

United Nations Development Programme

Country: Armenia Multiyear Work Plan



- UNDAF Outcome 4:** - Environment and disaster risk reduction is integrated into national and local development frameworks
- UNDP Outcome 4.1:** - Armenia is better able to address key environmental challenges including climate change and natural resource management
- UNDP Output 4.1.4:** - National and local capacities to develop innovative policies and practices to address climate change mitigation and adaptation strengthened

Implementing partner: Ministry of Nature Protection
Responsible partners: Ministry of Nature Protection (2010-2012), "Hayantar" SNCO (2010-2011)

Armenia's mountain forest ecosystems having global conservation priority are identified as critically vulnerable to the global climate change. Integration of climate change adaptation measures into the forest management is crucial for ensuring sustainability of mountain ecosystems. The main planned outcomes of the project are: (1) The enabling environment for integrating climate change risks into management of forest ecosystems is in place; (2) Forest and protected area management in the Syunik region integrates pilot adaptation measures to enhance adaptive capacity of mountain forest ecosystems; (3) Capacities for adaptive management, monitoring and evaluation, learning, and replication of project lessons are developed. Lessons from the project are expected to be replicated in other mountain forest ecosystems of central and northern Armenia.

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| Programme Period: | CPD 2010-2015 |
| Programme Component: | Environment and sustainable development |
| Project Title: | PIMS 3814: Adaptation to Climate Change Impacts in Mountain Forest Ecosystems of Armenia |
| Atlas Award/Project ID: | 00051202/00063634 |
| Period: | Three years |

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|----------------------------|----------------|
| Budget for 2010-2012: | US\$ 857,250 |
| Total resources required: | US\$ 857,250 |
| Total allocated resources: | |
| • GEF: | US\$ 857,250 |
| • Government (co-funding): | US\$ 1,720,000 |

Agreed by Implementing partner:

Simon Papyan
First Deputy Minister
Ministry of Nature Protection, Republic of Armenia
UNDP EG Programmes National Director

signature

date

Agreed by UNDP:

Dafina Gercheva
UNDP Resident Representative

signature

date



| EXPECTED CP OUTPUTS and indicators including annual targets | PLANNED ACTIVITIES <i>(including M&E activities)</i> | RESP. PARTY | PLANNED BUDGET | | | | | | | | |
|---|---|------------------------------------|----------------------|---|--|------------------------------------|---------------|---------------------------|-----------------------------|----------------------------------|---------------|
| | | | Source of Funds Code | Budget Description | Amount US\$ | Budget Description | Amount | | | | |
| | | | | | 2010 | | 2011 | 2012 | | | |
| Adaptation to Climate Change Impacts in Mountain Forest Ecosystems of Armenia; Award ID: 00051202 | | | | | | | | | | | |
| <p>Output: National and local capacities to develop innovative policies and practices to address climate change mitigation and adaptation strengthened</p> <p>Baseline: There are no efforts currently underway to address climate change impacts on mountain forest ecosystem degradation in the Syunik region.</p> <p>Target: At least two types of resilience-enhancing measures employed by the project upon its completion, covering approximately 87% of forest covered area in Syunik (65,000 ha under the forest enterprises and 10,000 ha under SPANS)</p> <p>Indicator 1: Forest sector management planning documents for Syunik region include adaptation measures tested through the project and provide for resources to undertake these measures so as to enhance the resilience of biodiversity to CC related risks.</p> <p>Indicator 2: Institutions that need to be involved in early warning and response to CC related impacts on forests (such as the local forestry, emergency management agency, fire department) have clarity on their mandate and role in responding to CC risks.</p> <p>Indicator 3: Syunik (Goris), Kapan and Meghri forest enterprises capacity to provide effective management for CC related risks is increased. 1) Landscape coverage: reforested area, recovered (rejoined) area 2a) Improved pest control management 2b) Improved forest fire management: 2c) Reduced forest fragmentation (forest cover)</p> <p>Indicator 4: Number of forest enterprises outside the Syunik region that have initiated the process of integrating adaptation to CC in their forest management plans</p> <p>Indicator 5: Number of project evaluation and progress reports prepared and submitted to GoA, GEF and UNDP</p> | <p>Activity 1 Promote the enabling environment for integrating climate change risks into forest sector management - Planning documents that govern forest management modified to take account of climate change risks - An early warning and response system to climate change risks based on clearly defined institutional roles and responsibilities</p> | MNP | GEF | 71200 - International Consultants | 12,000 | 71400 - Other Personnel Expenses | 32,000 | 25,200 | | | |
| | | | | 71300 - Local Consultants | 9,200 | 72100 - General Operating Expenses | 27,000 | 12,000 | | | |
| | | | | 71400 - Contractual services-individuals | 9,000 | 73300 - Overhead Expenses | 3,000 | 3,000 | | | |
| | | | | 71600 - Travel | 6,000 | 74500 - Misc. Operating Expenses | 4,000 | 4,000 | | | |
| | | | | 72100 - Contractual services-companies | 30,000 | | | | | | |
| | | | | 72200 - Equipment | 6,000 | | | | | | |
| | | | | 72400 - Comm. & Audio | 2,000 | | | | | | |
| | | | | 72800 - Information Technologies | 1,500 | | | | | | |
| | | | | 74200 - Printing Prod cost | 4,000 | | | | | | |
| | | | | 74500 - Miscellaneous | 1,500 | | | | | | |
| Activity 1 Sub-total | | | | 81,200 | Activity 1 Sub-total | 66,000 | 44,200 | | | | |
| <p>Indicator 3: Syunik (Goris), Kapan and Meghri forest enterprises capacity to provide effective management for CC related risks is increased. 1) Landscape coverage: reforested area, recovered (rejoined) area 2a) Improved pest control management 2b) Improved forest fire management: 2c) Reduced forest fragmentation (forest cover)</p> <p>Indicator 4: Number of forest enterprises outside the Syunik region that have initiated the process of integrating adaptation to CC in their forest management plans</p> <p>Indicator 5: Number of project evaluation and progress reports prepared and submitted to GoA, GEF and UNDP</p> | <p>Activity 2 Integrate pilot adaptation measures to enhance adaptive capacity of mountain forest ecosystems into forest and protected area management in the Syunik region - Comprehensive system for data collection and interpretation to feed into scenario development and identification of adaptation measures - Measures to mitigate elevated pest outbreak risks due to climate change, including variability - Measures to mitigate elevated forest fire risk due to climate change, including variability</p> | MNP | GEF | 71200 - International Consultants | 8,000 | 71400 - Other Personnel Expenses | 33,000 | 22,000 | | | |
| | | | | 71300 - Local Consultants | 13,000 | 72100 - General Operating Expenses | 30,000 | 17,000 | | | |
| | | | | 71400 - Contractual services-individuals | 8,200 | 73300 - Overhead Expenses | 3,000 | 3,000 | | | |
| | | | | 71600 - Travel | 6,000 | 74500 - Misc. Operating Expenses | 5,000 | 5,000 | | | |
| | | | | 72100 - Contractual services-companies | 43,000 | | | | | | |
| | | | | 72200 - Equipment | 5,000 | | | | | | |
| | | | | 72400 - Comm. & Audio | 2,000 | | | | | | |
| | | | | 74500 - Miscellaneous | 2,000 | | | | | | |
| | | | | Activity 2 Sub-total | | | | 87,200 | Activity 2 Sub-total | 71,000 | 47,000 |
| | | | | <p>Indicator 4: Number of forest enterprises outside the Syunik region that have initiated the process of integrating adaptation to CC in their forest management plans</p> <p>Indicator 5: Number of project evaluation and progress reports prepared and submitted to GoA, GEF and UNDP</p> | <p>Activity 2A Measures to reduce forest fragmentation and improve ecological restoration - Detailed design of the pilot projects on forest restoration (reforestation) in selected plots of degraded forest area in Syunik region - Preparatory activities towards reforestation of the degraded forest area - Reforestation of the degraded forest area - Care and infilling of the reforested area</p> | Hayantar SNCO | GEF | 71300 - Local Consultants | 56,000 | 71400 - Other Personnel Expenses | 42,000 |
| 71600 - Travel | 10,000 | 72100 - General Operating Expenses | 24,000 | | | | | | | | |
| 72100 - Contractual services-companies | 11,000 | 74500 - Misc. Operating Expenses | 3,000 | | | | | | | | |
| 72200 - Equipment | 4,000 | | | | | | | | | | |
| 72300 - Materials and Goods | 40,000 | | | | | | | | | | |
| 72400 - Comm. & Audio | 1,500 | | | | | | | | | | |
| 72500 - Supply | 900 | | | | | | | | | | |
| 72800 - Information technologies | 600 | | | | | | | | | | |



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|---|-----|-----|--|----------------|------------------------------------|----------------|----------------|
| | | | 73400 - Maintenance of equip. | 2,000 | | | |
| | | | 74200 - Printing Prod cost | 2,000 | | | |
| | | | 74500 - Miscellaneous | 4,000 | | | |
| | | | Activity 2A Sub-total | 132,000 | Activity 2A Sub-total | 69,000 | 0 |
| Activity 3 Capacities for adaptive management, learning and replication of project lessons are developed - Training and sharing of experiences with foresters and community members from other regions/ sub-regions in Armenia to develop their capacities to integrate adaptive measures in forest management - A user-friendly manual on how to integrate climate change risks in forest management is developed and disseminated - A results-based monitoring, evaluation and learning system is in place | MNP | GEF | 71200 - International Consultants | 7,000 | 71400 - Other Personnel Expenses | 21,000 | 23,000 |
| | | | 71300 - Local Consultants | 12,000 | 72100 - General Operating Expenses | 30,400 | 25,000 |
| | | | 71400 - Contractual services-individuals | 5,800 | | | |
| | | | 71600 - Travel | 5,000 | 73300 - Overhead Expenses | 4,000 | 4,000 |
| | | | 72100 - Contractual services-companies | 8,000 | 74500 - Misc. Operating Expenses | 6,000 | 7,000 |
| | | | 72400 - Comm. & Audio | 2,000 | | | |
| | | | 73100 - Rental and maint.-premises | 2,000 | | | |
| | | | 74100 - Professional Services | 3,000 | | | |
| | | | 74200 - Printing Prod cost | 3,000 | | | |
| | | | 74500 - Miscellaneous | 1,000 | | | |
| | | | Activity 3 Sub-total | 48,800 | Activity 3 Sub-total | 61,400 | 59,000 |
| Activity 4 Project implementation, monitoring, evaluation - Develop and quarterly revise detailed work plans - Prepare quarterly and annual progress reports | MNP | GEF | 71400 - Contractual services-individuals | 23,800 | 71400 - Other Personnel Expenses | 16,000 | 15,000 |
| | | | 71400 - M&E Specialist share | 150 | 72100 - General Operating Expenses | 5,000 | 4,000 |
| | | | 72400 - Comm. & Audio | 1,000 | 73300 - Overhead Expenses | 3,000 | 3,000 |
| | | | 72500 - Supplies | 3,000 | 74500 - Misc. Operating Expenses | 5,000 | 3,000 |
| | | | 73400 - Maintenance of equip. | 1,500 | | | |
| | | | 74100 - Professional Services | 2,000 | | | |
| | | | 74500 - Miscellaneous | 5,000 | | | |
| | | | Activity 4 Sub-total | 36,450 | Activity 4 Sub-total | 29,000 | 25,000 |
| | | | Total | 385,650 | Total | 296,400 | 175,200 |