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Minister of Natural Resources and Environmental Protection of the Republic of Belarus

2017

AGREED

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06/03 2017

Annual Work Plan

Project name: Clima-East: Conservation and sustainable management of peatlands in Belarus to minimize carbon emissions and help ecosystems to adapt to climate change

Project #: № 84642

Year: 2017

- Annual Targets:
1. Conducted sustainable cutting of grassy, woody and shrubby vegetation at the territory of not less than 1,200 ha. Provided processing of harvested biomass.
 2. Provided regulation of ground water table at the optimal level for conservation and usage of ecosystems.
 3. Prepared the final report on influence of harvesting activities and ground water levels on the the ratio and characteristics of vegetation communities and on the characteristics (density and quantity) of indicator bird species (aquatic warbler, curlew, great snipe).
 4. Adjusted the system of precise identification of "carbon benefits".
 5. Developed recommendations for replicating project experience based on the monitoring results. Developed 3 projects for implementation at other peatlands.

Activity#	Description	Activity by Quarters, USD				Implementing Partner	Fund	Donor	Budget account	Budget account description	Funds planned, USD	Responsible party	Annual target, %
		Q1	Q2	Q3	Q4								
1. Economic and environmental viability of harvesting biomass from peatland areas and processing this biomass demonstrated.													
1.1	3,500 ha of peatland territory cleared of shrubs and reeds					MNREP	30079	EU	71400	Service contract	29,930.20	UNDP, PIU of the project #84642	Implemented control and coordination of the project activities in order to ensure the achievement of the outcomes in accordance with the project document and UNDP rules and procedures.
									71400	Service contract	4,350.00		
						MNREP	30079	EU	71600	Travel	2,000.00	UNDP, PIU of the project #84642	Made not less than 5 monitoring visits to the project implementation field sites, during which the analysis of compliance of the ongoing activities at project field sites with the annual work plan carried out. Necessary adjustments made in case of possible inconsistencies and deviations. Evaluation of the quality of the ongoing activities and their correspondence to the planned budget carried out. The analysis of possible risks upon project activities implementation completed and ways of risks mitigation suggested.
									72100	Contractual services - companies	4,000.00		

Activity#	Description	Activity by Quarters, USD				Implementing Partner	Fund	Donor	Budget account	Budget account description	Funds planned, USD	Responsible party	Annual target, %			
		Q1	Q2	Q3	Q4											
Actions	1.1.1	Implementing and coordinating an action plan for harvesting, processing and use of peatland biomass														
	1.1.1.1	Adjustment of action plan on harvesting and processing of biomass based on the practical project results.								1,225.50	UNDP, PIU of the project #84642	Operating regulations for water-regulating facilities are finalized considering project experience and passed over to the administration of "Zvaniec" reserve and other stakeholders.				
	1.1.1.2	Development of recommendations on replicating project best practices on harvesting and processing of peatland biomass.						MNREP	30079	EU		71300	Local consultants	2,789.25	Prepared analytical report on use and economic viability of the procured technical equipment, availability of technics of agricultural enterprises at the project territories and overview of technics produced in the Republic of Belarus with analysis of economic viability of project activities and proposals on production of new samples of technics for sustainable harvesting and usage of peatland biomass.	
	1.1.1.3	Developed proposals on regulatory control of running controlled fires of dry growing vegetation.											2,268.00	Developed proposals on amendments and addendums to the Rules of fire safety in forests in the Republic of Belarus.		
	1.1.2	Procuring, delivering and installing equipment for biomass harvesting and mulching														
	1.1.2.1	Spare parts and consumables for the technics							MNREP	30079	EU	73400	Rental & Maint of Equipment	1,000.00	UNDP, PIU of the project #84642	Spare parts and consumables necessary for operation of technics for biomass harvesting and processing procured and transferred to the Implementing Party.
	1.1.2.2	Maintenance works for technical equipment for biomass harvesting and transportation.							MNREP	30079	EU	73400	Rental & Maint of Equipment	1,000.00	UNDP, PIU of the project #84642	Conducted maintenance works of technical equipment for biomass harvesting and transportation
	1.1.3	Construction of access points, maintenance of water regulating devices														
	1.1.3.1	Keeping water regulating devices, access points and earth dams in good working order.							MNREP	30079	EU	72100	Contractual services - companies	1,000.00	UNDP, PIU of the project #84642	Conducted maintenance and taken preventive measures for keeping regulating devices, access points and earth dams in good working order.
	1.1.4	Cutting biomass and delivering it to processing facility														
1.1.4.1	Organizing and conducting peatland biomass harvesting at the territory of SEE "Republican biological reserve "Sporaŭski" .								MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	12,000.00	"Sporaŭski"	Organized and conducted cutting of grassy, woody and shrubby vegetation at "Sporaŭskae" peatland at the area of 500 ha. Harvested 550 t of biomass.

Activity#	Description	Activity by Quarters, USD				Implementing Partner	Fund	Donor	Budget account	Budget account description	Funds planned, USD	Responsible party	Annual target, %
		Q1	Q2	Q3	Q4								
1.1.4.2	Organizing and conducting peatland biomass harvesting on the territory of SEE "Republican landscape reserve Zvaniec"					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	12,000.00	"Sporaūski"	Organized and conducted cutting of grassy, woody and shrubby vegetation at "Zvaniec" peatland at the total area of 500 ha. Harvested 600 t of biomass.
1.1.4.3	Organizing and conducting reed harvesting at the territory of SEE "Republican landscape reserve Zvaniec" and at the territory of SEE "Republican biological reserve "Sporaūski"					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	4,000.00	"Sporaūski"	Organized and conducted reed harvesting at the area of 200 ha.
1.1.5	Active regulation of ground-water table												
1.1.5.1	Active regulation and control of ground-water table (GWT) at Zvaniec peatland for optimal functioning of peatland ecosystems and enabling to harvest. Gathering information on GWT at the main channels in order to develop recommendations for operation of water-regulating devices.					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	5,500.00	SPC	Optimal hydrological regime at Zvaniec peatland provided by active management of the existing water-regulating devices. Information on the dynamics of GWT at the main channels and spots for measuring GWT gathered. Maintenance of the existing water-regulating devices carried out, congestions at the water-regulating devices and channels removed. Developed final report on GWT monitoring based on the information provided by automatic data loggers.
1.1.5.2	Implementing activities at Zvaniec peatland in order to increase productivity of peatland ecosystems and quantity of globally threatened species, and also to create conditions for growing and using reeds for different purposes.					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	2,650.00	SPC	Not less than 200 ha of "Zvaniec" and "Sporauski" reserves cleared of dry vegetation by controlled fire in accordance with recommendations of Plans for Reserve Management.
1.1.6	Education of local specialists					MNREP	30079	EU	72100	Contractual services - companies	5,899.35	UNDP, PIU of the project #84642	Conducted not less than 3 educational seminars for presentation and promotion of experience on collection and usage of biomass for representatives of Ministry of Forestry, Ministry of Agriculture and Food, Ministry of Emergency situations, Specially Protected areas (overall not less than 40 participants)
								71600	Travel	500.00			
								71300	Local consultants	5,390.29			
						UNDP	30079	EU	74510	Bank charges	250.00	UNDP, PIU of the project #84642	
						UNDP	30079	EU	75100	Facilities & Administration	10,903.65	UNDP	

Activity#	Description	Activity by Quarters, USD				Implementing Partner	Fund	Donor	Budget account	Budget account description	Funds planned, USD	Responsible party	Annual target, %
		Q1	Q2	Q3	Q4								
Total for Activity 1:										108,656.24			
2. System for monitoring the efficiency of biomass harvesting is in place													
2.1.	Coordination of organizations and experts' activities on implementation of project measures on peatland biomass harvesting, processing and use and on development of system for precise identification of the carbon dividends.					MNREP	30079	EU	71400	Service contract	12,560.00	UNDP, PIU of the project #84642	Work of organizations and the group of national experts on project implementation is coordinated. Substantive coordination of project activities is provided, and so is coordination of project activities with national institutions, other stakeholders and project partners.
									71600	Travel	3,000.00		
									72100	Contractual services - companies	5,500.00		
2.1.2	Conducting monitoring survey of the peatland before, during and after harvesting (proportions of vegetation communities, characteristics of vegetation communities, water table levels)					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	5,470.00	SPC	1. Conducted analysis of influence of current management activities at "Zvaniec" and "Sporaūski" Reserves (reed harvesting, shrubs cutting, fire of dry vegetation, GWT regulation) on dynamics of vegetation communities. 2. Developed proposals on conservation of open lowland bogs and sustainable use of biomass at Zvaniec and Sporauskae peatlands. 3. Prepared a forecast of changes in vegetation as a result of harvesting activities at "Zvaniec" and "Sporaūski" Reserves. 4. Prepared a final report on influence of harvesting and ground water levels on proportions and characteristics of vegetation communities.
2.1.3	Evaluation of project activities' (harvesting, water table regulation, controlled fire) influence on the condition (density and quantity) on the indicated bird species (Aquatic Warbler, Great Snipe, Curlew) at the areas of active management at Zvaniec and Sporauskae peatlands.					MNREP	30079	EU	16005 (distribution to the following accounts: 71300, 71600, 73400, 72100, 74500)	NIM advances	22,895.00	SPC	1. Conducted true census of indicator bird species (Aquatic Warbler, Great Snipe, Curlew) at the territory of Sporauskae and Zvaniecpeatlands by squares. 2. Conducted analysis of dynamics of population of indicator bird and insect species after completion of activities at "Zvaniec"and "Sporaūski" reserves (reed harvesting, cutting of brushes, fire of dry vegetation, ground water level table regulation). 3. Prepared final report on influence of project activities on the condition of population (density and quantity) of indicator bird species.
2.2	Development of system of precise identification of "carbon benefits."					MNREP	30079	EU	71300	Local consultants	3,227.50	UNDP, PIU of the project #84642	Based on analysis of volumes and calorific value of the collected and burnt vegetation biomass and comparison to the volumes and calorific value of fossil fuel (gas or diesel), and also based on the analysis of active ground water level regulation, a system of precise identification of "carbon benefits" developed.

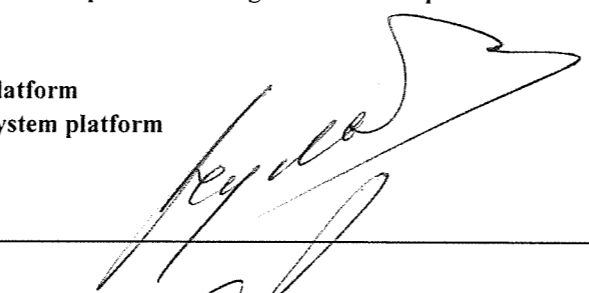
Activity#	Description	Activity by Quarters, USD				Implementing Partner	Fund	Donor	Budget account	Budget account description	Funds planned, USD	Responsible party	Annual target, %	
		Q1	Q2	Q3	Q4									
Actions	2.3	Promoting successful project experience replication.											Raised awareness of the project's results of stakeholders and general public of local, state and international levels. Not less than 3 educational seminars and not less than 3 PR-campaigns conducted with participation of stakeholders. The project has well maintained relationships with mass media aiming at dissemination of information on project implementation and support of its positive image with government, mass media, scientific organisations, general public in Belarus and abroad. Published not less than 10 articles in print and electronic media, prepared not less than 5 interviews. The project duly organized and conducted public events in accordance with annual work plan.	
	2.3.1	Preparation of information and promotional materials, organization of PR-campaigns											UNDP, PIU of the project #84642	
	2.3.1.1	Development of pilot projects of implementation of activities on sustainable use of peatland territories.							71300	Local consultants	3,310.50		UNDP, PIU of the project #84642	Based on successful experience of pilot project 3 projects are developed for implementation at other peatlands.
	2.3.1.2	Promotion of project materials publishing in mass media.							72100	Contractual services - companies	5,000.00		UNDP, PIU of the project #84642	Conducted press-tour for representatives of mass-media in order to demonstrate innovative approaches to conservation and sustainable use of peatland ecosystems of "Sporaŭski" and "Zvaniec" reserves.
									71600	Travel	100.00			
	2.3.1.3	Exchange of experience on vegetation biomass use							72100	Contractual services - companies	6,500.00		UNDP, PIU of the project #84642	Demonstrated ecologically safe and economically viable methods of management of open lowland bogs with use of technics for biomass harvesting within the International Championship on manual hay-mowing "Sporava Hayfields-2017".
									71600	Travel	200.00			
	2.3.2.	Preparation and spreading of promotional and printed materials							74200	Audio Visual and Printing Production Costs	9,805.93		UNDP, PIU of the project #84642	Prepared academic brochure on methods and ways of collection and use of peatland biomass. Prepared a promo video on ecological and economic viability of sustaining lowland bogs in open state.
									71300	Local consultants	500.00			
									72100	Contractual services - companies	5,100.00			
2.3.3.	Final external project evaluation						MNREP, UNDP, PIU	30079	EU	71200	International Consultants	10,000.00	UNDP, PIU of the project #84642	Final external project evaluation conducted. The results or works are evaluated not lower than "satisfactory".
										71300	Local consultants	500.00		
										72100	Contractual services - companies	1,500.00		
2.3.4	Development of common approaches to monitoring of peatlands within implementation of "ClimaEast" pilot projects.												UNDP, PIU of the project #84642	Discussed prospects of sustainable management of peatland territories within the final meeting of pilot projects of "ClimaEast" programme.

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		Q1	Q2	Q3	Q4								
3.4.1	Monitoring of achieved progress in accordance with UNDP procedures.					UNDP, PIU	30079	EU				UNDP, PIU of the project #84642	Regular update of data on project implementation in ATLAS web-management system
3.4.2	Annual project implementation overview					UNDP, PIU	30079	EU				UNDP, PIU of the project #84642	Report on achieved project results prepared and delivered to all project participants.
						UNDP	30079	EU	75100	Facilities & Administration	2,170.00	UNDP	
Total for Activity 3:											33,170.00		
GRAND TOTAL:											256,125.00		

List of acronyms

UNDP United Nations Development Programme
SPC Scientific and Practical Center for Bioresources of the National Academy of Sciences of Belarus
EU European Union
MNREP Ministry of Natural Resources and Environmental Protection of the Republic of Belarus
"Sporaŭski" State Environmental Establishment "Republican biological reserve "Sporaŭski"
PB Project Board
PIU Project Implementation Unit
ATLAS UNDP's Enterprise Resources Platform
LMS UNDP Learning Management System platform


UNDP Programme Officer



Igar Tchoulba

03 Mar 2017
Date

UNDP Programme Associate



Ina Klimenkova

03.03.2017
Date

UNDP Project Manager



Vladimir Koltunov

Date