

## PROJECTS REPORTING TEMPLATE FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Altyn Dala Conservation Initiative (ADCI) (an initiative of the Frankfurt Zoological Society, the Royal Society for the Protection of Birds, Association for the Conservation of Biodiversity of Kazakhstan, the Committee of Forestry and Hunting – Ministry of Agriculture RK and the Ministry of Environmental Protection)				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	X	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> Association for the Conservation of Biodiversity of Kazakhstan (ACBK), Olga Klimanova: <a href="mailto:olga2030@bk.ru">olga2030@bk.ru</a> ; Frankfurt Zoological Society (FZS), Wolfgang Fremuth: <a href="mailto:fremuth@zgf.de">fremuth@zgf.de</a> ; The Royal Society for the Protection of Birds (RSPB), Norbert Schäffer: <a href="mailto:norbert.schaffer@rspb.org.uk">norbert.schaffer@rspb.org.uk</a> in cooperation with Deutsche Gesellschaft für Technische Zusammenarbeit GTZ (German Technical Cooperation)				
<b>Duration of project:</b> from October 2005 to min. December 2016				
<b>Location(s) of main activity:</b> range of the Betpak-Dala saiga population in Kazakhstan				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	X		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	X	Habitat restoration		
Population monitoring	X	Protected area management		X
Ecological research	X	Training & capacity-building		X
Education and awareness	X	Law enforcement		<input type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>	Trade issues		<input type="checkbox"/>

Socio-economic research	X	Captive breeding	<input type="checkbox"/>
Range mapping	X	Reintroduction/release	X (not of
Habitat research	X	Saiga, but reintroduction of Kulan and Przewalski horse planned)	

For each box ticked, please provide brief details in the project summary box below

**Project Summary:**

The Altyn Dala Conservation Initiative (ADCI) (“altyn dala” means “golden steppe” in Kazakh) is a large-scale project to conserve the northern steppe, semi desert and desert ecosystems and their critically endangered flagship species like for example the Saiga Antelope, the Kulan and the Sociable Lapwing.

The ADCI is an initiative of the Kazakh Committee of Forestry and Hunting of the Ministry of Agriculture and the Ministry of Environment Protection, implemented by the Association for Conservation of Biodiversity of Kazakhstan (ACBK) in partnership with the Frankfurt Zoological Society (FZS), The Royal Society for the Protection of Birds (RSPB) – BirdLife in the UK and the World Wide Fund for Nature (WWF) International (until February 2009). The ADCI has been initiated in 2005.

ADCI’s conservation objectives and activities focus on the range of the distribution and migration routes of the Betpak Dala population of Saiga, an area of about 56 million hectares (the size of France).

Since October 2009 Frankfurt Zoological Society together with ACBK implements the GTZ project “Wildlife Management in Kazakhstan” in the framework of the ADCI.

The main objectives of ADCI are:

- To establish a network of protected areas of various categories and corridors to conserve the migration routes and habitats of Saiga and other target species like for example the Asian Wild Ass, Goitered Gazelle, Great Bustard and Sociable Lapwing.
- To address the main threats to the future viability of the Betpak Dala population of saiga as well as other target species and their habitats; such as poaching as well as habitat conversion and fragmentation.
- To identify and put in place key enabling conditions such as the genuine involvement of local communities and other relevant stakeholders as well as ensuring tangible contributions to peoples livelihoods and rural development.
- To raise awareness and understanding for steppe and Saiga conservation nationally and internationally.
- To gather baseline understanding of the Kazakh steppe and semi-desert ecosystems and their species in order to inform the planning and implementation of this conservation measures.

**Areas of work related to Saiga conservation (as ticked above):**

1. Antipoaching:

a) In 2002 already Antipoaching activities have been started and carried out in the Betpak Dala region by joint interventions of WWF-Russia and Frankfurt Zoological Society. A wider collaboration with RSPB and the Committee of Forestry and Hunting of Kazakhstan has led to the Altyn Dala Conservation Initiative (ADCI) and entrusted the implementation of actions to the Kazakh partner Association for Conservation of Biodiversity of Kazakhstan (ACBK). Since 2008 the ADCI has a team of highly mobile range, supporting the state ranger brigades and the nature protection police.

b) Since August 2009 the ADCI manages a wildlife management area (legally a hunting area) of 1,3 million hectares for protection of saiga and other species.

c) In the framework of the GTZ consulting project “Wildlife Management in Kazakhstan” the Committee of Forestry and Hunting is supported to adapt the national antipoaching system and enforce

the protection system through hunting areas.

2. Population monitoring:

- a) Rangers and a monitoring team conduct ground surveys and continuous data collection on saiga sightings, sex age ratio, herd structure and distribution in the field.
- b) Surveys of mortality, birth success, sex structure are conducted during calving together with the Institute of Zoology (GTZ project “Wildlife Management in Kazakhstan”).
- c) The aerial census of saiga of CFH, Okhotzooptom and the Institute of Zoology is jointly conducted with ACBK. The ADCI supports these institutions to improve the saiga aerial census steppe-wise based on an evaluation conducted and financed by FZS 2007.
- d) A new steppe monitoring system is being developed in the framework of the GEF/UNDP project on steppe conservation and management.

3. Ecological research:

- a) Saiga telemetry: ADCI together with Okhotzooptom has fitted satellite/GPS collars to 20 saigas of the Betpak-Dala population in autumn 2009, financially supported by Gregor Louisoder Environment Foundation. In 2010, 20 more collars will be installed.
- b) A field monitoring team collects data on saiga ecology, habitat changes and other key species since 2008.
- c) In April 2010, a research project on the relationship between communities of steppe fauna and flora related to land use and saiga grazing has started (UK Darwin Initiative).

4. Education and awareness: To raise the awareness for the importance of steppe and its species on local level, ADCI rangers work through existing community structures and authorities. They work in schools, conducting school classes on environmental education, train school teachers, organize information events and hold meetings with village Akims and boards of elders (Sovjet Starejshin). “Voluntary Rangers”, interested and motivated young men (14-18) can join the AD brigades during the school holidays. School directors and teachers are provided with education and information material. The project is funded by the German Federal Ministry of Environment and Nuclear Safety (BMU) via the German Federal Agency for Nature Conservation (BfN).

5. Socio-economic research:

- a) In 2008, a socio-economic study covering the Betpak-Dala saiga range was conducted financed by the German Ministry for Economic Cooperation and Development (BMZ) via the German Agency for Technical Cooperation (GTZ).
- b) The ADCI monitoring team collects socio-economic data in the field. Okhotzooptom rangers were provided with the same data forms.

6. Protected Area management:

- a) ADCI is supporting the establishment of the planned Altyn Dala Nature Reservat in the Turgay Steppe developing the required feasibility studies.
- b) ADCI has co-developed the GEF/UNDP Project “Steppe management and conservation” which focuses on PA establishment. ACBK implements Outcome 2.
- c) Two research expeditions and rapid biological inventories were conducted to identify priority areas for PA establishment. The recommendations were used by the CFH to decide on the enlargement of the Irgyz-Turgay State Nature Reservat and the Ulytau Zakaznik). Both have been included in the Governmental Plan for the development of Protected Areas.
- d) ADCI conducts a project on landscape planning in the surrounding of the planned Altyn Dala Nature Reservat, funded by the German Federal Ministry of Environment and Nuclear Safety (BMU) via the German Federal Agency for Environment (UBA).
- e) ADCI conducts capacity building workshops for PA staff in the framework of the GEF/UNDP steppe project.

7. Training and capacity building:

- a) In the framework of the GEF/UNDP Steppe project capacity building workshops for PA rangers and managers and hunting area managers and rangers are conducted.  
 b) ACBK supports the CFH to improve the aerial census of saiga, trains observers and census experts.

8. Range mapping: Range maps are developed and permanently updated by data collected by the rangers in the field and transmitted by collared saiga.

9. Habitat research: Data on habitat condition are collected in the field and maps developed. Remote sampling analysis of the area is conducted. The telemetry data allow new conclusions about the saiga habitat.

10. Reintroduction: the feasibility of reintroduction of Kulan and Przewalski horses will be studied to accomplish missing fauna elements in the ecosystem. A workshop will be conducted in October 2010.

**Planned Activities:**

1. Saiga telemetry: A minimum of 20 more saigas will be collared in 2010. More collars are planned.
2. The management and protection of the wildlife management area (legally a hunting area) of 1,3 Million hectares shall be improved and intensified.
3. Improvement of the management of ecological corridors between protected areas.
4. Conduction of saiga and wildlife tourism in the Betpak-Dala range
5. Reintroduction of Kulan and maybe Przewalski horse is planned to restore the steppe ecosystem with its key species. A workshop will be conducted in October 2010.
6. A habitat model for the Betpak-Dala population of Saiga shall be developed.

**Achievements to date:**

2.791.500 additional hectares of Protected Areas planned by the Government: ADCI developed the required background documents and studies for the establishment of the planned Altyn Dala State Reservat (489 774 hectares). Based on recommendation and support of ADCI, the extension of three more Protected Areas was agreed by the CFH and included in the governmental programme (Ulytauskiy Zakaznik – extension of approx. 50.000 hectares, Irgiz-Torgayskiy Reservat extension of 241.500 hectares and Andassayskiy Zakaznik - extension of 2.000.000 ha).

Additional staff persons with additional equipment working in time shifts for permanent control and monitoring in the field: Since beginning of 2008, 6 ADCI rangers (Sluzhba Okhrany Zhivotnogo Mira) support the state law enforcement brigade conducting joint antipoaching patrols and raising awareness on local level. Cooperation between the state ranger brigades, rangers of hunting and fishing companies or associations and local police structures was improved. The rangers conduct monitoring on migration and population status of Saiga and other steppe species in the field. This provides important data for the planning of protected areas and the strategic planning and realization of species protection measures. Results:

- several poaching cases discovered
- network of informers established
- Permanent updating of data base with monitoring data helps to earn knowledge on saiga ecology and distribution

Majority of the local population in the Betpak-Dala range informed: Since June 2009 the ranger team has conducted 27 information events with 836 local residents in 25 villages and worked in about 40 schools with 2920 pupils. Since the beginning of the project 8 teenagers joined the rangers during their field work.

ACBK leases and runs three hunting plots with a total size of 1,3 Million hectares. These areas currently patrolled by 8 rangers cover the most important part of the summer pastures and at least two calving areas of Saiga (calving 2008 and 2009). The aim is to protect saiga and conduct wildlife tourism there.

Agreements have been made with three hunting organizations to improve the management and protection of a total area of 8 Million hectares of hunting areas.

In autumn 2009, 20 Saigas were collared with GPS-Satellite transmitters in cooperation with Okhotzooptom and the Frankfurt Zoo. The CFH uses the maps weekly provided by ADCI to coordinate patrolling by the state ranger brigades. Saiga distribution maps are developed and updated permanently.

The CFH could improve the saiga aerial census significantly especially on the technical side: The sightings and transects area being mapped, observers and pilots trained each time, additional species as wild boar and wolf were added to the census. GPS and Radar altimeters area used to monitor the speed and flight heights. Okhotzooptom, the Institute of Zoology and ACBK cooperate in the conduction and analysis of the annual aerial census.

Improvements so far:

- Usage of standard data forms to write down observations
- Marking points in the GPS for every observation of saiga
- Using markers on the plane to estimate the distance of saigas form the plane
- Common evaluation of everyday's results every evening
- Using a UTM-grid to develop standard flightlines
- Using an aircraft GPS for navigation
- Using GIS for avia census
- Reconnaissance flights in order to determine the distribution of saiga
- Modification of strip width and flight height planned

ACBK in the framework of the GTZ project "Wildlife management in Kazakhstan" will support the official adaption of the methodology.

Saiga poaching could first be significantly reduced until 2009 in the Betpak-Dala range over the last years through the joint efforts of the CFH and ADCI. The population increased almost 3-times from estimated 18600 individuals in 2006 to estimated 53441 individuals in 2010. Although there seems to be an increasing of commercial poaching for horns since 2010 in the Betpak-Dala range.

Saiga distribution maps are developed and updated permanently. ACBK and Okhotzooptom rangers use the same data collection procedures.

**Reports / Publications / Information material:**

- Four articles were published in Saiga News.
- Two educational posters produced on saiga and steppe ecosystem and disseminated throughout the Betpakdala region
- Two awareness raising leaflets on steppe ecosystem and anti-poaching and disseminated throughout the Betpakdala region
- An exhibition about ADCI is being shown in cities of Central and Northern Kazakhstan
- ADCI booklet produced in Russian and Kazakh language
- Altyn Dala Conservation Initiative in Kasachstan. Stepnoi buletin, 27, 2009, S. 18-20
- Two articles in „Birds“ (RSPB membership magazine)
- Three articles in „Gorilla“ (FZS membership magazine)
- Evaluation of the aerial surveys for census of Saiga tatarica in the framework of the Project "Saiga Conservation in Betpak-Dala" Michael Norton-Griffith 2007

<ul style="list-style-type: none"> <li>- Review of Saiga Census Methods, Howard Frederick and Grant Hopcraft 2010</li> <li>- Aerial census of the Betpak-Dala population of saiga antelope 2009. Technical report. Steffen Zuther 2010</li> <li>- Several newspaper articles in Kazakhstan</li> </ul>	
<b>Collaborators:</b> Committee of Forestry and Hunting, Institute of Zoology, Okhotzooprom	
<b>Budget available:</b> currently approx. 200.000 annually	
<b>Current sponsors:</b> Frankfurt Zoological Society (FZS), Royal Society for Protection of Birds RSPB, Gregor Louisoder Foundation, German Ministry for Economic Cooperation and Development (BMZ), German Federal Ministry of Environment and Nuclear Safety, German Agency for Nature Conservation (BfN), German Agency for Environment (UBA), UK Darwin Initiative, Centre for International Migration and Development (CIM), GEF/UNDP	
<b>Past sponsors:</b> Frankfurt Zoological Society (FZS), Royal Society for Protection of Birds (RSPB) WWF-Russia, WWF-Netherlands	
<b>Information contributed by:</b> Eva Klebelsberg (Altyn Dala Conservation Initiative), <a href="mailto:eva.klebelsberg@acbk.kz">eva.klebelsberg@acbk.kz</a>	
<b>Date report submitted:</b>	<b>09.08.2010</b> dd/mm/yyyy
<b>Other:</b>	

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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<b>Project:</b> Capacity Building for the Center for Wild Animals of the Republic of Kalmykia				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> Center for Wild Animals of the Republic of Kalmykia, Yuriy Arylov, Director ( <a href="mailto:kalmsaigak@elista.ru">kalmsaigak@elista.ru</a> ), Conservation Centers for Species Survival, Dan Beetem ( <a href="mailto:dbeetem@thewilds.org">dbeetem@thewilds.org</a> )				
<b>Duration of project:</b> from <u>February 2007</u> to <u>ongoing</u>				
<b>Location(s) of main activity:</b> Kalmykia, Russia				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input checked="" type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

**Project Summary:** The Center for Wild Animals of the Republic of Kalmykia (CWA) operates a successful breeding center for an ex situ population of European saiga. The Conservation Centers for Species Survival (C2S2) is a consortium of large-sized zoological institutions in the United State that includes the Wilds (Cumberland, Ohio), the Smithsonian Conservation Biology Institute (Front Royal, Virginia), Fossil Rim Wildlife Center (Glen Rose, Texas), White Oak Conservation Center (Yulee, Florida) and San Diego Zoo's Wild Animal Park (Escondido, California). C2S2 has been working with the CWA to provide training and support for the captive breeding programs at the CWA.

**Planned Activities:** C2S2 capacity building efforts have been focused on two priority areas. The first is to conduct biomedical and disease risk assessments of both saiga (maintained at CWA) and local domestic livestock. Such training and resulting critical information are missing for both wild and captive saiga and are needed to improve biosecurity and help address acute and devastating mortality events. The second priority is a critical evaluation and improvement of the CWA's saiga facilities to allow safer animal handling, improved husbandry/production and advanced research. Findings from the work described in this proposal will have an immediate impact on the ability to preserve this critically endangered species by: 1) improving the ability of CWA to create a viable, self-sustaining security population; 2) generating new information on species biology (especially health norms); and 3) enhancing facility infrastructure and disease diagnostic capacity.

**Achievements to date:** CWA and C2S2's formal relationship began in early 2007 with a visit to the USA by Professor Anna Lushechina of the Russian Man and Biosphere Committee (UNESCO) and Professor Yuriy Arylov, Director of CWA. The purpose was to tour C2S2's modern animal holding and handling facilities and to have formal discussions on ways to work together to enhance saiga conservation. It was clear from these meetings that CWA's highest priority to save the saiga from extinction could be greatly facilitated by a formal relationship with C2S2. Both parties agreed that such an association could help (1) secure external expertise to improve husbandry and facilities operations to ensure optimal animal care, health and reproductive success and (2) generate essential biological information on a species that is under threat in nature. As a result of this visit, a Memorandum of Agreement was signed between CWA and C2S2. This was followed by a training workshop (funded internally by C2S2) conducted at CWA in September 2008. Steven Kohl, Chief of the Russia-East Asia Branch of the U.S. Fish & Wildlife Service's Division of International Conservation listed this effort as part of the 2007-2008 Work Plan for the USA-Russian Cooperative Efforts for the Conservation of Wildlife and Wildlife Habitat. A team of two veterinarians and two animal management specialists (representing three of the five C2S2 member institutions) spent 7 days in Kalmykia reviewing saiga conservation programs at CWA and in the Stepnoi Reserve. While at CWA, the two teams shared information on mutual capacities and highest priorities. As animal handling and health issues of saiga were recognized as a first order need, the C2S2 and CWA teams undertook intensive biomedical assessments of two saiga. To allow an extensive evaluation, this pilot effort included designing and assessing a new anesthetic protocol for this notoriously difficult-to-anesthetize species based on methods developed in the USA for pronghorn. Additionally, some fundamental training in veterinary diagnostics as well as basic equipment (i.e., a microscope) and laboratory supplies were provided to CWA staff. Both animals recovered successfully from anesthesia and that, combined with substantial health data collected in a short time period, confirmed the extraordinary potential of further cooperation. Additional meetings pertaining to saiga conservation and the need for local capacity building were held with the Zootechnics faculty of Kalmyk State University, representatives of Stavropol State University and the Deputy Minister of Natural Resources for the Republic of Kalmykia. Representatives of these organizations were highly appreciative and supportive of our efforts and will be excellent contacts for facilitating further evaluations of saiga health and biology and creating a normative database for this species.

**Reports / Publications / Information material:**

Minkov, I and D. Beetem. (2007) The prospects for international cooperation in captive breeding of saiga antelopes. Saiga News, Summer 2007, Issue 5, pg 2.  
Beetem, D. International Partnerships for Saiga Conservation. Saiga News, Winter 2008, Issue 8, pg 4.



<p>D.Beetem, N. Boedeker, R. Rieches, R. Weiss. 2009. The Conservation Centers for Species Survival: Developing Partnerships for Conservation. Proceedings of the international scientifically-practical conference «Actual problems of development of agriculture of the South of Russia ». Elista. Pp.111-112.</p>	
<p><b>Collaborators:</b> Center for Wild Animals of the Republic of Kalmykia, Yuriy Arylov, Director (<a href="mailto:kalmsaigak@elista.ru">kalmsaigak@elista.ru</a>), Conservation Centers for Species Survival, Dan Beetem (<a href="mailto:dbeetem@thewilds.org">dbeetem@thewilds.org</a>)</p>	
<p><b>Budget available:</b> funding for future projects pending grant proposals under review</p>	
<p><b>Current sponsors:</b> none</p>	
<p><b>Past sponsors:</b> none</p>	
<p><b>Information contributed by:</b> Dan Beetem, Director of Animal Management, the Wilds <a href="mailto:dbeetem@thewilds.org">dbeetem@thewilds.org</a></p>	
<p><b>Date report submitted:</b></p>	<p><u>02/08/2010</u> dd/mm/yyyy</p>
<p><b>Other:</b></p>	

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Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Creation of local Saiga management associations				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input checked="" type="checkbox"/>	Uzbekistan	<input checked="" type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> Fauna & Flora International, 4 <sup>th</sup> Floor, Jupiter House, Station Road, CB1 2JD Cambridge, UK				
<b>Duration of project:</b> from <u>2007</u> to <u>2010</u>				
<b>Location(s) of main activity:</b> Uzbek Ustyurt Plateau				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

**Project Summary:**

Population monitoring: Participatory monitoring of the Ustyurt saiga is ongoing in Uzbekistan and planned to be developed in Kazakhstan

Education and awareness: Education and awareness activities are being implemented for local people, planners and developers and the wider public

Protected area management: The Saigachy Reserve is being re-designated

Training & capacity-building: Training is being conducted for state rangers, local saiga monitors, relevant state agencies, customs service, border and local police, planner and developers

**Planned activities:**

For the period Jul-Dec 10

- Field observation and ongoing data collection on saiga and meteorology
- Data analysis and continuation of development of saiga database
- Enhancement and consolidation of existing saiga monitor groups' efficacy and recruiting new saiga monitors where possible
- Providing training on monitoring techniques to new local saiga monitors
- Continuing the support to the state agencies in upgrading the designation of the Saigachy Protected Area
- Biological and socio-economic scoping trip to the Kazakh Ustyurt
- Participation in the International Conference of the Convention of Migratory Species, Ulan Bator from 7th-10th of Sept

**Achievements to date:**

- A network of local saiga monitors and saiga friends groups established, actively engaged in collecting data on saiga sightings and acting as local advocates on the Ustyurt
- Information from local saiga monitors and meteorological data incorporated into saiga database
- Submission of official enactment for the redesignation of the Saigachy Reserve, including all relevant documents, to the Council of Ministers of Karakalpakstan
- Adoption of governmental resolutions on national and Karakalpak level for the propagation of joint actions of all law enforcement agencies against poaching and illegal trade of saiga
- Customs service, border and local police trained in national legislation and international law and conventions on illegal trade in saiga and other wildlife during four workshops delivered at the national, regional Karakalpak and local levels
- Preparation of draft Agreement on Mutual Cooperation between the State Committee for Nature Protection ARK and FFI on managing the Saigachy Reserve for the upcoming 5 years
- Preparation and distribution of 800 posters addressing illegal trade and hunting in saiga (in Russian)
- Broadcast of Karakalpak customs service workshop on regional TV News programme on 16th of December
- Continuous talks held with representatives of Kazakh state agencies, the Kazakh Institute of Zoology and Kazakh environmental NGOs on expanding the project to the Kazakh side of the Ustyurt Plateau

**Reports / Publications / Information material:**

- Bykova E. & Esipov A. (2009) Saiga antelope in Uzbekistan: current trends and conservation. Proceedings of 29th Congress of IUGB, August 17-22 2009, Moscow, p 9
- Bykova E. & Esipov A. (2009) Using the method of participatory monitoring for saiga status investigation in Uzbekistan. Mammals of Kazakhstan and Adjacent Territories. Proceedings of International Conference, Nov 15-16 2009, Almaty, p 232-235
- Esipov, A., Bykova, E., Chernogaev, Eu. (2008). Saiga conservation through improvement of

territorial protection in Ustyurt plateau. Ecological safety and civil initiative journal, # 9. p.43-48.	
<ul style="list-style-type: none"> <li>• Esipov, A., Bykova, E., Chernogaev, Eu. (2008). On necessity of reorganization of Saigachiy nature reserve. Problems of conservation of a biodiversity in protected areas of Uzbekistan. Nukus, 39-42.</li> <li>• Esipov A., Golovtsov D. &amp; Bykova E. (2009) Climate effect on Ustyurt population of saiga antelope in Uzbekistan. Mammals of Kazakhstan and Adjacent Territories. Proceedings of International Conference, Nov 15-16 2009, Almaty, p 213-217</li> <li>• Karlstetter, M. (2009) A visit to the Uzbek Ustyurt. Saiga News Issue 9</li> </ul>	
<b>Collaborators:</b> State Committee for Nature Protection in Uzbekistan, Institute of Zoology, Academy of Science, Uzbekistan, Forestry and Hunting Committee of Kazakhstan, Association for the Conservation of Biodiversity of Kazakhstan	
<b>Budget available:</b> 67,695 GBP	
<b>Current sponsors:</b> British American Tobacco Biodiversity Partnership	
<b>Past sponsors:</b> n/a	
<b>Information contributed by:</b> Maria Karlstetter, Projects Manager Eurasia Programme	
<b>Date report submitted:</b>	04/08/2010 dd/mm/yyyy
<b>Other:</b>	

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

E-mail: [secretariat@cms.int](mailto:secretariat@cms.int); Fax: (+49 228) 815 2449

<b>Project:</b> Conservation of the Critically Endangered Ustyurt Saiga Antelope, Uzbekistan & Kazakhstan				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input checked="" type="checkbox"/>	Uzbekistan	<input checked="" type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> Fauna & Flora International, 4 <sup>th</sup> Floor, Jupiter House, Station Road, CB1 2JD Cambridge, UK				
<b>Duration of project:</b> from __Jul 2007_____ to __Jun 2011_____				
<b>Location(s) of main activity:</b> Uzbek Ustyurt Plateau				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

**Project Summary:**

Population monitoring: Participatory monitoring of the Ustyurt saiga is ongoing in Uzbekistan and planned to be developed in Kazakhstan

Education and awareness: Education and awareness activities are being implemented for local people, planners and developers and the wider public

Protected area management: The Saigachy Reserve is being re-designated

Training & capacity-building: Training is being conducted for state rangers, local saiga monitors, relevant state agencies, customs service, border and local police, planner and developers

**Planned activities:**

For the period Jul 10-Jun 11:

- Continue field research on saiga movements and breeding grounds on the Ustyurt Plateau
- Continue the collection of meteorological data for assessing impact of weather conditions on saiga population and herd sizes, and migration patterns
- Assess human impact on saiga migration and survival (poaching, disturbance, grazing competition, etc)
- Provide continuous support, training and guidance to local saiga monitors
- Provide continuous support to saiga friend groups and actively involve them in awareness raising activities
- Develop educational material, including posters and manuals on saiga issues
- Raise public awareness and project outreach on the local, national and international level, including congresses, conferences and media contributions
- Provide continuous support for the redesignation of the Saigachy Reserve to the Government of Uzbekistan
- In close cooperation with relevant governmental agencies foster the development of effective anti-poaching and anti-illegal trade strategies
- Involve extractive industries in conservation planning on the Ustyurt Plateau
- Expand the project to the Kazakh side of the Ustyurt Plateau

**Achievements to date:**

- A network of local saiga monitors and saiga friends groups established, actively engaged in collecting data on saiga sightings and acting as local advocates on the Ustyurt
- Information from local saiga monitors and meteorological data incorporated into saiga database
- Submission of official enactment for the redesignation of the Saigachy Reserve, including all relevant documents, to the Council of Ministers of Karakalpakstan
- Adoption of governmental resolutions on national and Karakalpak level for the propagation of joint actions of all law enforcement agencies against poaching and illegal trade of saiga
- Customs service, border and local police trained in national legislation and international law and conventions on illegal trade in saiga and other wildlife during four workshops delivered at the national, regional Karakalpak and local levels
- Preparation of draft Agreement on Mutual Cooperation between the State Committee for Nature Protection ARK and FFI on managing the Saigachy Reserve for the upcoming 5 years
- Preparation and distribution of 800 posters addressing illegal trade and hunting in saiga (in Russian)

<ul style="list-style-type: none"> <li>• Broadcast of Karakalpak customs service workshop on regional TV News programme on 16th of December</li> <li>• Continuous talks held with representatives of Kazakh state agencies, the Kazakh Institute of Zoology and Kazakh environmental NGOs on expanding the project to the Kazakh side of the Ustyurt Plateau</li> </ul>
<p><b>Reports / Publications / Information material:</b></p> <p>Bykova E. &amp; Esipov A. (2009) Saiga antelope in Uzbekistan: current trends and conservation. Proceedings of 29th Congress of IUGB, August 17-22 2009, Moscow, p 9</p> <p>Bykova E. &amp; Esipov A. (2009) Using the method of participatory monitoring for saiga status investigation in Uzbekistan. Mammals of Kazakhstan and Adjacent Territories. Proceedings of International Conference, Nov 15-16 2009, Almaty, p 232-235</p> <p>Esipov, A., Bykova, E., Chernogaev, Eu. (2008). Saiga conservation through improvement of territorial protection in Ustyurt plateau. Ecological safety and civil initiative journal, # 9. p.43-48.</p> <p>Esipov, A., Bykova, E., Chernogaev, Eu. (2008). On necessity of reorganization of Saigachiy nature reserve. Problems of conservation of a biodiversity in protected areas of Uzbekistan. Nukus, 39-42.</p> <p>Esipov A., Golovtsov D. &amp; Bykova E. (2009) Climate effect on Ustyurt population of saiga antelope in Uzbekistan. Mammals of Kazakhstan and Adjacent Territories. Proceedings of International Conference, Nov 15-16 2009, Almaty, p 213-217</p> <p>Karlstetter, M. (2009) A visit to the Uzbek Ustyurt. Saiga News Issue 9</p>
<p><b>Collaborators:</b> State Committee for Nature Protection in Uzbekistan, Institute of Zoology, Academy of Science, Uzbekistan, Forestry and Hunting Committee of Kazakhstan, Association for the Conservation of Biodiversity of Kazakhstan</p>
<p><b>Budget available:</b> 76,000 USD</p>
<p><b>Current sponsors:</b> Disney Wildlife Conservation Fund</p>
<p><b>Past sponsors:</b> n/a</p>
<p><b>Information contributed by:</b> Maria Karlstetter, Projects Manager Eurasia Programme</p>
<p><b>Date report submitted:</b> 04/08/2010 dd/mm/yyyy</p>
<p><b>Other:</b></p>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Ustyurt Landscape Conservation Initiative				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input checked="" type="checkbox"/>	Uzbekistan	<input checked="" type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> Fauna & Flora International, 4 <sup>th</sup> Floor, Jupiter House, Station Road, CB1 2JD Cambridge, UK				
<b>Duration of project:</b> from __Oct 2009_____ to __Sept 2014_____				
<b>Location(s) of main activity:</b> Ustyurt Plateau				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input checked="" type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input checked="" type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>	
Alternative livelihoods	<input checked="" type="checkbox"/>	Trade issues	<input checked="" type="checkbox"/>	
Socio-economic research	<input checked="" type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input checked="" type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input checked="" type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				



**Project Summary:**

Anti-poaching: Training and resource needs assessments are planned and support is being provided accordingly

Population monitoring: Plans are ongoing on collaring saiga on the Ustyurt plateau, participatory monitoring of the Ustyurt saiga is ongoing in Uzbekistan and planned to be developed in Kazakhstan

Ecological research: Baseline ecological surveys are ongoing, a monitoring plan is being developed

Education and awareness: Education and awareness activities are being implemented for local people, planners and developers and the wider public

Alternative livelihoods: Small grants are being distributed to the local communities

Socio-economic research: In cooperation with the Imperial College of London, socio-economic research is being conducted on the Ustyurt in the main villages

Range mapping: done in the framework of field surveys and collaring

Habitat research: a rangeland assessment is being conducted, also part of the baseline ecological survey

Habitat restoration: planned as far needed and possible on the territory of the Saigachy Reserve

Protected area management: The Saigachy Reserve is being re-designated and support is being provided to make it operational

Training & capacity-building: Training is being conducted for state rangers, local saiga monitors, relevant state agencies, customs service, border and local police, planner and developers

Law enforcement: in the framework of our anti-poaching and anti-illegal trade work

Trade issues: this project connects to a bigger initiative on addressing illegal trade in saiga products (see Darwin Initiative)

**Planned activities:**

**Objective 1: To promote the long-term sustainable management of the Ustyurt landscape in Uzbekistan and Kazakhstan, through the delivery of a landscape scale approach, using a keystone species – the critically endangered saiga antelope - as a flagship, aimed at reconciling the conservation of the ecosystem with local sustainable development.**

To achieve this goal the project will focus on the delivery of activities in 6 objective areas:

1. To improve ecological and social scientific understanding to better inform the design, implementation and monitoring of landscape management interventions and to provide a basis for adaptive management.
2. To support state agencies to develop and implement robust protected area, conservation and development control policies for the Ustyurt Plateau.
3. To develop the capacity of the state nature protection agencies to deliver effective wildlife protection supported by an active and robust local advocacy network.
4. To empower local communities and other stakeholders to address their needs in ways which also mitigate the key sociocultural drivers of landscape degradation and species loss.
5. To build local constituency and advocacy for the Ustyurt Plateau and its species through a program of active engagement and awareness-raising.
6. To support the engagement of the international conservation, development and business sector and to develop the fundraising capacity and long-term funding base available to key actors responsible

for the sustainable management of the Ustyurt Plateau and its species.

**Objective 1: To improve ecological and social scientific understanding to better inform the design, implementation and monitoring of landscape management interventions and to provide a basis for adaptive management.**

- 1.1 Develop Monitoring, Evaluation, Feedback and Learning (MEFL) Plan
- 1.2 Landscape baseline ecological survey, carbon values and scenario planning for climate change.
- 1.3 Research into 3 keystone species including the migration patterns of saiga antelope coordinated with Kazakhstan
- 1.4 Develop and implement biodiversity monitoring strategy for the landscape
- 1.5 Collect baseline socioeconomic and demographic data.
- 1.6 Develop landscape database and GIS resource including habitat mapping.
- 1.7 Facilitate cross-border cooperation in science and research and build case for transboundary protected area (B).

**Objective 2: To support State Agencies to develop and implement robust protected area, conservation and development control policies for the Ustyurt Plateau.**

- 2.1 Support re-designation and institutional / operational development of Saigachy Reserve
- 2.2 Harmonize land-use/zoning plan and ensure that conservation planning is integrated into land-use plans covering the Plateau
- 2.3 Raise awareness of wildlife impact mitigation amongst planners/developers
- 2.4 Facilitate cross-border cooperation between states at all levels on conservation and development of Ustyurt.
- 2.5 Ensure transparency of activities – publicity and oversight groups.

**Objective 3: To develop the capacity of the state nature protection agencies to deliver effective nature protection / anti-poaching supported by an active and robust local advocacy network.**

- 3.1 Build technical and resource capacity of agencies responsible for anti- poaching in Uzbekistan
- 3.2 Develop inter-departmental nature protection / wildlife protection in Uzbekistan
- 3.3 Develop and co-ordinate a cross-border Kazak/Uzbek anti-poaching training (with competency standards) and patrol program.
- 3.4 Mobilize communities through new local saiga monitoring groups.
- 3.5 Build links between state rangers & local groups.

**Objective 4: To empower local communities and other stakeholders to address their needs in ways which also mitigate the key sociocultural drivers of landscape degradation and species loss.**

- 4.1 Support the development of alternative livelihoods and small-scale infrastructure projects.
- 4.2 Assess agriculture/rangeland management and pasture condition and develop a rangeland

management strategy to address issues.

4.3 Assessment of formal and informal governance structures related to resource management and livelihood improvement.

4.4 Develop integrated approach to address the trade in saiga horn.

**Objective 5: To build the local constituency and advocacy for the Ustyurt Plateau and its species through a program of active engagement and awareness-raising.**

5.1 Develop advocacy amongst local actors through a program of awareness raising

5.2 Establish further Saiga Friends groups and develop a wider role for these groups

5.3 Evaluate creation of regional label for marketing of cultural activities and products.

5.4 Proactively engage local and foreign industry to mitigate their impacts on landscapes and species and to contribute to the long-term financing of conservation and community activities on the Ustyurt plateau.

**Objective 6: To support the engagement of the international conservation, development and business sector and to develop the fundraising capacity and long-term funding base available to key actors responsible for the sustainable management of the Ustyurt Plateau and its species.**

6.1 Undertake study into options for generating finance for the Saigachy protected area.

6.2 Build synergy with UNDP to support the Saigachy protected area.

6.3 Lobby and support for local people to be engaged as employees of protected area and conservation.

6.4 Build resilience within communities by ensuring skills/knowledge from projects embedded.

**Achievements to date:**

- i) We have received official approval for the project in Uzbekistan at the Presidential level and are still awaiting to receive project approval in Kazakhstan.
- ii) We are currently in the process of registering a branch of FFI in Uzbekistan, which will give us a legal status and allow us to start project implementation in earnest.
- iii) A scoping trip to the southern Ustyurt was conducted in June 2010.
- iv) An Ustyurt Landscape Conservation Project Planning and Evaluation Meeting hosted by the Committee for Nature Protection of Uzbekistan is planned to take place in Tashkent on the 9th of August followed by an informal Monitoring, Evaluation, Feedback and Learning workshop.

**Reports / Publications / Information material:** Not for public use.

**Collaborators:** State Committee for Nature Protection in Uzbekistan, Institute of Zoology, Academy of Science, Uzbekistan, Uzbek Society for the Protection of Birds, Forestry and Hunting Committee of Kazakhstan, Association for the Conservation of Biodiversity of Kazakhstan

**Budget available:** 1,255,464 USD

**Current sponsors:** USAID

<b>Past sponsors:</b> n/a	
<b>Information contributed by:</b> Maria Karlstetter, Projects Manager Eurasia Programme	
<b>Date report submitted:</b>	04/08/2010 dd/mm/yyyy
<b>Other:</b>	

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Conservation of the Critically Endangered Ustyurt Saiga Antelope, Uzbekistan & Kazakhstan			
<b>Country:</b>	China <input type="checkbox"/>	Turkmenistan <input type="checkbox"/>	
	Kazakhstan <input checked="" type="checkbox"/>	Uzbekistan <input checked="" type="checkbox"/>	
	Mongolia <input type="checkbox"/>	International <input type="checkbox"/>	
	Russia <input type="checkbox"/>		
<b>Organisation / Contact details:</b> Fauna & Flora International, 4 <sup>th</sup> Floor, Jupiter House, Station Road, CB1 2JD Cambridge, UK			
<b>Duration of project:</b> from __2010__ to __2011__			
<b>Location(s) of main activity:</b> Ustyurt Plateau			
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i> <input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i> <input type="checkbox"/>		
<b>Areas of work:</b>			
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input type="checkbox"/>
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input type="checkbox"/>
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>
Range mapping	<input checked="" type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>
Habitat research	<input type="checkbox"/>		
For each box ticked, please provide brief details in the project summary box below			

<p><b>Project Summary:</b>  Anti-poaching: Training and resource needs assessments are planned and support is being provided accordingly</p> <p>Population monitoring: Plans are ongoing on collaring saiga on the Ustyurt plateau, participatory monitoring of the Ustyurt saiga is ongoing in Uzbekistan and planned to be developed in Kazakhstan</p> <p>Education and awareness: Education and awareness activities are being implemented for local people, and the wider public</p> <p>Training &amp; capacity-building: Training is being conducted for state rangers, local saiga monitors and relevant state agencies</p> <p>Law enforcement: in the framework of our anti-poaching work</p>	
<p><b>Planned activities:</b></p> <p><b>Objective 1)</b> Improve knowledge and understanding of migration routes and breeding grounds of the saiga on the Ustyurt to inform the development of an effective anti-poaching strategy</p> <p><b>Activity 1)</b> Field research on saiga population status, migration routes and breeding grounds on the Ustyurt</p> <p><b>Objective 2)</b> Raise awareness and actively engage local communities in saiga conservation</p> <p>2.1) Production and dissemination of awareness and education material</p> <p>2.2) Conduct community meetings on main villages on the Ustyurt</p> <p><b>Objective 3)</b> Provide technical and resource support to state and local ranger groups to coordinate and implement an effective anti-poaching strategy on the Ustyurt</p> <p>3) Provide equipment and training support for ranger patrols</p> <p><b>Objective 4)</b> Foster transboundary cooperation on saiga conservation between Uzbekistan and Kazakhstan</p> <p>4) Conduct transboundary meetings of key stakeholders of Uzbekistan and Kazakhstan</p>	
<p><b>Achievements to date:</b> None</p>	
<p><b>Reports / Publications / Information material:</b> None</p>	
<p><b>Collaborators:</b> State Committee for Nature Protection in Uzbekistan, Institute of Zoology, Academy of Science, Uzbekistan, Forestry and Hunting Committee of Kazakhstan, Association for the Conservation of Biodiversity of Kazakhstan</p>	
<p><b>Budget available:</b> 15,000 USD</p>	
<p><b>Current sponsors:</b> The Mohamed bin Zayed Species Conservation Fund</p>	
<p><b>Past sponsors:</b> n/a</p>	
<p><b>Information contributed by:</b> Maria Karlstetter, Projects Manager Eurasia Programme</p>	
<p><b>Date report submitted:</b></p>	<p>04/08/2010 dd/mm/yyyy</p>

**Other:**

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Addressing the illegal trade in the critically endangered Ustyurt Saiga				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input checked="" type="checkbox"/>	Uzbekistan	<input checked="" type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> Fauna & Flora International, 4 <sup>th</sup> Floor, Jupiter House, Station Road, CB1 2JD Cambridge, UK				
<b>Duration of project:</b> from __Apr 2010_____ to __Mar 2013_____				
<b>Location(s) of main activity:</b> Ustyurt Plateau				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input checked="" type="checkbox"/>	
Socio-economic research	<input checked="" type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				



**Project Summary:**

Education and awareness: Education and awareness activities are being implemented for local people, planners and developers and the wider public

Socio-economic research: In cooperation with the Imperial College of London, socio-economic research is being conducted on the Ustyurt in the main villages to identify key actors in and drivers for trade in saiga products, the economic value of these activities, regional markets and trade chains

Training & capacity-building: Training is being conducted for state rangers, local saiga monitors, relevant state agencies, customs service, border and local police, planner and developers

Law enforcement: in the framework of the our anti-poaching and anti-illegal trade work

Trade issues: this project follows an integrated approach including researching harvest, trade and consumption of meat and horn; engaging local people, especially poachers, in the development of effective conservation measures; strengthening capacity and facilitating improved transboundary cooperation for law enforcement; increasing understanding of local livelihood needs. The project will link with international organisations addressing consumer demand for saiga horn including TRAFFIC, WWF and WCS

**Planned Activities:**

0.1. Establish Project team

0.2. Identify Steering Committee members and hold six-monthly meetings

0.3. Monitor and evaluate project outputs and outcomes

1.1. Conduct research to identify key actors and drivers of trade in saiga products, regional markets and trade chains for saiga products

1.2. Utilise research results together with results of wider operational landscape and needs assessments in order to determine trade interventions.

1.3. Conduct research to identify alternative livelihood options for local community with a particular focus on those engaged in saiga trade and poaching.

1.4. Share learning on alternative livelihoods options so as to inform the development of livelihood interventions to be delivered under a secured parallel FFI initiative.

2.1. Conduct Training and Resource Needs Assessments (TRNA) for each of the target groups to be engaged in illegal trade intervention.

2.2. Develop training modules to improve target group skills to deliver the illegal trade intervention strategy.

2.3. Deliver training to target groups - customs service, local and border police of both countries.

2.4. Evaluate training delivery and impacts.

3.1. Develop national, and if feasible a bi-lateral, saiga trade intervention strategy/ies in close cooperation with all partners.

3.2. Identify roles and responsibilities of the various enforcement agencies and support them to deliver the saiga trade intervention strategy.

3.3. Develop and implement a plan to co-ordinate inter-agency (national and bi-lateral) activities

<p>related to illegal trade.</p> <p>3.4. Hold transboundary meetings to foster exchange of experience and share lessons learned between host countries.</p> <p>4.1. Conduct assessments of awareness and perceptions of local people of the trade in saiga / wildlife products.</p> <p>4.2. Develop and implement an information campaign to build understanding of the positive values of biodiversity to local culture and livelihoods and to raise- awareness of the illegality and consequences of wildlife trade.</p> <p>4.2. Conduct highly visible random police inspections of market goods at the local and regional level.</p> <p>4.3. Disseminate information on project progress and evaluation to all relevant stakeholders and the wider public.</p>
<p><b>Achievements to date:</b></p> <ul style="list-style-type: none"> <li>i) We have received official approval for the project in Uzbekistan at the Presidential level and are still awaiting to receive project approval in Kazakhstan.</li> <li>ii) We are currently in the process of registering a branch of FFI in Uzbekistan, which will give us a legal status and allow us to start project implementation in earnest.</li> <li>iii) An Ustyurt Landscape Conservation Project Planning and Evaluation Meeting hosted by the Committee for Nature Protection of Uzbekistan is planned to take place in Tashkent on the 9th of August followed by an informal Monitoring, Evaluation, Feedback and Learning workshop.</li> </ul>
<p><b>Reports / Publications / Information material:</b> No</p>
<p><b>Collaborators:</b> State Committee for Nature Protection in Uzbekistan, Institute of Zoology, Academy of Science, Uzbekistan, Forestry and Hunting Committee of Kazakhstan, Association for the Conservation of Biodiversity of Kazakhstan</p>
<p><b>Budget available:</b> 194,535 GBP</p>
<p><b>Current sponsors:</b> Darwin Initiative</p>
<p><b>Past sponsors:</b> n/a</p>
<p><b>Information contributed by:</b> Maria Karlstetter, Projects Manager Eurasia Programme</p>
<p><b>Date report submitted:</b> 04/08/2010 dd/mm/yyyy</p>
<p><b>Other:</b></p>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project: Financial assistance to the Anti-poaching brigade, sanctuary Stepnoi, Astrakhan district, Russia</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details: IFAW-Ru (mvorontsova@ifaw.org)</b>				
<b>Duration of project:</b>	from <u>2005</u> to Current _____			
<b>Location(s) of main activity: Sanctuary Stepnoi</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<p><b>Project Summary:</b> Support to the local rangers of the Stepnoy Sanctuary to implement their duties in preventing saiga poaching at the territory of the sanctuary. To succeed in their mission through the past four years IFAW issued several small grants, which allowed to purchase petrol for the vehicles for the anti-poaching patrols, purchase of spare parts and repair vehicles, purchase new uniforms for rangers. In July 2010 a new vehicle was purchased for the Anti-poaching brigade.</p> <p>The head of the Anti-poaching brigade did participate at the IFAW anti-poaching sharing experience trip to India in February, 2009 (jointly with Tiger anti-poaching rangers from the Russian Far east). Several national Parks were visited, as well as meetings with Indian NGO's and officials. The experience shared</p>
<p><b>Planned Activities:</b> Regular anti-poaching patrols</p>
<p><b>Achievements to date:</b></p>
<p><b>Reports / Publications / Information material:</b></p>
<p><b>Collaborators:</b> Anna Luschekina Russian MaB committee</p>
<p><b>Budget available:</b> 3.000 USD annually;</p>
<p><b>Current sponsors:</b> IFAW</p>
<p><b>Past sponsors:</b> IFAW</p>
<p><b>Information contributed by:</b> Masha Vorontsova (Director, IFAW-Russia)</p>
<p><b>Date report submitted:</b> 29.07.2010_____</p>
<p><b>Other:</b></p>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

E-mail: [secretariat@cms.int](mailto:secretariat@cms.int); Fax: (+49 228) 815 2449

<b>Project: Creation the information stand “Protection of Saiga and steppe ecosystem”</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details: Karaganda Ecological Museum, Karaganda, 47 Buhar-Zhyrau Ave., + 7 (7212) 41 33 44</b>				
<b>Duration of project:</b> from 1 <sup>st</sup> of September 2009 to 30 <sup>th</sup> of August 2010				
<b>Location(s) of main activity:</b> Exposition hall of EcoMuseum				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<p><b>Project Summary:</b>  The project on creation information stand «Protection of saiga and steppe ecosystems» is realized by Karaganda Ecological Museum. The stand is situated in the exhibition hall of the EcoMuseum. The stand is devoted to the problem of saiga population decrease, poaching, government and non-government organization who works on research and protection saiga population. Main stakeholders of the project are pupils and student.</p>
<p><b>Planned Activities:</b></p> <ul style="list-style-type: none"> <li>- creation the information stand</li> <li>- publication 2000 booklets</li> <li>- providing the excursions stand based</li> </ul>
<p><b>Achievements to date:</b></p> <ul style="list-style-type: none"> <li>- 2000 booklets</li> <li>- Information stand</li> </ul>
<p><b>Reports / Publications / Information material:</b> 2000 booklets</p>
<p><b>Collaborators:</b> Association for the Conservation of Biodiversity of Kazakhstan</p>
<p><b>Budget available:</b> 2000 USD</p>
<p><b>Current sponsors:</b></p> <ul style="list-style-type: none"> <li>- International Council for Game and Wildlife Conservation</li> <li>- The Wildlife Conservation Network</li> </ul>
<p><b>Past sponsors:</b></p>
<p><b>Information contributed by:</b> Vera Voronova – coordinator of the project</p>
<p><b>Date report submitted:</b> _____  27.07.2010</p>
<p><b>Other:</b></p>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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Please complete sections as appropriate and **return to the CMS Secretariat**.

E-mail: [secretariat@cms.int](mailto:secretariat@cms.int); Fax: (+49 228) 815 2449

<b>Project:</b> Equipment Purchase for Chernye Zemli Biosphere Reserve			
<b>Country:</b>	China <input type="checkbox"/>	Turkmenistan <input type="checkbox"/>	
	Kazakhstan <input type="checkbox"/>	Uzbekistan <input type="checkbox"/>	
	Mongolia <input type="checkbox"/>	International <input type="checkbox"/>	
	Russia <input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation			
<b>Duration of project:</b> from <u>1999</u> to <u>2000</u>			
<b>Location(s) of main activity:</b> Chernye Zimli Nature Reserve, Republic of Kalmykia			
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i> <input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i> <input type="checkbox"/>		
<b>Areas of work:</b>			
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>
Education and awareness	<input type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>
Habitat research	<input type="checkbox"/>		
For each box ticked, please provide brief details in the project summary box below			
<b>Project Summary:</b> Purchase uniforms, video camera, fuel for law enforcement			

<b>Planned Activities:</b>
<b>Achievements to date:</b> Purchased uniforms, video camera, fuel for law enforcement
<b>Reports / Publications / Information material:</b>
<b>Collaborators:</b> U.S. Fish and Wildlife Service, Division of International Conservation (USA) Chernye Zemli Biosphere Reserve (Russia)
<b>Budget available:</b> \$5,050 (provided by U.S. Fish and Wildlife Service)
<b>Current sponsors:</b>
<b>Past sponsors:</b>
<b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation
<b>Date report submitted:</b> _____06.08.2010____ dd/mm/yyyy
<b>Other:</b>



## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Chernye Zemli Biosphere Reserve Equipment Purchase			
<b>Country:</b>	China <input type="checkbox"/>	Turkmenistan <input type="checkbox"/>	
	Kazakhstan <input type="checkbox"/>	Uzbekistan <input type="checkbox"/>	
	Mongolia <input type="checkbox"/>	International <input type="checkbox"/>	
	Russia <input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation			
<b>Duration of project:</b> from _____ 2000 _____ to _____ 2001 _____			
<b>Location(s) of main activity:</b> Chernye Zemli Nature Reserve , Republic of Kalmykia			
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i> <input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i> <input type="checkbox"/>		
<b>Areas of work:</b>			
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>
Population monitoring	<input type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>
Education and awareness	<input type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>
Habitat research	<input type="checkbox"/>		
For each box ticked, please provide brief details in the project summary box below			
<b>Project Summary:</b> Purchased computer, boat and motor, GPS, repairs to ranger outpost, fuel			

<b>Planned Activities:</b>
<b>Achievements to date:</b> Purchased computer, boat and motor, GPS, repairs to ranger outpost, fuel
<b>Reports / Publications / Information material:</b>
<b>Collaborators:</b> U.S. Fish and Wildlife Service, Division of International Conservation (USA) Chernye Zemli Biosphere Reserve (Russia)
<b>Budget available:</b> \$5,435 (provided by U.S. Fish and Wildlife Service)
<b>Current sponsors:</b>
<b>Past sponsors:</b>
<b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation
<b>Date report submitted:</b> _____06.08.2010__ dd/mm/yyyy
<b>Other:</b>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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<b>Project:</b> Saiga Antelope International Workshop				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation				
<b>Duration of project:</b> from <u>5 May 2002</u> to <u>10 May 2002</u>				
<b>Location(s) of main activity:</b> Elista, Kalmykia, Russia				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input checked="" type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input checked="" type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<b>Project Summary:</b> An international workshop that focused on the topics of: anti-poaching, habitat protection, establishing captive breeding centers, monitoring the population, and local and international collaboration.
<b>Planned Activities:</b> Information exchange
<b>Achievements to date:</b>
<b>Reports / Publications / Information material:</b>
<b>Collaborators:</b> Committee for Natural Resources and Environmental Protection of the Ministry of Natural Resources of Russia in the Republic of Kalmykia; Caspian programme of ISAR; the Russian Committee for the UNESCO Programme on Man and the Biosphere (MAB), and the financial support of international and national donors (Secretariat of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); the Convention on Migratory Species (CMS); the Species Survival Commission of the World Conservation Union (IUCN/SSC); World Wide Fund for Nature; Large Herbivore Initiative of the World Wide Fund for Nature (WWF/LHI); Royal Netherlands Embassy in the Russian Federation; Conservation Force, USA; Safari Club, Houston; “Kalmneft” Open Joint Stock Company; “Kalmatneft” Open Joint-Stock Company; Russian Joint-Stock Company “Rosneftegazstroj”. U.S. Fish and Wildlife Service, Division of International Conservation
<b>Budget available:</b> \$10,000 (provided by U.S. Fish and Wildlife Service)
<b>Current sponsors:</b>
<b>Past sponsors:</b>
<b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation
<b>Date report submitted:</b> ___06.08.2010___ dd/mm/yyyy
<b>Other:</b>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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<b>Project:</b> Creation of the Visitor Center at the Chernye Zemli Biosphere Reserve				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation				
<b>Duration of project:</b> from <u>July 2005</u> to <u>30 September 2006</u>				
<b>Location(s) of main activity:</b> Center for Wild Animals of Republic of Kalmykia				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				
<b>Project Summary:</b> Provide funding to assist in the construction of an environmental education visitor				

center. This will enhance efforts to conserve the critically endangered saiga antelope by creating a facility that will educate local residents about the plight of the saiga.
<b>Planned Activities:</b> Purchase building materials and equipment for the facility, and funding is provided to assist in the construction of the facility
<b>Achievements to date:</b> Visitor center built
<b>Reports / Publications / Information material:</b>
<b>Collaborators:</b> Center for Wild Animals of Republic of Kalmykia (Russia); U.S. Fish and Wildlife Service, Division of International Conservation (U.S.A.) Center for Wild Animals of Republic of Kalmykia (Russia)
<b>Budget available:</b> \$11,800 (provided by U.S. Fish and Wildlife Service)
<b>Current sponsors:</b>
<b>Past sponsors:</b>
<b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation
<b>Date report submitted:</b> __06/08/10__ dd/mm/yyyy
<b>Other:</b>

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Installation of Information/Warning Signs Along the Perimeter of the Black Earth Biosphere Reserve				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation				
<b>Duration of project:</b> from _____ July 2005 _____ to _____ 30 September 2006 _____				
<b>Location(s) of main activity:</b> Black Earth Biosphere Reserve, Russia				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>		Habitat restoration	<input type="checkbox"/>
Population monitoring	<input type="checkbox"/>		Protected area management	<input type="checkbox"/>
Ecological research	<input type="checkbox"/>		Training & capacity-building	<input type="checkbox"/>
Education and awareness	<input checked="" type="checkbox"/>		Law enforcement	<input type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>		Trade issues	<input type="checkbox"/>
Socio-economic research	<input type="checkbox"/>		Captive breeding	<input type="checkbox"/>
Range mapping	<input type="checkbox"/>		Reintroduction/release	<input type="checkbox"/>
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<p><b>Project Summary:</b> Reduce illegal trespassing onto the biosphere reserve by installing boundary notification signs, enhancing efforts to conserve the critically endangered saiga antelope. Grant assistance will enable manufacture and installation of 85 border signs as well as provide for project coordination.</p>
<p><b>Planned Activities:</b></p>
<p><b>Achievements to date:</b> 85 border signs installed</p>
<p><b>Reports / Publications / Information material:</b></p>
<p><b>Collaborators:</b> U.S. Fish and Wildlife Service, Division of International Conservation (USA) Black Earth Biosphere Reserve (Russia)</p>
<p><b>Budget available:</b> \$4,560 (provided by U.S. Fish and Wildlife Service)</p>
<p><b>Current sponsors:</b></p>
<p><b>Past sponsors:</b></p>
<p><b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation</p>
<p><b>Date report submitted:</b> 06/08/10 _____ dd/mm/yyyy</p>
<p><b>Other:</b></p>



## PROJECTS REPORTING TEMPLATE FOR SAIGA-RELATED ACTIVITIES

This reporting template is designed to collate information on projects carried out by governmental and non-governmental organisations working on any aspect of Saiga conservation and sustainable use. Information will be compiled into a regularly updated table for discussion at future Saiga MoU meetings. The information will be used to: (1) monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (*Saiga tatarica tatarica*); (2) support exchange of information throughout the range and assist the identification of necessary future actions; and (3) support the implementation of CITES Decisions 13.27-13.35.

Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b> Purchase of Equipment for the Chernye Zemli Biosphere Reserve				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details:</b> US Fish and Wildlife Service, Division of International Conservation				
<b>Duration of project:</b> from <u>July 2005</u> to <u>30 September 2006</u>				
<b>Location(s) of main activity:</b> Chernye Zemli Biosphere Reserve				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<b>Project Summary:</b> Purchase radio transmitters, tents, binoculars, space heaters, vehicle tires and spare parts for the use of Chernye Zemli (Black Earth) Biosphere Reserve, Russia	
<b>Planned Activities:</b>	
<b>Achievements to date:</b> Purchased equipment	
<b>Reports / Publications / Information material:</b>	
<b>Collaborators:</b> Zapovedniks Environmental Education Centre (Russia); U.S. Fish and Wildlife Service, Division of International Conservation (U.S.A.) Chernye Zemli Biosphere Reserve (Russia)	
<b>Budget available:</b> \$7,040 (provided by U.S. Fish and Wildlife Service)	
<b>Current sponsors:</b>	
<b>Past sponsors:</b>	
<b>Information contributed by:</b> Joseph Green, US Fish and Wildlife Service, Division of International Conservation	
<b>Date report submitted:</b>	____06/08/10____ dd/mm/yyyy
<b>Other:</b>	

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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<b>Project:</b>				
<b>Country:</b>	China	✓	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details: Wildlife Conservation Society China Program</b>				
<b>Duration of project:</b>	from September 2009_ to August 2010_____			
<b>Location(s) of main activity: Guangzhou, China</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	✓		
	<i>Saiga tatarica mongolica</i>	✓		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>		Habitat restoration	<input type="checkbox"/>
Population monitoring	<input type="checkbox"/>		Protected area management	<input type="checkbox"/>
Ecological research	<input type="checkbox"/>		Training & capacity-building	<input type="checkbox"/>
Education and awareness	✓		Law enforcement	<input type="checkbox"/>
Alternative livelihoods	<input type="checkbox"/>		Trade issues	✓
Socio-economic research	<input type="checkbox"/>		Captive breeding	<input type="checkbox"/>
Range mapping	<input type="checkbox"/>		Reintroduction/release	<input type="checkbox"/>
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

<b>Project Summary:</b> Saiga trade market monitoring and education campaign for TCM in Guangzhou, China.	
<b>Planned Activities:</b> 1) Collect information through market monitoring and undercover investigation during Nov 2009 and Apr 2010; 2) Conduct saiga antelope conservation education campaign.	
<b>Achievements to date:</b> 1) Understand the basic information of market scale; 2) Education and outreach campaign launched in local communities and around the TCM markets.	
<b>Reports / Publications / Information material:</b> An interim report submitted to SCA.	
<b>Collaborators:</b> Greeneyes (a grass root NGO)	
<b>Budget available:</b> Totally \$2000 USD	
<b>Current sponsors:</b> SCA	
<b>Past sponsors:</b> N/A	
<b>Information contributed by:</b> ZHANG, Guihong	
<b>Date report submitted:</b>	<b>01/08/2010</b> dd/mm/yyyy
<b>Other:</b> Under LCAOF project, WCS China Program has been collecting online trade/law enforcement information of saiga and pass monitoring reports to authority ever since.	

## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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Please complete sections as appropriate and **return to the CMS Secretariat**.

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<b>Project:</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input checked="" type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details: Wildlife Conservation Society Mongolia Country Program</b> <b>Office phone: 976-11-323-719, fax: 976-11-331-310</b>				
<b>Duration of project:</b> from <u>2005</u> to <u>present</u>				
<b>Location(s) of main activity: Sharga-Mankhan Nature Reserve, Gobi Altai Province, Mongolia</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input checked="" type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input checked="" type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input checked="" type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input checked="" type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

**Project Summary:**

**WCS has supported or raised support for a series of Mongolian saiga research and conservation activities between 2005 to present. They are outlined below.**

2006 – In August the Wildlife Conservation Society in collaboration with the Mongolian Academy of Sciences initiated a field based study on Mongolian Saiga to study their habitat in Western Mongolia. Following two major activities were implemented during this study; capture and collaring of saigas to understand movements and survival, and executing surveys to estimate size of the saiga population and to assess trends over time. As a result of this work 13 saigas were captured and 8 adult female saigas were collared and nearly 500 saigas were observed while conducting this study (1). Serum samples from 8 saigas were collected during the capture and collaring work.

Using global positioning system (GPS) radio-collars deployed on adult female saiga, we identified a narrow corridor connecting two subpopulations north of the Altai Mountains in western Mongolia. Although home ranges of individually-marked females are 3,000-4,000 km<sup>2</sup>, GPS-equipped animals using northern parts of the Shargyn-Govi depression relied on an apparent bottleneck < 5 kms wide during north-south movements between September 2006 and August 2007. This area represents the only viable route by which animals from the Shargyn-Govi connect to the Huysiyin-Govi subpopulation, and thus maintain a metapopulation structure. Our findings on Mongolian saiga detail the relevance of protecting geographical bottlenecks to ensure connectivity between sub-populations. If conservation is to succeed in Central Asia, on-the-ground approaches involving local people in consort with government agencies must play increasingly important roles beyond those of large scale scientific inquiry of climate and species re-distributions. Otherwise, the last chance to see these relicts will soon be within the confines of zoological parks (3).

By gathering baseline information on potential impediments to movements, an opportunity now exists to engage the local community in an important dialogue about how to maintain connectivity for saiga in the face of increasing development and grazing pressure. The Sharga Nature Reserve contains a mixture of wildlife, people, and ever-increasing numbers of livestock. Further, plans to pave a major road linking western Mongolia with the Chinese border will likely result in increased traffic within this region. The impact of these potential threats is relatively unknown. Thus, garnering information on saiga movements and meta-population structure is a necessary step, but not sufficient to assure long-term conservation (4).

2007 - The “Mongolian Saiga Conservation Participatory Workshop” held in Gobi Altai Aimag between 2 and 5 of September. It was organized by Wildlife Conservation Society’s Mongolia Country Program in collaboration with Gobi-Altai Aimag Government, Institute of Biology and the WWF and funding for the workshop and associated travel was provided by The Trust for Mutual Understanding, a New York based NGO (2).

2008 – 2010 In May through June the Wildlife Conservation Society in collaboration with the Institute of Biology at the Mongolian Academy of Sciences conducted a study “Mongolian Saiga Calves Captured and Collared” to understand calf production and survival and ongoing (5).

In August the Mongolian Academy of Sciences in collaboration with the Wildlife Conservation Society carried out research on the potential impacts of feral and free-roaming dogs on Mongolian saiga in Shargyn Gobi, Mongolia, funded by the EDGE Fellows programme, Zoological Society of London, UK. The objectives were to implement a transect survey to determine the number of free-roaming dogs within areas utilized by saiga, and to interview local herders to understand presence/absence patterns of their dogs and assess their knowledge about dog-saiga issues (6).

**Planned Activities:**

- Data collection on survival and movement of marked saiga neonates will be continued until the collar battery die off.
- Habitat selection of saiga calves will be investigated to determine factors that affect on subsequent habitat preference of saiga after calving.
- We are going to conduct saiga calf research at broader scale. In other words, survival and mortality saiga calves will be quantified in different calving grounds that differ by protection status and human disturbance.
- Spatial distribution of saiga adults in relation to livestock density and human settlements will be studied.
- We plan to model and predict spatial distribution of saigas with Remote Sensing technology such as Normalized Difference Vegetation Index (NDVI) using presence and absence data that collected during the transect surveys in 2006 and 2007, as well as using monthly monitoring data collected by WWF saiga rangers.
- Possible Future Studies:

Water and nutrient contents of vegetations within saiga range will be quantified?

Food habits and overlap between saiga antelope and livestock will be studied?

**Achievements to date:**

- 2009 – As a follow up of the 2006 field capture work, serum samples collected from 7 adult female and 1 calf saigas were sent to the United States for testing at the Animal Health Diagnostic Center at the Cornell University, College of Veterinary Medicine and the Foreign Animal Disease Diagnostic Laboratory of the United States Department of Agriculture. Serum samples were tested for exposure to a panel of common livestock diseases known to circulate among livestock in Mongolia including: foot and mouth disease (FMD), blue tongue virus (BTV), bovine viral diarrhea (BVD), bovine respiratory syncytial virus (BRSV), bovine parainfluenza virus type 3 (PIV-3), contagious ecthyma (Orf), leptospirosis (9 serovars), brucellosis and paratuberculosis. Evidence of exposure to diseases of livestock was found in 3 separate individuals. Two of eight (25%) Mongolian saiga were identified with exposure to contagious ecthyma (Orf) and one of eight (12.5%) to bovine parainfluenza virus type 3 (7).
- We identified potential bottleneck areas that connect subpopulations between Shargyn-Gobi and Huisiin-Gobi using satellite-GPS collars. Thus, protection of these geographical bottlenecks urged to maintain a meta-population structure of saiga antelope.
- Estimates of the saiga population in Shargyn Gobi have been conducted using statistically rigorous method known as Distance sampling. Our results suggest that the number of the saiga antelope population larger than previous reports, and adequate to support *in-situ* population recovery. Further, we recommended potential methods to gain reliable measurements that can be critical to get robust estimate of the population.
- Potential impacts of domestic dogs were studied in Shargyn Gobi through interviewing local nomads and compiling existing data. Although dogs are not threat to the saiga population, they can have detrimental impacts on saigas in harsh winters. In addition, avoidance from calving ground should be recommended not only in Shargyn Gobi but also rest of saiga ranges, although the density of herders and dogs was low during the summer in Shargyn Gobi.
- We studied the effect of chase time on saiga during the collaring effort in 2006, since safe capture of the endangered species is critical. Chase time was linearly associated with rectal temperature, with maximum pursuits and temperatures of 9 minutes and 43.1<sup>0</sup>C, respectively. Given that rural residents often chase saiga and other desert and steppe ungulates, for photography or for amusement, our results offer conservationists and government officials an empirical basis for recommending prudence on chase times.
- From 2008, we have captured and collared total of 116 newborn saiga calves to address issues with regards to scientific uncertainty that regulates recruitment of saiga antelope. Majority of the marked animals had died due to predation include red fox and raptors such as black vulture and golden eagle, although few animals had died owing to disease and unknown causes.

<p>Survival rate was the lowest in first month, and increased steadily after that. The litter size was the most noticeable factor that explains survival of saiga calves among other individual covariates.</p>	
<p><b>Reports / Publications / Information material:</b></p> <ol style="list-style-type: none"> <li>1. Kim &amp; Joel Berger (2006/7). Mongolian Saiga: A summary of WCS field work and radio-collaring efforts. Saiga News 4: 6</li> <li>2. WCS (2008). Mongolian Saiga Conservation Participatory Workshop Proceedings, Gobi Altai Aimag, September 2-5.</li> <li>3. Berger J, Berger KM, Bergen S, Buuveibaatar B, Fine A. (2008). Migration bottlenecks climate, and the conservation of Pleistocene relicts in central Asia. Open Cons Biol J 2: 9-10.</li> <li>4. Berger J, Young J, and Murray K (2008). Protecting Migration Corridors: Challenges and Optimism for Mongolian Saiga. PLoS Biol 6(7): 1365-1367.</li> <li>5. Young J, Buuveibaatar B, Fine A, Lhagvasuren B and Berger J (2008). Mongolian Saiga Calves Captured and Collared. Saiga News 8:8</li> <li>6. Bayarbaatar B, Young J, Fine A (2009). Research on the potential effects of domestic dogs on Mongolian Saiga in Shargyn Gobi NR, Mongolia. Saiga News 9: 15-16.</li> <li>7. Enkhtuvshin S, Fine A, Buuveibaatar B, Lhagvasuren B, Murray K and Berger J (2010). A Study of the exposure of the Mongolian saiga antelope (<i>Saiga tatarica mongolica</i>) to livestock diseases. Saiga News 11: 10-11.</li> <li>8. Buuveibaatar B, Young J and Fine A. Mongolian Saiga in Sharga Nature Reserve: Are Domestic Dogs a Threat to Saiga? <u>Mongolian Journal of Biological Sciences</u>, 2009, Vol. 7(1-2): 37-43.</li> <li>9. Young J, Murray K, Strindberg S, Bayarbaatar B and Berger J (2010). Population estimates of Endangered Mongolian saiga <i>Saiga tatarica mongolica</i>: implications for effective monitoring and population recovery. Oryx 44: 285-292.</li> <li>10. Berger J, Bayarbaatar B, Dunbar M and Lhagvasuren B (In Press). Capture of ungulates in Central Asia using drive nets: advantages and pitfalls illustrated by the Endangered Mongolian saiga <i>Saiga tatarica mongolica</i>. Oryx Available on CJO 20 Aug 2010 doi:10.1017/S003060531000058X</li> </ol>	
<p><b>Collaborators: Institute of Biology at the Academy of Sciences of Mongolia, The University of Massachusetts, Amherst</b></p>	
<p><b>Budget available: approximately 15,000 USD/annually</b></p>	
<p><b>Current sponsors:</b>  <b>The University of Massachusetts, Amherst, Rufford Small Grants Foundation, EDGE Fellows programme, Zoological Society of London, UK,</b></p>	
<p><b>Past sponsors:</b>  <b>The National Geographic Society, the Trust for Mutual Understanding (a New York-based NGO), Wildlife Conservation Society, the McBean Family Foundation (through WCS)</b></p>	
<p><b>Information contributed by: The Wildlife Conservation Society's Mongolia Country Program</b></p>	
<p><b>Date report submitted:</b></p>	<p>_24/08/2010_  dd/mm/yyyy</p>
<p><b>Other:</b></p>	



## PROJECTS REPORTING FOR SAIGA-RELATED ACTIVITIES

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<b>Project: Conservation of the Saiga antelope in the great lakes basin of western Mongolia</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input checked="" type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details: WWF, Mongolia Programme Office</b> 8 th khoroo, Sukhbaatar district, Amar street-4, Ulaanbaatar, Mongolia.				
<b>Duration of project:</b> from 2007.09.01 to 2010.08.31				
<b>Location(s) of main activity: Western Mongolia, Altai-Sayan Ecoregion</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input checked="" type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input checked="" type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>	
Alternative livelihoods	<input checked="" type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			
For each box ticked, please provide brief details in the project summary box below				

**Project Summary:**

In 2007 WWF Mongolia started a comprehensive Saiga conservation project with major financial support from the MAVA Foundation. The long term goal of this project is to maintain and restore the Mongolian Saiga in the Great Lakes Basin and to extend its range into its former habitats. Recent estimates suggest that conservation measures during the last 3 years led to an increase of the population to  $\leq 5,000$  (43% increase based on 2007). This is a great achievement, however it implies nevertheless that only 30.2% of its potential habitat is occupied, of which only 8.3% are represented within the protected area network. The steppes in the depressions between the lower ranges of the Altai Mountain in particular Shargiin Gobi, Khuisiin Gobi and Durgun steppe are the center of its distribution.

The status of the Saiga improved significantly during the last 3 years; however, its long term survival is still threatened by:

1. Habitat degradation caused by livestock (overgrazing/unsustainable pasture use, competition for water)
2. Climate change (cold winters and droughts)
3. Poaching and illegal trade of horn

**Planned Activities:**

The short term goal (3 years) is to stabilize the population and to prevent its extinction by raising following outputs;

- Poaching of Saiga has been stopped.
- Illegal trade with Saiga products effectively controlled.
- At least 9 herder groups established around the ranger network.
- Sustainable rangeland management practices are in place in core Saiga habitats.
- Benefits for local communities lead to increased support for Saiga conservation.
- Competition from livestock in key Saiga habitats significantly reduced.
- A comprehensive public education and awareness program is in place throughout the Saiga range.

**Achievements to date:**

- A community based network of professional rangers and volunteers operates throughout the Saiga range; decline of the Saiga population was stopped and poaching eliminated in 2009. The population increased by 43 % to about 5.000 animals and extended its range by 10 % since 2007.
- Increase of the Saiga population was only about 40% instead of 80% planned against the baseline of 2007. Varied but consistent counts suggest that the population increased to 5,000 (Clark & Javzansuren, 2006; Chimeddorj et al., 2009). The population estimate using distance sampling showed that over 7000 Saiga occupied the area in and around Sharga Nature Reserve (Young *et al.*, in press). Methods used previously for estimating population sizes provided only a measure of relative abundance, with no corresponding measure of uncertainty, precluding statistical comparisons.
- Major support for conservation has been received from the local population. The first herder community groups were established in critical Saiga habitats with the objective to reduce competition between livestock and Saiga for pasture and open water, by introducing environmentally friendly pasture management. The first herder communities agreed in 2009 to leave their pasture to wildlife during late spring (breeding season) and summer. The benefit of this measure became obvious to them on return in autumn – excellent winter pasture for livestock, with the result that they faced no losses of livestock despite a hard winter. This is one of the most encouraging examples of wise management which calls for multiplication, with the objective to reach a target of 15.000 ha in the coming years.

- Education and Awareness activities promote a positive attitude towards the saiga and rally support for Saiga conservation among the local population.
- Training and awareness activities enhance environmentally friendly rangeland management practices.
- Populations of several other species such as goitered gazelle, small mammals and birds of prey benefit from improved protection and rangeland management and respond with increase of their populations. The return of the Mongolian gazelle to Shargin Gobi is one of the remarkable side achievements of the project.
- The project became a significant contributor to environmental education. Youth-clubs operate throughout the project area, with support from the Saiga rangers. Involvement of schools and youth has helped to spread the message of conservation into herder families and helped to raise support from local people for the project.

#### **Reports / Publications / Information material:**

Several programmes on communication were developed for different target groups:

- Publications on nature conservation to general public.
- Legislation handbooks for police, inspectors, rangers and border guards.
- History, handbook and games for children.
- Hospitals (the myth of medical values of wildlife products).
- Students (illegal wildlife trade).
- Media campaigns (to reach audiences with hot messages),
- Radio and TV advertisement
- Scientific publications on saiga numbers

#### **Collaborators:**

In cooperation with several other organizations such as:

The Ministry of Nature, Environment and Tourism, Governor of Khovd Province and Gobi-Altai province, Soum governors, Institute of Biology, Khar Us Nuur National Park, UNEP, Swedish International Development Aid (SIDA), World Conservation Society (WCS), Large Herbivore Foundation (LHF), Zoo Schonbrunn, Messerli Foundation and an anonymous Swiss Foundation, Takhi Foundation, WWF Hungary with funding from the Hungarian Government, and the Hungarian Kishkunsag Nationalpark.

**Budget available:** 499.838 € (current fund is about 60000 euro till end September, 2010)

**Current sponsors:** MAVA Foundation

**Past sponsors:** LHF

**Information contributed by:** Chimeddorj.B, Species officer, WWF Mongolia

<b>Date report submitted:</b>	<b>03.08.2010</b> <b>dd/mm/yyyy</b>
<b>Other:</b>	

## PROJECTS REPORTING TEMPLATE FOR SAIGA-RELATED ACTIVITIES

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<b>Project: CENTRAL ASIA - Model Econet implementation - combined restoration of flagship species and ecosystems and benefit for local communities</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input checked="" type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input type="checkbox"/>		
<b>Organisation / Contact details:</b> WWF Russia/Central Asian Programme; 19., bd.3, Nikoloyamskaya, Moscow, 109240, Russia; +7 495 727 09 39, fax +7 495 727 09 39; opereladova@wwf.ru				
<b>Duration of project:</b> from __07.2009__ to -06.2012_ (previous project phase – 07.2006-06.2009) _____				
<b>Location(s) of main activity:</b> Betpakdala, Kazakhstan				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input checked="" type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input checked="" type="checkbox"/>	
Education and awareness	<input checked="" type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input checked="" type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	

Habitat research	<input type="checkbox"/>
For each box ticked, please provide brief details in the project summary box below	
<p><b>Project Summary:</b> A network of kids' and youth clubs and independent persons is involved in observations on saiga migrations and ecological education activities; series of lectures, presentations regularly organised in remote settlements, education materials distributed. Numerous data on the size of saiga groups, time of arrival in various parts of area is collected and passed to relevant specialists and organizations as a background material on:</p> <ul style="list-style-type: none"> <li>- population sex-age structure</li> <li>- seasonal migrations/sites of concentrations</li> <li>- areas of potential poaching (special seasonal needs for protection)</li> </ul>	
<b>Planned Activities:</b> to follow up the above-named activities	
<b>Achievements to date:</b> wide range of representatives of various stakeholders involved in monitoring and poaching-prevention activities; data on group size dynamics proves saiga population growth in Betpakdala; numerous cases of potential poaching prevented.	
<b>Reports / Publications / Information material:</b> WWF Technical project reports to the donor	
<b>Collaborators:</b> game management /protected areas, local NGOs, specialists of the Institute of Zoology, Anti-plague Institute, Okhotzooptom, regional inspections.	
<b>Budget available:</b> 10 000 EURO a year	
<b>Current sponsors:</b> WWF Netherlands	
<b>Past sponsors:</b> FZS – a set of antipoaching activities and protected areas system development – handed over to ACBK	
<b>Information contributed by:</b> Olga Pereladova, the head of WWF Central Asian programme	
<b>Date report submitted:</b>	<u>30/ 07/2010</u> dd/mm/yyyy
<b>Other:</b>	

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<b>Project: Urgent measures on saving European population of saiga – prevention of mortality in the conditions of ecological disaster</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details: WWF Russia, 19., bd.3, Nikoloyamskaya, Moscow, 109240, Russia; +7 495 727 09 39, fax +7 495 727 09 39; opereladova@wwf.ru</b>				
<b>Duration of project:</b>	from __02.2010__ to -03.2010_			
<b>Location(s) of main activity: Kalmykia, Astrakhan oblast, Russia</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input checked="" type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			

For each box ticked, please provide brief details in the project summary box below	
<b>Project Summary:</b> saiga couldn't have access to the food resources in its usual winter habitats because of "dzut" – ice crust covering huge areas; groups of animals migrated to the south – to unprotected areas, and a serious threat of poaching was registered. Targeted funding was provided for fuel/spare details/field costs for the existing antipoaching teams for patrolling.	
<b>Planned Activities:</b> ???	
<b>Achievements to date:</b> mass poaching prevented in the sites of new saiga migrations caused by ecological disaster in the usual seasonal habitats	
<b>Reports / Publications / Information material:</b> News on WWF Russia site	
<b>Collaborators:</b> "Stepnoi" sanctuary, NGO "Nash Krai"	
<b>Budget available:</b> 8 000 USD	
<b>Current sponsors:</b> Private Russian donors	
<b>Past sponsors:</b> No	
<b>Information contributed by:</b> Olga Pereladova, the head of WWF Central Asian programme/ungulate species expert	
<b>Date report submitted:</b>	<u>30/ 07/2010</u> dd/mm/yyyy
<b>Other:</b>	



## PROJECTS REPORTING TEMPLATE FOR SAIGA-RELATED ACTIVITIES

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<b>Project: Preparation of an Action Plan on Russian saiga population conservation and restoration .</b>				
<b>Country:</b>	China	<input type="checkbox"/>	Turkmenistan	<input type="checkbox"/>
	Kazakhstan	<input type="checkbox"/>	Uzbekistan	<input type="checkbox"/>
	Mongolia	<input type="checkbox"/>	International	<input type="checkbox"/>
	Russia	<input checked="" type="checkbox"/>		
<b>Organisation / Contact details: WWF Russia, 19., bd.3, Nikoloyamskaya, Moscow, 109240, Russia; +7 495 727 09 39, fax +7 495 727 09 39; opereladova@wwf.ru</b>				
<b>Duration of project:</b>	from __03.2010__ to -12.2010_			
<b>Location(s) of main activity: Kalmykia, Astrakhan oblast, Russia</b>				
<b>Sub-species:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Areas of work:</b>				
Anti-poaching	<input type="checkbox"/>	Habitat restoration	<input type="checkbox"/>	
Population monitoring	<input type="checkbox"/>	Protected area management	<input type="checkbox"/>	
Ecological research	<input type="checkbox"/>	Training & capacity-building	<input type="checkbox"/>	
Education and awareness	<input type="checkbox"/>	Law enforcement	<input checked="" type="checkbox"/>	
Alternative livelihoods	<input type="checkbox"/>	Trade issues	<input type="checkbox"/>	
Socio-economic research	<input type="checkbox"/>	Captive breeding	<input type="checkbox"/>	
Range mapping	<input type="checkbox"/>	Reintroduction/release	<input type="checkbox"/>	
Habitat research	<input type="checkbox"/>			

For each box ticked, please provide brief details in the project summary box below	
<b>Project Summary:</b>	On the base of International Saiga conservation Action Plan and taking into consideration recent conditions in the region a detailed Action plan for the Russian population conservation/restoration is in process of development.
<b>Planned Activities:</b>	Evaluation/editing of the draft by a wide range of stakeholders; adoption/approval of the Plan by the Russian Ministry of nature conservation
<b>Achievements to date:</b>	draft of the Action plan prepared and widely distributed
<b>Reports / Publications / Information material:</b>	Draft of the Action Plan
<b>Collaborators:</b>	wide range of various stakeholders in Kalmikia, Astrakhan region and surrounding territories, on the Federal level.
<b>Budget available:</b>	No
<b>Current sponsors:</b>	No
<b>Past sponsors:</b>	No
<b>Information contributed by:</b>	Olga Pereladova, the head of WWF Central Asian programme/ungulate species expert
<b>Date report submitted:</b>	<u>30/ 07/2010</u> dd/mm/yyyy
<b>Other:</b>	

## ФОРМА ОТЧЁТА О ПРОЕКТАХ МЕРОПРИЯТИЙ ПО СОХРАНЕНИЮ САЙГАКА

Настоящая форма отчёта разработана с целью сведения воедино информации о реализации правительственными и неправительственными организациями проектов сохранения и устойчивого использования сайгака. Информация будет сводиться в регулярно обновляемую таблицу и станет предметом обсуждения на последующих совещаниях участников подписания Меморандума о взаимопонимании в вопросах сохранения, восстановления и устойчивого использования Антилопы сайги. Информация будет использована в целях: (1) мониторинга реализации Меморандума о взаимопонимании и Плана мероприятий по сохранению, восстановлению и устойчивому использованию Антилопы сайги (*Saiga tatarica tatarica*); (2) информационного обмена между странами ареала обитания сайгака и оказания помощи в плане выработки необходимых дальнейших мер; а также (3) оказания помощи в реализации решений 13.27-13.35 принятых Конференциями сторон Конвенции по международной торговле видами дикой флоры и фауны, находящимися под угрозой исчезновения (CITES).

Просим заполнить соответствующие разделы и **представить в Секретариат Боннской конвенции по сохранению мигрирующих видов диких животных.**

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<b>Проект Центра редких животных европейских степей Ассоциации «Живая природа степи»:</b> <i>Изучение и разработка технологических, кормовых и других механизмов разведения сайгаков в неволе, увеличение их поголовья, частичный выпуск в природу и передача в другие питомники и зоопарки, природоохранное просвещение и экологическое образование.</i> <i>Совместно с биосферным резерватом «Ростовский» Ассоциация «Живая природа степи» занимается сохранением и исследованием сайгака во время миграций в Ростовскую область</i>				
<b>Страна:</b>	Китай	<input type="checkbox"/>	Туркменистан	<input type="checkbox"/>
	Казахстан	<input type="checkbox"/>	Узбекистан	<input type="checkbox"/>
	Монголия	<input type="checkbox"/>	Международный проект	<input type="checkbox"/>
	Россия	<input checked="" type="checkbox"/>		
<b>Организация / контактная информация:</b> <i>Центра редких животных европейских степей Ассоциации «Живая природа степи» (хутор Кундрюченский и пос. Маныч Орловского района Ростовской области. Адрес Ассоциации: 344011, г. Ростов-на-Дону, ул.Тельмана, 10, Ассоциация «Живая природа степи», тел./факс (863)290-71-57, eco@aanet.ru</i>				
<b>Срок реализации проекта:</b> начало – 2004 г. завершение – 2015 г.				
<b>Место (места) проведения основных мероприятий:</b> <i>хутор Кундрюченский, пос. Маныч Орловского района Ростовской области, биосферный резерват «Ростовский» и его охранный зона</i>				
<b>Подвиды:</b>	<i>Saiga tatarica tatarica</i>	<input checked="" type="checkbox"/>		
	<i>Saiga tatarica mongolica</i>	<input type="checkbox"/>		
<b>Сферы деятельности:</b>				
Борьба с браконьерством	<input checked="" type="checkbox"/>	Восстановление среды обитания	<input checked="" type="checkbox"/>	
Мониторинг популяции	<input checked="" type="checkbox"/>	Управление охраняемыми территориями	<input checked="" type="checkbox"/>	
Экологические исследования	<input checked="" type="checkbox"/>	Подготовка и создание возможностей	<input checked="" type="checkbox"/>	
Образование и просвещение	<input checked="" type="checkbox"/>	Обеспечение правопорядка	<input checked="" type="checkbox"/>	

Альтернативные средства существования	<input checked="" type="checkbox"/>	Вопросы торговли	<input checked="" type="checkbox"/>
Социально-экономические исследования	<input type="checkbox"/>	Разведение в неволе	<input checked="" type="checkbox"/>
Картирование ареала	<input type="checkbox"/>	Реинтродукция/	
Исследования среды обитания	<input checked="" type="checkbox"/>	выпуск в природу	<input checked="" type="checkbox"/>
В графе «Краткое описание проекта» (см. ниже) просим привести краткое описание каждой отмеченной галочкой сферы деятельности			
<p><b>Краткое описание проекта:</b> Сайгак из Калмыкии в летние месяцы периодически заходит на охраняемые территории в маньчжурские степи, где инспектора Ассоциации «Живая природа степи» и биосферного резервата занимаются борьбой с браконьерством, мониторингом, экологическими исследованиями, образованием и просвещением, восстановлением среды, управлением охраняемых территорий, обеспечением правопорядка, изучением среды обитания сайгаков. В вольерах Центра редких животных европейских степей сотрудники, студенты, научные работники Ассоциации, Южного федерального университета и других организаций занимаются мониторингом, экологическими исследованиями, восстановлением среды, управлением территорией питомника, подготовкой и созданием возможностей для оптимального обитания животных, альтернативными средствами существования и разведения в неволе (вольерное содержание и разведение), исследованиями среды обитания. Исследуются вопросы реинтродукции, выпуска в природу и торговли. Большое внимание Ассоциация уделяет экологическому образованию и просвещению (ежегодные выпуски карманных, настольных и настенных календарей, буклетов, проведение областных выставок и конкурсов школьников, экскурсии в Центре и естественную степь для сотен школьников и экологических туристов, выступления в региональных, федеральных и международных СМИ и т.д., где основным объектом является сайгак)</p>			
<p><b>Запланированные мероприятия:</b> Дальнейшие исследования и работы по улучшению условий обитания сайгаков в вольерах, расширение территории питомника и увеличение поголовья «ручных» животных, передача части особей в другие питомники и зоопарки, выпуск в природу</p>			
<p><b>Результаты на данный момент:</b> На основании изучения мирового опыта содержания сайгаков в зоопарках и питомниках, исследований и экспериментов Центра создана сеть вольеров для содержания и воспитания «ручных» сайгаков, отработан режим кормления молодняка и взрослых особей, животные ежегодно успешно размножаются и до минимума сведена их смертность; поголовье сайгаков составляет около 70 особей.</p>			
<p><b>Отчёты / Публикации / Информационные материалы:</b> 1). Миноранский В.А. Животный мир Ростовской области (состав, значение, сохранение разнообразия). Ростов н/Д: Изд-во ООО «ЦВВР», 2002. 360 с. 2). Миноранский В.А., Чекин А.В. Государственный степной заповедник «Ростовский». Ростов н/Д: Изд-во «ЦВВР», 2003. 129 с. 3). Миноранский В.А. Сайга – Saiga tatarica Linnaeus, 1758 // Кр. книга Ростовс. обл. Т. 1.: Животные. Ростов н/Д, 2004. С. 320 – 321. 4). Миноранский В.А., Узденов А.М., Даньков В.И., Толчеева С.В. Ассоциация «Живая природа степи» – новая структура организации природоохранной деятельности // Известия вузов. Сев.-Кавк. регион. Естеств. науки. 2007. № 2. С.79 – 85. 5). Миноранский В.А., Должиков А.Г., Васильева И.А. Некоторые наблюдения над сайгаком (Saiga tatarica L.) в вольерах Ассоциации «Живая природа степи» // Известия вузов. Сев.-Кавк. регион. Естеств. науки. 2008. № 1. С. 86-91. 6). Миноранский В.А. Изменения в животном мире Маньчжурской долины в последние 50 лет // Степи Сев. Евразии: Мат. V междунар. симпоз. Оренбург. 2009. Т. 1. С. 97 – 100. 7). Миноранский В.А., Даньков В.И., Толчеева С.В., Должиков А.Н. Вольерное содержание и разведение сайгаков в «Центре редких животных европейских степей» Ассоциации «Живая природа степи» // Сб. матер. XXIX-го Междунар. конгресса биологов-охотоведов (Москва, 17-22 августа 2009</p>			

<p>2.). М.: Изд-во МАИ-Принт. 2009. Ч. 2. С. 250. 8). Миноранский В. Не дать сайгакам вымереть как мамонтам // Вечерний Ростов. 2009, № 205. 7 октября. 9). Миноранский В.А. Рогатая самка сайгака в «Центре редких животных европейских степей» // Saiga news. Зима 2009/10. Вып. 10. С. 15. 10). Миноранский В.А., Толчеева С.В. Опыт ассоциации «Живая природа степи» по содержанию сайгака (<i>Saiga tatarica</i> L.) в питомнике. Ростов н/Д, 2010. 38 с. 11). Миноранский В.А., Узденов А.М., Липкович А.Д., Даньков В.И., Толчеева С.В. Живая природа Маньчжурской долины. Ростов н/Д: ООО «Омега Паблишер», 2010. 304 с. 12). Миноранский В.А., Толчеева С.В. Вольерное содержание сайгака (<i>Saiga tatarica</i> L.). Ростов н/Д: Изд-во «Ковчег», 2010. – 288 с.</p>	
<p><b>Проект осуществляется совместно с (перечислить):</b> Биосферный резерват «Ростовский», Южный федеральный университет, Южный научный центр РАН, Башнефть-Юг, ТК Сервис-Юг, Агросоюз «Донской», ООО «Солнечное»</p>	
<p><b>Бюджет проекта:</b> Более 10 млн рублей.</p>	
<p><b>Нынешние спонсоры проекта:</b> Агросоюз «Донской», Башнефть-Юг, ОАО «Газпром», ТК Сервис-Юг, ООО «Солнечное»</p>	
<p><b>Предшествующие спонсоры проекта:</b> Агросоюз «Донской», Башнефть-Юг, ОАО «Газпром», ТК Сервис-Юг, ООО «Солнечное»</p>	
<p><b>Информация предоставлена:</b> Председателем Ассоциации «Живая природа степи», проф. В.А. Миноранским</p>	
<p><b>Дата представления отчёта:</b> 10.02.2010 г. день/месяц/год</p>	
<p><b>Прочее:</b></p>	