



**United Nations Development Programme
Country: Turkmenistan
Annual Work Plan 2023**



Project title:	Conservation and Sustainable Management of Land Resources and High Nature Value Ecosystems in the Aral Sea Basin for Multiple Benefits.
UN SCDF Outcome(s):	Outcome 3: By 2025, there is effective design and implementation of disaster risk reduction and climate adaptation and mitigation measures, enabling a more rational use of resources, increased resilience, and a ‘green’ economy transition.
Expected CP Outcome Indicator(s):	<p>Indicator 3.1 Number of gender sensitive adaptation and mitigation measures implemented and scaled up.</p> <p>Indicator 3.2 Extent to which knowledge products for sustainable development (including climate change education) are included in national education curricula, teacher education, and student assessment as well as media and other public information dissemination tools.</p> <p>Indicator 3.3 Number of nationwide, sectoral, or community-based plans, investments and/or measures implemented for the sustainable and integrated management of land, water, biological diversity, energy, and other natural resources that take into account gender aspects.</p>
Expected CP Output(s):	<p>Output 3.1 Policy and regulatory framework is strengthened to facilitate climate change adaptation and mitigation, disaster risk reduction and monitoring mechanisms.</p> <p>Output 3.2 Green economy, climate and disaster risk</p>
	<p>reduction awareness and knowledge are increased through educational programmes.</p> <p>Output 3.3 Strategic plans and investments are designed and implemented to promote water efficiency, sustainable land use, conservation of biodiversity, ecosystem</p>

	management, restoration of degraded lands, disaster risk reduction.
Implementing partner:	Ministry of Agriculture and Environment Protection.
Responsible party:	“Ynamly Kepil” Individual Enterprises.
Development Partners:	UNDP; State Committee for Water Resources; Ministry of Economy and Finance of Turkmenistan (Central Bank of Turkmenistan); State Committee on Statistics; Ministry of Adalat of Turkmenistan; Mejlis Milli Gengesh of Turkmenistan; Velayat Hyakimliks of Dashoguz and Lebap provinces; International Fund on Aral saving (IFAS); International Committee on Sustainable Development (ICSD); Academy of Science of Turkmenistan; Turkmen State Agriculture Institute in Dashoguz; Turkmen State Agriculture University named after S.Niyazova Hyakimliks of Deynau and Darganata; Ruhubelent and S.Turkmenbashy districts; Local authorities; Union of Industrialists and Entrepreneurs of Turkmenistan (UIET); Local communities, including NGOs.

Brief Description

The project aims to support the Government of Turkmenistan to achieve results within the framework of the Land Degradation Neutrality Concept, which is key in promoting a range of measures such as planning, regulation and sustainable land management that need to be included in the national framework programs. The project activities will be focused on establishing a national and regional targets of Land Degradation Neutrality, and by follow up development of a mechanism for monitoring their implementation and achievement, as well as focusing on the restoration and efficient use of land

and water resources; and biodiversity conservation in the Amudarya basin in Turkmenistan to increase resilience and reduce vulnerability to climate change of local communities and globally significant ecosystems.

Programme period:	Country 2021-2025	Programme	Total allocated resources:	\$1,221,500.58
Project Title:	Conservation and Sustainable Management of Land Resources and High Nature Value Ecosystems in the Aral Sea Basin for Multiple Benefits		• GEF	\$1,221,500.58
Start date:	<u>01/01/2023</u>			
End date:	<u>31/12/2023</u>			

Agreed: _____



Ministry of Agriculture and Environment Protection.

Date: 27.02.2023

Agreed: _____



United Nations Development Programme

Date: 27.02.2023



ANNUAL PROJECT PLAN

Conservation and Sustainable Management of Land Resources and High Nature Value Ecosystems in the Aral Sea Basin for Multiple Benefits

Period	01.01.2023 - 31.12.2023
Budget	\$1.221.500,58
Source of funds	GEF, UNDP
Implementing Agency	Ministry of Agriculture and "Ynamby -Kepi" Individual Responsible Party

Outcome I: Promoting Land Degradation Neutrality									
Targeted indicators by the end of the project:									
<i>Output I.1 Development of integrated landscape plans in the context of LDN principles for 760,000 ha of production landscape.</i>									
<i>Output I.2 Investment in community-based restoration of degraded arable and forest lands in 2 provinces on the area of 10 ha</i>									
<i>Output I.3 Efficient water management of irrigated land in 4 priority districts</i>									
<i>Output I.4 Introduction of sustainable pasture management regimes in 4 priority areas on the territory of 50,000 ha and increase of livestock productivity for local communities</i>									

	Minimum two working meetings with the SCWR and MAEP, Agriculture Institutes and Academy of Science to support stakeholders' participation in LDN target setting and integrated land use planning			Project Specialists, PM, IC, ITA	72400		\$8 500,00
f	Round table with project partners and UN agencies to identify approaches and methods for assessing land degradation neutrality within the broader sustainable development agenda (SDGs and national programs)			Responsible Party, Project team, MAEP, UN CO	74200		\$4 600,00
Activity 11.2 Set up a coordinating platform for LDN work							
a	Support institutional coordination and inter-sectorial cooperation by bringing stakeholders together to develop the Road Map on achieving the LDN National Targets. Organization of 2 project Board Meetings			Project Specialists, PM, IFAS, MAEP, ITA, Project Partners	71400		\$5 390,14
b	Conducting a baseline analysis for the LDN targets setting, identifying the main drivers of land degradation and biodiversity loss (by national consultants on Landscape, Soil specialist and GIS Specialist)			Responsible party, Project Specialists, PM, ITA	75700		\$7 500,00
c	Cooperation with relevant national and international initiatives (USAID, GIZ, CAREC, FAO, UN Agencies, international platforms) to support Government in developing National and Regional LDN Targets			Project Team	71600		\$9 200,00
d	Involvement of a National Consultant to integrate the National LDN targets to the National Strategy and Action Plan on Combat Desertification in cooperation with UNCCD			Responsible party, Project Specialists, PM, ITA	71300		\$5 360,00
e	Development a Road Map to establish of National and Regional LDN targets in cooperation with key stakeholders (by IC on 1.1.1b and 1.4.2a). Organisation Round Tables for discussion/improving understanding			Responsible party, Project Specialists, PM, ITA	71200		\$14 000,00
Activity 11.3 Mainstream LDN into policy framework							
a	Analysis of the legal framework and institutional structure of LDN, including an analysis of the existing pasture lease mechanism (by national consultant)			Responsible party, Project Specialists, PM, ITA	71400		\$12 963,42
b	Provide support for the development/updating of the Action Plan to Combat Desertification to incorporate the results of the project into the process of setting regional LDN targets; integrated land-use planning in a LDN context based on GIs			Responsible party, Project Specialists, PM, ITA	71300		\$6 000,00
c	Organization the Round Tables with key stakeholders to mainstream LDN into the national policy framework			Responsible party, Project Specialists, PM, ITA, MAEP	75700		\$4 600,00
Activity 11.4 LDN target setting at regional level, in Dashoguz and Leleap provinces							
	Working meetings with the project team and project partners (local RP, Project specialists,			RP, Project specialists,	74200		\$2 000,00

a	khyatimiks, land resources departments, monitoring departments, etc.).			Field Coordinators, Project Partners	75700	\$3 000,00	
b	Identify several "LDN hot spots" to be prioritized for further action within the project		PSs, FCs, Project Partners	71400		\$6 216,00	
c	Conducting an assessment of the capacity of the existing agrochemical laboratories to analyze and monitor LDN indicators; available soil assessment methodologies.		Responsible party, Project Specialists, PM, ITA, MAEP	71300	\$4 500,00		
d	Procurement of equipment to strengthen the agro-chemical laboratory of MAEP.		RP, PSs, Field Coordinators, Project Partners	72200		\$35 000,00	
e	Regular field visits to the project pilot regions		PSs, Field Coordinators	72100		\$40 000,00	
						\$4 600,00	
Activity 11.5 Integrated land use planning in Dashoguz and Lebap							
a	Organisation of meetings/Round Tables with local authorities to introduce the subject of LDN in synergy of Land Use Plans		Responsible party, Project specialists, Field Coordinators, Project Partners	75700	\$3 000,00		
c	Conducting research on innovative tools on Land Use Planning		RP, PSs, FCs, Project Partners	71600		\$4 600,00	
						\$4 800,00	
Activity 12.1 Restoration of 4,700 ha degraded irrigated areas							
a	Development an Action plan for the restoration of degraded irrigated lands		Project Specialists, Field Coordinators	71400		\$1 796,71	
b	Field missions and meetings with local authorities and partners		PSs, Field Coordinators, MAEP	71600		\$4 600,00	
c	Procurement of equipment for restoration of degraded lands, taking into account the identified indicators of LDN, based on an innovative practices.		Project specialists, Project Field Coordinators, Project Partners	72300	\$16 000,00		
				72100		\$60 000,00	
Activity 12.2 Restoration of 5,700 degraded saxaul desert forest							
a	Development an action plan for ecosystem restoration in the context of biodiversity conservation around KBA, demonstrating innovative and energy-saving technologies		Project Specialists, PM, Field Coordinators	71400		\$6 216,00	
b	Meeting with local authorities and project partners to agree the pilot regions in two velayats validated by expert mapping and georeferenced data		Project Team, Project Partners, MAEP, Field Coordinators	75700		\$4 600,00	
c	Providing support to the setting up of a native saxaul nursery, procurement of biological materials and partially off-setting the watering costs		Field Coordinators	72100	\$14 000,00		
				72300	\$18 000,00		
Activity 12.3 Restoration of 300 ha of tugai forest							
a	Analysis of the legal and institutional framework on forest land use. Develop TOR and initiate the hiring process of a local expert to analyse the legal and institutional framework of forest land using Joint 1.1.3a and 1.4.1b)		Responsible Party, Project Specialists, PM, National Consultant	71300	\$8 000,00		

	b	Development of an action plan for the restoration of tugai forests in the Lebap region based on the principles of LDN by returning 300 hectares of tugai forests allocated for agriculture to the forest fund.	Project Specialist, State Forest Fund and Arnudarya State Nature Reserve staff	71300	\$4 000,00
	c	Working meeting with lesboz to discuss issue on restoration of 300 ha of degraded land in Lebap province as one of the "LDN hot spot"	Field Coordinators	72500	\$1 200,00
Output 1.3 Efficient water management of irrigated land in four priority districts, including: maintenance of water management infrastructure, operationalization of multi-stakeholder Water User Groups (involving local communities), introduction of best practice in irrigation technologies.					
	a	Conducting two working meetings, as well as consultations, field trips and other necessary activities in order to create local steering committees (LSCs) and coordinate / consolidate with local authorities the territories of pilot sites for the project period. ToR for LSCs is developed	Responsible Party, Project specialists, Project Team, MAEP, Water committee, Local administrations	75700	\$5 400,00
	b	Carrying out a comprehensive assessment of existing problems in the field of land and water resources, including an assessment of climate risks and impacts in the four pilot regions (Joint with 1.1, i.e., 1.4.1a)	Project specialists, MAET, SCWR, Field Coordinators	71600	\$4 600,00
	c	Development of a Road map on integrated water resources management on 100,000 ha of irrigated land in target areas	Project specialists, SCWR, Field Coordinators, ITA	72100	\$12 000,00
	d	Study tour to Uzbekistan with the aim to study of production experience, data collection, applications used, available methodologies for assessing climate and other risks, etc.	Project Specialists, PM, Field Coordinators	71400	\$12 963,42
	e	Conducting workshops, farmer field schools and consultations to disseminate the experience of the project and the results of the study tour	Responsible Party, Project Team, Field Coordinators	72500	\$1 600,00
				74200	\$2 400,00
				75700	\$4 000,00
Activity 1.3.2 Set up, train and operationalize 4 WUGs					
	a	Development an Action Plan on the creation of a water user group in the Dianey project region	Project specialists, Field Coordinators, ITA	71400	\$12 963,42
	b	Conducting an analysis of the possible risks of the WUG creation and its subsequent operation. Conducting farmer field school, trainings and working meetings/consultations with local water management organizations and authorities, farms to create a water user group (WUG)	Responsible Party, Project Specialisits, MAEP,SCWR, Local administrations	75700 72500 71300	\$3 000,00 \$2 000,00 \$4 000,00
Activity 1.3.3 Demonstrate best practices in irrigation technology and horticulture measures					
	a	Determination of criteria for selection of pilot sites, including 2 demonstration plots to ensure sustainability	Project Specialists, ITA	71600	\$4 600,00
	b	Conducting an assessment of the effectiveness of adaptation techniques previously used in the framework of the project AF, UNDP, FAO,USAID and development of a technical recommendation for equipment/devices procurement	Project specialists, Responsible Party	71300	\$4 000,00
		Organization of a minimum 2 Workshops on horticulture and	Domesticat. D...	72500	\$1 600,00

existing PAs including improved management, and targeted investments; support to local tourism potential to facilitate additional income generation for local communities at targeted PAs; control over illegal activities	a	Set-up local advisory committees (People Councils) to facilitate consultations with local communities from surrounding villages	PS, PM, Responsible Party, Field Coordinators	71400	\$14 963,42
	b	Assistance in developing Management Plan and justification for creation new Nature reserves (by international consultant)	PS, PM, Responsible Party, National Consultant, PR, Field	71200	\$16 500,00
	c	Work with the Kaplankyr Reserve staff and jointly with the Department of Environmental Protection and Hydrometeorology to support species inventories	PS, PM, Responsible Party, Field Coordinators, MAEP	71300	\$5 000,00
	d	Identify appropriate buffer areas and properly delineate on the ground through signage and consultations with local communities	PS, PM, Responsible Party, Field Coordinators	71300	\$14 000,00
	Activity 21.2 Support to PA infrastructure and equipment for management, monitoring and conservation activities.				
	a	Based on the CADI project experience on the development of 5-year Management Plans for the Repeck and Kaplankyr reserves, develop a roadmap for the preparation of a similar plan for the Amudarya Reserve and its zakazniks	Project Specialist, PM, Responsible Party, National Consultant	71600	\$4 600,00
existing PAs including improved management, and targeted investments; support to local tourism potential to facilitate additional income generation for local communities at targeted PAs; control over illegal activities	b	Involving a specialised company and the local branches of the Nature Conservation Society to create and install info-boards/signage and train/raise awareness of local communities	PS, PM, Responsible Party, National Consultant, PR, FC	72100	\$6 216,00
	c	Procurement the operational IT equipment, GIS devices and field equipment for monitoring and conservation activities. Procurement of two vehicles	PS, PM, National Consultant, Field Coordinators, MAEP	72200	\$60 000,00
	d	To organize an aerial counting of ungulates and water birds in both State Nature Reserves and initiate work for the creation of transboundary migration corridors.	PS, PM, Responsible Party, National Consultant, FC	72100	\$26 000,00
	e	Support for cross-border cooperation, including the organization of trips for the Turkmen delegation/experts to Kazakhstan and Uzbekistan	PS, PM, National Consultant, Field Coordinators, MAEP	72100	\$12 000,00
	f	Holding working meeting with project partners to discuss the developing Road Map, as well as to evaluate the effectiveness and gaps of the Management Plan	Project team, MAEP, National Consultant, RP, Field Coordinators	71400	\$7 186,85
	Activity 21.3 Delivery of trainings for the PAs and management authorities.				
existing PAs including improved management, and targeted investments; support to local tourism potential to facilitate additional income generation for local communities at targeted PAs; control over illegal activities	a	Conduct Training Needs Assessment (TNA) for PAS	Project team, MAEP, National Consultant RP	71300	\$4 000,00
	b	Providing as minimum two trainings to capacity building of Nature reserves staff and local communities	Project team, MAEP, NC, Field Coordinators	72400	\$2 560,00
	c	Translation of IUCN good practice guidelines in PAs management into local language	Project team, MAEP, NC, RP, Field Coordinators	72100	\$5 000,00
Activity 21.4 Delivering on eco-tourism potential					

EXPECTED OUTPUTS and indicators, including annual targets												PLANNED ACTIVITIES, including M&E to be undertaken during the year													
												2023													
												J F M A M J J A S O N D			Responsible party			Budget description			Amount covered by RP				
												a e n b r r y n j g p t v c	a e a p a u u e e o e	n b r r y n j g p t v c	PM, PO	PM, PO	PM, PO	71400	74596	74100	04000	62000	\$13 638 00	\$4 500 00	\$21 500 00
Project management costs	a	Manager and Assistant salary																							
	b	Direct cost																							
	c	Professional services																							
	d	Direct project costs - GOB																							
												Total Outcome 5:												\$51 023,68	
												71400-Contractual Services												37 385,68	
												74596-Services to Projects, GEF												\$13 638,00	
												Total GEF												\$51 023,68	

	RR	UNDP
Outcome 1	\$195 210,00	\$469 647,53
Outcome 2	\$102 150,00	\$20 955,69
Outcome 3	\$67 950,00	\$78 563,69
Outcome 4		\$6 000,00
Outcome 5		\$51 023,68
Total	\$365 310,00	\$856 190,58
Grand Total UNDP&RR		\$1 221 500,58

Ministry of Agriculture and Environmental Protection of Turkmenistan

UNDP in Turkmenistan

Agreed:

Agreed:

Abbreviations:	
CO -	UNDP Country Office
FC -	Field Coordinator
GIS -	Geo Information Technology
GEF -	Global Environment Facility
ITA -	International Chief Technical Advisor
IC -	International Consultant
ICSD -	Intergovernmental Commission on Sustainable Development
IFAS -	International Fund on Arable Saving
LDN -	Land degradation Neutrality
LSC -	Local Steering Committee
MAEP -	Ministry of Agriculture and Environmental Protection
M&E -	Monitoring and Evaluation

	MFA - Ministry of Foreign Affairs
	NGO - Non-governmental organizations
PM - Project Manager	
PS - Specialist of the Project	
PIU - UNDP Project Implementation Unit	
RP - Responsible Party	
SCWR - State Committee on Water Resources	
PT - Project Team	
PO - Program Officer	
UNRCCA - United Nations Regional Centre for Preventive Diplomacy for Central Asia	
WUG - Water users group	