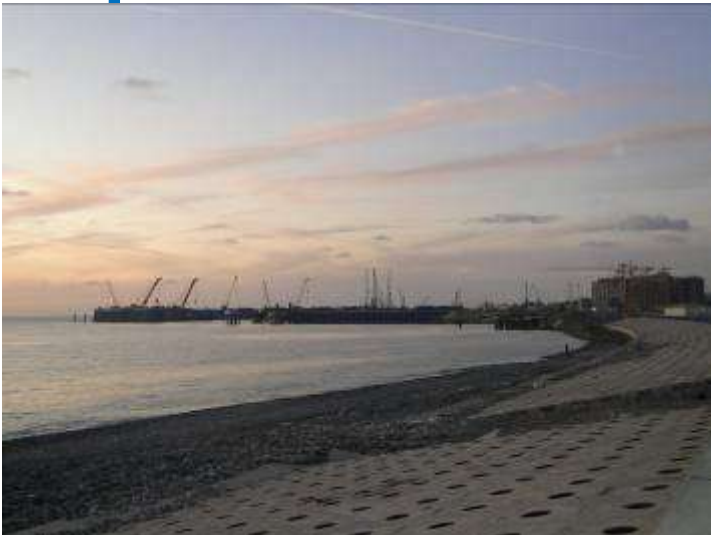




Project Inception Report



Greening 2014 Sochi
Olympics: A Strategy and
Action Plan for the Greening
Legacy

Project ID: 00074313



Moscow-Sochi 2011 г.

Project ID card

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Project title	Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy
Project location	Russia, Krasnodar region, Sochi
Project duration	
Value (total budget)	US\$ 900,000 (GEF)
Funding	
Main partners and beneficiaries	Ministry of natural resources and environment of Russian Federation
Expected Outcome(s)/Indicator(s):	Outcome 3. Energy and environment: Improved environmental sustainability of development processes
Expected Output(s)/Indicator(s):	Improved environmental sustainability of development processes and increased energy efficiency/ Environment indicators included into development policies at the sub-national and regional levels
Status of the project at the time of reporting	Inception phase
Report prepared by	Svetlana Golubeva, Manager of the project (signature)

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List of acronyms

ATMS	Automated Traffic Management System
BREEAM	BRE Environmental Assessment Method
EE	Energy Efficient / Energy Efficiency
GEF	Global Environmental Facility
GHG	Greenhouse Gas
HPP	Hydro Power Plant
IOC	International Olympic Committee
IPCC	Intergovernmental Panel on Climate Change
ITMS	Integration Traffic Management Scheme
MNRE RF	Ministry of Natural Resources and Environment of the Russian Federation
MSP	Medium sized project
PSC	Project Steering Committee
RE	Renewable Energy
RF	Russian Federation
SC Olympstroy	State Corporation “Olympstroy”.
SDW	Solid domestic waste
SERR	Supplementary environmental requirements for the design and construction of the Olympic venues
SOOC	Sochi Olympic Organizing Committee
TPP	Thermal Power Plant
UKPF	United Kingdom Prosperity Fund
UNDP	United Nations Development Program
UNEP	United Nations Environmental programme

1. Overview and Achievements to date

The project document was signed by the UNDP and the Ministry of natural resources and environment of Russia on 21 December 2010. However, the National Project Director was appointed by the MNRE RF only on 6 July 2011 thus the actual start of the project was postponed by six months. The project implementing organization/responsible partner and the project manager were contracted on 11 August 2011 as a result of a tender. The project office was set up at the national implementing organization.

Since the beginning of the project implementation an important progress has been achieved in building partnerships and stakeholder engagement for the project. This resulted in leveraging additional cash co-financing from the UK government, building synergies with UNDP/Coke partnership project in the Black Sea, operationalizing cooperation with the Sochi Olympics Organizing Committee, defining sources of international expertise in the field of carbon management, footprinting and offsetting. These activities are described in more detail in the Section 3 of this report. A series of consultations were conducted with representatives of UNEP to set up coordination with their work to assist Russian Olympics authorities.

The GEF Project *objective* is to produce a Greening Strategy and Action Plan for the 2014 Winter Olympics in Sochi. The project will develop greening recommendations and action plans in six specific sectors. By introducing an early climate change planning the project will help set up "carbon neutral" event and unleash the potential for GHG emission reduction during preparation to and convening the Sochi Olympics. In doing so the MSP will come up with an integrated programmatic approach (a set of project proposals) for the Greening of the Sochi Olympics. The project provides access to the international expertise in the carbon emissions management in order to fulfill the RF obligations with regard to conducting "carbon neutral" Olympics. It is planned to be made through not only large-scale implementation of energy efficient solutions and technologies, but through transfer of methodological experience acquired in this area.

By the end of the first six months of the Project implementation, works on the following four sectors out of the Project six components have been carried out:

- Outcome 1** "Green building standards": An Action Program for introducing green standards for Sochi Olympics construction and further replication
- Outcome 2** "Energy efficiency and power planning": Integrated Strategy and Action Plan for energy efficiency
- Outcome 3** "Renewable energy technologies": Reducing GHG emissions through increased application of renewable energy technologies at 2014 Olympics.
- Outcome 5** "Carbon offsets": Sochi Carbon Offsets Programme.

Contracts on the most significant components have been concluded or are being planned. (see Table below).

On November 15-16, 2011, an Expert Workshop on carbon emissions methodology and management was held in Moscow. The Workshop was financially supported by the GEF and the UK PROSPERITY Fund of the UK Embassy in Moscow. The Workshop program incorporated the approaches for GHG inventory, carbon management and offsetting programmes, the best international practices (carbon footprint estimates for the London Olympics) and "brainstorm" of all the participants. The discussion resulted in identifying the most urgent methodological issues, information gaps and solutions.

The Workshop attendees included representatives of the RF Ministry of Natural Resources and Environment, Sochi 2014 Organizing Committee, UNDP, experts in carbon financing, monitoring, reporting, verification and other areas of environmental policy, research institutions and universities, and NGOs. The Workshop agenda is presented in Annex 6

An Inception Workshop was held after that on November 18, 2011 in Sochi. It enabled to update the Project objectives, first of all, with regard to the demonstration projects, and to formulate the Project Work Plan taking into consideration the technical innovations that had been introduced prior to the Project launch; the results of working out the Project details, and administrative decisions. The first project Steering Committee was conducted in Sochi on 17 November 2011 involving representatives of UNDP, MNRE RF, regional authorities of the Krasnodar Kray, Sochi City, SOOC, Olympstroy and other stakeholders.

A joint road map was developed and agreed with the Sochi 2014 Organizing Committee for the Outcome 5 (Carbon offset programme). Draft framework cooperation agreement with the Sochi 2014 Organizing Committee was developed, cleared at the local level and will be shared for information/clearance with IOC.

Main Project Assignments for 1st quarter 2012

Outcomes	Assignment	Contractor	Comments
Outcome 1 “Green building standards”: An Action Program for introducing green standards for Sochi Olympics construction and further replication	1. Sochi Olympics carbon footprint screening (for buildings, facilities) – a preliminary express assessment of the carbon footprint	Craig Simmons (UK)	Tender has been completed.
	2. Analysis of two building demonstration projects developed by SC “Olympstroy” (upon completion of the methodology for estimating energy consumption of buildings that is being developed by SC Olympstroy)		Preparing Terms of Reference and conducting tender – April-May, 2012.
	3. Analysis of the demonstration projects developed by JSC “GlavstroyManagement: passive residential building in the Olympic village and the new Sochi Imeritinsky Port ” (upon completion of the methodology for estimating energy consumption of buildings that is being developed by SC Olympstroy)		Preparing Terms of Reference and conducting tender – not sooner than April-May, 2012.
Outcome 2 “Energy efficiency and power planning”: Integrated Strategy and Action Plan for energy efficiency	1. Carbon footprint screening (express-assessment) for heat and power supply projects and demand infrastructure	Craig Simmons (UK)	Tender has been completed.
	2. To redefine implementation arrangements for demonstration project on the landfill gas utilization in the city of Loo or another landfill.		
Outcome 3 ”Renewable energy technologies”: Reducing GHG emissions through increased application of renewable energy technologies at 2014 Olympics.	1. Analysis of existing and planned energy solutions for Olympics, including renewable energy technologies.	V.A.Butuzov	Tender completed. Contract has been concluded
Outcome 4 ”Low carbon transport”:	Evaluation of transport solutions and technologies,		Preparing Terms of

<p>An integrated strategy and action plan for reducing GHG emissions from transport during preparations and convening of the Olympics.</p>	<p>including zero-emission transport for the Sochi Olympics. Analysis of baseline situation, reductions of GHG emissions resulting from existing transport solutions, recommendations for additional optimization.</p>		<p>Reference and conducting tender – April-May, 2012.</p>
<p>Outcome 5 "Carbon offsets": Sochi Carbon Offsets Programme</p>	<p>1. Review of international best practices for carbon offset programs</p>	<p>Eric Matalon (France)</p>	<p>Contract has been concluded</p>
	<p>2. Concept (and program) of reducing carbon emissions, increasing carbon sequestration and carbon offsets aimed at achieving zero-carbon goals.</p>		<p>Upon completion of the review (Eric Matalon) and calculations (Craig Simmons) - April-May, 2012</p>
	<p>3. Analysis of the demonstration projects developed by JSC "GlavstroyManagement: passive residential building in the Olympic village and the new Sochi Imeritinsky Port"- developing the monitoring and reporting systems for GHG emissions</p>		<p>Preparing Terms of Reference and conducting tender –February-March, 2012.</p>
<p>Outcome 7. UK knowledge transfer for greening Sochi 2014 Olympics (new activity supported by UKPF)</p>	<p>1. Training workshop on carbon neutrality and carbon management standards.</p>		<p>TORs developed. Planning started. Tenders announced.</p>
	<p>2. Study tour for Russian Olympic authorities to study carbon management and offsetting experience of the London 2012 Olympic Games.</p>		

2. Brief description of the project

The staging of a Climate Neutral Games is one important component of the Sochi 2014 bid document which stated that «Sochi 2014 will reach its carbon neutral goal by:

- adopting energy conservation measures in all new construction,
- retrofitting existing energy production facilities to operate using renewable fuels, and
- offsetting remaining greenhouse gas emissions with emission reduction credits”.

Additionally, the bid document states, "The Sochi 2014 carbon footprint will be calculated based on power use from the time the Games are won through the post-Games shut-down phase. Quantification will be based on current July 2007 usage levels and projections for new facilities built for Games time. Quantification will encompass all utilized power, including use of electricity, and all air and ground transport. Emission reduction credits will be used to offset the remaining carbon footprint to reach a carbon-neutral status.”

The experiences with carbon management of large international events has shown a steady development of improved concepts and approaches, advancing expectations in terms of quality and transparency as well as widening the scope of emissions considered as within the project boundary of the event. Today the following issues should be seen as state of the art for green events:

- Site specific reductions first, offsetting second.
- Project boundary includes all emissions directly related to the event, thus also including the largest share of spectators international air travel.
- Stringent monitoring of emissions starts already in the preparation phase.
- Offsets from projects certified under internationally acknowledged standards.

The following initiatives are recommended by the monitoring council of the “Sochi 2014” Organizing committee (concerning measures of climate impact reduction):

- Creation of environmentally sound traffic net.
- Introduction of modern control and management methods to the traffic net of Sochi based on informational technologies providing online traffic control with prevention of traffic jam formation.
- Traffic management improvement and limitation in the borders of Olympic park and Sochi national park, occupied with Olympics objects of a mountain cluster.
- Equipment of municipal transport vehicles and special vehicles, used for the Games preparation, with devices providing pollutants volume reduction in exhaust gases, according to the established fuel quality standards.
- Transforming part of the public transport of the city of Sochi for natural gas fueling, replacement of obsolete transport vehicles with modern and environmental-friendly ones, as well as adoption of stricter requirements to the motor fuels market of the Big Sochi.
- Adoption of environmentally stricter requirements, compared to the national ones, to energy efficiency of the buildings.
- The Olympics objects infrastructure projects should be implemented in a singular manner using the most effective funding and methods for limitation of negative impacts to the environment.

- Application of resource saving technologies and methods.
- Re-equipment of the city boiler units from fuel oil and coal to gas fueling and improvement of their technical conditions in order to reduce polluting emissions to the atmosphere.
- Maximal use of the alternative (renewable) energy sources, which cause no pollution to the environment.
- Introduction of new energy generating facilities, using exceptionally gas fuel.
- Preservation of water basins.
- Implementation of programs for preservation of the Sochi national park's environmental functions.
- Greening of the Olympic park and the city objects.

All carbon emissions that cannot be reduced directly are expected to be offset by financing of national GHG reduction and sequestration projects. The strategies for the 2010 Winter Games in Vancouver and the 2012 Summer Games in London set high standards for Green Events.

The most important Project tasks include environmental knowledge dissemination and educating, particularly, in the area of climate change and energy efficiency. Thus the project is sought to develop a greening legacy of the Sochi 2014 Olympics for both Russian Federation and the international Olympic movement.

The Project *objective* is to produce a Greening Strategy and Action Plan for the 2014 Winter Olympics in Sochi. The project will develop greening recommendations in six specific sectors, namely:

1. introducing “Green building standards”;
2. energy efficiency and power planning;
3. renewable energy technologies;
4. low carbon transport;
5. carbon offsets program;
6. public awareness and advocacy strategy.

3. Evolvement of regulatory framework and other factors that can affect the project implementation and outcomes

a. Evolvement of standards and norms

The project document was developed in 2008-2009. By the project launch (July 2011), a number of problems which were envisaged to be solved under the project undergone natural development and changes. By that moment the Olympic venues design had been completed and the construction work begun.

The Sochi Olympic is a booming and dynamic project. Its implementation is closely related with conservation of the unique regional environment and protection of climate. In view of this SC «Olympstroy» tightened significantly the environmental protection requirements for the Olympic venues and facilities, including those that complied with the “Green Building” standards. It was done also to meet the recommendations provided by IOC, UNEP and other international organizations and experts. Currently the unique environmental protection and energy-efficiency technical solutions are being tested at the Olympic venues and facilities.

Moreover, evolvement of the legal and normative requirements in the area of “green buildings” in the Russian Federation, as well as rapidly growing expertise gained through construction of the Olympic infrastructure and other activities held during the preparation for the Sochi 2014 Olympic Winter Games led to the approval of the special environmental requirements, development and use of the “Green Standards”.

Currently, in the framework of preparation to the Sochi 2014 Winter Games, the following four systems of “Green Building” standards are used varying by their status and enforcement procedure namely: (i) “Supplementary Environmental Requirements and Recommendations”, SERR, (SC “Olympstroy”); (ii) “Corporate Green Building Standard” (SC “Olympstroy”); (iii) “BREEAM International Standard”, and (iv) “Voluntary Certification System for Real Estate - “Green Standards”. An order of the Minister of Natural Resources and Environment of Russia (December 30, 2009) approved the criteria of the voluntary environmental certification system that took into account international experience in “Green” standards use. The voluntary certification system for buildings “Green Standards” was worked out. The core document regulating the system operation is “User Guide” registered on February 18, 2010 by the Federal Agency for Technical Regulation and Metrology (Registration certificate issued by the Unitary Registration system for voluntary standards № ROSS RU.И630.04ААД0). On April 8, 2011, a second, updated version of the system was registered.

It is decided already that at least ten of the key Olympic venues will be certified against BREEAM International Standards (9 against BREEAM Bespoke International 2008, and 1 to BREEAM Commercial Europe). These include the Central Stadium, Speed Skating Centre, Bolshoi Ice Palace, Russian International Olympic University, the IOC Hotel and several others.

The Sochi 2014 Olympics also affected the development of the urban area as a whole. As a result a number of decisions were made at municipal level, including those concerning optimization of the transport service and waste management. For example, the Olympic Games Transport Directorate is developing and introducing Integration Traffic Management Scheme (ITMS) and Automated Traffic Management System (ATMS) in Sochi. Upon the Olympics end, the fully functional ATMS and the updated ITMS should be capable to ensure effective traffic management.

A new urban transport system has been developed and partially introduced. A core road interchange “Adler ring” is planned to be commissioned in the first quarter of 2012. Thus, currently the attention is focused not on the elaboration of recommendations for traffic management but on accumulating the results of alternative solutions regarding transport and technologies for environmental impact mitigation. That also includes the use of low- or zero-carbon emission vehicles during the Olympics.

In January 2010 one of the largest Sochi landfill of solid waste located in the city of Adler was closed. Its re-cultivation is projected to be finished in 2012.

The Russian Government program on preparation to the 2014 Winter Olympics envisages implementation of several energy infrastructure projects in Sochi and the Krasnodar Krai. In summary the program includes:

- Setting up a new generating capacity of 1208 MW (Following thermal electric power stations: Dzhugbinsk, Kudepstinskaya, Adler, Sochi and Tuapse refinery)
- The construction or reconstruction of 17 power-line cables and overhead cables, with a total length of over 1400 KM with 10 stations belonging to FGC UES and 7 to Kubanenergo
- The construction of 18 sub-stations with a capacity of 110/220 KW with 10 belonging to the power supplier FGC UES and 8 owned by Kubanenergo
- The venues in the Coastal and Mountain Clusters will be connected to a single energy supply grid for the Sochi energy region
- The Coastal Cluster will be supplied predominantly by the TPS Adler (over 360 MW) and the TPS Kuddeptinskaya (360MW). The Mountain Cluster by TPS Sochiskaya (160 MW) and Krasnopolyana Hydroelectric plant (82 MW)
- The whole energy region will have access to TPS Dzhubginskaya (180 MW) as additional stand-by capacity

Additionally, as part of the energy supply concept for the Games, back-up power for the sporting spectator events and the broadcasting of the Games will be provided by independent electricity generators for each venue. To further increase reliability, the substation of Psou (220 KB) is to be upgraded and four completely new substations built for the Coastal Cluster: Ledovy Dvorec (110 kV), Imperitinskaya (110 kV), Veseloe (110 kV) and Vremenaya (110 kV). In the same way the Mountain Cluster will benefit from the following new substations: Poselskaya (220 kV), Laura (110 kV) and Roza Khutor (110 kV) in addition to the construction work due to be completed at Mzymta (110 kV). The Construction Program also includes the conversion of 10 of the town’s district heating plants to natural gas, along with the upgrading of the heating transmission network.

In addition to this, federal law “On energy saving and increase of energy efficiency” was passed only in the end of 2009, i.e. as soon as the planning stage was over. Partially because of this the climate and natural features of the region in connection with energy generation due to renewable energy sources - solar, wind and geothermal and other types of energy – haven’t been properly reflected in the adopted power supply schemes.

According to one of the commitments made in the Sochi 2014 Bid Book, SC “Olympstroy” prepared a set of “Supplementary Environmental Requirements and Recommendations (SERR)”. It was approved by SC “Olympstroy’s” Supervisory Board (Official meeting notes dated April 29, 2009, No. 22, meeting notes version dated September 24, 2009, No. 27 and meeting notes from September 21, 2010 - No. 43). The SERR became mandatory for contractors and Responsible Executives in the Construction Programme and then later became the basis of SC “Olympstroy’s” “Corporate Green Building Standard”.

The SERR led to priority implementation of some elements that go beyond the mandatory norms of the Russian Federation: for example, the use of renewable energy, building management systems, rainwater harvesting, automated sensors, recycling of wood and of construction waste. By the beginning of the project realization the corporate “green“ building standard was developed from the SERR and was approved by SC “Olympstroy’s” Decree (Decree dated March 28, 2011, № 193). The document establishes the requirements for energy and resource efficiency, environmental compliance, sustainable land use at the design, construction, refurbishment and operational stages of the Olympic venues as well as stipulating criteria for their assessment.

According to information provided by SC “Olympstroy” there is some practice of project improvement according to energy efficiency requirements.

The standard incorporates 8 groups of criteria, for which points can be gained during certification as follows:

- Environmental Management (maximum score – 70 credits)
- Site selection, infrastructure and design of surrounding territory (80 credits)
- Efficient use of water, surface water, drainage systems and the regulation of stormwater runoff and prevention of pollution (40 credits)
- Design planning and construction solutions (100 credits)
- Energy Efficiency (70 credits)
- Materials and waste (80 credits)
- Comfort and well being (60 credits)
- Health and safety (30 credits)

Currently SC “Olympstroy” is working out methods of measuring energy consumption of the buildings and constructions in order to assess then energy consumption of the buildings and energy conservation. The assessment is going to be finished by the middle of 2012.

There is also one more factor that causes considerable changes in the preparation of the Olympic Games - it is the experience in calculation of carbon footprint of the London Olympic games gained whilst approving of the project. At the moment experts consider these results as the most detailed as they take into account the greatest number of sources, including those that were disregarded whilst calculating carbon footprint of the previous Olympic games in Turin, Vancouver and Beijing. As from 2009 updated data on conducted calculations are published annually.

b. Legislative changes

During the preparation stage there were no detailed legal requirements for energy efficiency and energy saving. Federal law “On energy saving and increasing energy efficiency...” was passed only on November 23, 2009, No. 261.

Mandatory use of the best available technologies is one more issue that will affect the process of making decisions. The State Duma of the Federal Assembly of the Russian Federation adopted in the first reading (resolution dated October 7, 2011, No. 5949-5) draft Federal law No. 584587-5 “On changes in the state regulations of the Russian Federation governing the improving of the rationing arrangements in the field of environmental conservation and the implementation of economic incentives of economic entities in order to implement the best technologies”.

The criteria for the best available technologies include:

- the least environmental impact of a unit of manufactured goods (work, services)

- energy efficiency of the implementation
- availability of one or several objects that have a negative impact on the environment in order to use the technologies
- resource- and energy-saving methods.

Characteristics of the adoptable manufacturing techniques and technological equipment should include types and quantity of raw materials, water, energy resources that are used as well as amounts and types of planned output.

c. Changes in organizational structure

Some changes in the Government of the Russian Federation are expected to happen after Presidential elections in Russia scheduled to March 4, 2012.

d. Other potential factors that can affect the project implementation and outcomes

During the project implementation, new factors that can affect its implementation period and outcomes may arise, including the following:

During Olympics construction, some changes related to environment and energy efficiency concerns are made in the project design and/or the working documentation. Those changes are introduced to comply with both requirements of building owners and potential vendors, and the IOC and UNEP recommendations. For example, the original Project envisaged developing energy efficiency design methodologies including energy simulations (output 1.2). But following the IOC recommendation, SC “Olympstroy” has already contracted an independent specialist to develop the relevant methodology. Evidently, it is reasonable to use and verify that methodology in frame of the Project. So, all other “green” initiatives, which have been displayed or will be displayed in the Olympics construction should be used by the Project. It may affect the content and dates of the originally expected Project results.

In frame of the Project, consultations are permanently held with major Project stakeholders: MNRE RF, SC “Olympstroy”, Sochi 2014 Organizing Committee, representatives of the Krasnodar krai and the Sochi city governments. According to the information provided by the stakeholders, alternative solutions for some demonstration projects are being discussed. For example, pre-feasibility study for Adler Landfill Gas recovery project (output 2.4). Final decision on currently operating and potential landfills in the Big Sochi region has not yet been made. Thus, the demonstration projects and projected outputs may be modified.

e. Replication potential

After the approval of the GEF project Russia won the opportunity to host the 2018 FIFA games. Preparatory work for the FIFA games has started at the national level – institutional arrangements set up, list of host cities is being reconfirmed, etc. This provides an excellent opportunity for the GEF project to expand its direct replication potential and legacy. It is therefore recommended that 2018 FIFA authorities are invited to the GEF project training, capacity building and knowledge transfer events. Efforts will be made to ensure that best practices and technologies demonstrated at Sochi 2014 venues aimed at reduction and offsetting GHG emissions are utilized at FIFA 2018.

f. Changes in project financing and additional resources leveraged

Since the launch of the project in 2011 UNDP mobilized additional resources from the UK Government/UKPF focusing on UK knowledge transfer and sharing experience of the London 2012 Olympics on carbon management and offsetting. London Olympic Games so far represent the most advanced solutions for carbon footprint assessment, GHG emission reductions and offsets. Additional US\$60,000 was leveraged that allowed to engage best international expertise,

conduct a series of training workshops for Russian Olympics authorities and experts, plan a study tour to the UK. A new project component/activity on UK knowledge transfer was added to the project. Consultations are carried out with the UK to continue their support in 2012.

The GEF project is coordinated with the educational activities co-financed through the UNDP/Coca-Cola Intl. partnership programme “Every Drop Matters”. The programme is financing development of a Russian language environment education tool-kit “Black Sea Box” in partnership with the Sochi 2014 Organizing Committee. A joint launch of the tool kit was arranged in Sochi in October 2011. Distribution of the tool kit, training workshops and public awareness events are planned for 2012. This UNDP work is linked to the Sochi 2014 programme “Enlightenment Games” and help building a joint communication and awareness agenda.

4. Changes Recommended for the Project Document

a. Recommended Changes

The recommended changes do not affect the main Project objectives, namely:

- to form greening legacy of 2014 Sochi Olympics;
- to develop Action Plan for reducing GHG emissions;
- to develop a Sochi-specific carbon offset program.

Proposed changes to the Project address, first of all, the outputs, updating the demonstration projects, and implementation terms of some outputs. The key recommended change to the project is to strengthen the focus of the project on setting up and disseminating Sochi Olympic Legacy and related indirect global environmental benefits that will be much greater than potential direct incremental emission reductions at the Olympic venues. All the recommendations are summarized in the Table presented below.

Recommended change of the project duration: based on the consultation with the national stakeholders and assessment of the Sochi Olympic preparation timeframes it is recommended to extend the project duration until December 2013. This will reflect late start of the project (7 months delay) and additional time requested in 2011 for stakeholder consultations and redefining the project during inception period.

Table. Changes recommended for the Project Document

Section	Originally in the Project Document	Recommended Changes	Rationale
General characteristics of the project	<p>Target – Integrated Action Plan for GHG mitigation to support the Carbon Neutral Games target of the Sochi 2014 Winter Olympics Environmental Strategy by end of the 1st year</p> <p>Minimum 10% reduction of direct GHG emissions related to Olympic development, staging and legacy (operations, building and transport) as a clear target of the Sochi 2014 Climate Neutral Games Action Plan</p>	<p>Target – Integrated Action Plan for GHG mitigation to support the Carbon Neutral Games target of the Sochi 2014 Winter Olympics Environmental Strategy by middle of the 2nd year</p>	<p>The implementation period has been moved forward because of the delay with the project launch.</p>
<u>Outcome 1</u> <u>“Green building standards”:</u>	Output 1.1 Training program on green building practices for Olympstroy and other agencies involved in Olympic construction	Training program on green building <i>practices</i> and <i>assessment of energy efficiency</i>	Within the Goal “Games and legacy”, it is reasonable to disseminate already acquired expertise and skills.
	Target – Minimum 40 participants by the end of the 1 st year	... within the beginning of the 2 nd year	Upon completion of methodology of energy efficiency assessment by the SC “Olympstroy” (ECOTECH International Group)
	Output 1.2 Public outreach including identification and development of flagship green building projects within the Olympic Venues	<i>Identification and assessment of three green building projects within the Olympic Venues</i> – passive house and two SC “Olympstroy” venues	Involvement in the Project design has been excluded because of the delay with the project launch

	<p>Output 1.4 Model TOR for public procurement of goods and services incorporating green standards</p> <p>Target – Green procurement guidelines distributed to 50 contractors and building firms by the end of the project</p>	<p>Target – Guide to procurement of goods and services applying the “green” building principles by the end of the project</p>	<p>The change has been made in order to achieve the Project strategic goal of greening legacy.</p>
<p>Outcome 2 “Energy efficiency and power planning”:</p>	<p>Target – reduction in baseline GHG emission from energy supply of 10% (with option of cost-efficient offset projects) by 2014</p>		
	<p>Output 2.1 Inventory of planned heat and power supply and demand infrastructure</p> <p>Target – Preliminary GHG inventory for games-related power and heat generation by the end of the 1st year</p>	<p>Target – Preliminary GHG inventory for games-related power and heat generation <i>by the beginning of the 2nd year</i></p>	<p>The implementation period has been moved forward because of necessity to develop a methodology of the GHG emission estimates.</p>
	<p>Output 2.2 Compendium of EE solutions for heat and power supply and consumption</p> <p>Target – Discussion paper for GHG mitigation through supply side EE improvements at the regional level and the option of using remote projects for carbon offsets by the end of the 1st year</p>	<p>Target – Discussion paper for GHG mitigation through supply side EE improvements at the regional level and the option of using remote projects for carbon offsets <i>by the beginning of the 2nd year</i></p>	<p>The implementation period has been moved forward because of necessity to develop a methodology of the GHG emission estimates.</p>

	<p>Output 2.3 Interagency EE committee for preparation to and convening the Olympic Games</p>	Exclusion of this point	Establishing of an Interagency Committees is assigned to the scope and authority of the RF Government. Stakeholders will be engaged through Coordination Committee, the first meeting of which was held on November 17 in Sochi.
	<p>Output 2.4 Design of the Strategy and Action Plan for CC mitigation through power planning and energy efficiency with specific recommendations for low-carbon solutions for the Olympic investment projects</p> <p>Target – Strategic approach and action program to reduce GHG emissions resulting from heat and power generation and distribution during preparation, games and post-game periods by the end of the 1st year</p>	Strategic approach and action program to reduce GHG emissions resulting from heat and power generation and distribution during preparation, games and post-game periods <i>by the middle of the 2nd year</i>	The implementation period has been moved forward because of necessity to develop a methodology of the GHG emission estimates.
<p><u>Outcome 3</u> <u>”Renewable energy technologies”</u></p>	Target – “during staging of the Games 20% of energy has been produced from renewable energy sources...”		
	<p>Output 3.3 Feasibility study and financing plan with specific recommendations for renewable energy solutions (solar, wind, hydropower) for the Olympic investment projects</p>	<p>Output 3.3 <i>Financial assessment and practical</i> recommendations for renewable energy solutions (solar, wind, hydropower) for the Olympic investment projects</p>	Involvement in the strategic planning of the Olympic venues construction is impossible because of the delay with the project launch.
	<p>Output 3.3 Target – Feasibility study to identify most effective RE solutions for games and 3-5</p>	<p>Output 3.3 Target – Identification of the most effective RE solutions for the Games (on the example</p>	Within the Goal “Games and legacy”, it is reasonable to disseminate already acquired expertise and skills

	potential flagship demonstration projects for renewable energy within the games and offset program by the end of the project	of model project - Environmental education and scientific center of Sochi) and application of the results within the offset program by the end of the project	
Outcome 4 "Low carbon transport":	<p>Project strategy An integrated strategy and action plan for reducing GHG emissions from transport during preparations and convening of the Olympics.</p> <p>Target – Minimum 10% reduction of GHG from transport from baseline through integrative planning, procurement and public transport promotion during staging of the Games</p>		
	<p>Output 4.3 “Integrated planning for reducing GHG emissions...”</p> <p>Target – Strategy, feasibility study and action plan towards sustainable transport systems for Olympic Games operations</p>	Target – Supplementary action plan, towards development of sustainable transport systems for Olympic Games operations	Involvement in development of the Strategy and Feasibility Study has been excluded because of the delay with the project launch.
Outcome 5 "Carbon offsets":	<p>Output 5.1 “Establishing a GHG inventory and tracking system including a baseline...”</p> <p>Target – Baseline data is calculated within the end of the 1st year, and monitoring system is developed and approved to operate in the end of the project</p>	Target – Baseline data is calculated within the end of the 1 st year. On the examples of Imeretinsky cargo port and Glavstroy-Management passive building (as the elements of infrastructure of the Sochi 2014 Olympic games) detailed study on sectors and sources of GHG emissions will be carried out, and recommendations on carbon	Strategic target of the outcome is to prepare carbon offsets program. Arrangement of GHG monitoring is assigned to the Roshydromet authority, thus the outcome shall provide recommendations on the required level of detail of the collected data. The selected demonstration project will ensure maximum possible coverage of GHG sources for preparing target recommendations.

		reporting will be made	
	<p>Output 5.3 Target – The program shall include identification and financing program for the supply of high quality carbon credits for offsetting as well as the development and implementation of comprehensive sponsoring packages in order to attract sponsors to contribute to the climate neutral target of the Sochi 2014 Games</p>	<p>Output 5.3 Target – The program shall include identification and financing program for the supply of high quality carbon credits for offsetting, the development and implementation of comprehensive sponsoring packages in order to attract sponsors <i>as well as identification of alternative financial and institutional mechanisms to help</i> meet the climate neutral target of the Sochi 2014 Games</p>	<p>The change to generalized Target has been made because there are other options/ alternative mechanisms that could be used to achieve the goal of “carbon neutral” games.</p>
<p>Outcome 6 ”Public awareness and advocacy strategy”:</p>	<p>Output 6.1 Target – Stock taking of awareness and outreach tools for large international events greening. Working paper on public outreach potential and engagement targets for Sochi 2014 within first 6 months</p>	<p>Target – Stock taking of awareness and outreach tools for large international events greening. Working paper on public outreach potential and engagement targets for Sochi 2014 within second part of the first year</p>	<p>The implementation period has been moved forward because of the delay with the project launch and of reasonability to take into account the experience obtained through preparing 2012 London Olympics that entered the final stage.</p>
<p>Outcome 7. “UK knowledge transfer for the Sochi 2014 Olympics” New outcome - leveraged UK support.</p>		<p>1. Sochi 2014 Olympics Carbon Footprint Study accommodates and adapts the methodology and experience of the London 2012 Olympics 2. Carbon Management Lessons and Successes of the London 2012 Olympics learnt and incorporated in the Sochi 2014 Olympics Carbon Offsets Programme 3. Russian Olympics and climate policy stakeholders received access to and professional advice on the PAS 2060 standard on carbon neutrality and standards on carbon footprint certification and utilize this experience in national carbon</p>	

		management programmes. Action plan for possible adaptation of the UK experience in elaboration and use of PAS 2060 standard on carbon neutrality.	
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b. Expected Effects

The proposed changes will update the Project in terms of the current status of the Olympics preparation and will adjust the Project outputs to comply with the most recent requirements. The above changes will enable

- to associate the Project activities to the tight schedule of preparation to the 2014 Sochi Olympics;
- to ensure the most effective use of the Project greening results; and
- to implement the recommended environmental mitigation measures during preparation to and convening the Sochi Olympics.

The recommended changes will contribute to successful Project implementation as a whole, and therefore will encourage sustainable environmental development of the Sochi Olympics region as a “carbon neutral” territory during post Games period.

5. Report on Inception Workshop

An Inception Workshop on the UNDP/GEF Project was held on November 18, 2011 in the city of Sochi. The Sochi 2014 Organizing Committee provided an organizational support for the Workshop. The Workshop goal was to present the Project in the region: to familiarize the stakeholders with the Project structure and scope, and the GEF expectations and requirements for the Project results. The Workshop Program is presented in Annex 2, and the invitation list – in Annex 3.

The Workshop was opened by the National Project Director, Deputy Director of the Department of State Policy and Regulation in the Area of Environmental Protection and Ecological Safety of the RF Ministry of Natural Resources and Environment, **Ms. V.R. Venchikova**. In opening speech, V.R. Venchikova noted that the project implementation would help to fulfill the MNRE RF obligations to ensure the games would be a “carbon neutral” event.

Ms. N.E. Olofinskaya, Head of the UNDP Environment Department told about the project structure that included outputs of 6 outcomes:

- Green building standards
- Energy efficiency and power planning
- Renewable energy technologies (hereafter RE technologies)
- Low carbon transport
- Carbon offsets
- Public awareness and advocacy strategy.

The speaker also noted that due to the late start-up of the Project, some Project tasks and demonstration projects needed updating. To coordinate the Project activities, the Project Steering Committee (PSC) as a Supreme project consulting and coordinating body was established. The PSC membership was reconfirmed at the first PSC meeting on November 17, 2011.

Then the workshop participants delivered presentations devoted to the individual Project components, which were commented by the Project Manager, **Ms. S.G. Golubeva**.

Mr. A.A. Averchenkov, UNDP Senior Climate Changes Advisor, devoted his speech to the fifth Project outcome “Sochi Carbon Offsets Program”. He mentioned the following outputs of the component:

- GHG inventory and 2014 projections; preliminary carbon footprint forecast;
- Recommendations on GHG emissions monitoring system;
- Review of international best practices for carbon offsets and compensation measures;
- Feasibility study for Sochi Carbon offset program;
- Outreach program and partnerships for the implementation of the program.

At the same time, proposals for the reduction of GHG emissions (construction, energy, and transport sectors, and RE technologies) shall be developed within the components 1-4. Thus, due to novelty and significance, the outputs of the fifth component can be a key asset to the Sochi 2014 Greening Legacy. An experience and an expertise acquired from the GHG estimations, monitoring and compensation mechanisms could be extended over other large sporting events (World Student Games in Kazan', FIFA World Cup, etc.).

Mr. Craig Simmons (UK) summarized the carbon footprint estimates for London 2012 Olympics. A carbon footprint methodology should answer the following questions:

- What are the boundaries of the Games?
- How can we measure the impact of an event that will happen for several years?
- Who is responsible for reducing the impact?
- What reduction targets should be set?
- What are the most practical, cost effective actions to take?
- How to quantify the “carbon legacy” and best compensate for residual emissions?

The carbon footprints calculations for London 2012 Olympics are the most comprehensive. They account for maximum number of the sources which were not considered in the similar carbon footprints estimates for the past Olympics in Turin, Vancouver and Beijing. Since 2009, updated calculations are published annually.

According to Mr. Simmons, a peculiar methodology shall be applied for Sochi 2014 Olympics, which will take into consideration the specificity of the Olympic venues, boundaries of their impact, and financial sources for the infrastructure and venues construction.

Mr. A.I. Nakhutin and Mr. M.L. Gitarsky (Institute of Global Climate and Ecology) expanded the carbon footprint subject in their presentation. Their methodology should meet the following requirements and use provisions of the following documents:

- Guidelines of Intergovernmental Panel on Climate Change (1996, 2000, 2006);
- Guidelines to corporate inventories of emissions – GHG Protocol, ISO guideline.
- Besides, the carbon footprint methodology should take into consideration the following:
 - Experience of the IPCC guidelines adaptation to the Russian conditions;
 - Experience of developing and maintaining the Russian national cadastre of anthropogenic emissions and GHG absorption;
 - International experience acquired from past Olympics and other large events.

Other requirements for the methodology include:

- To ensure transparency and comparability of the carbon balance;
- To verify the balance by independent experts;
- To minimize demanded resources (financial, human, material).

Ms. S.G.Golubeva added that according to the Project Document, the component includes inventory of sources of GHG emissions; developing the compensation program and establishing an offset portfolio to implement the compensation measures. The Terms of Reference will be updated taking into account the following: experience of the past Olympics demonstrated that the

component provoked the most public interest; and 2014 Sochi Olympics are expected to be “carbon neutral” games.

Addressing outcome 4 “An integrated strategy and action plan for reducing GHG emissions from transport during preparations and convening of the Olympics”, Ms. S.G Golubeva noted that the component is dedicated to create compendium of alternative transport solutions and technologies, including zero/low emission transport for Olympics. **Mr. E.A.Moshnov** (company “Master-Concept”) told that GHG emissions from transport could be reduced through optimization of public transport routes, use of rail transport for urban transportation, and construction of transfer hubs in the Sochi coastal region.

The transport system optimization will result in the following:

- Number of lines, buses and drivers will be reduced by more than 50%. At the same time, the number of citizens which will have an access to the new transport system will increase in 85%;
- Less complex routes and easy to remember schedule are used;
- Synchronized schedule for all transport systems is developed;
- Circular routes are used instead of linear ones;
- A special attention is paid to the main railway between Sochi and Adler.

An SC “Olympstroy” representative, **Ms. E.I.Nosacheva**, informed about energy efficient solutions applied for Olympic venues construction. The speaker noted that the State Review not always approved design project documentation containing new energy efficient technological solutions because they increase project costs. Nevertheless, the state corporation “Olympstroy” uses actively “green standards”, which were developed by both the corporation itself and the RF Ministry of Natural Resources. Some Olympic venues shall be certified in accordance with UK system BREAM that involves energy saving and energy efficiency issues. There are already specific examples of energy efficient solutions applied for the Olympic venues, including heat recovery; light-emitting lighting; individual temperature regulation; water heating with solar batteries, etc. The corporation puts into practice the IOC recommendations. In particular, to quantify energy consumption of buildings and facilities, a relevant methodology is being developed (Rob Watson, ECOTECH International Group) that will allow to measure energy consumption and economy.

Presentation made by **Mr. V.A.Butuzov** (JSC “Yuzhgeoteplo”) raised a particular interest of the workshop participants. The presentation was devoted to RE technologies use in the Krasnodar krai. The region possesses substantial resources of geothermal waters, which can be used for various purposes. For example, a geothermal heat supply system has been developed for the city of Labinsk, and a similar project has been prepared for settlement Rozovyi (Labinsky district). A usage project for the geothermal field “Mostovskoye” has been designed, which included costs estimates of the heat supply system. In addition, projects of geothermal heat supply of the cities Anapa, Goryachiy klyuch, and Apsheronsk have been developed.

Use of solar energy is another promising line of the alternative energy development in the Krasnodar krai. The total solar radiation on a horizontal surface of the Krasnodar krai is about 1250-1400 kW·h/m², and therefore, helio installations operate effectively enough, but they are used at small facilities only. Due to the financing shortage, the projects envisaged use of solar batteries has not received adequate dissemination in the Krasnodar krai. To encourage further progress of solar energy, new regulations should be developed as it was done in western countries, where different incentives were used, including government subsidizing of the solar collector production and installation.

Use of RE technologies in construction of Olympic objects will enable to reduce significantly energy consumption of buildings that according to the Project shall be demonstrated on example of the Ecological Education and Research Centre in Sochi. Providing comments, Project Manager and workshop participants noted that if financial sponsors are available, RE technologies-related projects in the Krasnodar krai will serve as a tool to compensate GHG emissions in 2014 Sochi Olympics construction and convening.

As to the Component 2, potential involvement of the Project experts in the project on a landfill in the city of Loo was discussed. Originally, according to the Project Terms of Reference, a pre-feasibility study for Adler Landfill Gas recovery project was supposed to be done. But the Adler landfill has been already shut down. It is worthwhile to consolidate two tasks of the Loo landfill project: to collect the landfill gas and to use that gas as a fuel to combust biological waste.

Ms. I.A.Kommercheskaya (Sochi National Park) informed about educational activity of the Park, events and actions dedicated to environmental protection. The speaker noted that in spite of large number of the events, such issues as climate change, energy efficiency and energy saving have not received an adequate attention. Meanwhile children's audience is the most promising and active with respect to perception of environmental challenges.

Ms. S.G. Golubeva, Project Manager, proposed to take properly into account the accumulated experience in public awareness and the large educational network because the core element of the Outcome 6 was to draw a Plan on coordinated interagency campaign on Climate Change and Greening Legacy. For example, company «Coca-Cola» and UNDP sponsored Russian version of an environmental tool kit for elementary school - "Black Sea Box", which was presented on October 31, 2011 in the Sochi "Day of Black Sea" celebration.

The following speakers participated in the debates:

Ms. N.L.Korobova suggested to support developing State standard (GOST) to assess compliance with the Green standards within the Project framework.

Mr. N.M. Himulya (JSC "Organ-Servis) recommended to apply to the Sochi administration and State company "Olympstroy" in order to evaluate possibility for consolidating the two Loo landfill projects.

Summing up the Inception Workshop, **Ms.S.G. Golubeva**, Project Manager, informed the participants that all the suggestions and comments on the Project (made at the workshop and received by e-mail) would be taken into consideration in preparing Task Orders for the project experts.

6. Report on the Meeting of the Steering Committee.

First Meeting of the Coordination Committee of the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy” was held in Sochi on November 17, 2011. The Members and observers of the Project Steering Committee were presented (Annex 6). Information on the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy” in accordance with the meeting agenda (Annex 4) was reported to the meeting.

Ms. V.R. Venchikova, National Project Director, greeted the Meeting on behalf of the MNRE RF. The speaker noted that the project implementation would help to fulfill the RF Ministry’s obligations aroused from the RF Government Decree N 991 of December 29, 2007 “ On Program for Olympic Construction and the Sochi City Development as a Mountain Resort”, including, particularly, clause 226.4 “ Inventory of GHG emissions, concept and program on emission reduction and GHG absorption growth to ensure the games would a “carbon neutral” event”.

Ms. N.E. Olofinskaya, Head of the UNDP Department of Environmental Protection in Russia, greeted the meeting on behalf of UNDP. Ms. N.E. Olofinskaya told about the implementation, management and coordination project mechanisms, and presented draft Regulation on the Project Steering Committee (hereinafter PSC). It was noted that the Project started behind schedule, and that is why some project tasks needed updating. Therefore, the PSC members and observers may submit their proposals to modify and/or make additions to the project document. Meanwhile, 6 project components remains unchanged:

- Green building standards
- Energy efficiency and power planning
- Renewable energy technologies (hereafter RE technologies)
- Low carbon transport
- Carbon offsets
- Public awareness and advocacy strategy.

Mr. D.O.Kolosov, Advisor of President of Sochi 2014 Organizing Committee for the Olympic Games (SOOC), expressed great interest in the project results, emphasized need to coordinate activities of the SOOS and the project implementation team in order to ensure the goals and objectives of the Sochi 2014 Ecological Strategy would be achieved, including the strategic goal “games are carbon neutral”.

Project Manager, **S.G.Golubeva** devoted her presentation to the project outputs, activities and budget. She spoke in details about the outputs “Green building standards”, first of all, energy efficiency of buildings (residential, sport, etc.), and “Energy efficiency and power planning”. S.G.Golubeva emphasized that the main outputs and flagship green building projects in frame of the above components should be updated.

Mr. I.V. Lifshits (Non-profit partnership “Green Standards”) and **Mr. S.V. Tsymbalov** (JSC “Glavstroymentedgement”) took part in discussion. Mr. I.V. Lifshits told about training workshops for the SC Olympstroy contractors on the certification system “Green Standards” developed on request of the RF Ministry of Natural Resources and Environment. He proposed to proceed with the training workshops and to complete the GOST (State standard) for that certification system in frame of the Project.

Mr. S.V. Tsymbalov expressed an interest in introducing the system of carbon reporting and GHG emissions management at Olympic venues constructed by the SC Olympstroy.

As a result the following resolution was approved:

1. To endorse the proposed membership of the PSC members and observers representing a number of organizations, including government of the Sochi city, Regional government of the Krasnodar krai, autonomous non-commercial organization “Olympic Games Transport Directorate”.
2. The PSC members and observers shall develop proposals to update the Project work plans by November 30, 2011; the proposed updates shall be incorporated into the Project Inception Report, work plan and budget.
3. To continue to discuss the Project outcomes in frame of the Project Inception Workshop (November 18, 2011).
4. The Project Management Team shall develop the Project Work Plan by February 1, 2012.

7. Project Work plan on 2012 rr.

UNDP/GEF-MNRE RF Project Workplan “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy” 2012

Objective/Output 1 Outcome 1 “Green building standards”																
Arrangements	2012												Budget of GEF (US\$ Sum/ budget line)	Outputs/ Indicators		
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec				
Consultations with partners and potential contractors. Preparing Terms of Reference and tender documents. Conducting the tender. Forming a team of main experts																
Team day-to-day operations, supplementary tenders, business trips of the members of the team														2 000	Suggestions on plans realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved	
Output 1.1 Training program on green building practices and assessment of energy efficiency. Workshops																
1.1.1. Planning and conducting a study trip to London, visiting exhibition on green building, London Olympic venues														In joint effort with British project. Budget is being specified		
1.1.2. Training program on green building practices and assessment of energy efficiency														6 700	Training program	
1.1.3. Workshop on green														10 000	Report on workshops (the	

Terms of Reference and tender documents. Conducting the tender. Forming a team of main experts																	main experts has been formed, work plans have been discussed
Team day-to-day operations, supplementary tenders, business trips of the members of the team																1 000	Suggestions on plans realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved
Output 2.1 Inventory of planned heat and power supply and demand infrastructure																	
2.1.1 Preliminary GHG inventory for games-related power and heat generation																30 000	Express assessment report
2.1.2. Refinement of objectives after preliminary inventory																	Inventory report
Output 2.2. Compendium of EE solutions for heat and power supply and consumption																	
2.2.1. Compendium of EE solutions for heat and power supply and consumption																15 000	
Output 2.3. Interagency EE committee for preparation to and convening the Olympic Games - excluded																	
Output 2.4. Strategic approach and action program to reduce GHG emissions resulting from heat and power generation and distribution during preparation, games and post-game periods																	
2.4.1. Pre-feasibility study for Adler Landfill Gas recovery project*																	*Object and volume of work must be specified
2.4.2. Strategic approach and action program to reduce GHG emissions resulting from heat and power generation and distribution during preparation, games and post-game periods																8 000	Report in March-April, 2013
SUB-TOTAL:															69 000 (without. 2.4.1)		

Objective/Output 3 Outcome 3 "Renewable energy technologies": Reducing GHG emissions through increased application of renewable energy technologies at 2014 Olympics															
Arrangements	2012												Budget of GEF (Sum/ budgeting line)	Outputs/ Indicators	
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec			
Team day-to-day operations, preparation of Terms of Reference; supplementary tenders, business trips of the members of the team														1 000	Suggestions on plans realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved
Output 3.1. Compendium of renewable energy solutions															
3.1.1. Compendium of renewable energy solutions															Report in 2013
Output 3.2. Inventory of existing and planned power supply and construction infrastructure which accommodates renewable energy sources															
3.2.1. Inventory of existing and planned power supply and construction infrastructure which accommodates renewable energy sources														4 103	Report
3.2.2. Baseline calculation of RE sources in existing and planned game facilities														4 103	Baseline calculation of RE sources in existing and planned game facilities
Output 3.3. Feasibility study and financing plan with specific recommendations for renewable energy solutions (solar, wind, hydropower) for the Olympic investment projects															
3.3.1. Identification of the most effective RE solutions for the Games (on the example of model project – Ecological														6 000	Report

Education and Research Centre in Sochi)														
3.3.2. Financial assessment and practical recommendations for renewable energy solutions (solar, wind, hydropower) for the Olympic investment projects													7 500	Report in March-April, 2013
Output 3.4. Guidelines and methodologies for assessing regional potential, feasibility and investment planning and increasing the use of renewable energy sources for the Games														
3.4.1. Assessment of present and future regional projects on the use of renewable energy sources that can be considered as the sources to reduce carbon footprint and to offset GHG emissions during preparations and convening of the Sochi 2014 Olympic Games by the end of first year													12 000	Report in February, 2013
SUB-TOTAL													34 706	

Objective/Output 4 Outcome 4 "Low carbon transport": An integrated strategy and action plan for reducing GHG emissions from transport during preparations and convening of the Olympics														
Arrangements	2012												Budget of GEF (Sum/ budgeting line)	Outputs/ Indicators
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec		
Consultations with partners and potential contractors. Preparing Terms of Reference and tender documents. Conducting the tender. Forming a team of main experts													(qualifying date – 01.01.2011).Budget must be specified by UNDP	Terms of Reference have been prepared, a team of main experts has been formed, work plans have been discussed
Team day-to-day operations,														Suggestions on plans

supplementary tenders, business trips of the members of the team																			realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved
Output 4.1. Travel demand survey																			
4.1.1. Travel demand survey																			Report in March-April, 2013
4.1.2. Olympic Transport Plan traffic simulations. Analysis of modes of transport and size of infrastructure																			Report in March-April, 2013
4.1.3. GHG inventory of transport (express assessment). Transport GHG inventory projection for games period																			
Output 4.2. Compendium of alternative transport solutions and technologies including zero-emission transport for Olympics																			
4.2.1. Working paper of GHG reduction solutions for transport which are being applied in Sochi and best practice strategies which would further support GHG mitigation																			Working paper in March-April, 2013
Output 4.3. Integrated planning for reducing GHG emissions from transport with specific recommendations for low-carbon solutions for the Olympic investment projects																			
4.3.1. Action plan towards sustainable transport systems for Olympic Games operations																			Report in March-April, 2013
Output 4.4 Training for municipal authorities and state agencies on integrated transport planning																			
4.4.1. Training for municipal authorities and state agencies on																			May-June 2013

integrated transport planning. Workshop														
4.4.2. To create by the end of the project a framework for a sustainable legacy on low-carbon transport facilities and infrastructure in the Sochi region and mountain area														By the end of the project
SUB-TOTAL													109 200	

Objective/Output 5 Outcome 5 "Carbon offsets": Sochi Carbon Offsets Program														
Arrangements	2012												Budget of GEF (Sum/ budgeting line)	Outputs/ Indicators
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec		
Consultations with partners and potential contractors. Preparing Terms of Reference and tender documents. Conducting the tender. Forming a team of main experts														Terms of Reference have been prepared, a team of main experts has been formed, work plans have been discussed
Team day-to-day operations, supplementary tenders, business trips of the members of the team													3 000	Suggestions on plans realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved
Output 5.1 Establishing a GHG inventory and tracking system including a baseline (Sochi regional 2007 emissions and 2014 projections) and a tool to monitor the emissions caused by the event														
5.1.1. Express assessment of GHG emissions from games													12 120	Preliminary calculations

5.1.2. Detailed study on sectors and sources of GHG emissions. Recommendations on carbon reporting have been made applying to the examples of Imeretinsky cargo port and Glavstroy-Management passive residential building (the elements of infrastructure of the Sochi 2014 Olympic games)														12 000	Report
Output 5.2 Review of international best practice and feasibility study for Sochi Carbon Offset program															
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec			
5.2.1. Review of international best practice and feasibility study for Sochi Carbon Offset program														18 500	Review of international practice
5.2.1. Workshop on mechanisms for offsetting emissions and partnership with business structures														10 000	Workshop publications
5.2.3. Objectives will be specified after the workshop in March, 2012															
Output 5.3 Outreach program and leveraging partnerships for the implementation of the program															
													Budget of GEF (Sum/ budgeting line)	Outputs/ Indicators	
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec			
5.3.1. Program for a widespread awareness and leveraging															Report in the end of the project

partnerships for the implementation of the program															
														SUB-TOTAL (excl. 5.2.1): 56 620	
Objective/Output 6 Outcome 6 "Public awareness and advocacy strategy": A comprehensive public awareness, advocacy and outreach program															
Arrangements	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Budget of GEF (Sum/ budgeting line)		
Consultations with partners and potential contractors. Preparing Terms of Reference and tender documents. Conducting the tender. Forming a team of main experts													Budget allocation (179 000) will be done after the trip to London	Terms of Reference have been prepared, a team of main experts has been formed, work plans have been discussed	
Team day-to-day operations, supplementary tenders, business trips of the members of the team														Suggestions on plans realisation and revisions, members of the team are fully informed on project realisation, the business trip objectives have been achieved	
Output 6.1 Stock taking of awareness and outreach tools for large international events greening															
6.1.1. Stock taking of awareness and outreach tools for large international events greening. Working paper on public outreach potential and engagement targets for Sochi 2014.														Report	
Output 6.2 Building partnerships with key players, private sector, media															
6.2.1. Strategic program for														Report	

Annex 1. Programme of the Expert Workshop “Carbon Management and Offset Programme for Sochi-2014 (15-16 November 2011)”



**“Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”
“UK Knowledge Transfer for Greening 2014 Sochi Olympics”**

**Expert Workshop
Carbon Management and Offset Programme for Sochi-2014**

15-16 November 2011
UN Building, Moscow (Leontevsky lane, 9, 2d floor)

PROGRAMME

DAY 1. 15 November, Tuesday

Carbon footprint assessment and carbon management programmes for Sochi-2014

10:00-10:15	Introduction of the seminar agenda, its goals and participants	Alexander Averchenkov, UNDP
10:15-10:30	Presentation of the UNDP/GEF project “ <i>Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy</i> ” and the project “ <i>UK Knowledge Transfer for Greening 2014 Sochi Olympics</i> ”	Natalia Olofinskaya, UNDP
10:30-10:45	General overview of the carbon neutrality concept and its application to Olympics	Craig Simmons, Best Foot Forward, UK
10:45-11:15	Presentation of PAS 2060 standard for carbon neutrality and its possible adaptation for Russia. Q&A	Zaour Izrafilov, Best Foot Forward, UK
11:15-11:30	Coffee break	
11:30-12:15	Presentation of the London 2012 Olympics Carbon Management Strategy. Q&A	Craig Simmons
12:15-13:00	Presentation of the London 2012 Olympics Carbon Footprint Study, including its third party review and regular corrections, the Greenhouse	Craig Simmons

Gas Protocol and other tools developed by Best Foot Forward, Defra and the Carbon Trust.
Q&A

13:00-13:45 Lunch break

13:45-14:15 Presentation of the draft Environmental Program for Sochi 2014 Olympics, with focus on the Carbon neutrality component. Q&A
Dmitry Kolosov, Sochi-2014
Irina Komissarova, Sochi-2014

14:15-15:00 Approach to inventory of carbon emissions and carbon footprint calculation methodology for Sochi 2014 Olympics. Q&A
Alexander Nakhutin,
Mikhail Gitarsky,
Institute of Global Climate and Ecology

15:00-15:15 Coffee break

15:15-15:30 Comments of international consultants on presentations of the Russian representatives.
Craig Simmons
Zaour Izrafilov

15:30-17:30 Brainstorming discussion of all participants of the seminar.

DAY 2. 16 November, Wednesday

Carbon offsetting for large international events.

10:00-10:30 General overview of carbon offsetting approaches and experience of their use in major sport events
Eric Matalon, Vecteur Carbone, France

10:30-11:30 Presentation of different carbon offset programme options with recommendations on the most appropriate strategy for offsetting GHG emissions from the Sochi Olympics. Experience of VanOC's Official Carbon Offset Supplier and on preparation and implementation of the Vancouver 2010 Legacy Portfolio. Q&A
Eric Matalon

11:30-11:45 Coffee break

11:45-12:15 Possible actions and steps on engaging sponsors, partners and spectators in carbon
Eric Matalon

offset programme 2014 Sochi Olympics.Q&A

- | | | |
|-------------------------|--|---|
| 12:15-
12:45 | Presentation of the carbon offsetting options under consideration for Sochi 2014 Olympics.Q&A | Dmitry Kolosov,

Irina Komissarova |
| 12:45-
13:15 | Presentation of the current status and prospects of the carbon market in Russia. | Oleg Pluzhnikov, MED

Vsevolod Gavrilov, Sberbank |
| 13:15-
13:30 | Coffee break | |
| 13:30-
14:00 | Presentation of possible legacy options for carbon offsetting program for Sochi 2014 OlympicsQ&A | Alexander Averchenkov |
| 14:00-
14:30 | Comments of international consultants on presentations of the Russian representatives | Eric Matalon

Craig Simmons |
| 14:30-
16:00 | Brainstorming discussion of all participants of the seminar | |
| 16:00 | Reception | |

Annex 2. Inception Workshop Program



Inception Workshop on the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”

(November 18, 2011, city of Sochi)

Workshop objectives:

To present the Project in the region: to familiarize the stakeholders with the Project structure and scope, and the GEF expectations and requirements for the Project results. To present the main Project outcomes and work schedule for the upcoming six months.

Workshop Program

10.00 – 10.15	Opening speech. On the Project coordination by the RF Ministry of Natural Resources and Environment in the area of inventory of GHG emissions, and developing a concept and program to mitigate emissions for ensuring the 2014 Sochi Olympics games will a “carbon neutral” event.	V.R. Venchikova , Deputy Director of the Department of State Policy and Regulation in the Area of Environmental Protection and Ecological Safety of the RF Ministry of Natural Resources and Environment, National Project Director
10.15 – 10.30	Main Project outcomes. Mechanisms of Project implementation, management, and coordination	N.E. Olofinskaya , Head of the UNDP Department of Environmental Protection in Russia
10.30 - 10.50	Carbon footprint calculations, carbon offsets and compensation measures – key Project	A.A. Averchenkov , UNDP Senior Climate Changes Advisor
10.50 – 11.15	UK experience in carbon footprint estimates for London 2012 Olympics	Craig Simmons (UK) , Project expert

11.15 – 11.35	Inventory of carbon emissions and methodology for carbon footprint estimates for Sochi 2014 Olympics	<i>A.I. Nakhutin and M.L. Gitarsky</i> , Institute of Global Climate and Ecology)
11.35 – 12.00	Coffee Break	
12.00 – 12.30	Project objectives and activities. Draft Work plan for the period to the end of 2012	<i>S.G. Golubeva</i> , <i>Project Manager, JSC “SDA”</i>
12.30 – 13.30	Launch	
13.30 – 13.50	Reducing GHG emissions through optimization of public transport including use of up-to-date transport	<i>E.A.Moshnov</i> , <i>company “Master-Concept”</i>
13.50 – 14.10	Energy efficient solutions applied for Olympic venues construction	<i>E.I.Nosacheva, SC “Olympstroy”</i>
14.10 – 14.25	RE technologies use in the Krasnodar krai: potential and practice..	<i>V.A.Butuzov</i> , <i>JSC “Yuzhgeoteplo”</i>
14.25 – 14.40	Environmental educational programs and activities in the Sochi region	<i>I.A.Kommercheskaya</i> , <i>Sochi National Park</i>
14.40 – 15.10	Coffee Break	
15.10 – 17.30	Discussion. Recommendations and proposals on work plan and organization.	

Annex 3. List of Participants of the Inception Workshop

List of invitees to Inception Workshop on the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”

(November 18, 2011, city of Sochi)

<i>№</i>	<i>Name</i>	<i>Organization</i>
1.	Venchikova V.R.	RF Ministry of Natural Resources and Environment, National Project Director
2.	Korol' E.V.	RF Ministry of Regional Development
3.	Olofinskaya N.E.	UNDP
4.	Komissarova I.	SOOC
5.	Kolosov D.	SOOC
6.	Andeya M.	SOOC
7.	Nosacheva E.I.	SC “Olympstroy”
8.	Chesnokov M.Yu.	Government of the Sochi city
9.	Nakhutin A.I.	Institute of Global Climate and Ecology, Russian Academy of Sciences
10.	Gitarsky M.L.	Institute of Global Climate and Ecology, Russian Academy of Sciences
11.	Korobova N.L.	Non-commercial partnership “Green Standards”
12.	Matsekanov R.A.	WWF-Russia
13.	Lysak O.B.	Regional Department of Roshydromet (Federal Service for Hydrometeorology and Environmental Monitoring)
14.	Averchenkov A.A.	UNDP
15.	Golubeva S.G.	JSC “System Development Agency”
16.	Lobanova E.A.	JSC “System Development Agency”
17.	Craig Simmons	UK
18.	Butuzov V.A.	JSC “Yuzhgeoteplo”
19.	Grishina L.B.	Centre of Energy Saving and New Technologies of the Krasnodar krai.
20.	Kommercheskaya I.A.	Sochi National Park
21.	Kurlenko O.I.	Company “Maksi Stroy”
22.	Ovchinnikova Ye.Yu.	Newspaper “Maximum dlya Obyvatelya”
23.	Moshnov E.A.	Company “Master-Concept”
24.	Konograi K.A.	All-Russian State Television and Radio Broadcasting Company “Vesti Sochi”
25.	Mirzoyan T.E.	All-Russian State Television and Radio Broadcasting Company “Vesti Sochi”
26.	Pesterova N.M.	Sochi State University
27.	Volkov A.N.	Sochi State University
28.	Lyubimtsev A.L.	Complex Laboratory of Environmental Monitoring, Director
29.	Khimulya N.M.	Company “Orgservis”
30.	Yurchenko Yu.B.	Sochi League of Translators
31.	Trotsenko A.B.	Sochi League of Translators
32.	Martynova A.A.	Newspaper “Sochi News”
33-34	Representatives of different departments	The Sochi city Administration

Annex 4. First Meeting of the Steering Committee Agenda



UNDP/GEF Project

“Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”

First Meeting of the Steering Committee of the Project

November 17, 2011, Sochi

Meeting objectives:

To familiarize members and observers of the Project Steering Committee (PSC) with the Project structure and scope; and GEF expectations and requirements for the Project outcomes. Discussion. To develop a strategy and tactics of the Project management and implementation, and to identify the Project priorities.

Agenda

- 15.00 -15.10 Opening. Presenting the PSC members. Coordination of the Project with activities of the RF Ministry of Natural Resources and Environment in the area of inventory of GHG emissions, concept and program on emission reduction to ensure the 2014 Sochi Olympics are a “carbon neutral” event”.
- V.R. Venchikova, Deputy Director of the Department of State Policy and Regulation in the Area of Environmental Protection and Ecological Safety of the RF Ministry of Natural Resources and Environment*
- 15.10 - 15.25 UNDP’s greeting. Mechanisms of the Project implementation, management and coordination. Draft Regulation on the Project Steering Committee.
- N.E. Olofinskaya, Head of the UNDP Department of Environmental Protection in Russia*
- 15.25 – 15.35 Greeting of the Sochi city
- 15.35 – 15.45 Greeting of the Sochi 2014 Organizing Committee for the Olympic Games
- 15.45 – 16.05 Project outcomes and activities. Draft Work plan for the period to the end of 2012. Project budget. *S.G. Golubeva , Project Manager, JSC “SDA”*
- 16.05 – 16.25 **Coffee Break**
- 16.25 – 18.00 Questions, discussion. Making decisions.
- 18.00 **Dinner**

Annex 5. Minutes of the Meeting of the Steering Committee

MINUTES

**First Meeting of the Steering Committee of the UNDP/GEF Project
“Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”**

Sochi

November 17, 2011

Present: Members and observers of the Project Steering Committee (Annex 8).

Information on the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy” in accordance with the meeting agenda (Annex 4) was reported to the meeting.

Speakers:

Ms. V.R. Venchikova, National Project Director, greeted the Meeting on behalf of the RF Ministry of Natural Resources and Environment. The speaker noted that the project implementation would help to fulfill the RF Ministry’s obligations aroused from the RF Government Decree N 991 of December 29, 2007 “ On Program for Olympic Construction and the Sochi City Development as a Mountain Resort”, including, particularly, clause 226.4 “ Inventory of GHG emissions, concept and program on emission reduction and GHG absorption growth to ensure the games would a “carbon neutral” event”.

Ms. N.E. Olofinskaya, Head of the UNDP Department of Environmental Protection in Russia, greeted the meeting on behalf of UNDP. Ms. N.E. Olofinskaya told about the implementation, management and coordination project mechanisms, and presented draft Regulation on the Project Coordination Committee (hereinafter PCC). It was noted that the Project started behind schedule, and that is why some project tasks needed updating. Therefore, the PCC members and observers may submit their proposals to modify and/or make additions to the project document. Meanwhile, 6 project components remains unchanged:

- Green building standards
- Energy efficiency and power planning
- Renewable energy technologies (hereafter RE technologies)
- Low carbon transport
- Carbon offsets
- Public awareness and advocacy strategy.

Mr. D.O.Kolosov, Advisor of President of Sochi 2014 Organizing Committee for the Olympic Games (SOOC), expressed great interest in the project results, emphasized need to coordinate activities of the SOOS and the project implementation team in order to ensure the goals and objectives of the Sochi 2014 Ecological Strategy would be achieved, including the strategic goal “games are carbon neutral”.

Project Manager, **S.G.Golubeva** devoted her presentation to the project outputs, activities and budget. She spoke in details about the outputs “Green building standards”, first of all, energy efficiency of buildings (residential, sport, etc.), and “Energy efficiency and power planning”. S.G.Golubeva emphasized that the main outputs and flagship green building projects in frame of the above components should be updated.

Mr. I.V. Lifshits (Non-profit partnership “Green Standards”) and **Mr. S.V. Tsymbalov** (JSC “Glavstroymentedgement”) took part in discussion. Mr. I.V. Lifshits told about training workshops for the SC Olympstroy contractors on the certification system “Green Standards” developed on request of the RF Ministry of Natural Resources and Environment. He proposed to proceed with the training workshops and to complete the GOST (State standard) for that certification system in frame of the Project.

Mr. S.V. Tsymbalov expressed an interest in introducing the system of carbon reporting and GHG emissions management at Olympic venues constructed by the SC Olympstroy.

Resolution:

- 1) To confirm credentials and candidacies of the PSC members and observers representing a number of organizations, including government of the Sochi city, Regional government of the Krasnodar krai, autonomous non-commercial organization “Olympic Games Transport Directorate”.
- 2) The PSC members and observers shall develop proposals to update the Project subtasks and activities by November 30, 2011; the proposed updates shall be incorporated into the Project report for 2011, work plan and budget.
- 3) To continue to discuss the Project outcomes in frame of the Project Introduction Workshop (November 18, 2011).
- 4) The Project Management Group shall develop the Project Work Plan by February 1, 2012.

Annex 6. Participants of the first Meeting of the Steering Committee

**List of invitees to the first Meeting of the Steering Committee on the UNDP/GEF Project
“Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”**

(November 18, 2011, city of Sochi)

<i>№</i>	<i>Name</i>	<i>Organization</i>
1.	Venchikova V.R.	RF Ministry of Natural Resources and Environment, National Project Director
2.	Korol' E.V.	RF Ministry of Regional Development
3.	Olofinskaya N.E.	UNDP
4.	Komissarova I.	SOOC
5.	Kolosov D.	SOOC
6.	Nosacheva E.I.	SC “Olympstroy”
7.	Chesnokov M.Yu.	Government of the Sochi city
8.	Nakhutin A.I.	Institute of Global Climate and Ecology, Russian Academy of Sciences
9.	Gitarsky M.L.	Institute of Global Climate and Ecology, Russian Academy of Sciences
10.	Korobova N.L.	Non-commercial partnership “Green Standards”
11.	Lifshits I.V.	Central Information Buro of MNR RF
12.	Tsimbalov S.V.	JSC "Glavstroymentedzhment"
13.	SHishmanidy K.A.	ANO "Transport Directorate Olympic Games"
14.	Matsekanov R.A.	WWF-Russia
15.	Lysak O.B.	Regional Department of Roshydromet (Federal Service for Hydrometeorology and Environmental Monitoring)
16.	Averchenkov A.A.	UNDP
17.	Golubeva S.G.	“System Development Agency” Ltd
18.	Lobanova E.A.	“System Development Agency” Ltd
19.	Craig Simmons	UK

Annex 7. Project Steering Committee Regulation (draft)



Global Environmental Fund

**Ministry of Natural Resources
& Environment of Russia**

UNDP Programme

UNDP PROJECT/GEF 00074313

**"GREENING 2014 SOCHI OLYMPICS: A STRATEGY AND ACTION PLAN FOR THE
GREENING LEGACY"**

Agreed by:

Ist Meeting of the Project
Steering Committee

National Project Director, Chair of
the Steering Committee

«17 » November 2011

" ____ " _____ 2011

Regulation

UNDP/GEF Project Steering Committee

**"GREENING 2014 SOCHI OLYMPICS: A STRATEGY AND ACTION PLAN FOR THE
GREENING LEGACY"**

Goal of the project is to develop Environmental Strategy and Action Plan for Sochi 2014 Winter Olympics. Under the project, environmental recommendations and plan of actions for six individual components will be developed: 1) Green construction standards: Action Agenda for "Green Standards" for Construction of Facilities for Sochi Olympics and their subsequent reproduction; 2) Energy Efficiency and Energy Supply Planning: Comprehensive Energy Efficiency Support Strategy and Action Plan; 3) Renewable Energy Sources Technologies: reduction of greenhouse gas emissions through extended use of renewable sources of energy during Sochi 2014 Olympics; 4) Use of low carbon emission transport: Comprehensive Strategy and Action Plan for reduction of motor vehicle carbon emissions at the preparation stage and during the Olympics; 5) Carbon Emission Compensation: Sochi Carbon Emission Compensation Program; 6) Public awareness strategy: comprehensive public awareness and outreach program. The project will help to facilitate preparation of the carbon emission "neutralization" measures and capacity release of the greenhouse gas emission reduction at the preparation stage and during the

Sochi Olympics, through early planning in the area of reducing the impact on climate change. Therefore, the medium-term project will provide for the comprehensive program approach (a set of project proposals) to take into account the environmental factors at the preparation stage and during Sochi 2014 Olympics.

In accordance with the Project Document, and in support of the coordination and assistance efforts, Project Steering Committee is established.

1. General provisions

- 1.1. Project Steering Committee (hereinafter – PSC) is the supreme consultative and advisory body of the project UNDP/GEF **00074313 "GREENING 2014 SOCHI OLYMPICS: A STRATEGY AND ACTION PLAN FOR THE GREENING LEGACY** created for the purpose of having collective and competent discussions of the project's progress, and also to develop recommendations on the project's implementation.
- 1.2. In the course of its activities, PSC is guided by this Provision, the laws of the Russian Federation, the international law, regulatory documents of the Ministry of Natural Resources and Environment of the Russian Federation, and also the design document of the Project UNDP/GEF **"GREENING 2014 SOCHI OLYMPICS: A STRATEGY AND ACTION PLAN FOR THE GREENING LEGACY"**.
- 1.3. PSC conducts its activities on a free of charge basis.

2. Goals of the Steering Committee :

- 2.1. Review of the annual project status reports to make project adjustments;
- 2.2. Review and approval of annual work plans and budgets;
- 2.3. Drafting recommendations regarding effective project implementation and its interaction with other projects and programs;
- 2.4. Monitoring and evaluation of the project and its accomplished targets, two years after the project implementation;
- 2.5. Coordination and information exchange between the project partners and interested parties;
- 2.6. Assistance in resource mobilization and building partnerships to implement GEF project.

3. PSC membership structure, composition, and authorities

- 3.1. Project Steering Committee list is put together by the Project National Director based on the project document and proposals made by UNDP and the Ministry of Natural Resources and Environment of the RF.
- 3.2. PSC members are discussed and approved at its first meeting, followed by PCC Chairman's approval. The composition may change in accordance with the described procedure at the PSC subsequent meetings.
- 3.3. Steering Committee consists of the voting members and observers with a consultative vote. Observers as other PSC members have right to receive full information on project implementation , take part in the discussions and talks on project progress and take floor at PSC meetings.
- 3.4. PSC Chairman – is the National Project Director. Chairman has a right for double voting in case of equality of votes in the process of voting.
- 3.5. Project Manager is the Executive Secretary of PSC.
- 3.6. PSC members have a right to delegate their powers to other persons by certain written notification not less than a week before holding a Meeting.
- 3.7. PSC members have a right to apply to the experts for receiving relevant recommendations, information & reference on project activities.

4. PSC Operations

- 4.1. PSC Work Management is conducted by Chairman or PSC member nominated by Chairman for appointment ad interim in the process of PSC Management.
- 4.2. PSC meetings are held twice during the 1st and 2^d (last) year of Project implementation.
- 4.3. Decisions on terms of holding PSC regular meetings and ad – hoc meetings are taken by the PSC Chairman.
- 4.4. PSC solutions are taken after open voting by obtaining absolute majority of votes. In case of equality of votes the National Director (or authorized person) represent his right for double vote. In case of PSC meeting by correspondence decisions are approved by a majority of vote.
- 4.5. PSC operating (preparation of Agenda, holding meetings, informing PSC members and observers, preparation and dissemination of relevant documents for consideration at PCC meetings, writing Minutes, informing PSC Committee on project progress) is provided by a Project implementation group .
- 4.6. PCC conclusions and results are included into the PCC Minutes signed by the PSC Secretary and approved by the National Project Director. Copy of the approved Minutes is sent to PSC members in 2 week time after holding regular or ad- hoc meeting by mail or by e- mail.
- 4.7. In urgent cases the National Project Director is entitled to give a task for Project implementation group to organize a PSC meeting by correspondence by dissemination of materials to PSC members with proposals for consideration and discussion. In this case PSC members are obliged (observers have a right) to send a letter (by fax or e-mail) to Project Manager in 3 days with a reasonable & valid statement of their understanding and position on any issues , and relevant decisions proposed by the Project. Lack of such respond is considered as agreement with proposals (decisions) submitted for PSC consideration. Project manager makes «wrap-up» from all received «feed back» information and submits relevant PSC decision (resolution) to the National Project Director for approval
- 4.8. PSC members conduct their activities in PCC framework on a voluntary & free of charge basis.
- 4.9. PSC members can't receive extra allowance or material benefits from activities financed in the project framework.
- 4.10. For implementation of objectives PSC creates a documental pool.

5. Termination of authorities

Issue on termination of PSC member authorities is put in the following cases:

- 5.1. if he/she is not able to fulfill duties of PSC member; established in the current Regulation
- 5.2. if he/she are absent at two PSC meetings straight;
- 5.3. if his/her relations (that he/she represents in PSC). with organization/company are terminated

Annex 8 Members of Steering Committee

Steering Committee of the UNDP/GEF Project “Greening 2014 Sochi Olympics: A Strategy and Action Plan for the Greening Legacy”

List of Members:

Organization	Representative
RF Ministry of Natural Resources and Environment –	Venchikova V.R. , National Project Director Director of the Department of State Policy Regulation in the Area of Environmental and Ecological Safety
RF Ministry of Regional Development –	Korol’ E.V.
UNDP –	Olofinskaya N.E.
UNEP –	Moshkalo V.V.
Sochi 2014 Organizing Committee for the Olympic Games (SOOC) -	Komissarova I.
SC “Olympstroy” -	Nosacheva E.I.
Government of the Krasnodar krai -	Sanin S.M.

Observers:

Non-commercial partnership “Green Standards”	Korobova N.L.
Institute of Global Climate and Ecology, Russian Academy of Sciences	Nakhutin A.I.
JSC “Glavstroymentedgement”	Gitarsky M.L.
Non-commercial organization “Olympic Games Transport Directorate”	Tsymbalov S.V.
WWF	Shishmanidi K.A.
Centre of Energy Saving and New Technologies of the Krasnodar krai.	Matsekanov R.A.
	Grishina L.B.