

ANNEX III. Management plan of the nominated property
“Deer stone Monuments and Related sites of Bronze Age”

ANNEX III

Accronyms and Abbreviations:

FPNCH	Foundation for the Protection of Natural and Cultural Heritage
GIS	Geographic Information System
ARC	Archaeological Research Center, National University of Mongolia
IA	Institute of Archaeology, Mongolian Academy of Sciences
ICOMOS	International Council on Monuments and Sites
IUCN	International Union of Conservation of Nature
MAS	Mongolian Academy of Sciences
MC	Ministry of Culture
MNCU	Mongolian National Commission for UNESCO
MNC WH	Mongolian National Committee for World Heritage
MESS	Ministry of Education, Science and Sport
MNET	Ministry of Nature, Environment and Tourism
MJ	Ministry of Justice
MH	Ministry of Health
MRT	Ministry of Road and Transport
NUM	National University of Mongolia
SPA	Special protected Area
UNESCO	United Nations’s Educational, Scientific and Cultural Organization
PA	Protection Administration (of World Heritage Property)
KT	Khoid Tamir
JA	Jargalantyn Am
UB	Urtyn Bulag
UÖ	Uushigiin Övör
OUV	Outstanding Universal Value
DS	Deer Stone
Aimag	Province
Soum	Local administration unit sub-ordinate to a province
Khirgisüür	Elaborated burial mounds and sacrificial altars

Annex. Management Plan for the property: Deer Stone Monuments and Related sites of Bronze Age

The elaboration and development of the Management Plan is based on the research materials, data and conclusions made during the response to the questionnaire prepared to fulfill the management requirements for the protection and preservation of the nominated component parts of the property.

In addition, the initial Management Plan was significantly improved with full consideration of the ICOMOS recommendations of its evaluation mission concerning the requirements of using a landscape management approach in elaborating the Management Plan.

It is considered that this Management Plan is fully compatible with the principles, requirements and criteria of the 1972 Convention Concerning the Protection of the World Cultural, Natural Heritage and the 2003 Convention for the Safeguarding of the Intangible Cultural Heritage.

The Management Plan represents the government policy on protection and preservation of these cultural heritage sites proposed for inscription to the World Heritage List. If the proposed properties are inscribed in the World Heritage List, the establishment of the Protection administration of the World heritage property will be the basis for its protection and preservation management activities and implementation of this Management Plan. All of these protection and preservation activities will be carried out in accordance with management plan for four properties, which are located within certain ranges from one another under the jurisdiction of their respective administrative units.

A. Long-term Objectives (2021-2030)

Long-term Objectives of the Management Plan cover activities to be implemented for the duration within 10 years and further.

The objectives and main directions of the Long-term Management Plan

Purpose

The long-term objectives of the management plan will be developed over a period of ten years. They will involve the articulation and implementation of measures for the overall protection, preservation, scientific and public use of the properties so that this world heritage will be preserved for following generations. It is intended that this management plan could serve as a model for deer stone and khirgisüür complex sites across Mongolia and particularly within valley of rivers and Altai-Khangai region, in Mongolia.

- Develop favorable legal frameworks for the protection of nominated deer stone and khirgisüür complexes of Mongolia and their associated cultural landscapes. In order to bring them into conformity with international World Heritage standards of protection and appropriate utilization, take relevant and consequent measures for the sustainability of the environment:

- The preservation and stabilization of adjacent forests, grazing lands, soil and water.
- Development of measures relating to mitigation of desertification and soil erosion as they affect the proposed properties.
- Development of measures regarding the prevention of wildfire.
- Call for the implementation of reforestation, appropriate grazing and wildlife protection.
- Make use of the established panel of stakeholders and local people (including governmental and non-governmental representatives) and organize an annual meeting in order to review policies, opportunities, and problems relating to the on-going protection management of these sites.
- Safeguard, sustain and develop the region's pastoral, herding life-style, and its unique traditions, customs, beliefs and rituals of worshipping sacred sites, perfected and transmitted for centuries and reflected in the proposed properties.
- Establish guidelines for the sustainability of the traditional nomadic life style and utilization of modern technology in ways that will not adversely affect the proposed properties.
- Develop social, education and health services that will support the local populations and herders so as to help ensure the continuity of their traditional life styles.
- Develop information, educational and infrastructure services for tourism.
 - Work with existing tourist organizations and their professional groups in order to develop activities appropriate to use of world heritage sites as tourist attractions.
 - Develop recommended routes for tourists and clear instructions to tourists and tour leaders regarding the appropriate ways of enjoying the world heritage sites.

Main Operational Directions

Below are some of the long-term activities related to protection and preservation, conducting in-depth research, dissemination, restoration, creation and utilisation of the nominated cultural heritage properties.

- To establish the legal environment for preserving and protecting OUV of nominated sites in compliance with international standards, principles and requirements for the preservation and protection of world heritage sites.
- To implement a comprehensive policy and program to prevent all risks associated with climate change, development programs, tourism and human activities that affect the OUV and integrity of nominated properties.
- To conduct further research to take appropriate measures in the area of protective and buffer zones, in order to take precautions against concentration of herding families and livestock, desertification due to over pasture, and as well as, against manufacturing, mining and cultivation activities, and create favorable conditions to only be used as objects for educational, research, worshipping activities and as a tourist destination.
- To safeguard, revive and support traditional lifestyle, intangible cultural heritage, customs and rituals of nomadic herders in the area, as well as introduce modern advanced technologies without adverse effects.

- Take necessary long-term activities for protection and conservation of OUV of nominated complex heritage sites and monuments.
- To organize and ensure that education, culture and health services provided to the communities to keep the traditional lifestyle of local people and herders in line and consistency with their nomadic culture and lifestyle.
- To improve capacity of tourist camps and resorts and solve the issues related to creating modern infrastructure such as roads, electricity and telecommunication and to develop tourism in compliance with international standards and, most importantly, to develop a nomadic culture and ecology based tourism.
- To promote community's involvement in conservation and preservation of proposed properties, and support volunteers and partnerships.
- Review annual progress on the implementation of World Heritage Site Management Plan, its achievements, opportunities and challenges, and evaluate them on an annual basis and incorporate in to mid-term and annual plans.

B. Mid-term Objectives (2021-2025)

The objectives and directions of the Mid-term Management Plan

Mid-term Objectives of the Management Plan cover activities to be implemented within 5 years. Its closest and main objective is to establish the Protection Administration of WH sites that will implement a Management Plan.

Ministry of Education, Science and Sport, the Ministry of Culture and the Ministry of Nature, Environment and Tourism, the Institute of Archaeology of the Mongolian Academy of Sciences, the Mongolian National Commission for UNESCO, the UNESCO Accredited NGO - Foundation for the Protection of Natural and Cultural Heritage, Mongolian National Commission for World Heritage, the Protection Administration, local governmental and non-governmental organizations will take active participation in implementing the Management Plan.

Protection Administration of World Heritage Site is responsible for the followings.

- To study, plan and implement all the activities related to the preservation, protection, restoration, research, information presentation and utilization of the proposed World Heritage sites and coordinate efforts of the above mentioned organizations.
- To support the participation of local people and communities in protection and safeguarding of the properties, to employ them as guardians and to form and support volunteer groups.

Mid-term Management Plan

Natural Disaster Prevention Management

Activities	Responsible Body	Period
Study earthquake risks and take measures to ensure that the properties can survive the earthquake.	MC, MESS, MNET	2021-2025
Prepare and implement a risk Management Plan	MNET, MC	2022-2025

Local administration is to ensure the readiness of local residents, developing and implementing emergency response measures and training for preventing natural disaster.	Soum Governor's Office, National Emergency Management Agency	2021-2025
Take measures to combat desertification and sand movement in areas of the nominated sites.	MNET, Soum and Provincial Governor's Office	2021-2025
Protect against pollution, prevent and take measures from drying up of springs, and ponds.	MNET, Soum Governor's Office	2021-2025

Protection and preservation of nominated sites and monuments

Activities	Responsible Body	Period
To provide a landscape management approach for protection of nominated property	MC, Provincial Governor's Office	2022
To establish legal environment to prohibit activities for industrial purposes near and within nominated sites such as mining, mining exploration and cultivation.	MNET, MJIA, Provincial Governor's Office	2022-2025
Take necessary measures to provide favourable legal protection to the component parts of the nominated property.	MC, MNET, MJIA, Provincial Governor's Office, Soum Governor's Office	2022-2025
To take measures to alter and close some local roads close to nominated sites.	Provincial Governor's Office	2022-2024
To retrieve and restore broken parts of the deer stone statues, and to create a replicated model copy from deer stone statues of specific scientific and artistic significance, create 3D scanners and store them in digital form in the National Center of cultural heritage.	MESS, MC, NCCH and local authorities	2022-2025

To relocate herders' residing locations and livestock migratory routes away from heritage sites, and to compensate herders and herder families designated as guardians of the heritage sites.	Soum Governor's Office	2022-2024
To fence around cultural heritage site in compliance with applicable standards and regulations to prevent the influx of people and livestock animals.	Provincial Soum's Governor's Office	2022-2023
To place visible plates or boards, visual images and memoirs that acknowledge the World Heritage Site with description of Outstanding Universal Value.	MC, NCCH	2022-2023
Some of the stone monuments of essential special significance may be stored in provincial and local museums replacing them with replicated models.		2022-2025
The herder families who permanently reside in seasonal (winter, spring, summer and autumn) shelters, their livestock animals in the vicinity of the heritage protection boundaries, their population concentration to be calculated in annually and take necessary measures against over population.	MFALI, Provincial Governor's Office, Soum Governor's Office	2022-2024
To take additional conservation measures in the framework of national Programm of protection of stone heritage of Mongolia.	MC, NCCH	2022-2025
Take appropriate measures for re-erection of DSs using a robust methodology consistent with best conservation practice.	MC, NCCH	2022-2023
Take and implement measures to raise the awareness and understanding of intangible cultural heritage elements, rituals and customs associated with heritage sites among local communities and youth through introduction of special programs in general education schools and institutions of soums concerned.	MC, MESS, Provincial Governor's Office, Soum Governor's Office	2022-2025
Monitor, inspect and evaluate on a regular basis how social and natural factors impact on the heritage properties (such as cracks, contamination, and degradation) giving emphasis to the actual state of conservation of the identified attributes.	MC, MESS, NCCH, Provincial Governor's Office	Annually
To establish a timetable for the removal of the remnant machinery of the disused coal mine in the buffer zone of the KT, and implement it.	MC, MNET, Provincial	2022-2025

	Governor's Office	
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Research works

To collect information on results of research, monitoring and evaluation of nominated heritage sites, set up a unified registration database, and create a special website	PA, NCCH, IA	2022-2025
To conduct comprehensive research to protect and sustain the environment, ecology and biodiversity of the heritage sites	MNET, MAS, PA	2022-2025
To conduct the additional scientific survey and documentation work including the important elements in the landscape setting.	MAS, MC, PA, NCCH	2022-2023
To conduct research and identify appropriate measures for safeguarding, revitalizing and developing intangible cultural heritage, traditional knowledge and skills of local nomadic communities and herders.	MC, MAS, PA	2022-2025
To conduct digital imaging analysis (DIA) and the Rebound Hardness Test (RHT) on proposed properties, as well as damage and pollution surveys, and maintain a storage card.	MAS, NCCH, PA	2022-2025
To conduct risk preventative and qualitative research and analysis in areas of the nominated heritage properties and to identify and mitigate the natural and human factors that affect them.	MESS, NCCH, PA	2022-2024
To carry out a baseline assessment on deer stone and khirgisüür complexes by fixing their current actual state, degree of degradation and/or depreciation.	MECSS, NCCH	2019-2023

Raising awareness on nominated sites through education, training, information and advertisement

Activities	Responsible Body	Period
To organize regular workshops and seminars, national and international conferences on management issues of the sites involving foreign and local researchers, experts, policymakers, relevant local governmental and non-governmental organizations, private entities and individuals, including local people.	MNCU, MNCWH, MAS, NCCH, FPNCH, PA	2022-2025

To involve local secondary schools in UNESCO Associated Schools Network and UNESCO Clubs and Associations.	MNCU, MNCWH, PA	2022-2024
To introduce the "World Heritage in Youth Hands" UNESCO program and incorporate WH education in all schools in Ikhtamir, Öndör-Ulaan and Bürentogtokh soums, and to organize a World Heritage Education special training program among local communities with aims to raise the awareness on significance of nominated heritage sites.	MESS, MNC for UNESCO, PA, MNCWH, FPNCH	2022-2025
To conduct regular public awareness activities on heritage sites through publications and broadcasting shows, films and documentaries and mass Mongolia.	MNC for UNESCO, MNCWH, MAS, NCCH, PA	2022-2025
To conduct regular activities to increase the awareness of local communities, children and youth regarding the Outstanding Universal Value of the World heritage sites, its preservation and protection, local community participation, their roles and responsibilities.	MNCWH, PA, Provincial and Soum's Governor's Office	2022-2025
To create a World Heritage Education Hall at schools around and near to WHSs and organize the World Heritage Education training.	MNC for UNESCO, Mongolian National Federation of UNESCO Clubs and Associations (MNFUCA), Soum's Governor's offices	2022-2023
To establish a World Heritage Sites database and link it to the World and Regional World Heritage networks and integrate it to the website of NCCH.	MNC for UNESCO, MNCWH, NCCH, PA	2022-2025
To establish a training base for deer stone and khirgisüür complex sites to be a branch of MAS's Institute of Archeology, enable and activate the exciting training camp in Ikhtamir soum, Arkhangai province.	MNCWH, MAS, IA, PA	2022-2024

To create favorable living and working conditions for national and international scientists, experts and for the field expeditions within nominated sites.	MAS, Provincial Governor's Offices	2022-2025
Create and disseminate audio-visual documentation materials on nominated properties.	MNCWH, MNCU, PA, IA	2022-2025
To regularly publicize information material on Deer Stone Statues and other monuments in English and Mongolian.	MNCWH, MAS, IA, PA	
Establish an open-air museum of deer stone and khirgisüür complexes of WHS.	MESS, MNCWH, MC, PA	2022-2028
To provide integrated management of Protection Administration through communication network, information centers at heritage sites, and organize joint workshops.	MC, PA	2022-2025

Measures for providing local social services

Activities	Responsible Body	Period
<p>Implement a set of appropriate measures to support the livelihoods of local communities based on their social and economic needs.</p> <ul style="list-style-type: none"> - Establish a mobile telecommunications infrastructure that can be accessed across the nominated areas; - Provide mobile infrastructure for remote access to the Internet; - Organize a mobile information and education centers among herders and local communities on a regular basis; - Provide mobile home solar and wind generators to all herding families, enabling them to use modern technologies such as refrigerators, freezers and washing machines and etc; - Enable local communities to produce and utilize smoke-free briquettes for decreasing air pollution. 	Government of Mongolia, Soum and Provincial Governor's Offices	2022-2030
In connection with increasing population and tourism development, improve conditions of schools, hospitals and other service facilitations within the vicinity of world heritage sites. In connection with demographic changes of local population, if necessary, to address the issue of constructing new schools, kindergartens and hospitals, and so on.	MECSS, MNET, Soum and Provincial Governor's Offices	2022-2030

Development of Tourism

Activities	Responsible Body	Period
To prepare and implement a tourism development plan	MNET, MC, PA	2022-2025
To provide an appropriate legal environment to establish new tourist camps, hotels and service establishments in compliance with World Heritage Sites requirements.	MNET, MECSS, Provincial Governor's Office	2022-2025
To develop quality standards and certification procedures to improve the quality of tourism services.	MNET	2022-2025
To establish the information and services center for tourists and provide a permanent operation.	MNET, MC, PA, Provincial Governor's Offices	2022-2025
To establish tourism and recreational routes within the nominated heritage sites.	MNET, Provincial Governor's Offices	2022-2023
To conduct regular routine trainings of World Heritage Education for tourism organization, staff, specialists, guides, interpreters and citizens operating within the heritage site areas.	MESS, MNET, MC, MNCU, PA	2022-2025
To identify other cultural heritage sites around nominated component parts of the property, develop a policy to create a cultural space associated with the nomadic culture, and integrate it with the tourism policy of Mongolia.	MECSS, MNET	2022-2025

Implementation of a Management Plan for the nominated property

To create a legal environment that meets the requirements of world heritage sites of the nominated property "Deer Stone Monuments and related sites of Bronze Age".	MNET, MC, MJ, MNCWH, PA	2022-2024
To take urgent measures to strengthen the Mongolian National Committee for World Heritage in terms of staffing and financing.	MESS, MC MNC for UNESCO	2022-2024
To establish a Protection Administration responsible for preservation, protection, revitalization, research and	MC, MESS, MNCWH	2022-2023

information dissemination of the proposed world heritage property “Deer Stone Monuments and related sites of Bronze Age”.		
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