has been signed for the development of design documentation for the area improvement of public transport stops in Polotsk and Novopolotsk. Deadline - December 30, 2019.	

2.5.3	Implementation of construction and installation works on the development of the public transport in Polotsk and Novopolotsk. Delivery, assembling and installation				10 200	10 200	A tender for construction and installation work on the development of public transport in Polotsk and Novopolotsk is announced. The contract with the company is signed. Deadline - June 30, 2019. The construction work has started in July 2019 and continued in the Q1 of Y2020.	9 376	824	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	(1) A tender has been held and a contract has been signed on the construction of three traffic lights at pedestrian crossings in Novopolotsk at the following address: Molodezhnaya str. No. 54, No. 103, bus stop "Hotel Naltan". Construction work has started and will be completed by February 2020; (2) A tender has been held and a contract has been signed for the allocation of a separate lane for public transport in Polotsk. The work is completed. Deadline - August 22, 2019; (3) A tender has been held and a contract has been signed for the production and installation of 22 controllers for traffic lights in Polotsk and Novopolotsk. Deadline - March 30, 2020; (4) A tender has been held and a contract has been signed for the production and installation of 20 informational boards for public transport stops in Polotsk and Novopolotsk. Deadline - April 30, 2020; (5) A tender has been held and a contract has been signed for the production and installation of 10 public transport shelters in Polotsk and Novopolotsk. Deadline - May 30, 2020.	
					163 000	163 000		166 436	-3 436	62000/10003	72300 - Materials and Goods	UNDP / MoENV		
				86 500	6 000	92 500		86 314	6 186	62000/10003	73200 - Construction costs	UNDP / MoENV		
					24 000	24 000		23 432	568	62000/10003	72800 - Information Technology Equipment	UNDP / MoENV		
					4 500	4 500		9 201	-201	62000/10003	71400 - Service contracts individuals	UNDP / MoENV		
			1 500	9 500	5 000	16 000		16 300	-300	62000/10003	71300 - Local consultants	UNDP / MoENV		
2.5.4.	Monitoring of the efficiency of implemented activities					-	Activities are planned for Y2020	-	0	62000/10003		UNDP / MoENV	Activities are planned for Y2020	
IC security fee Component 2				100		100		230	-130	62000/10003	71300 - Local consultants	UNDP / MoENV		
Bank fee Component 2		50	50	50	50	200		112	88	62000/10003	74500 - Miscellaneous Expenses	UNDP / MoENV		
Gain and Losses								-	125	125	62000/10003	76125/76125 - Gain and losses	UNDP / MoENV	
Total Component 2		35 875	21 200	135 200	410 270	602 545		546 960	55 585					
Component 3: Development of pilots on energy efficiency in Novogrudok													(1) A detailed comprehensive feasibility study has been developed on the installation of LED street lighting in Novogrudok with the introduction of the modern monitoring and control systems; (2) Construction works on modernization of street lighting in the city of Novogrudok have been completed.; (3) Preparatory work to implement the second pilot initiative in the city of Novogrudok (introduction of a smart energy metering system at housing facilities) through the development of a feasibility study to determine the costs and results of the initiative, including reducing resource consumption and the reduction greenhouse gas emissions, have been completed. Design documentation has been developed.	
3.1. Detailed feasibility studies on energy efficiency measures in Novogrudok and other cities in Belarus													A detailed comprehensive feasibility study has been developed on the installation of LED street lighting in Novogrudok with the introduction of the modern monitoring and control systems.	
3.1.1.	Preparation of feasibility studies regarding for measures of increasing of energy efficiency in Novogrudok						The activity is completed in Y2018					UNDP / MoENV	The activity is completed in Y2018	
3.1.2.	Replication of activities concerning the installation of LED lighting in other cities of Belarus	3 000	2 000	3 000	2 730	10 730	(1) Feasibility study for street lighting for the city of Novogrudok has been disseminated between interested city administrations of the Republic of Belarus. The monitoring of the implementation of new projects in the field of improving the energy efficiency of street lighting in Belarus, as well as the analysis of technical solutions used in modernization projects to characterize the introduction of energy-efficient technologies in the field of street lighting, has been conducted. Deadline - December 15, 2019. (2) At least 30 representatives of the state bodies of small and medium-sized cities of Belarus, the Ministry of Natural Resources, the Department of Energy Efficiency, UNDP, Deputies and media (about 30 people) got information about results of the demonstration project and perspectives for using LED street lighting in cities of the Republic of Belarus. Deadline - December 15, 2019.	10 730	0	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) A feasibility study for street lighting for the city of Novogrudok has been finalized and disseminated between interested city administrations of the Republic of Belarus and uploaded on the project website www.greencities.by; (2) 53 representatives of the representatives of small and medium-sized cities of Belarus, the Ministry of Environment, the Department of Energy Efficiency, UNDP, deputies, and the media got information about results of the demonstration project and perspectives for using LED street lighting in cities of the Republic of Belarus within the framework of the 15th Republican Ecological Forum in Novogrudok (06/07/2019); (3) A feasibility study is under development on the modernization of street lighting for 7 other cities (Brest, Gorodok, Zelva, Korna, Novopolotsk, Polotsk, Pruzhany). The estimated investment in projects is over \$ 10 million. The completion date for the development of the feasibility study is February, 2020; (4) The developed feasibility study has been submitted to EBRD to discuss the possibility to receive financing for the implementation of the Project. Deadline - February, 2020.	
			3 500			3 500		3 586	-86	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV		
3.2. Investment in LEDs for lighting streets, control equipment and Energy Management Information Systems (EMIS)													Construction works on modernization of street lighting in the city of Novogrudok have been completed.	
3.2.1.	Development and approval of technical specifications for the equipment, purchased from project's funds						The activity is completed in Y2018					UNDP / MoENV	The activity is completed in Y2018	
3.2.2.	Development and approval of the design documentation according to the national legislation	10 730				10 730	Design documentation for the installation of LED street lighting in Novogrudok with control systems is developed and approved. Deadline - February 28, 2019	10 498	232	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	Design documentation for the installation of LED street lighting in Novogrudok with monitoring and control systems has been developed and approved. Deadline - March 15, 2019	
3.2.3	Purchase of equipment for modernization of lighting system in Novogrudok	300	300	300	300	1 200	Purchase of 400 LED lamps, street lighting control and management system is completed. Equipment is delivered. Deadline - September 30, 2019.	947	253	62000/10003	71600 - Travel	UNDP / MoENV	400 LED lamps, street lighting control and management system is completed. Equipment is delivered. Deadline - June 7, 2019.	
				1 900	1 900	1 868		32	62000/10003	72300 - Material and Goods	UNDP / MoENV			
				2 650	2 650	2 636		14	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV			
				1 250	1 250	1 216		34	62000/10003	71300 - Local consultants	UNDP / MoENV			
3.2.4.	Delivery, assembling and installation of equipment. Staff training						Purchase of 400 LED lamps, street lighting control and management system is completed. Equipment is delivered. Deadline - September 30, 2019.	-	0	62000/10003		UNDP / MoENV	(1) LED lamps and a street lighting monitoring and control system are installed and commissioned. Deadline - August 1, 2019. (2) The commissioning of smart street lighting was organized as a vibrant public event as part of the 15th Republican Ecological Forum, which was held in Novogrudok (joint activity 3.1.2.). The event was widely publicized in the national and local media (about 20 reports and articles were tracked).	
3.2.5.	Monitoring of the equipment operation						Activities are planned for Y2020	-	0	62000/10003		UNDP / MoENV	The monitoring of the operation of the equipment has been started in August 2019. The monitoring period is 12 months with monthly reporting on energy consumption. Deadline - August 2020.	
3.3. Investment in energy efficient equipment for municipal laundry														
3.3.1.	Purchase and installation of the energy efficient equipment for the laundry						Based on the minutes of the Project Board (02.02.2018) funds have been redistributed from the modernization of municipal laundry to the installation of a smart-metering system for consumption of resources at residential facilities in Novogrudok					UNDP / MoENV	Based on the minutes of the Project Board (02.02.2018) funds have been redistributed from the modernization of municipal laundry to the installation of a smart-metering system for the consumption of resources at residential facilities in Novogrudok.	

3.3.2.	Development and approval of technical specifications for the energy efficient equipment, purchased from the project's funds																			UNDP / MoENV		
3.3.3.	Development and approval of the design documentation according to the national legislation																			UNDP / MoENV		
3.3.4.	Purchase of equipment for modernization of laundry in Novogrudok																			UNDP / MoENV		
3.3.5.	Delivery, assembling and installation of equipment. Staff training																			UNDP / MoENV		
3.3.6.	Monitoring of the equipment operation																			UNDP / MoENV		
3.4. Investment in installation of a smart metering system for energy resources at residential facilities																					Preparatory work to implement the second pilot initiative in the city of Novogrudok (introduction of a smart energy metering system at housing facilities) through the development of a feasibility study to determine the costs and results of the initiative, including reducing resource consumption and the reduction of greenhouse gas emissions, have been completed. Design documentation has been developed.	
3.4.1.	Development and approval of technical specifications for the energy efficient equipment, purchased from the project's funds																			UNDP / MoENV	A term of reference has been developed for the development of design documentation for the installation of a smart metering system for energy resources at residential facilities in Novogrudok. The TOR is approved with the Ministry of Environment, UNDP, Novogrudok District Executive Committee. Deadline - May 10, 2019.	
3.4.2.	Development and approval of the design documentation according to the national legislation		9 075				9 075													UNDP / MoENV	(1) A tender for the procurement of services for the development of project documentation is announced. A contract with the company is signed. Deadline - February 28, 2019. (2) Design documentation have been developed and approved with the Novogrudok District Executive Committee, the Ministry of Environment, UNDP. Deadline - May 30, 2019.	
			1 500				1 500													UNDP / MoENV	(1) Terms of reference for the purchase of equipment for the installation of an intelligent metering system for energy resources for residential buildings at str. Karsky, 22 and str. Karsky, 24 in the city of Novogrudok is developed and approved by the Novogrudok District executive committee. Deadline - December 2019; (2) A tender has been announced for the purchase and installation of equipment for the installation of an intelligent gas metering system for residential buildings at str. Karsky, 22 and str. Karsky, 24 in the city of Novogrudok. The contract will be signed in February 2020. The installation of the equipment is planned by November 2020.	
3.4.3.	Purchase of equipment for the installation of a smart metering system for energy resources at residential facilities in Novogrudok					78 110	78 110													UNDP / MoENV	(1) TOR has been developed for the purchase of equipment for the installation of a smart metering system for energy resources at residential facilities in Novogrudok. The TOR is approved with the Ministry of Environment, UNDP, Novogrudok District Executive Committee. Deadline - April 30, 2019; (2) A tender for the procurement of services for the supply of equipment for installation of a smart metering system for energy resources at residential facilities in Novogrudok is announced. A contract with the company is signed. Deadline - August 30, 2019; (3) Equipment of a smart metering system for energy resources at residential facilities is delivered and installed. Equipment is put into operation. Deadline - January 30, 2020.	
			1 500			1 000	2 500													UNDP / MoENV		
3.4.4.	Delivery, assembling and installation of equipment. Staff training																			UNDP / MoENV	Activities are planned for Y2020	
3.4.5.	Monitoring of the equipment operation																			UNDP / MoENV	Activities are planned for Y2020	
IC security fee Component 3						50	50													UNDP / MoENV		
Bank fee Component 3			100			100	200													UNDP / MoENV		
Total Component 3			14 130		17 875	9 100	82 290															
Component 4: Replication mechanisms for green urban development in Belarus																						
4.1. Preparation of the Action Plan for Sustainable Energy Development and Climate for Novopolotsk																					The support to Novopolotsk in preparing an action plan for sustainable energy development and climate within the framework of the Covenant of Mayors on Climate and Energy has been provided	
4.1.1.	Collection of the baseline data for the development of the Action Plan for Sustainable Energy Development and Climate																			UNDP / MoENV	Activity is implemented in Y2018	
4.1.2.	Development and approval of the Action Plan for Sustainable Energy Development and Climate for Novopolotsk																			UNDP / MoENV	An action plan for sustainable energy development and climate for the city of Novopolotsk has been developed; the energy part has been prepared (Deadline - January 2019); the climate part has been finalized (Deadline - February 2020). The action plan on sustainable energy development and climate has been submitted for approval and approval to the Novopolotsk City Executive Committee.	
4.2. Update of the Action Plan for Sustainable Energy Development (SEAP) for Polotsk and Novogrudok																					The support to Novogrudok and Polotsk in the preparation of a monitoring report on the SEAP and the climatic part of the SECAP for the city of Polotsk has been provided.	
4.2.1.	Updated SEAP for Polotsk																			UNDP / MoENV	The action plan for sustainable energy development and climate for the city of Polotsk has been developed; the energy part has been prepared (Deadline - January 2019); the climatic part has been prepared (Deadline - February 2020). The action plan on sustainable energy development and climate has been submitted for approval to the Polotsk District Executive Committee.	
4.2.2.	Updated SEAP for Novogrudok																			UNDP / MoENV	Activity is implemented in Y2018	

4.3. Mechanism for promoting low carbon growth in Belarusian cities											Activities to inform and disseminate information on green urban development in the Republic of Belarus among stakeholders have been organized		
4.3.1.	Development of green urban development web-site	150				150	The website for green urban development is successfully hosted and operational. Informational and educational materials are uploaded to the web page. Deadline - December 15, 2019	67	83	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	The green urban development website has been successfully hosted and is operational (www.greencities.by). Informational and educational materials are uploaded to the web page.
4.3.2.	Analysis of the needs of various stakeholders for the development of green urban development in Belarus	5 390	5 390	5 390	5 392	21 562	Cooperation with projects on similar topics implemented in Belarus and abroad is continued. Deadline - December 1, 2019	21 423	139	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	The project works closely with some NGOs in the following areas: (1) The NGO Ecopartnership and the Local Fond "Interakcia" - support of signatory cities of the Agreement on Climate and Energy; participation in joint events, dissemination of information, support of signatory cities for the development of SECAP; (2) Minsk Cycling Society - the organization of European Mobility Week and the promotion of cycling in the cities of Belarus; (3) NGO "EKAPRAEKT" - cooperation within the framework of the EU-funded project "Public Administration (KOMGOR) - communication and management for public participation in urban management in Belarus"; (4) UNDP-RTF / 00102117 Regional Project "Regulatory Framework to Promote Energy Efficiency in Countries of the Eurasian Economic Union" - in the field of energy efficiency of street lighting, energy service mechanisms. The project has prepared proposals for the development of energy services in Belarus as part of a separate project of international technical assistance. The terms of reference for the recruitment of an international consultant in the field of ESCO are currently under development. Deadline - December 2019.
4.3.3.	Dissemination of information materials and publication in the Internet sources	5 000				5 000	(1) At least 100 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 - December 1, 2019; (2) At least 3 press tours are arranged to demonstrate the implementation of the project in Novogrudok, Polotsk and Novopolotsk. Deadline - December 1, 2019; (3) Five issues of the newsletter "Best practices of green urban development" (one issue per quarter) are developed and upload online. Deadline - December 1, 2019; (4) An information digest on the current activities of the project is published every 2 months on the websites of the executive committees of the pilot cities. Deadline - December 15, 2019; (5) The Green City mobile app is developed on the basis of the board game with the same name, taking into account the demand of the target audiences as well as mobile app. for bicycle routes for Polotsk and Novopolotsk. Deadline - October 30, 2019.	4 950	50	62000/10003	72800- Information Technology Equipment	UNDP / MoENV	(1) 260 publications on green urban development, sustainable mobility, and energy efficiency are distributed among stakeholders and published on the websites of UNDP, the Ministry of Natural Resources, as well as in national, regional and local media (including 130 publications in print and electronic media; 60 publications in social media; 70 publications on the project website (www.greencities.by)); (2) 2 press tours to Novogrudok were held: (a) 05.24.2019. for the participants of the international conference "Promotion of the Sustainable Development Goals in the field of housing, urban development and land use in the Republic of Belarus" (44 participants (20 women) - representatives of the Republic of Belarus, Armenia, the Russian Federation, Georgia for the presentation of implemented energy-efficient technologies and green initiatives). The presentation of the project was made in the format of a city quest; http://novgazeta.by/news/obshchestvo/uchastniki-konferentsii-prodvizhenie-tseley-ustoychivogo-razvitiya-v-respublike-belarus-posetili-nov/ (b) 07.07.2019 within the framework of the Republican Ecological Forum, the opening ceremony of the "smart" street lighting introduced by the project took place; The festive opening of the smart street lighting system was attended by about 300 citizens (about 200 women). http://greencities.by/sistema-umnogo-ulichnogo-osveshheniya-zarabotala-v-novogrudke/ http://greencities.by/umnoe-osveshhenie-v-novogrudke-s-vysoly-ptichego-poleta/ (3) 3 issues of the newsletter "Best Practices of Green Urban Planning" were prepared; http://greencities.by/zelenoe-gradostroitelstvo-luchshie-praktiki-vypusk-pervyi/ (4) Information materials on the current activities of the project are published on the websites of the executive committees of Polotsk, Novopolotsk, Novogrudok, Krichev, Korma, Zelva, Gorodok; (5) The electronic application "Green City" based on the board game of the same name is under development and will be released in 2020. Deadline - July 30, 2020.
					3 000	3 000	1 242	1 758	62000/10003	74200 - Audio Visual&Print Prod Costs			
4.3.4.	Information activities in the sphere of green urban development, including urban mobility and energy efficiency			2 000	3 500	5 500	At least 100 representatives of stakeholders (representatives of the Ministry of Environment, UNDP, the Ministry of Transport, the Ministry of Architecture and Construction, local administrations, designers, NGOs, scientific and educational organizations, government agencies) are familiarized with the international experience of "greening" urban transport systems, changing people's transport behavior, as well as energy-efficient planning of urban neighborhoods and efficient use of public spaces in the framework of the information events (conferences / meetings / forums, seminars, etc., including the European Mobility Week - 2019 (printful of informational materials, seminars and participation in coordination meetings). Deadline - December 15, 2019	3 052	2 448	62000/10003	71600 - Travel	UNDP / MoENV	(1) A record 76 cities of Belarus took part in the European Mobility Week with informational support of the project. https://www.lvr.by/news/obshchestvo/76_gorodov_belarusi_prirodinilis_k_evropeyskoy_nedele_mobilnosti/ (2) With the support of the project, the following activities were carried out in pilot cities: foot relay race on Molodezhnaya Street in Novopolotsk with the participation of 300 people; Youth flash mob "Youth of Polotsk - for a mobile city!" (Freedom Square) - 100 people, bike ride in Polotsk - 100 people; a tour on the development of sustainable urban mobility in Polotsk in a city bus, branded by the project, on a city route No. 2 - more than 200 people. http://greencities.by/otkrytaya-priemnaya-v-gorodskom-rejsovom-avlobuse/ http://greencities.by/navelosipede-v-lyubuyu-pogodu/ (3) The results of the campaign were summed up at the seminar "European Week of Mobility 2019: Cycling Towards Sustainable Urban Mobility" with the participation of 39 people (17 women) http://greencities.by/zelva-logishin-gantsevichi-luchshie-malye-goroda-belarusi-po-itogam-provedeniya-enm-2019/ (4) A flyer with key information in the amount of 300 copies was made for events within the framework of the campaign) (5) On May 17, 2019, a bike ride and a working meeting with representatives of the cycling communities of Polotsk and Novopolotsk were held with the participation of 40 people (3 women) to discuss working issues on the development of bicycle infrastructure in two cities. https://www.facebook.com/UNDPinBelarus/videos/1306334302824415/ http://www.vitebsk-region.gov.by/ru/anons-ru/view/veloprobg-s-uchastiem-veloaktivistov-polotska-i-novopolotska-a-takzhe-ekspertov-proekta-zelenye-goroda-17885-2019/?is_announce=1
			3 000			3 000		2 669	331	62000/10003	71300 - Local consultants	UNDP / MoENV	
					7 700		7 700		7 506	194	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV
				2 000			2 000		1 601	399	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	11 200				11 200	(1) Methodical recommendations for organizing and conducting purchases of goods (works, services) using the principles of "green" purchases based on the analysis of the norms of the legislation of the Republic of Belarus, finalized in Y2018, have been developed. Deadline - December 1, 2019; (2) Recommendations on the search for funding sources (including green financing instruments) for the implementation of infrastructure projects by city administrations is developed, taking into account report "Green" financing of infrastructure projects at the city level: opportunities and problems of implementation in the Republic of Belarus" prepared in Y2018. 3 concepts for financing green infrastructure projects in pilot cities of the Project have been developed. Deadline - December 1, 2019	16 623	-5 423	62000/10003	71300 - Local consultants	UNDP / MoENV	(1) Methodological recommendations on the organization and conduct of procurement of goods (works, services) using the principles of green procurement based on an analysis of the legislation of the Republic of Belarus carried out in 2018 were developed. Methodological recommendations on the organization and conduct of the procurement of goods (works, services) using the principles of green procurement were approved with the Ministry of Environment, the Ministry of Architecture, the Ministry of Economy, the Ministry of Finance, MART (08/15/2019). Guidelines for organizing and conducting procurement of goods (works, services) using the principles of green procurement based on an analysis of the legislation of the Republic of Belarus are available on the websites of MART, Ministry of Environment, NCZPI (www.pravo.by) and the Project website (www.greencities.by). Deadline - December 2019; (2) Criteria have been developed for classifying infrastructure projects as "green" and a list of economic actions in the field of (a) transport; (b) housing and communal services; and (d) urban development, which can be considered environmentally sustainable for the purposes of green financing. The documents have been agreed with the Ministry of Natural Resources, the Ministry of Economy, MART, and the National Bank and are available on the Project website (www.greencities.by). (3) An expert was hired to develop recommendations on the search for funding sources (including green financing tools) for the implementation of infrastructure projects by city administrations, taking into account the prepared in 2018, the report "Green" financing of infrastructure projects at the city level: opportunities and problems of implementation in the Republic of Belarus", as well as the preparation of 3 investment teasers for the cities of Polotsk, the city of Novopolotsk and the city of Novogrudok. Deadline - June 30, 2020.
4.4. Assistance in preparation or update of SEAPs or green urban development plans for another 10 municipalities in Belarus											Expert support has been provided to 5 cities of Belarus with the preparation of the SECAP. Methodological materials on the development of the SECAP for municipalities have been prepared with the aim to increase the capacity in the development and updating of documents under the Covenant of the Mayors on Climate and Energy. Expert support for the development of green urban development plans for 4 towns has been provided.		

4.4.1.	Development of capacity to develop and update the Action Plans for Sustainable Energy Development and Climate	5 571				5 571	(1) Supporting materials have been developed for the preparation of the energy and climate components of the SECAP, which include: (i) a list of possible sources of baseline information on climate change assessment; (ii) climate risk and vulnerability assessments; (iii) materials for shaping actions for adaptation to climate change; (iv) a list of baseline data indicating their sources of consumption of fuel and energy resources, energy efficiency activities and (v) materials to develop a basic emission inventory that will allow to develop a baseline emission inventory using existing statistical information automatically. Deadline - January 31, 2019; (2) A standard template of the SECAP (energy and climate part) has been developed, indicating the link with indicators on sustainable urban development. The template contains the main chapters and sections of the report, as well as an additional section on additional indicators on sustainable urban development, for the calculation of which the data of the SECAP could be used. Deadline - January 31, 2019; (3) Methodological guideline with a detailed description of the procedure for entering data and filling out a template, calculating additional indicators on sustainable development and linking SECAPs with strategic documents at the national and local levels is developed. Deadline - January 31, 2019; (4) Supporting materials, a standard template of the SECAP and	5 474	97	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) Supporting materials have been developed for the preparation of the energy and climate components of the SECAP, which include: (i) a list of possible sources of baseline information on climate change assessment; (ii) climate risk and vulnerability assessments; (iii) materials for shaping actions for adaptation to climate change; (iv) a list of baseline data indicating their sources of consumption of fuel and energy resources, energy efficiency activities and (v) materials to develop a basic emission inventory that will allow to develop a baseline emission inventory using existing statistical information automatically. Materials are uploaded on the project website (www.greencities.by); (2) A standard template of the SECAP report (energy part) has been developed. The template contains the main chapters and sections of the SECAP. The template contains the main chapters and sections of the report, as well as an additional section on additional indicators on sustainable urban development, for the calculation of which the data of SECAP could be used; (3) Methodological guideline with a detailed description of the procedure for entering data and filling out a report template (energy and climate part) has been developed. The methodological guideline is available on the project website (www.greencities.by); (4) Supporting materials, a standard template of the SECAP and methodological guidelines are approved with the Ministry of Environment.
4.4.2.	Assistance in the development of green urban development plans	5 455	5 455	5 455	16 365	(1) Action plans for sustainable energy development and climate for Baranavichy, Slavgorod, Mstislavl, Pruzhany and Liozno are uploaded on the webpage of the Covenant of Mayors Agreement on Climate and Energy. Deadline - January 31, 2019; (2) A competition has been arranged to select 4 cities to support the preparation of green urban development plans. Deadline - June 30, 2019; (3) Support has been provided to 4 cities for the preparation of green urban development plans: developed city profiles, identified priority areas of green urban development plans and organized stakeholder consultations. Deadline - December 15, 2019.	16 383	-18	62000/10003	71400 - Service contracts individuals	UNDP / MoENV	(1) Action plans for sustainable energy development and climate for Baranavichy, Slavgorod, Mstislavl, Pruzhany and Liozno are developed and submitted for approval to the Executive Committees; (2) A competition has been arranged to select 4 cities to support the preparation of green urban development plans. The project provides expert support for Korma, Zelva, Gorodok and Krichev in the development of green urban development plans. Deadline - May 04, 2019; (3) Support was provided to 4 cities for the development of Green Urban Development Plans. The first versions of city profiles have been developed, consultations have been arranged with stakeholders to identify priority areas for green urban development plans. On June 14, 2019, a workshop on the development of green urban development plans was held with the participation of 20 representatives (12 women) of city administrations https://www.youtube.com/watch?time_continue=1&v=9av4Z6mVhJ8&feature=emb_logo	
		500	500		1 000	(2) A competition has been arranged to select 4 cities to support the preparation of green urban development plans. Deadline - June 30, 2019; (3) Support has been provided to 4 cities for the preparation of green urban development plans: developed city profiles, identified priority areas of green urban development plans and organized stakeholder consultations. Deadline - December 15, 2019.	1 000	0	62000/10003	71600 - Travel	UNDP / MoENV		
			1 500	2 000	3 500		(2) A competition has been arranged to select 4 cities to support the preparation of green urban development plans. Deadline - June 30, 2019; (3) Support has been provided to 4 cities for the preparation of green urban development plans: developed city profiles, identified priority areas of green urban development plans and organized stakeholder consultations. Deadline - December 15, 2019.	5 186	-1 686	62000/10003	72100 - Contractual Services-Companies	UNDP / MoENV	
			10 700		10 700		(2) A competition has been arranged to select 4 cities to support the preparation of green urban development plans. Deadline - June 30, 2019; (3) Support has been provided to 4 cities for the preparation of green urban development plans: developed city profiles, identified priority areas of green urban development plans and organized stakeholder consultations. Deadline - December 15, 2019.	10 700	0	62000/10003	71300 - Local consultants	UNDP / MoENV	
IC security fee Component 4				350	350		719	-369	62000/10003	71300 - Local consultants	UNDP / MoENV		
Bank fee Component 4		50	70	70	60	250	163	87	62000/10003	74500 - Miscellaneous Expenses	UNDP / MoENV		
Gain and Losses							1	-1	62000/10003	76125/76125 - Gain and losses	UNDP / MoENV		
Total Component 4		27 861	13 915	27 965	27 107	96 848	98 759	-1 911					
Component 5. Project Management												4 PB meetings were held: one electronic vote in May 2019 and regular meetings in the Ministry of Environment in September, November and December 2019. Minutes of the meetings were duly prepared and signed in Russian and English. Annual report for 2019 in UNDP format, a report on the project results for the donor - GEF, an annual report to 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) have been organized. Deadline - December, 2019. The minutes of the PB meetings 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 - July 15, 2019 (for the annual report of the GEF and Logs) and January 15, 2020 (for the annual report to the Ministry of Economy, the annual project report and Logs). Monitoring visits are conducted within the framework of activities implemented in pilot cities.	0		62000/10003		UNDP / MoENV	(1) An electronic vote was taken by the Project Board (PB) on 04 of May, 2019 approving the list of winners of the competition for support in development of the green urban development plans. Regular meetings of the Project Board has been held on 10/09/2019, 10/17/2019 and 12/12/2019. The minutes of the PB meetings have been duly prepared and signed in Russian and English; (2) Annual detailed working plan 2019 revision was prepared and approved by the PB in September, 2019; (3) Annual detailed working plan for 2020 is drafted and submitted to UNDP and Ministry of Environment on 1 November 2019; (4) 2019 annual report in UNDP format is drafted and submitted to UNDP on 6 December, 2019; (5) Annual report to GEF (July, 2019) and logs (Logs) to UNDP (July, December, 2019) are submitted; (6) Annual report on the results of the project implementation for the Ministry of Economy is submitted in January, 2019; (7) There is ongoing monitoring of project activities by the project management team, as well as UNDP, GEF, and the Ministry of Environment. Monitoring visits are conducted within the framework of activities implemented in the pilot cities.	
	Conduction of the midterm evaluation of the Project					Based on the results of the mid-term evaluation of the project implementation, a report has been prepared. The report is approved with the UNDP and the Ministry of Environment. Deadline - April 30, 2019.			62000/10003	71200 - International consultants	UNDP / MoENV	Based on the results of the mid-term evaluation of the project implementation, a report has been prepared. The report is approved with the UNDP and the Ministry of Environment. Deadline - April 30, 2019.	
		4 000	1 900	1 915	7 815		8 524	-709		64300 - Direct Project Costs			
			700		700		692	8		71200 - International consultants			
		250	250	250	250	1 000	714	286		71300 - Local consultants			
		150	150	100	100	500	51	449		72100 - Contractual Services-Companies			

PM2	Project management and office functioning	250			250	500	The project staff works in accordance with the Project document and the annual detailed working plan.	447	53	62000/10003	72200 - Equipment and furniture	UNDP / MoENV	The project staff work in accordance with the Project document and annual detailed working plan.
		150	150	100	100	500		194	306		72800 - Information Technology Equipment		
		100	150	150	194	594		191	403		73400 - Rental & Maint-Other Office Eq		
		20	20	20	20	80			80		74500 - Miscellaneous Expenses		
		400	400	400	400	1 600		1 540	60		72400 - Communic & Audio Visual Equip		
		300	300	300	300	1 200		1 097	103		72500 - Office Supplies		
						-		5	-5		76125/76125 - Gain and loses		
Total Component 5		5 620	4 020	3 235	1 614	14 489		13 455	1 034				
Total 2019		99 936	123 770	185 000	529 931	938 637		810 268	128 369				

(*) - Accurate forecast of expenses is made before closure of the financial year 2019

Project Manager

UNDP Programme Associate

Ina Klimenkova
UNDP Programme Associate

Ina Klimenkova

Date *10 Feb 2020*

Date

UNDP
Ministry of Environment
GEF
MART
NCLLR
BNTU
GUDP
SUMP
SECAP
ESCO
EBRD
LED

Abbreviations
United Nations Development Programme
Ministry of Natural Resources and Environmental Protection of the Republic of Belarus
Global Environment Facility
Ministry of antimonopoly regulation and trade of the Republic of Belarus
National Centre of Legislation and Legal Research of the Republic of Belarus
Belarussian National Technical University
Green Urban Development Plan
Sustainable Urban Mobility Plan
Sustainable Energy and Climate Action Plan
Energy Service Companies
European Bank for Reconstruction and Development
Light Emitting Diode

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