

Agreed

10.02  
2014

UN/UNDP Representative in the Republic of Belarus

Annual Work Plan

Project title: "Landscape approach to management of peatlands aiming at multiple ecological benefits"

Project ID: No 82884

Year: 2014

Annual targets:

- 1. Draft "Outline for sustainable use of peat deposits and conservation of peat bogs in the Brest Region" is prepared
- 2. Activities for meadow cultivation with a view to sustainable peatlands management have been completed on 200 ha.
- 3. Planting of black alder is completed on the territory of 100 ha.

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Description Budget Account	Funds planned, USD	Responsible
		Q1	Q2	Q3	Q4							
1.1.1	Work of the Cross-sectoral Working Group for coordinating the development of the National Strategy on Peatlands (NSP)					Ministry of Nature	62000	GEF	71200			PU
1.1.2	Development of the National Strategy on Peatlands Management including draft Outline of the Sustainable Use of Peat Deposits and Protection of Peat Bogs in the Republic of Belarus until 2030: designing criteria for the assessment of the resource, economic, ecological and biosphere significance of peatlands; collection and classification of materials pertaining to the long-term requirements regarding the development of peat deposits, their resource and economic, ecological and biosphere value; elaboration of the Outline of the Sustainable Use of Peat Deposits and Protection of Peat Bogs in the Republic of Belarus until 2030					Ministry of Nature	62000	GEF	71300, 72500, 71600, 72400, 73100, 72800, 74500		108 000	Institute for Nature Management
1.1.3	Development of the National Strategy on Peatlands Management including draft Outline of the Sustainable Use of Peat Deposits and Protection of Peat Bogs in the Republic of Belarus until 2030: designing criteria for the assessment of the environmental significance of peatlands; collection and classification of materials on biodiversity, biological resources, the degree of bog disturbance and their environmental significance; elaboration of propositions on various uses of peatlands.					Ministry of Nature	62000	GEF	NEX account allocation: 71300, 72500, 71600, 72400, 73100, 72800, 74500		111 500	National Centre on Bioresources
1.1.4	Completing an inventory (determine distribution, boundaries and areas) of peatlands using GIS technology					Ministry of Nature	62000	GEF	72100	Contract with legal entities		PU
1.1.5	Development of the classification methodology and the methodology for designating various uses for peatlands					Ministry of Nature	62000	GEF	71300	Local consultants	5 000	PU

Agreed  
Igor Kachanovsky  
Deputy Minister for Natural Resources and Environmental Protection of the Republic of Belarus,

National Director of the project

2014

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Budget Account Description	Funds planned, USD	Responsible
		Q1	Q2	Q3	Q4							
1.1.6	Development of the GIS database of peatlands					62000	GEF	71300	Local consultants	4 500	PIU	The data base, developed within the project's framework in 2013, includes key characteristics of peatlands in the Minsk, Brest, and Gomel Regions, obtained from the experts and participating organizations. The participants are granted with free access to the classified data.
1.1.7	Preparation of propositions on the improvement of the Law of the Republic of Belarus "On PAs" and other regulatory acts pertaining to the PAs protection and use to ensure wetland conservation					62000	GEF	71300	Local consultants	1 500	PIU	In order to ensure the conservation of cranberry habitats proposals will be prepared on improving PA legislation, including identification of clear criteria of designating major cranberry bogs as a separate category of PAs.
1.1.8	Conducting a series of working meetings for the development of the Outline of the Sustainable Use of Peat Deposits and Protection of Peat Bogs in the Republic of Belarus until 2030					4000	UNDP	75700	Contract with legal entities	4 000	PIU	Working group meetings focused on discussions and agreement of integral approaches on the following issues: structure, composition and the form of the future document; key points of the Strategy and target objectives on the key ways of use and conservation of peatlands and mires. The working group also was presented with the results and achievements of the project in 2014.
1.1.9	Ensuring successful development and implementation of information and communications strategies to disseminate project's results and concerns					4000	UNDP	71400	Service contract	8 900	PIU	The results of the project activities are presented in a national and international media environment in a full, objective and comprehensive manner. Based on the outcomes of the three information events press releases were prepared in the Russian and English languages and further disseminated among national and international mass media. Information about the events is posted on the official project website www.peatlands.by as well on the linked social networks accounts. Around 5 press releases were prepared and 6 interviews had been organized with the PIU members. A press conference dedicated to the International Wetlands Day 92 (February) have been organized and conducted in close collaboration with the Ministry of Nature of the Republic of Belarus. The press conference presented the project current achievements and future plans. Information about the project progress is presented to the local mass media (target regions).
1.1.10	Drafting the National Report of the Republic of Belarus on the implementation of the Ramsar Convention.					4000	UNDP	71300	Local consultants	4 000	PIU	The draft of the National Report is prepared in the Russian and English languages. The document features information obtained in the course of UNDP/GEF project implementation on contemporary situation with wetlands in Belarus.
1.1.11	An information event, dedicated to the Mother Earth Day is organized and conducted with interested parties.					4000	UNDP	75700	Contract with legal entities	2 000	PIU	The event provided interested parties with the updated information on the project's recent achievements, current objectives and perspectives for the future. The PIU Communication Officer ensured information coverage of the project in national printed and web-based mass media (articles, interviews). Based on outcomes of the event a press release is prepared in the Russian and English languages. Information about the event (press release and photographs) is posted on the project website www.peatlands.by
Total Output 1.1												249 400
1.2	Testing landscape approach to peatlands management through the improvement of the system of wetland protected areas and establishing of the ecological network of Viciebsk Poozerie											
1.2.1	Improvement of the system of wetland protected areas (creation, transformation of PAs)											
1.2.1.1	Development of the Viciebsk Poozerie ecological network					62000	GEF	NEX account allocation: 71300, 72500, 71600, 72400, 73100, 72800, 74500	NEX	41 500	PIU	Drafted scientific report on the Viciebsk Poozerie ecological network featuring the map of the ecological network and relevant description. The report also contains proposals on inclusion of the network into pan-European ecological network (Lithuania, Latvia and Russia), as well as proposals for inclusion of the Viciebsk Poozerie in the National Ecological Network Scheme of the Republic of Belarus, and proposals regarding protection regimes and natural resources use within the boundaries of the ecological network corridors, agreed with local authorities and ministerial departments.

Activities

Annual results

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Budget Account	Description	Funds planned, USD	Responsible
		Q1	Q2	Q3	Q4								
1.2.12	Creation and reorganization of local zakazniks					Ministry of Nature	62000	GEF	NEX	account allocation: 71300, 72500, 71600, 72400, 73100, 72800, 74500)	29 755	PU	Field research of the reserved SNPs (the most significant peatlands) is conducted with the aim of their further announcement as local reserves on a total area of 13000 ha. Graphical map is drafted (definition of coordinates for turning points angle). Scientific and technical and economic rationales are drafted. Draft decisions of local executive committees announcements of local zakazniks are prepared.
1.2.13	Development and further testing of the protected biotopes classification data base. Preparation of certificates and conservation obligations for protected wetlands biotopes in Belarus (around 250 certificates).					Ministry of Nature	62000	GEF	entites	Contract with legal	10 000	PU	The protected biotopes classification data base has been developed and tested. Certificates and conservation obligations for the protected species of plants and animals, biotopes in the Grodno and Minsk Regions are prepared and, in accordance with the established procedure, presented to the Ministry of Nature (around 50 certificates).
1.2.14	Development of engineering project for optimization of the hydrological regime on the Jelina Reserve					Ministry of Nature	4000	UNDP	entites	Contract with legal	10 000	PU	Engineering/consruction project for optimization of the hydrological regime on the Jelina Reserve has been designed.
1.2.15	Manage the use of wood grouse and black-cock displays sites for tourism, not for game. Organization of biotechnical activities aimed to increase wood grouse and black-cock populations.					Ministry of Nature	62000	GEF	entites	Contract with legal	25 000	PU	Technical and economic rationales on improvement of display sites for wood grouse and black-cock for organization of ecological tourism, as well as on biotechnical activities for improvement of such sites in the Hamstseviy, Polatsk and Ivatsseviy Districts have been developed. The rationales are provided to the Ministry of nature for further approval. Stated activities are fully completed.
1.2.16	Establishing the system of wardens for the major peatlands					Ministry of Nature	62000	GEF	NEX	account allocation: 71300, 72500, 71600, 72400, 73100, 72800, 74500)	40 000	APB	The peatland wardens' network is created and included 5 bogs (Haby, Golbitskaya Pusca, Servac, Chorlava Balota, Dzikoje). Booklets prepared, workshops organized, research activities are conducted for definition of protected species and preparation of certificates, and information boards are installed. The wardens are selected from local communities and their training is ensured.
1.2.2	Creation and testing of the systems reducing the contamination of wetlands by runoff from drainage facilities												
1.2.1	Selection of melioration systems (pilot facilities) where the construction of settling reservoirs and water sampling for the analysis of water quality are planned					Ministry of Nature	62000	IFP	Local consultants		71300	PU	Pilot territories for the establishment of settlement reservoirs at reclamation facilities identified, TOR for the design of settling facilities prepared, agreed and submitted to the Project Implementation Unit.
1.2.1	Development of engineering project for the construction of settling reservoir for reducing the contamination of wetlands by runoff from drainage facilities has been developed for the "Zvanets" Reserve, Drahicyn District					Ministry of Nature	4000	UNDP	entites	Contract with legal	12 000	PU	Engineering project for the construction of settling reservoir for reducing the contamination of wetlands by runoff from drainage facilities has been developed for the "Zvanets" Reserve, Drahicyn District
1.2.1	Development of scientific rationales for rewetting of the following pilot sites: Mhle, Jurjeva, Bobrovka, Ozery, Goncharovka, Novoselki.					Ministry of Nature	62000	GEF	entites	Contract with legal	72100	PU	Scientific rationales for rewetting of Mhle, Yurjevo, Bobrovka, Ozery, Goncharovka, Novoselki pilot sites have been developed, including preparation drafts of allocation certificates. Activities are completed in accordance with TCP 17.12-02-2008 (02120).
2.1.2	Development of scientific rationales for rewetting												
2.1	2.1.2 Rewetting of degraded agricultural lands on drained peatlands (total area about 4311 ha).												
Component 2. Sustainable use of peatlands in agriculture													
Component 1 total: 420 255													
UNDP 24 900													
GEF 395 355													
Outcome 1.2. 170 855													
2.1 Sustainable use of peatlands in agriculture													

Annual results

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Budget Account Description	Funds planned, USD	Responsible
		Q1	Q2	Q3	Q4							
2.1.2.3	Scientific rationale for sustainable meadow cultivation (hydrology)					Ministry of Nature	62000	GEF	Local consultants	71300	2 500	PIU
2.1.2.4	Preparing and adopting of allocation certificates for displacement of water-regulating facilities at 8 pilot sites					Ministry of Nature	62000	GEF	Contract with legal entities	72100	12 000	PIU
2.1.2.5	Implementation of activities on sustainable meadow cultivation					Ministry of Nature	62000	GEF	Contract with legal entities	72100	60 000	PIU
2.1.2.6	Development of the rationale for meadow formation on peatlands (200 ha), currently used for cultivated crop in the Barozza District.					Ministry of Nature	62000	GEF	Local consultants	71300	2 000	PIU
2.1.4	Demonstration of the methods of the sustainable use of peatlands in agriculture (tested and demonstrated at the example of 100 ha - method of deep plowing of peat mounds)											
2.1.4.1	Activities completed on testing method of deep plowing and efficiency monitoring of conducting agricultural activities on shallow peat soils with creation of sand-mixing culture.					Ministry of Nature	62000	GEF	Contract with legal entities	72100	29 000	PIU
2.1.4.2	Monitoring of peat deposit and ground water levels on the pilot territories in 2014.					Ministry of Nature	62000	GEF	Local consultants	71300	4 500	PIU
2.1.4.3	Deep plowing monitoring					Ministry of Nature	62000	GEF	Local consultants	71300	3 500	PIU
2.2.	Restoration of 2027 ha of inefficiently drained forest peatlands											
2.2.1	Implementing a pilot project for the restoration of alder forests on degraded peatland areas used in agriculture											
2.2.1.1	Monitoring activities of black alder planting (100 ha) alder.					Ministry of Nature	4000	UNDP	Local consultants	71300	2 500	PIU
2.2.1.2	Developing scientific rationales for renaturalisation of hydrological regime at Kopy's and Cervien and Horodisce pilot sites.					Ministry of Nature	62000	GEF	Contract with legal entities	72100	20 000	PIU
Annual results												
									Outcome 2.1.	148 500		

Report has been prepared about monitoring the quality of black alder planting activities: mechanical acceptance of forest cultures is conducted within 10 days after the planting. Inventory of the first year forest cultures is planned for September-October 2014.

Report has been prepared on executing general control over implementation of efficiency monitoring of deep plowing on the pilot sites, implemented by the Polesie experimental station. Works are completed on definitions of a residual stock of organic substance in soil on the pilot sand-mixing culture sites, cultivated in 1980. As a result, a data has been collected on dynamics of destruction of an organogenic layer, losses of organic substance and dynamics of carbon dioxide emissions from the pilot sites with sand-mixing culture for the period of 30 years.

Articles regarding the situation with peat deposit and ground waters layer on the pilot territories have been prepared for scientific rationales on rewetting of degraded mires. Sites for monitoring the changes in peat condition and ground water levels are selected and described. Measuring equipment for ground water levels has been installed. Water levels data before rewetting is collected on Yurevo, Bobrovka, Ozery, Goncharovka, and Novoselki).

A report is prepared, containing the results of the following activities: A site with a sand-mixing culture is created in the Polesie experimental station on the territory of 10 ha. Works have been completed on monitoring and ecological and economic assessment of the deep plowing technology (assessment of depth and quality, degree of sand and peat mixing, soil mineralization, preservation of organic substance, water and agro-chemical characteristics of soil after the first year in agricultural use); care works for grass stand (fertilizing); record keeping of grass crops by one-meter sites method, chemical analysis of a crop, assessment of productivity of sand-mixing culture plot in 2014.

Performed control over implementation of recommendations during activities on creation of highly productive meadows on peat soils in the Barozza District (total area 200 ha); control is also executed over duly performance of works and quality maintenance. The report is prepared, containing data on growth monitoring and development of permanent grasses, revealing of limiting factors, and recommendations on optimization of conditions of formation of herbage and biomass accumulation.

A report is prepared containing data on drainage systems (canals, water regulation facilities, pump stations regimes); data on moisture access for permanent grasses during vegetation, analysis of the periods of deficiency or surplus of a moisture; recommendations on additional actions for water regime regulation (if necessary); the analysis of economic and ecological results of the reseeding in the Barozza District.

Allocation certificates for placement of water-regulating facilities at 8 pilot sites (White, Yurevo, Bobrovka, Ozery, Goncharovka, Novoselki, Gorodok and Travy) are worked out based on scientific rationales prepared under p.2.1.2.1. and duly approved in accordance with requirements of the Presidential Decree #667, dated Dec 27, 2007

Engineering projects have been developed.

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Budget Account Description	Funds planned, USD	Responsible	
		Q1	Q2	Q3	Q4								
2.2.1.3	Planting of black alder on the territory of 100 ha.					Ministry of Nature	62000	GEF	Contract with legal entities	63 000	PU	Lida Forestry completed works on planting black on the area of 100 ha. Soil has been prepared on the selected planting sites. Black alder trees are planted. Necessary technical activities are conducted during the first year after the planting.	
2.2.1.4	Inventory and preparation of proposals on further use of forest improvement systems.					Ministry of Nature	62000	GEF	Local consultants	5 000	PU	Data on the current use of forest improvement systems in the Minsk, Vitebsk, and Grodno Regions is collected and analyzed. Proposals on change of use (deactivation, renaturalisation of hydrological regime) of degraded forest lands (forest improvement systems) have been done based on the conducted analysis.	
Outcome 2.2													
90 500													
2.3. Enhancing the readiness of the government for implementation of carbon projects in agricultural and forest peatlands													
2.3.1.	Adaptation and operationalization of the existing peatland measurement, reporting and verification (MRV) methods for previously unaccounted biotopes at agricultural and forest peatlands.					Ministry of Nature	4000	UNDP	NEX account allocation: 71300, 72500, 71600, 72400, 73100, 72800, 74500	NEX	45 535	Centre of Bioresources	Filed measuring of GHG emissions with gas analysis equipment and MRV methods on the selected in 2013 sites is done. Concentration of GHG emission using methods of gas chromatography and MRV methods has been analyzed on the selected sites and biotopes. Statistical analysis of emissions and absorptions of GHG on the research biotopes is done. The dependence of their emissions for environmental factors has been analysed.
2.3.2	Assessment of carbonic verification of GHG emissions reduction due to decrease in peat fires (Fire Premium), gathered after rewetting activities on the project sites and other degraded sites.					Ministry of Nature	4000	UNDP	Local consultants	4 000	PU	Based on the collected data about regularity and scale of peat fires occurrence on degraded mires coefficient value for CO2 emissions is determined regarding peat fires. This data will be used in the methodology for CO2 verification. The report is prepared on reduction of GHG emissions due to prevention of peat fires.	
2.3.3	Monitoring and reporting on the status of water level, vegetation communities and biodiversity and their changes at all pilot sites												Routes have been developed for monitoring of birds. Key plant associations on the project territories are mapped. Measuring of water levels is done, as well as automatic water monitoring check points have been selected and equipped on Mhle, Jurjeva, Moroc, Kopyš and Cervien.
2.3.3.1	Develop routes for bird monitoring and measure bird number and density prior to re-wetting at pilot sites in 2014.					Ministry of Nature	62000	GEF	Local consultants	71300	PU	Articles on biodiversity for scientific rationales for rewetting of the project territories in 2014 have been developed (Mhle, Jurjeva, Bobrovka, Ozery, Goncharovka, Novoselki). Routes for bird monitoring and measure bird number and density prior to re-wetting at pilot sites in 2014 have been developed.	
2.3.3.2	Establish permanent monitoring sites and map basic vegetation communities prior to re-wetting at pilot sites in 2014.					Ministry of Nature	62000	GEF	Local consultants	71300	PU	Articles on flora and fauna for scientific rationales for rewetting of the project territories in 2014 have been developed (Mhle, Jurjeva, Bobrovka, Ozery, Goncharovka, Novoselki). Permanent monitoring sites and map basic vegetation communities prior to re-wetting at pilot sites in 2014 have been set up.	
2.3.3.3	Selection of satellite images, detailed image interpretation and preparation of GIS biotope mapping, and mapping of rare plants and animals at pilot sites in 2014 (prior to re-wetting).					Ministry of Nature	62000	GEF	Local consultants	71300	PU	Satellite images done. Works have been completed on detailed images interpretation and preparation of GIS biotope mapping? mapping of rare plants and animals on the project territories in 2014 (prior to rewetting): Mhle, Jurjeva, Bobrovka, Ozery, Goncharovka, Novoselki.	
2.3.3.4	Undertaking analytical research of ground waters samples from the project territories before and after the rewetting.					Ministry of Nature	62000	GEF	Contract with legal entities	72100	PU	Analysis is done along 13 indicators of 12 selected ground water samples from the project territories before and after the rewetting.	
2.3.4	Ensuring scientific and practical coordination of project activities in conformity with the Project Document					Ministry of Nature	4000	UNDP	Service contract	19 400	PU	Scientific and practical coordination of project activities is ensured in conformity with the Project Document.	
2.3.5	Customs/logistics services					Ministry of Nature	4000	UNDP	Contract with legal entities	500	PU	Projects' equipment insured	
2.3.6	Printed and information products/materials					Ministry of Nature	4000	UNDP	Contract with legal entities	5 000	PU	Information and printed materials about the project are published. Project briefs have been updated with the latest project achievements. Publication of 2 brochures (A5) in the Russian language is planned: "The methodology for designating various uses for peatlands", "The Report on reduction of GHG emissions due to prevention of peat fires". Calendar for the year 2015 is designed and printed.	
2.3.7	Insuring project vehicle/equipment					Ministry of Nature	4000	UNDP	Contract with legal entities	2 500	PU	Project vehicle is insured	
2.3.8	Petrol and servicing of the vehicle					Ministry of Nature	4000	UNDP	Service of other equipment	3 000	PU	Project activities implemented in full in conformity with the work plan	
2.3.9	Translation/interpreting services					Ministry of Nature	4000	UNDP	Translation/interpreting services	1 000	PU		

Activities

Annual results

Activity	Description	Activities by quarters, USD				Implementing Agency	Fund	Donor	Budget Account	Description	Funds planned, USD	Responsible	
		Q1	Q2	Q3	Q4								
2.3.10	Communication and Internet expenses				Ministry of Nature	62000	GEF	74200	Communication services	1 200	PIU		
2.3.11	NEX audit				Ministry of Nature	62000	GEF	74100		5 000	PIU	Audit completed	
Outcome 2.3													
											UNDP	78 435	
											GEF	260 700	
											Component 2, total		339 135
3. Project management													
3.1	Organizing the activity of the Project Steering Committee (PSC)				Ministry of Nature	62000	GEF				PIU	PSC monitors the project implementation. Two PSC meetings have been organised.	
3.2	Organising the activity of the Project Implementation Unit (PIU)				Ministry of Nature	62000	GEF	71400	Service contract	31 700	PIU	Reaching of the target objective, set by the Project Document, is ensured, as well as established quality standards, deadlines and budget frameworks in compliance with the Project Annual Plan for 2014.	
3.3	Organising the activity of the Project Implementation Unit (PIU)				Ministry of Nature	4000	UNDP	71400	Service contract	13 700	PIU	Reaching of the target objective, set by the Project Document, is ensured, as well as established quality standards, deadlines and budget frameworks in compliance with the Project Annual Plan for 2014.	
3.3.1	Design and further approval of the project implementation plans with PSC.										PIU	Draft Annual Work Plan for 2014 is designed and approved by the Ministry of Nature.	
3.3.2	Reporting to the Ministry of Nature, UNDP, and the Ministry of Economy in compliance with the established time schedule and established procedure.										PIU	Reporting to the Ministry of Nature, UNDP, and the Ministry of Economy is done in compliance with the established time schedule and established procedure.	
3.3.3	Monitoring and assessment of the project												
3.4	Monitoring of the project's progress in accordance with UNDP procedures				UNDP, PIU	62000	GEF				PIU	Regular update on the project implementation in the ATLAS system	
3.4.1	Annual review of the project implementation progress				UNDP, PIU	62000	GEF				PIU	Report on the project's progress is prepared and presented to the project participants.	
3.4.2	Termly monitoring of the project's progress by travelling to the project territories				Ministry of Nature, UNDP, PIU	62000	GEF	71600	Travel	10 000	PIU	Around 15 monitoring missions have been conducted to the project territories.	
											Total on the project management	55 400	
											UNDP	13 700	
											GEF	41 700	
											Total	814 790	
											UNDP	117 035	
											GEF	697 755	

List of abbreviations:

UNDP United Nations Development Programme  
 SPC Scientific and Practical Centre on Bioresources  
 GEF Global Environment Facility  
 Ministry of Nature Ministry of Natural Resources and Environmental Protection of the Republic of Belarus  
 APB BirdLife Belarus  
 PSC Project Steering Committee  
 PIU Project Implementation Unit  
 SPNA Specially Protected Nature Area  
 ATLAS UNDP resources platform

UNDP Programme Officer

UNDP/GEF Project Manager

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*(Handwritten signature)*

Igar Tchoulba

Alhaksei Artsushchenski

Date

Date

*10 February 2014*