

United Nations Development Programme



## Annual Work Plan 2023

UNDP Kazakhstan

**Project Title:** Conservation and Sustainable Management of Key Globally Important Ecosystems for Multiple Benefits  
**Project Number:** 101043  
**Implementing Partner:** Forestry and Wildlife Committee of the Ministry of Ecology and Natural Resources of the RK  
**Start Date:** April 16, 2018      **End Date:** October 15, 2024      **PAC Meeting date:** March 12, 2018

### Brief Project Description:

The Project is aimed to improve the conservation and management of forest resources and adjacent grassland, floodplain and desert ecosystems, which are valuable for biodiversity conservation, land resources and welfare of local communities. The Project also focuses on promoting the gender equality and women empowerment as relevant and possible within the Project. In this direction, the Project will address the challenges of sustainable use of natural resources by promoting innovative gender-responsible solutions based on improved capacity, new knowledge, new opportunities, increased participation of women in the development and implementation of effective methods and approaches of sustainable forest and rangeland management, etc.

The project strategy is to comprehensively address the issues of conservation and sustainable use of forest ecosystems in Kazakhstan by improving management approaches both within the system of protected areas (hereinafter - PAs) and in adjacent landscapes with a view to sustainable use of high conservation value forests (hereinafter - HCVFs).

To achieve the Project goal and reduce certain threats and barriers, the project structure involves 3 Components:

Component 1: Increasing the representativeness of globally important forest ecosystem biodiversity in the network of protected areas and improving the efficiency of management of protected areas

Component 2: Promoting the integration of forest protected areas in the landscape context by creating conditions for the effective regulation and management of globally important ecosystems.

Component 3: International cooperation and knowledge management.

Geographically, the target project areas coincide with the key biodiversity areas (KBA) identified in Kazakhstan, including the mountain, tugai and saxaul forests. The listed ecosystems, among which the mountain ecosystems are the main habitat of snow leopard, are forming part of 3 administrative oblasts, where the Project is planned to be implemented: East Kazakhstan oblast (mountain areas of Altai and Saur-Tarbagatai), Almaty oblast (Zhongar Alatau, Northern and Central Tien Shan, floodplain forests of the Charyn and Ili rivers, and Pribalkhash saxaul forests), and South Kazakhstan oblast (mountain ecosystems of Western Tien Shan and floodplain forests of SyrDarya river).

**Contributing Outcome (CPD 2021-2025):** 3.2. By 2025, all people in Kazakhstan, in particular the most vulnerable, benefit from increased climate resilience, sustainable management of environment and clean energy, and sustainable rural and urban development.

**Indicative Output(s) with gender marker:** GEN2

**Total resources required 2023:**

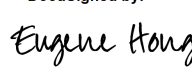
**1 929 017,0 USD**

**Total resources allocated:**

GEF

1 929 017,0 USD

#### Agreed by:

UNDP	Forestry and Wildlife Committee of MENR RK
Eugene Hong ARR/Head of MPSU DocuSigned by:  795A8F229B5F4A7...	Daniyar Turgambayev Deputy Chairman/National Project Director
Date: 26-Feb-2023	Date:

## I. Annual Work Plan

EXPECTED OUTPUTS	PLANNED ACTIVITIES	TIMEFRAME (QUARTER)				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding source	Budget description	Amount (USD)
<p><b>Component 1: Increasing the representativeness of globally important forest ecosystem biodiversity in the network of protected areas and improving the efficiency of management of protected areas, including high conservation value forests</b></p> <p><b>Indicator 5.</b> Added area managed by newly created PAs to preserve biodiversity Baseline: N/A (only existing PAs) End of Project Target: 1,830,000 net new hectares under protection</p> <p><b>Indicator 6.</b> PA management efficiency Baseline: Alpine forest ecosystems: 1. Imaty Zapovednik: 67 2. Be-Alatau NP: 66 3. Kolsay Kolderi NP: 80 4. Kolsay Kolderi NP Expansion: 24 5. Zhongar Alatau NP: 59 6. Zhongar Alatau NP Expansion: 27 7. SW Zhongar Alatau ("Koksu Reserve") (proposed): 23 8. Sairam-Ugam NP: 71 9. Aksu-Jabagly Zapovednik: 81 10. Karatau NP: 81 11. Karatau NP Expansion: 17 12. Maton Karagay NP: 63 13. Markakol Reserve: 48 14. Zapadno-Altay Reserve: 77 15. Ketmen Reserve (proposed): 21 16. Teriskey Reserve (proposed): 21 17. Merke Reserve (proposed): 18 18. Saur-Manrak Reserve (proposed): 17 19. Tarbagatai NP (proposed): 18 Floodplain (tugai) and saxaul forest: 20. Charyn Canyon NP: 68 21. Syr Darya-Turkestan Reserve: 73 22. Be-Balkhash Reserve (proposed): 15 23. Be Floodplain Reserve (proposed): 16 End of Project Target: 30% improvement in score gap over baseline Indicator 7. Level of maintenance of biodiversity conservation and other ecosystem values in forest PAs in Kazakhstan Baseline: No forest PAs in Kazakhstan have achieved "Green List" certification End of Project Target: At least 4 forest PAs</p>	<b>Outcome 1.1. Prevention of loss and degradation of high conservation value forests and associated ecosystems and biodiversity within the boundaries of the protected areas of Kazakhstan</b>								
	<b>Output 1.1.1 Improved protection regime for forest ecosystems of high global significance (saxaul, floodplain and mountain forests) and related ecosystem services to conserve soil productivity and biodiversity with involvement of the local communities</b>								
	<b>Expansion of the ecological network to cover the forest ecosystems of the project territories: Northern, Central and Western Tien Shan, Altai and Saur-Tarbagatai</b>								
	(a) development of a feasibility study for the expansion of the Zhongar-Alatau NP (current contract - Kazekoproekt LLP);	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	50 000,00 USD
	(b) development of a feasibility study for expansion of the Kolsai Kolderi NP (current contract - Kazekoproekt LLP);								
	(c) development of a feasibility study for expansion of the Karatau reserve (≥ 22,000 ha) (current contract - Kazekoproekt LLP);	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	30 000,00 USD
	(d) Development of a feasibility study for the creation of the Merke regional park (≥75,000 ha) (current contract - Kazekoproekt LLP);								
	(e) development of ENO for the creation of the regional park "Rudnyi Altai" (East Kazakhstan);	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	20 000,00 USD
	(f) development of ENO and FS projects (group of experts: cartographer, land surveyor, purchase of topographic base maps): - creation of the Usek reserve; - creation of Koksusky zakaznik; - creation of Ketmensky zakaznik; - creation of Teriskey protected area; - creation of Saur-Manyrak reserve zone;							71300 Local Consultants	30 000,00 USD
		X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	20 000,00 USD
	(g) adjusting the feasibility study for expanding the territory of the Syrdarya-Turkestan regional park (land surveyor, cartographer, expert services);	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	20 000,00 USD
	(h) meetings and consultations with local executive bodies, the population and other stakeholders into account gender aspects: - public hearings on the expansion of the Zhongar-Alatau National Park; - public hearings on the creation of the Merke Regional Park; - public hearings on the expansion of the territory of the Karatau nature reserve; - public hearings on expansion of the territory of the Syrdarya-Turkestan regional park; - public hearings on expansion of the territory of the "Kolsai Kolderi" national park.	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	5 000,00 USD
							75700 Trainings,workshops	5 000,00 USD	
							71600 Transport expenses - tickets and DSA	5 000,00 USD	
<b>Subtotal:</b>								<b>185 000,00 USD</b>	
<b>Output 1.1.2 Newly established forest PAs are operationalized with improved management effectiveness, including community management mechanisms</b>									

<p>End of Project Target: At least 1 forest PA has had a preliminary Green List assessment</p> <p>Gender marker: GEN2</p> <p>Gender marker: GEN 2</p>	<p>a) Development of a Biodiversity Monitoring Program for 5 pilot protected areas in PT "Northern, Central and Western Tien Shan" (expert group, cartographer)</p> <ul style="list-style-type: none"> <li>- Sairam-Ugam NP</li> <li>- Aksu-Zhabagly NP</li> <li>- Syrdarya-Turkestan RP</li> <li>- Charyn NP</li> <li>- Ile-Alatau NP</li> </ul>	X	X	X	X	FWC/UNDP	GEF-62000	71300 Local Consultants	15 000,00 USD	
	<p>c) monitoring and participation in the meetings of the Coordination Councils of the pilot PAs, taking into account gender aspects and increasing opportunities for women's participation in the management of PAs (at least 30% of council members are women decision makers);</p>	X	X	X	X	FWC/UNDP	GEF-62000	71600 Transport expenses - tickets and DSA	10 000,00 USD	
	<p>d) Information support on issues of management, creation/expansion of PAs and promotion of gender issues;</p> <p>e) organization and participation in public hearings on the establishment and expansion of protected areas with the prerogative participation of men and women;</p> <p>f) promotion of women's empowerment in issues of sustainable use of biological resources through Coordinating Councils at PAs;</p>	X	X	X	X	FWC/UNDP	GEF-62000	75700 Trainings,workshops	10 000,00 USD	
	<p>g) conference on Promoting and Empowering Women in the planning and use of bioresources</p>	X	X	X	X	FWC/UNDP	GEF-62000	75700 Trainings,workshops	10 000,00 USD	
								71600 Transport expenses - tickets and DSA	10 000,00 USD	
	<p>h) development of an interactive map of existing/being created PAs with sections on tourist routes and sites, zoning, biodiversity and ecosystems</p>	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	30 000,00 USD	
	<p>i) advanced training of the staff of pilot PAs and state environmental protection agencies into account gender aspects:</p> <ul style="list-style-type: none"> <li>- updating model training modules of training programs (scientific research and monitoring, PA development and species management, protection of natural complexes, SMART, fire safety, forestry, tourism, environmental education, ecotourism, and financial planning);</li> <li>- using the SMART system in the protection of natural complexes;</li> <li>- management of HCV forests in PA;</li> <li>- informing and working with the media;</li> <li>- SMM, mobilography;</li> <li>- raising additional funding and developing grant applications;</li> <li>- observing forest fires using remote sensing and GIS data;</li> </ul>	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	10 000,00 USD	
								75700 Trainings,workshops	10 000,00 USD	
								71600 Transport expenses - tickets and DSA	10 000,00 USD	
	<p>j) improvement of monitoring of biodiversity and protection of natural complexes:</p> <ul style="list-style-type: none"> <li>- purchase and installation of solar stations to create conditions for inspectors, incl. women living in remote cordons through (21 sets);</li> <li>- increasing the technical capacity of the system for patrolling and monitoring protected areas (thermal imagers, field smartphones, tablets, laptops, weather station, cameras);</li> <li>- strengthening the potential of the regional park "Merke" (field smartphones, laptops, weather station, cameras, office equipment, binoculars)</li> <li>- Strengthening the capacity of the digital visit center SNPP "Kolsai-Kolderi" (touch screen monitors, projectors, audio systems, etc.)</li> </ul>	X	X	X	X	FWC/UNDP	GEF-62000	72200 Equipment and Furniture	50 000,00 USD	
								72100 Contractual Services-Companies	245 503,48 USD	
	<b>Subtotal:</b>									<b>410 503,48 USD</b>
	<b>Outcome 1.2. Improved management of protected conservation important forests, through HCVF-specific management measures in target PA forests.</b>									
	<b>Output 1.2.1: Development and implementation of measures to restore and conserve the high conservation value forests at the protected areas as part of management plans</b>									
<p>a) analysis, assessment of needs and development of recommendations to improve the management of HCVF in pilot protected areas into account gender aspects (national parks and reserves);</p>	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	5 000,00 USD		

b) development of the HCVF management plan for pilot protected areas: - Kolsai Kolderi national park - Zhongar-Alatau national park - Ile-Balkhash" reserve - Ile-Alatau national park - Charyn national park - Tarbagatay national park - Katon-Karagai national park	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	15 000,00 USD
c) hydrochemical analysis of Lake Markakol and development of recommendations to solve the problem of waterlogging of the lake;	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	10 000,00 USD
d) development of a biological justification for regulating the number of cormorants in the territory of Markakol reserve	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	10 000,00 USD
e) development of the Regulations and the basis for the establishment of the protection zone of Ile-Alatau NP, updating the Rules of the implementation of tourist and recreational activities in the state national nature parks	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	5 000,00 USD
f) development of standard design documentation for modular houses/cordons and other structures to organize the activities of Pas	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	10 000,00 USD
g) analysis and development of recommendations to improve remuneration of employees of environmental protection organizations and forestry into account gender aspects	X	X	X	X	FWC/UNDP	GEF-62000	71300 Local Consultants	5 000,00 USD
h) analysis of the IUCN Green list certification tool for protected areas and development of recommendations on implementation mechanisms in Kazakhstan (translation of the application, preparation of an overview, analysis of the potential of pilot protected areas);	X	X	X	X	FWC/UNDP	GEF-62000	71200 International Consultants	10 000,00 USD
i) information PR-campaign and activities on the component: - March of parks timed to the conservation of forests; - International Snow Leopard Day; - International Day of Forests; - International Day of Biodiversity;	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	10 000,00 USD
j) development and printing of a publication for ecological education and informing beneficiaries (proofreaders, translators, design, layout and printing): - photo albums of three project areas in 3 languages (Northern and Central Tien Shan, Western Tien Shan, Altai and Saur-Tarbagatai); - atlas of protected areas; - program of biodiversity monitoring of 15 pilot protected areas (Kazakh/Russian versions); - video film about nature protection actions in the pilot PAs; - video about installation of solar panels, which allowed to improve living conditions of inspectors in remote cordons, including women	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	20 000,00 USD
Development of a afforestation project on an area of 17 hectares in the floodplain of the river. Or (within the state forest fund)	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	20 000,00 USD
k) information support on the issues of: - promotion of gender issues; - expansion of the network of protected areas; - conservation of biodiversity.	X	X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	10 000,00 USD
<b>Subtotal:</b>								<b>130 000,00 USD</b>
<b>Support to project activities and their sustainability</b>								
Project experts salary: - expert on protected areas management (NPSA, 100%)							71400 Service Contracts-Individuals	20 000,00 USD

<ul style="list-style-type: none"> <li>- expert on social and economic development of Almaty oblast (NPSA, 33 %)</li> <li>- expert on social and economic development in EKR (NPSA, 33 %/ IC)</li> <li>- monitoring expert (NPSA, 33%)</li> <li>- project driver (NPSA, 33%)</li> <li>- PR specialist (NPSA, 20%)</li> <li>- sustainable Ecosystem and Local Communities Expert in Turkestan and Zhambyl Regions (UNV, 34 %/IC)</li> <li>- interpreter services (Russian/Kazakh/English, simultaneous translation)</li> </ul>								71300 Local Consultants	5 000,00 USD
	X	X	X	X	FWC/UNDP	GEF-62000		71500 UN Volunteers, allowances	1 000,00 USD
								71600 Transport expenses - tickets and DSA	10 000,00 USD
								72100 Contractual Services-Companies	10 000,00 USD
Monitoring visits/ Miscellaneous	X	X	X	X	FWC/UNDP	GEF-62000		74500 Miscellaneous Expenses	1 000,00 USD
<b>Subtotal:</b>									<b>47 000,00 USD</b>
<b>Total: Activity 1</b>									<b>772 503,48 USD</b>

<p><b>Output 2: Promoting the integration of forest protected areas in the landscape context by creating conditions for the effective regulation and management of globally important ecosystems</b>  <b>Indicator 8.</b> Change in area of sustainably managed forests in forest ecosystems bordering protected areas  <b>Baseline:</b> N/A  <b>Project Target:</b> &gt;1,000,000 hectares, application of sustainable management standards for HCVF in 6 targeted forest enterprises (husbandries)  <b>Indicator 9.</b> Reduction in degraded and deforested area in targeted forestry territories bordering the protected areas  <b>Baseline:</b> 11,305.60 hectares of FH: degraded /deforested forests  <b>Project Target:</b> &gt;5% improvement over baseline  <b>Indicator 10.</b> Change in degradation areas of meadow and forest pastures bordering the protected areas  <b>Baseline:</b> 0 hectares with reduced degradation at 73,000 degraded hectares of pastureland  <b>Project Target:</b> 73,000 hectares with reduced degradation  <b>Indicator 11.</b> Area outside PAs with enhanced conservation management (PA corridors and buffer zones identified in district integrated management plans)  <b>Baseline:</b> N/A (no conservation measures planned in targeted districts)  <b>Project Target:</b> 350,000 hectares  <b>Indicator 12.</b> Number of good practice models for private afforestation established in Kazakhstan  <b>Baseline:</b> N/A (no models yet established by project)  <b>Project Target:</b> Model projects of private forest plantations are developed considering the natural and climatic conditions  <b>Indicator 13.</b> Degree to which policy and regulatory context for managing natural resources incorporates ecosystem services  <b>Baseline:</b> No methodology for considering full cost-benefit of ecosystem services incorporated in natural resource management policy and regulatory framework  <b>Project Target:</b> At least one regulation adopted at provincial or national level that recognizes and incorporates TSA methodology  <b>Gender marker:</b> GEN2</p>	<b>Output 2: Promoting the integration of forest protected areas in the landscape context by creating conditions for the effective regulation and management of globally important ecosystems</b>										
	<b>Outcome 2.1. Improving the management of high conservation value forests (HCVF) at the landscape level</b>										
	<b>Output 2.1.1. Revision and implementation of management, monitoring standards and processes in 8 forest state enterprises having the boundaries with PAs, including the mechanisms of local population involvement in forest management</b>										
	Identification and zoning of key biodiversity areas outside the PAs as the corridors and buffer zones: completion of HCVF identification in 8 pilot forestries and publication of a practical guide on identifying and detecting the HCVFs	X					FWC/UNDP	GEF-62000	72100- Contractual Services-Companies	24 000,00 USD	
		X					FWC/UNDP	GEF-62000	74200-Audio Visual&Print Prod Costs	5 000,00 USD	
	Development of forest management plans for target forest protection institutions by example of 2 pilot forest protection enterprises in Almaty and East Kazakhstan regions into account gender aspects	X	X	X	X		FWC/UNDP	GEF-62000	71200-International Consultants	20 000,00 USD	
		X	X	X	X		FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	60 000,00 USD	
	Training for staff of target state forestry enterprises on management of high conservation value forests, including the principles, indicators, and tools for involvement of local communities through: (a) development and issue of a training module on introducing the HCVF concept into forest management practices; b) training sessions for staff of pilot forest protection enterprises and other stakeholders into account gender aspects		X	X	X		FWC/UNDP	GEF-62000	74200-Audio Visual&Print Prod Costs	5 000,00 USD	
			X	X	X		FWC/UNDP	GEF-62000	75700-Training, Workshops and Confer	15 000,00 USD	
	Implementation of fire prevention and forest protection measures by strengthening the technical capacity of the pilot forestry institutions of Almaty, Zhetysu and East Kazakhstan regions and Kazavialesokhrana in monitoring and protection against fires: 1) procurement and installation of solar stations to create conditions for inspectors, including women, living in remote cordons of pilot leskhozoes (7 sets, \$70,000); 2) purchase of lightning sensors, thermal imagers, binoculars (\$40,000); 3) purchase of laptops, and tablets for Kazavialesokhran (\$25,000); 4) Firefighting equipment for pilot leskhoz (\$50,000).	X	X	X	X		FWC/UNDP	GEF-62000	72200-Equipment and Furniture	185 000,00 USD	
	Development of a biological feasibility study and conceptual design for creating wildlife crossings through key intersections of infrastructure facilities and migration routes (to protect gazelles' migration routes in Almaty region)			X	X		FWC/UNDP	GEF-62000	71300-Local Consultants	5 000,00 USD	
				X	X		FWC/UNDP	GEF-62000	71300-Local Consultants	5 000,00 USD	
	Assessment of existing silvicultural standards, indicators, and practices in target state forestry enterprises: 1) reconstruction of Medvedsk Forest Nursery to create a sustainable basis for afforestation of valuable coniferous and deciduous specie (\$30000); 2) purchase of agroforestry equipment and drip irrigation systems for the Medvedsky Forest Nursery (\$28000); 3) purchase of agro-forestry equipment for forest nurseries of Ridder and Karadala forestrys (\$50,000)	X	X	X	X		FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	30 000,00 USD	
		X	X	X	X		FWC/UNDP	GEF-62000	72200-Equipment and Furniture	78 000,00 USD	
	<b>Output 2.1.2 Organization and implementation of pasture management plans with participation of the local population</b>										
	Implementation of a pilot program for the restoration and watering of pastures near riparian forest ecosystems in Pribalkhash, which will improve conditions in order to improve pasture conditions and improve the living conditions of pasture-using farmers, including women (activities to restore the wells on the forest fund territory of Bakanass Forestry and Ile-Balkhash Nature Reserve)		X	X	X		FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	30 000,00 USD	
		X	X	X		FWC/UNDP	GEF-62000	72200-Equipment and Furniture	40 000,00 USD		
		X	X	X		FWC/UNDP	GEF-62000	71600-Travel	3 000,00 USD		

<b>Output 2.1.4. Development and implementation of an integrated plan on land and forest resources management in 6 administrative districts near newly created PAs, including desining the corridors and buffer zones</b>									
Development of regional management plans and an integrated territorial management plan with methodological and informational support: a) development of methodological guidelines on desining the functional zoning and landscape planning schemes with provision of training and design and publication of Atlases of functional zoning of 7 pilot districts of Almaty and Zhetyysu regions; b) development of a desktop tool for the analysis of functional zoning data of 7 districts on the basis of open GIS	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	40 000,00 USD	
	X	X	X	X	FWC/UNDP	GEF-62000	72100-Contractual Services-Companies RPA	10 000,00 USD	
<b>Output 2.1.5 Development of ecotourism extension concept at areas of forest PAs with involvement of local populationand intergation into existing PAs Management Plans</b>									
Support in development of tourist infrastructure in compliance with Management Plan by: a) equipping the pilot tourist routes and promoting the tourist routes at the national level as part of infotour b) development of the design project of the tourist center for Katon-Karagai NP	X	X			FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	18 400,00 USD	
		X	X		FWC/UNDP	GEF-62000	75700-Training, Workshops and Confer	7 000,00 USD	
	X	X			FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	3 000,00 USD	
Organization a national conference on environmental education, presentation of results and exchange of experiences into account gender aspects	X				FWC/UNDP	GEF-62000	75700-Training, Workshops and Confer	7 000,00 USD	
	X					GEF-62000	71600-Travel	10 000,00 USD	
Analysis of opportunities to generate the income from tourism considering the maximal capacity of the area: training for rural residents, including the women, in business planning, and support to female-led projects		X	X		FWC/UNDP	GEF-62000	72100-Contractual Services-Companies	5 000,00 USD	
		X	X			GEF-62000	75700-Training, Workshops and Confer	5 000,00 USD	
<b>Output 2.1.6. Sustainable hunting management in the forest fund to preserve the ecological functions of forests</b>									
Roundtable and training on sustainable development of hunting in the forest fund into account gender aspects					FWC/UNDP	GEF-62000	75700-Training, Workshops and Confer	10 000,00 USD	
<b>Subtotal:</b>								<b>620 400,00 USD</b>	
<b>Outcome 2.2. Strengthened enabling environment to support SFM objectives through updated national policies, regulations, and the system of information and data management</b>									
<b>Output 2.2.1 Assessment and amendments to existing system of forest resources administration and management of 123 State Forest Enterprises with total area of 12 452 000 hectares with aim to conserve the HCVF as a chain of ecological network</b>									
Assessment of existing practice on inventory and systematic monitoring of high conservation value forests: a) Strengthening the technical capacity of the Forest Monitoring Center (Kazlesproekt) to improve forest inventory and monitoring methods: purchase of equipment - radio reception station, accessories and software for the drone, multispectral camera (\$30,000); (b) purchase of laptops and office equipment for the pilot leskhoz (\$15,000); (c) purchase of resistograph and lintbaa for KazLesProject and KazNIIForestry (Almaty branch) (\$35,000) (d) purchase of a notebook computer and office equipment for the Eco-Center of Katon-Karagai National Park (\$2000)		X	X	X	FWC/UNDP	GEF-62000	72200-Equipment and Furniture	82 000,00 USD	
<b>Output 2.2.2 International standards, tools and practices of sustainable management of high conservation value forests are integrated into relevant regulations</b>									
Assessment and updating of fire management standards and technical equipment for forest fire control, enforcement of updated standards in planning systems: development of recommendations on the equipment of the forest fire station of types 1 and 2		X	X	X	FWC/UNDP	GEF-62000	71300-Local Consultants	6 000,00 USD	
<b>Output 2.2.3: Implementation of capacity building modules on researching and data analysis to enhance the use of new management approaches</b>									
Training for staff of the Forest Monitoring Centre and pilot forestry on use of remote sensing methods for forest monitoring		X	X	X	FWC	GEF-62000	75700-Training, Workshops and Confer	10 000,00 USD	
<b>Output 2.2.5. Creation and ensuring the access to information and technical resources bank on non-state forestry development for all potentially interested parties, which will be maintained by the FWC</b>									
Development of model business plans and technical documentation for various afforestation models into account gender aspects (for southern and eastern regions of the country)	X	X	X	X	FWC/UNDP	GEF-62000	71300-Local Consultants	8 000,00 USD	





Component 3. International cooperation and knowledge management	Component 3. International cooperation and knowledge management								
<p><b>Indicator 14.</b> Quality and coverage of snow leopard monitoring data in Kazakhstan as indicated by estimated accuracy and timeliness of national snow leopard population estimate  <b>Baseline:</b> Latest population estimate 15 years before (2001) with a 91% confidence level (lowest possible estimated population/ highest possible estimated population, i.e. 100/110 = 91%)  <b>Target:</b> Publishing of annual population estimates with a 95% or greater confidence level</p> <p><b>Indicator 15.</b> Level of international cooperation and coordination with Kazakhstan border countries regarding illegal wildlife trade, biodiversity management in borderland protected areas, and snow leopard monitoring  <b>Baseline:</b> No formal international agreement between Kazakhstan and neighboring countries related to snow leopard conservation  <b>Target:</b> International agreement between Kazakhstan and at least one bordering country under implementation regarding at least one of the below issues:  - Cooperation on law enforcement at border points regarding illegal wildlife trade  - Illegal hunting by border guards  - Data sharing on snow leopard monitoring  Gender marker: <b>GEN2</b></p>	<b>Output 3.1.1. Enhancing the capacity of institutions involved in wildlife conservation</b>								
	Development of a prototype of a centralized database for collecting and storing Smart-patrolling data on the example of pilot Pas					FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	5 000,00
	Training courses and seminars for employees of pilot environmental agencies on SMART-patrolling and monitoring	X	X	X	X	FWC/UNDP	GEF-62000	71600 - Travel	2 000,00
						FWC/UNDP	GEF-62000	75700 - Training, Workshops and Confer	3 000,00
	Conducting training sessions for customs and border guards on the basis of the guidebook to identify rare species in order to prevent illegal trade					FWC/UNDP	GEF-62000	71300 - Local Consultants	3 000,00
				X	X	FWC/UNDP	GEF-62000	75700 - Training, Workshops and Confer	3 000,00
	<b>Output 3.1.2 Implementation of the National Strategy and Action Plan for the snow leopard conservation by developing an integrated landscape plan in the key habitats of this species</b>								
	Updating the National Strategy and Action Plan for Snow Leopard Conservation		X	X		FWC/UNDP	GEF-62000	71300 - Local Consultants	5 000,00
	Workshops and meetings with local executive bodies, local community on the implementation of the Landscape Management Plan into account gender aspects		X	X		FWC/UNDP	GEF-62000	71600 - Travel	1 000,00
	<b>Output 3.1.3 The system for long-term system monitoring of the snow leopard in Kazakhstan was developed and put into operation using international standards, including cross-border cooperation with the snow leopard habitat countries</b>								
	Updating snow leopard monitoring methodology to harmonize with international recommendations for snow leopard monitoring		X	X	X	FWC/UNDP	GEF-62000	71300 - Local Consultants	6 000,00
			X	X	X	FWC/UNDP	GEF-62000	71200 - International Consultants	12 000,00
	Demonstration of satellite tagging of snow leopard in the pilot PAs (involvement of 3 experts, rental of equipment)		X	X	X	FWC/UNDP	GEF-62000	71300 - Local Consultants	18 000,00
			X	X	X	FWC/UNDP	GEF-62000	72100 Contractual Services-Companies	5 034,00
	Signing of an Agreement with snow leopard countries on the exchange of monitoring data		X	X		FWC/UNDP	GEF-62000	71600 - Travel	1 000,00
	Procurement of equipment for snow leopard monitoring	X	X	X	X	FWC/UNDP	GEF-62000	72200 - Equipment & furniture	14 031,00
	National Consultant-Cartographer of snow leopard Telemetry	X	X			FWC/UNDP	GEF-62000	71300 - Local Consultants	5 665,00
	Training for PA staff and other monitoring program participants on the use of the threat assessment method for monitoring planning and community involvement into account gender aspects		X	X		FWC/UNDP	GEF-62000	75700 - Training, Workshops and Confer	2 000,00
	<b>Output 3.1.4 Products were developed and released on the basis of new knowledge gained in the project, training and informational activities were completed to increase understanding of the concepts of sustainable management of forests, land resources and biodiversity among managers of environmental protection organizations and the local population</b>								
	Preparation of an Annual national report on the results of work on the snow leopard		X	X	X	FWC/UNDP	GEF-62000	71300 - Local Consultants	2 000,00
	Training and information activities to implement new approaches in the management of hunting farms in forest ecosystems into account gender aspects		X	X	X	FWC/UNDP	GEF-62000	71600 - Travel	2 500,00
			X	X	X			72100 Contractual Services-Companies	4 000,00
	Development and publication of best practices for different target groups			X	X	FWC/UNDP	GEF-62000	72100 - Contractual Services-Companies	2 000,00
Action for the International Snow Leopard Day				X	FWC/UNDP	GEF-62000	72100 - Contractual Services-Companies	6 000,00	
				X	FWC/UNDP	GEF-62000	72100 - Contractual Services-Companies	6 489,00	
Articles, agreed on the schedule of events	X	X			FWC/UNDP	GEF-62000	71300 - Local Consultants	3 000,00	
Print publications, audio and video publications			X	X	FWC/UNDP	GEF-62000	72100 - Contractual Services-Companies	3 000,00	
Conducting informational and educational activities based on a Communication strategy (conferences, seminars, publications), including capacity building activities for local communities and government agencies into account gender aspects					FWC/UNDP	GEF-62000	71600 - Travel	5 000,00	
			X	X			75700 - Training, Workshops and Confer	7 000,00	



## II. MONITORING AND EVALUATION PLAN

Monitoring Activity	Purpose	Timeframe	Responsible Person
SFM Project Board Annual Meeting	Informing the Project Board about the results achieved in 2023, presentation and approval of the Annual Work Plan, existing risks for 2024	January 2023; December 2023	Project manager
Reporting on project implementation	Preparation of Annual Project Progress Reports: - Annual Project Progress Report; - quarterly project reports - Project Implementation Review (PIR); - ROAR Informing national partners and donors about project results.	PIR - July 1, 2023; QPR - April, July, October 2023 APR, ROAR - December 25, 2023	Project manager
Monitoring and field visits RR/DRR, EE Unit to the project area	Monitoring of implementation and progress of the project and familiarization with the project results with the participation of the management of the Project Executive Agency and key national partners. Visits to pilot projects, PAs, forestry. Working meetings with the beneficiaries in the field, discussion of joint activities, development of recommendations	1-2 times a quarter	Project manager
Monitoring and field visits of the project team to pilot regions	Monitoring of implementation and progress of the project and familiarization with the project results with the participation of the key national partners. Visits to pilot projects, PAs, forestry. Working meetings with the beneficiaries in the field, discussion of joint activities, development of recommendations	March, May, June, August, September, October, November 2023	Project manager
Project management reporting in Quantum (review risks, issues)	Systematic monitoring of risks in the Quantum, timely and addition of mitigation measures	quarterly	Project manager
Implementation and Monitoring Stage Quality Assurance	Assure adherence to UNDP quality standards for programming	нояб.23	Project manager
Weekly programme meetings with SM	Participation in weekly meetings to monitor project progress. Informing SM about the development, progress on major procurement cases, possible risks	weekly	Project manager
Programme and Delivery meetings	Participation in weekly meetings to monitor project progress. Informing SM about the development, progress on major procurement cases, possible risks	weekly	Project manager

#	Event	Cause	Impact(s)	Risk Category and Sub-category	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner (individual accountable for managing the risk)	Risk Treatment and Treatment Owner
1	Changes in government policy priorities related to sustainable forestry development	Frequent reforms in central executive bodies and personnel changes in the project executive agency	There may be some delay in achieving results at the national level	Strategic	P – 3, I – 3, Moderate	April 2018 - October 2024	Project Manager	Preventive: Within the project activities on identification of HCVP are carried out on the basis of 8 pilot forestry institutions. The HCVP are the basis for future certification of forest management in Kazakhstan. To improve forest planning and management system for the first time in Kazakhstan, a Forest Institutional Management Plan is being developed. Thematic workshops and experience exchange through internships for decision makers are a priority for future project activities. Alleviative: Holding consultative meetings with decision-makers on the need to replace the policy on sustainable forest management. Organization of round tables with the participation of representatives of the Parliament of Kazakhstan, the Prime Minister's Office and other interested structures represented by the Ministries of Environment, Economy, Finance.
2	Institutional government duty-bearers related to the management of forest ecosystems do not have the capacity to meet their obligations. Rights holders do not have a complete package of knowledge about their rights and capabilities	Government bodies and responsible parties sometimes lack the capacity to manage natural resources. Resource users have not been fully educated and informed about their rights.	Government authorities will not be able to perform their duties efficiently due to lack of knowledge and time. There is a risk that rights holders may not have the legal, self-organizing, or financial means to claim their rights.	Organizational	P – 2, I – 2, Low	April 2018 - October 2024	Project Manager	The project worked closely with all stakeholders to support government natural resource management authorities and institutions to meet their obligations, and with resource user rights holders to claim their rights. This will be accomplished through multiple stakeholder consultation sessions during all relevant aspects of the project to ensure that all parties are aware of and understand the relevant obligations and rights.
3	Impact of project activities, land use and resource use changes on key habitats / sensitive areas of biodiversity (e.g. different categories of protected areas) and livelihoods.	The creation of new protected areas and the introduction of new approaches to the management of biodiversity, land and biological resources presupposes a certain degree of influence on the beneficiaries at different stages of the project.	The establishment of new protected areas, the introduction of new approaches to land use and resource management can have adverse short-term negative impacts on livelihoods and access to bioresources.	Environmental	P – 5, I – 1, Low	April 2018 - October 2024	Project Manager	The project works to involve resource users / beneficiaries in traditional activities (grazing, haymaking, picking berries / herbs and the development of ecotourism) at protected areas territories
4	The Project involves plantation development and reforestation (harvesting of natural forests isn't involved)	The project includes small-scale reforestation activities in order to increase the area of valuable rare endemic forest species	The relatively small area of tree planting means that any ecological impact will be minimal, and the overall environmental impact – considering the benefits of the planted trees – is expected to be positive.	Environmental	P – 5, I – 1, Low	April 2018 - October 2024	Project Manager	The project team will work with government authorities and stakeholders (partner state forestry enterprises) to create conditions for afforestation of valuable local species.

5	Project possibly result in economic displacement. Project possibly affect land tenure arrangements and/or community based property rights.	As the project will work to support the establishment of protected areas, as a result, this could result in economic displacement of local population.	Due to the remote areas any possible impact due to project activities is expected to be minor considering the mitigation measures.	Strategic	P – 3, I – 2, Low	April 2018 - October 2024	Project Manager	The project improved the environmental and social qualities of the areas where new protected areas are created to minimize the risk of negative social and environmental consequences.
6	Mountain ecosystems are particularly vulnerable to climate change impacts. Climate change could lead to ecosystem impacts that negatively influence the status of biodiversity and the sustainability of forest ecosystems, despite project efforts.	Mountain ecosystems are especially vulnerable to climate change. Natural disasters tend to become more widespread and destructive, which affects the quality of life of the population	Changes in the qualitative composition of forests, windfalls, forest fires, mass outbreaks of reproduction of noxious insects, development of thermokarsts, reduction of plant and animal species.	Environmenta	P – 3, I – 3, Moderate	April 2018 - October 2024	Project Manager	Preventive: Considering that mountain forests are vulnerable to the effects of climate change and as a consequence prone to forest fires. In order to reduce this risk, the Project has provided technical support to pilot PAs and leskhoz in the purchase of firefighting equipment and supplies: purchased 635 portable radios, 22 quadcopters (drones) with additional accessories, 16 patrol vehicles UAZ Patriot, 4 small forest patrol (forest fire) systems, 20 sets of fire fighting clothing, 3 quad bikes and others. The project developed a methodological guide for forest fire monitoring based on remote sensing data. By the end of the project it is envisaged to continue training of the key beneficiaries in remote forest fire monitoring. Recommendations on improvement of norms and regulations for wildfires were elaborated. By the end of the project it is foreseen to develop a Strategy on fire protection of forests (riparian, saxaul and mountain forests) and its dissemination at the national level.  Alleviative: Climate change in mountain systems leads to intensive melting of glaciers and loss of biodiversity as a result of changing natural conditions. Conducting consultative meetings and negotiations with the management of the authorized body and other interested partners on strengthening the conservation of mountain ecosystems and the development of adaptation measures to climate change.
7	Restrictions are implemented by the Government in relation to Covid-19	Considerable increase in the number of registered Covid-19 cases	Key project results and target indicators (expansion of protected areas, identification of HCVF; capacity building and many others) are partially achieved/not achieved	Operational	P – 2, I – 3, Moderate	April 2018 - October 2024	Project Manager	Alleviative: The government of Kazakhstan imposed restrictions on the non-proliferation of pandemic COVID-19 in 2020-2021. To continue the work on capacity building of staff of pilot PAs and other beneficiaries a system was developed and a number of workshops and trainings were conducted in online format. The software "FinPlan" for the preparation of the budget application to the Management Plans has been developed. It is planned to develop standard training modules including blocks of online / remote training for the staff of protected areas in 7 areas. Information activities with schools, on the formation of environmental culture of young people were conducted. In order to develop tourism in PAs and raise awareness about the importance of the territory continues to develop virtual tours in 5 pilot PAs, which will provide information to stakeholders and target groups. Also trainings and refresher courses for employees of pilot PAs and forest farms on forest monitoring based on remote sensing data were conducted.

8	Biodiversity science and conservation community continue to ignore/underestimate the participatory approaches in planning the landscapes and continue to use formal social surveys as a key tool for community engagement.	Low interest from the scientific and environmental community in the involvement of the local population. Underestimation of an approach based on the involvement and participation of all stakeholders in decision-making	Ineffective solutions based on a one-sided approach and not taking into account the interests of all stakeholders	Strategic	P – 2, I – 2, Low	April 2018 - October 2024	Project Manager	Preventive: The project actively involves all stakeholders, including the local population, in the planning and implementation of project activities at all stages. The project envisages development of the system of public participation in making management decisions in SPNA through local coordination councils. Public Councils have been established and are functioning in the pilot PAs and include representatives of local executive bodies, nature users and NGOs. Based on international experience and practice, the structure of the PA management plan has been modified and amended, in particular, the participation of stakeholders in the assessment of the effectiveness of the management plan for the previous 5-year period. This approach will identify gaps and barriers, priority areas and activities in the long term, which will improve the activities and management of PAs, taking into account the interests of all stakeholders. A key condition of landscape planning is the involvement of local communities and authorities at all stages in the discussion of current issues related to land-forest-water use and the development of joint recommendations for their solution. Alleviative: Wide awareness of all stakeholders about the activities of PAs and the work of the Coordinating Councils of PAs will stimulate the involvement of local communities in the planning and management of landscapes. Socio-economic situation of the pilot regions and other relevant issues related to the identification of threats, barriers are taken into account in the analysis of the effectiveness of the Management Plan and in the development of the Management Plan for the next 5-year period.
9	Data deficiencies to complete the ecosystem services quantification and economic valuation research may undermine the quality of the final products related to species and habitats modeling.	Lack of monitoring data for the previous period, no established monitoring system in the pilot protected areas. Low local staff capacity	There may be some delay in achieving results at the national level	Environmenta	P – 3, I – 1, Low	April 2018 - October 2024	Project Manager	Alleviative: Prepare and make proposals to the draft Concept for the transition of the RK to a Green Economy regarding the consideration of the economic valuation of ecosystem services as the basis of natural capital. To prepare recommendations for the economic valuation of ecosystem services of forest ecosystems and PAs by 2030.
10	Negative impact of possible consequences of climate change on status of biodiversity and the sustainability of forest ecosystems.	State ecological monitoring services, scientific research institutes of forestry and protected areas do not carry out systematic monitoring of the impact of CC on forest ecosystems.	Unfavorable climatic conditions (floods, fires, the development of forest pests, windblows, erosion, desertification, etc.) in the project areas for the implementation of pilot projects and programs.	Environmenta	P – 3, I – 1, Low	April 2018 - October 2024	Project Manager	The project team works with all partners and stakeholders to apply the best available climate change impact prediction data for forest regions of Kazakhstan, and will ensure that that all project activities and plans take into account the potential future climate impacts. The project has developed a methodology for monitoring climate change for tree species in Kazakhstan
11	When establishing protected areas, there is always a possibility that this process will result in some modification to the enjoyment of human rights of individuals living near or otherwise using territory to be included in the protected area.	The protected areas are primarily in remote rural areas, and the inhabitants in such regions typically have a higher percentage of people living in poverty, and/or marginalized groups	The project activities could have an adverse effect on the enjoyment of human rights, and/or possibly restrict availability, quality or access to resources, the populations affected would include the poor or other marginalized groups	Strategic	P – 2, I – 2, Low	April 2018 - October 2024	Project Manager	The project works closely with all stakeholders through meetings, public hearings, roundtables In any cases where negative impacts are possible, mitigation and compensation measures will be developed and implemented.  The project implements Eco-Damu Loan Program to financially support local residents living near PAs. The program provides preferential loans for the development of alternative activities: beekeeping, ecotourism, souvenir workshops, etc.