

26 March, 2015

**ACTION PLAN FOR UNDP/GEF PROJECT 00059042
STRENGTHENING PROTECTED AREA SYSTEM OF THE KOMI REPUBLIC
TO CONSERVE VIRGIN FOREST BIODIVERSITY IN THE PECHORA RIVER HEADWATERS REGION
FOR 2015**

[Outcome 6-8] Conserve carbon pools in the forest and bog ecosystems in the permafrost zone of the Republic of Komi and Nenets Autonomous Okrug													
[activities]	2015												Outcomes/ Indicators
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
[Output6] Extension and strengthening of forest ecosystem and permafrost ecosystem conservation													
6.1 Translation of project materials and reports from English into Russian and from Russian into English.													Translation of project materials and reports from English into Russian and from Russian into English completed.
6.2 Creation of a schematic permafrost map of the Republic of Komi and NAO.													A 1:1,000,000 schematic permafrost map of the lands on the right bank of Pechora (Bolshezemelskaya tundra within the Republic of Komi and NAO) created and is now used in preparing project activities.
Purchase equipment and establish an infrastructure for regional zakazniks in the permafrost area (completion of works).													Equipment purchased and basic components of the infrastructure for regional zakazniks in the permafrost area made.
6.4 Purchase equipment for fire oversight and prevention in the Inta district of the Republic of Komi (completion of works).													Equipment purchased and is used for fire oversight and prevention in the target PAs.
6.5 Peat bog classification (work continuation)													A multilevel peat bog ecosystem classification system developed that is capable of presenting the levels of bog, microlandscapes and plant associations. The system makes it possible to assess ecological functions (ecosystem services) occurring at various spatial levels. A tentative taxonomy of bog biotopes in the permafrost area prepared.
6.6 Research distribution, classify and map permafrost peat bogs in the Republic of Komi and NAO (work continued).													Report describing the results of field collection of materials on hydrothermal regime of hummocky bogs occurring in natural and human-affected conditions in two areas in the Usinsk district: South Kolva (motorway Usinsk - Kharyaga, on the Komi-NAO border); North Kolva (RusVietPetro's license site of the North Khosedayus deposit). Special features of hummocky bogs and their formation researched in the south-western part (RK - NAO border) and in the northern part of the Bolshezemelskaya tundra (NAO).

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6.7 Do comprehensive research to take the stock of the landscape and biological diversity of the areas promising in terms of establishing new PAs (work continuation).														The PA Centre and Yugyd-Va National Park use the report containing the results of the surveys in the Inta, Vuktyl and Troitsk-Pechorsk districts to prepare and improve proposals on establishing new PAs.
6.8 Disseminate the materials of the comprehensive environmental survey of the areas proposed for protection at the republican level														The materials of the comprehensive environmental survey of the areas proposed for protection at the republican level used in establishing the Chernorechenski zakaznik and other regional PAs.
6.9 The climate change mitigation and adaptation workshop for the Yugyd Va national park and regional PAs located in the permafrost zone.														The Project's recommendations and plans for climate change mitigation and adaptation adopted and are used by the PAs in question.
6.10 Prepare a Management Plan and Regulations on Regional Level PAs located in the permafrost zone.														Regulations on Regional Level PAs located in the permafrost zone prepared and submitted to the PA Centre of the Republic of Komi.
6.11 Preparation of facility construction projects and their implementation in the republican PAs with the highest human impact, namely the zakazniks Adak, Yenganape, Vorkutinski (meadow, nature monuments, Waterfall on the river Halmerju, Adzvinski).														Conditions created for consistent nature management and involvement of the local communities in implementation of forest ecosystem conservation projects.
6.12 Involve participants of the public-private sector in the process of conservation and adaptation to climate changes in the permafrost area.														Involvement of participants of the public-private sector in conservation and adaptation of permafrost in the Inta, Vorkuta and Izhem districts of the Republic of Komi analysed all-round, including questionnaire survey, selection of proposals by areas of activity, description of the recreation potential and pilot project preparation.
6.13. Identification and cleaning illegal dumpsites in the republican zakazniks, including installation of additional information boards: the zakazniks Adak, Yenganape, Vorkutinski (meadow, nature monuments, Waterfall on the river Halmerju, Adzvinski).														Owing to the measures implemented, the fire safety level of the forests and peat deposits raised, and observation of the special PA security regime ensured.
6.14 Involve local and indigenous communities in measures aimed at forest fire prevention, nature protection and adaptation activities (commencement of works).														A series of workshops and practical trainings held for the local and indigenous communities. Programs for involvement of local and indigenous communities in measures aimed at forest fire prevention, nature protection and climate change adaptation activities prepared; necessary information provided.
6.15 Carry out fire monitoring and prevention in the Yugyd Va national park.														Fire monitoring and prevention in the Yugyd Va national park carried out.
6.16 VI. All-Russia Research Conference														The All-Russia Research Conference

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“Fundamental and Applied Issues of Forest Soil Science”														“Fundamental and Applied Issues of Forest Soil Science” held jointly with the Russian Academy of Science and the government of Republic of Komi. The conference proceedings and recommendations submitted to the Forest Committee and the Ministry of Nature of the Republic of Komi.
6.17 The All-Russia Conference “Present Status and Development Outlooks of the Network of Protected Areas in the European North and Urals” (on the occasion of the 20 year anniversary of the establishment of the UNESCO World Heritage Site “Virgin Forests of Komi” and 85-year anniversary of the establishment of the Pechoro-Illych Reserve.														The All-Russia Conference “Present Status and Development Outlooks of the Network of Protected Areas in the European North and Urals” held jointly with the Russian Academy of Science and the Government of Republic of Komi. The conference proceedings and recommendations used in managing the system of RK PAs.
6.18 Business plan development for the pilot projects (commencement of works).														One business plan developed for each of the three districts (Inta, Vorkuta, Izhem districts) with a view to particular users and certain guarantees on the part of the local authorities.

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[Output 7.] Pilot Works for Permafrost Peat Ecosystem Rehabilitation														
7.1 Development, testing and implementation of modern environment rehabilitation methods in land recultivation practices (experts)														
7.1.1. Review of environment rehabilitation experience in the Arctic and preparation of preliminary (working draft) guidelines Analyse the legal framework with regard to the possibility of implementing environment rehabilitation methods for ecosystems.														Review publication Update the analysis of the legal framework with regard to the possibility of implementing environment rehabilitation methods for ecosystems based on the changes in the RF laws.
7.1.2. Approve the guidelines on environment rehabilitation in the Arctic/														Work logs Outcome generalisation Methodology improvement proposals.
7.2 Environment rehabilitation works: design and implementation (contractor)														
7.2.1. Design for the Shapkina, Kumzha and Upper Kolva sites (completion of works).														Environment rehabilitation design prepared Project documentation for the Shapkina, Kumzha and Upper Kolva sites prepared.
7.2.2. Work implementation on the Shapkina and Kumzha sites.														Works on the Shapkina and Kumzha sites implemented: reports, logs.
7.3 Basic survey and success assessment of environment rehabilitation measures														

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7.3.1. Observations on the permafrost station Shapkina Further equipment of the permafrost station on the Shapkina site													Working set of equipment Monitoring result logs Report on the state of the permafrost
7.3.2. Monitor GHG emissions from permafrost peatlands undergoing rehabilitation in the NAO Conduct monitoring on regular test sites. Conduct observations.													Working set of equipment Monitoring result logs Data on GHG emissions.
7.3.3 Make arrangements for and conduct monitoring under the permafrost component on environmental rehabilitation sites.													Conduct monitoring. Monitoring result logs Report on the state of the permafrost on the main elements of the landscape and on test sites.
7.4 Use and disseminate experience; formulate policies													
7.4.1. Analyse the legal framework with regard to the possibility of implementing environment rehabilitation methods for ecosystems specifically pertaining to economic incentives offered by the voluntary market of carbon units. <i>(Updated with account for changes in the RF laws)</i>													Memorandum on gaps in the law Memorandum presented to the NAO authorities and reindeer herder associations.
7.4.2. Data on carbon stocks and losses in case caused by damages in permafrost ecosystems consolidated. Approaches to carbon stock and losses accounting in permafrost ecosystems analysed with consideration for changes in land use under the Convention on Climate Change Data integration in the negotiation process.													Recommendations on carbon stock and losses accounting in permafrost ecosystems due to changes in land use Memorandum on the possibility of integration of the permafrost soils in the negotiations process under the Convention on Climate Change Data integrated in the negotiation process.
7.4.3. Proposals on changes in the law concerning environmental rehabilitation methods Proposals on carbon unit accounting in case of changes in land use on permafrost soils.													Legislative proposals prepared and submitted to the legislative authorities
7.5 Prepare completion report for 2015; provide policy recommendations.													Chapter on the component in the annual report Policy recommendations. Results presented in the NAO authorities

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[Output 8.]Monitoring of and Research into the Climate - Permafrost Relation; publication and dissemination of experience													
8.1 Prepare a programme for field works in Komi and NAO													Field work plan for the protected areas proposed
8.2 Temperature monitoring in the Project areas in Komi and NAO													Results presented in the annual report of the Institute of Biology
8.3 Perform seasonal measurements of GHG													Results presented in the annual report of the

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emission flows on hummocked peatbogs in the Inta district													Institute of Biology
8.4 Procure expendable materials to supply the monitoring site in the Inta district.													Expendable materials used to repair the equipment and monitoring sites.
8.5 Rent vehicles and aircraft to transport working groups and equipment to the Project areas.													Working groups and equipment delivered to the Project areas.
8.6 Continue collection of field materials to identify carbon stocks in the forest and bog ecosystems in the permafrost areas of the Inta district.													Carbon stock estimate results presented in the report of the Institute of Biology.
8.7 Continue survey of replacement of coniferous forests with broadleaves in the forest tundra, of shifts in forest height and border width.													Results summarized and presented in the report of the Institute of Biology.
8.8 Extend contacts with the international community; promote Project outcomes in conferences; prepare materials for publication.													Project outcomes presented in working meetings with experts from nature conservation experts agencies of the Republic of Komi and NAO, in Russian and international conferences.
8.9 Involve students in monitoring works on the peatlands of the Inta district and NAO.													The results included in the students' reports on their field practice and reflected in publications.
8.10 Prepare completion report for the year.													Report prepared and presented to Project Manager for approval.

Project Manager



V.I. Ponomaryov