Country: Republic of Armenia

Project title: Afforestation and Reforestation

Project symbol: TCP/ARM/3203 (D)

Starting date: January 2009

Completion date: October 2010

Government Ministry responsible for project execution: Ministry of Agriculture

Budget covering FAO contribution: USD 432 000

Signed: ..............................................

Jacques Diouf
Director-General
(on behalf of the Government)

Signed: ..............................................

(on behalf of the Food and Agriculture Organization of the United Nations - FAO)

Date of Signature: ........................

Date of signature: ............................
EXECUTIVE SUMMARY

Forests and their economic and environmental functions are essential for sustainable development of Armenia. Unsustainable levels of forest harvesting and overgrazing have resulted in a 10 percent decline in forest cover in the last ten years. An important contributing factor to the most recent deforestation is the reliance on fuel wood as a principal source of energy. In addition to losses of timber, wildlife, and other non-timber forest products, deforestation and overgrazing has exacerbated an already serious erosion problem.

During last years considerable political efforts can be observed in terms of adapting the forest policies and institutions to the new general policy developments as well as market conditions for forest management. A new Forest Code was adopted in 2005 to address key policy issues in the relation between forest management stakeholders and the society. In order to cope with the shortages in sustainable forest management a “National Forest Program” was adopted in 2005, which sets a target of 5000 ha afforestation and reforestation annually to increase the forest cover up to 20 percent of total land over long-terms. Afforestation to this extent is required in order to ensure sustainable prosperity in terms of social, environmental and economic effects from forest management.

However, country resources for implementation of this program are inadequate and only little progress has been reached so far. The main focus was put on plantations and valuable records are accumulated here, while the care of these plantations suffered and the potentials of natural regeneration have been underestimated. The supply with a broad variety of various species of plantation materials (plants and seedlings) as well as seeds, in sufficient quantity and quality is identified as one of the major obstacles for the implementation of the reforestation and afforestation program. The nurseries of the country are in a disastrous condition. Equipment is out-of-data. The country lacks particularly in adequate resources to cope with these problems, particularly in terms of human capacities. Managers and workers in nurseries are not skilled to new techniques and technologies. The potential threats from climate change impacts put another challenge in front of Armenian forest managers.

While other international donors provide financial resources to renew technologies and machinery, the current project focuses on the development of human resources in the fields of seed collection, nurseries, plantations and natural regeneration. In close collaboration with the NFP (National Forest Program) Facility, it intends to implement capacity building measures as well as small pilot projects. The assistance is expected to contribute to the development of forests in Armenia through afforestation and reforestation and thus improve economic prosperity in rural areas.

I. BACKGROUND

General Context

Armenia has a territory of 2.9 million ha and a population of roughly three million people. It is a mountainous country, with 72 percent of the land area above 1500 m elevation. The GDP rate per capita amounts to USD1 000, whereas growth rates are about ten percent p.a. above the average in the Sub-region of Central- and Eastern Europe. Despite the promising growth rates significant shares of the rural population lives still in poverty (IFAD). Women are well perceived in public life, but gender equity remains an issue in social terms.

Sectoral Context

The forest area amounts to roughly 350 000 ha (or 12.5 percent of the total land area) of which 25 percent is in protected areas. Main species are beech, oak and hornbeam.

Forests of Armenia, which are largely located in mountain areas, fulfil a broad variety of social and
environmental functions, such as the protection of biodiversity, mitigation of erosion, contributions to water cycles, microclimate regulations etc. Particularly in rural livelihoods forests play also an important role in terms of economic incomes from wood production, non-wood forest products and services, such as hunting, berries, pastures etc.

The Government has initiated a process of significant institutional and legal reforms in the forestry sector that aims to rationalize the functions of different state institutions, resolve overlapping responsibilities, update a legal framework and clarify policy and strategic approaches, and improve the capacities and skills of foresters. Several political documents and legal framework for forest sector were created with support of International organizations in 2005, such as the New Forest Code adopted in 2005; the National Forest policy and strategy of the Republic of Armenia developed in 2004 and the National Forest Programme of the Republic of Armenia developed in 2005.

II. RATIONALE

Problem to be addressed

Due to the economic crisis, the shortage in fossil energy sources and increased pastures the pressure on forest resources increased sharply. The forest area has decreased by about 4,000 ha annually (FAO, SOFO, 2007). Large scale illegal logging resulted also in the loss of valued species (e.g. oak, beech, pine) and alteration to valueless species (e.g. hornbeam).

The “National Forest Program” adopted in 2005, sets a target of 5,000 ha afforestation and reforestation annually to increase the forest cover up to 20 percent of total land over long-terms. Afforestation to this extent is required in order to ensure sustainable prosperity in terms of social, environmental and economic effects from forest management. The potential threats from climate change impacts put a new challenge in front of Armenian forest managers, with regard to afforestation and reforestation measures.

While the government committed itself to finance the major part of implementation of the ambitious afforestation and reforestation program, only little progress has been reached so far. The main focus was put on plantations and valuable records are accumulated here, while the care of these plantations suffered and the potentials of natural regeneration have been underestimated. The supply with a broad variety of various species of plantation materials (plants and seedlings) as well as seeds, in sufficient quantity and quality is identified as one of the major obstacles for the implementation of the reforestation and afforestation program. The nurseries of the country are in a disastrous condition. Equipment is out-of-data. The country lacks particularly in adequate resources to cope with these problems, particularly in terms of human capacities. Managers and workers in nurseries are not skilled to new techniques and technologies.

During socialist time there have five permanent nurseries and about 15 temporary nurseries with an overall production area of 289 ha. Over recent years the number of nurseries has decreased to currently three permanent state nurseries, about eight temporary state nurseries and several non-state nurseries, with an overall production area of roughly 20 ha. High management costs caused a drop of production from 45 mill plants/year by the end of the eighties to now only 2.2 mill plants/year, which would allow plantations in the forest of only about 370 ha per year.

Due to policy regulation state nurseries of “Hayantar” are financed out of the budget and partly via incomes from wood production, while non-state nurseries cover there incomes so far mainly from donations. The challenge is to move towards commercial production plants and seedlings.

With regard to afforestation and reforestation there are significant potentials to be recognized in terms of natural regeneration approaches, modern planting methods and care measures, in order to ensure the efficient use of funds, deriving from public budgets and international donors for the development of forest cover. Still to significant extent plantations during the first years of growth don’t
reach the status of “forest cover”, due to shortages in silviculture management. This is where the current project will start in building up capacities.

**Stakeholders and Target Beneficiaries**

Different stakeholders have a direct or indirect interest in the project and will be involved at different stages and through different means in project activities, as appropriate, among which:

- The Ministry of Agriculture, designated by the government, with regard to conservation, protection, reproduction and use of state forests. It administers forest management through State Forest Agency “Hayantar” State Non-Profit organization.
- The Ministry of Environment, particularly with regard to protected forests, where a major focus is put on biodiversity and protection. With regard to extension of forest cover natural regeneration seems an appropriate alternative tool, whereas the ecosystems for the application of close to nature silviculture methods are limited.
- WWF Caucasus Programme, Office Armenia.
- Armenia Tree Project NGO.
- State Agriculture University of Armenia.

Direct beneficiaries of the project will include:

- The Ministry of Agriculture, as the strategic analyses and forecasts provided by the project will supplement the relevant national forest policy documents and provide a better base for improving policy decision making. Also, a large number of forest managers and administrators of the Ministry, respectively National Forest Service “Hayantar” State Non-Commercial Organization will benefit from the training, in terms of an expected increase of efficiency of forest management. Finally, supplies and equipment are expected to be provided to the “Hayantar”. The performance of the nursery in Razdan is expected to get improved, which would have additional impacts on general economic development in the Razdan county in terms of employment and income opportunities.
- The Ministry of Environment and other stakeholders related to forest development will also benefit from the training.

The use of a broad participatory approach is expected to ensure a smooth and efficient implementation of the project outcomes with regard to the design of the administrative framework for afforestation and reforestation measures.

The assistance is expected to strengthen international partnerships, e.g. with UNEP and IUCN in the framework of the Collaborative Partnership on Forests (http://www.fao.org/forestry/site/CPF/en/).

Indirect beneficiaries of the project will include:

- Local community: the improved performance of the nursery in Razdan is expected to have additional impacts on general economic development in the Razdan county in terms of employment and income opportunities.
- Other stakeholders: some of which cited above but also international partners would take advantage of the current project in terms of expected increasing efficiency of their interventions.
related to afforestation and reforestation. The project outcomes would create new knowledge on seed and plant production as well as on plantations, natural regenerations and care measures and thus provide inputs to research and education programmes.

**Project Justification**

While the Armenian government committed itself to finance the major part of implementation of the ambitious afforestation and reforestation program, only little progress has been reached so far. The main focus was put on plantations and valuable records are accumulated here, while the care of these plantations suffered and the potentials of natural regeneration have been underestimated. There is also a shortage in the supply of seeds and forest plants to meet the policy targets. The country lacks particularly in adequate resources to cope with these problems, particularly in terms of human capacities.

Progress in afforestation and reforestation will lead employment opportunities, particularly for women in rural areas, which reflects the gender targets of MDG. It contributes as well to poverty alleviation, mainly in mountain livelihoods, through the plant production in nurseries, afforestation and reforestation measures, but also in longer-terms through the whole cluster of wood use.

The project can refer to significant environmental benefits: forests have positive impacts on carbon and water cycles, they provide a base for recreation. Wood is an environmentally friendly construction material and energy source. Beside forest provide a large range of non-wood forest products, such as mushrooms, berries etc.

Without the expected support there is threat that the forest cover will not be reestablished in due time, which would cause negative environmental impacts and threat for sustainable development, particularly in rural areas.

**Past and Related Work**

Several donors have been providing assistance or are currently active on afforestation in Armenia (see Table 1 in Annex for details). However, their assistance focuses mainly on provision of goods or financial investments. At the same time the critical gap has to be seen in capacity building on seed and plant production as well as plantation methods and care measures. Also the human resource capacities for the design and implementation of an efficient policy framework for afforestation and reforestation is seen as important niche issue not yet addressed adequately by other donors.

Building up on large scale experiences in forest development, FAO, in close collaboration with the nfp (National Forest Program) Facility, could fill in this gap and bring in its comparative advantages in this field of development support. The nfp Facility is running a nfp project since 2004. Progress is reached with regard to participatory approaches in forest policy decision making. Many forests acts have been developed through public discussions. The focus of the nfp activities is not mainly on afforestation and reforestation. In light of this the current project and the nfp activities will complement each other.
III. PROJECT FRAMEWORK

Impact
The assistance is expected to lead to improved contribution of forest land use to sustainable development of natural resources, particularly forest ecosystems.

Outcome and Outputs

Outcome 1: **Afforestation and reforestation methods analyzed and strategically forecasted.**
Output 1.1: Analyses of the current status of seed and plant production, plantations, natural regenerations, care measures.
Output 1.2: General management concepts for seed and plant production, plantations, natural regenerations, care measures in plantations elaborated.
Output 1.3: Forecasts in the demand of plants and seeds, considering political commitments by the government and long-term options for financing of plantations.

Outcome 2: **Human resources capacities of forest managers and administrators on seed and plant production as well as plantations and natural regenerations strengthened.**
Output 2.1: 10 pilot seed collection stands established.
Output 2.2: 6 pilot stands on: plantations (2), natural regeneration (2) and care measures in plantations (2) established.
Output 2.3: The pilot nursery of Razdan Forest Enterprise renovated through purchasing of required equipment and renovation work.
Output 2.4: 6 training workshops on seed and plant production, plantations, natural regenerations, care measures with overall participation of roughly 200 forest managers respectively administrators.
Output 2.5: Two ten-day study tours to Central European country on seed and plant production, plantations, natural regenerations, care measures.

Outcome 3: **Public awareness about forest management and particular afforestation and reforestation measures is improved.**
Output 3.1: Inception and closing workshop with participation of representatives of the civil society and the media.
Output 3.2: Publication of project outcomes, particularly policy relevant recommendations and results from the pilot projects (hardcopy and web).

Sustainability
The project addresses national priorities as set out by the Constitution of Armenia and other strategic policy documents and was thus evaluated with high priority by national authorities. The government has declared reforestation as a priority for new millennium and is committed to address the problem
in a consistent manner. The project activities are in line with the National Forest Program of the Republic of Armenia, Forest Policy and Strategy principles.

The project is expected to put administrative measures in place which will ensure sustainable impact of the project outcomes. The interventions would thereby be sustained through their integration into the regular tasks of the National Forest Services. The Government committed itself to provide the Razdan nursery (overall area 15 ha) as a pilot enterprise and additionally contribute to the implementation of this project in kind and financially. This commitment shows that there is a national interest in long-term sustainable impacts of the project on afforestation and reforestation.

The project targets to build up human resource capacities in the field of afforestation and reforestation. These capacities are expected to impact afforestation and reforestation beyond the actual duration of the project and provide long-term sustainable impact.

Risks and Assumptions

FAO has been implementing forestry projects related to reforestation and afforestation and capacity building programmes in a number of Central and Eastern European countries. Project experiences and the tested management practices are expected to mitigate implementation risks.

Nonetheless, delays in project commencement might drive participants into problems with seed collection and later seed germination which depend on the vegetation period. In this case purchasing of required seed material should counteract a severe delay of the first pilot project: the implementation of pilot nurseries and seed parcels. Consultants will be responsible for analyses and training of personnel. A careful selection of specialists shall ensure valuable results of relevant studies in the region and high quality training in order to increase human resources and ensure sustainability of the project. Also contractors have to be chosen with caution as several installations are required in the pilot nursery within the planned four months. Concerning selection of pilot stands for seed collection, plantations, care measures and natural regeneration, sites have to be monitored carefully and on the basis of previous analyses. In case of unsuitable site selection or external calamity, other selected sites should bear potential to compensate (e.g. for sufficient seed disposal) or should pose an alternative for training purposes (plantation, care measures and natural regeneration).

Risk Matrix related to project activities

<table>
<thead>
<tr>
<th>Risk</th>
<th>Impact</th>
<th>Probability</th>
<th>Mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delay of commencement of activities</td>
<td>Problems with seed collection and plant germination</td>
<td>moderate</td>
<td>Purchasing of required seeds</td>
</tr>
<tr>
<td>Consultants do not accomplish missions</td>
<td>Insufficient results in analyses; delay in further activities; reduced training effect</td>
<td>high</td>
<td>Careful selection according to required qualification and double checking of records</td>
</tr>
<tr>
<td>adequately</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractors are not fulfilling their tasks in time</td>
<td>Delay of further activities in pilot nursery, e.g. training</td>
<td>moderate</td>
<td>Careful selection of contractors; sufficient time between installations and training</td>
</tr>
<tr>
<td>Analysis not submitted in time</td>
<td>Delay with selection of pilot stands</td>
<td>low</td>
<td>Preliminary results and consultancy for the selection of pilot sites assured, subsequent cross-checking with final results</td>
</tr>
</tbody>
</table>
Pilot stands for seed collection not appropriate

Delay in seed collection and establishment of nurseries moderate

Previous analysis by TCCT and national silviculture specialist; Monitoring of selected sites; capacity of other stands to compensate for losses

Natural regeneration in pilot stands not meaningful due to external effects (e.g. climatic, socioeconomic)

Economic loss, reduced training effects moderate

Previous analysis by TCCT and national silviculture specialist, Observation of conditions at site, adaptation to climatic constraints, selection of two distinct sites

Translations and/or interpretation missing

Poor communication and high misunderstandings between stakeholders

Fluency of English is mandatory for consultants; budget allocation is well planned

IV. IMPLEMENTATION AND MANAGEMENT ARRANGEMENTS

In order to achieve these objectives and outputs, the project envisages the following major activities.

- Scientific analysis and outlook study.
- Training workshops on forest management and administration.
- Small-scale investments in the renovation of the Razdan nursery.
- Study tour to other European countries.
- Publication of project outcomes.

A tentative time-bound work plan is presented in Annex 4. A final work plan will be developed at the start of the project.

Institutional Framework and Coordination

The project will be implemented mainly within the structure, policies and facilities built up within the Ministry responsible for the development of forests and the forestry sector -the Ministry of Agriculture and the Ministry of Environment.

The Ministry of Agriculture of RA is a state management body authorized by the Government of Republic of Armenia in the field of guarding, protection, reproduction and use of state forests (RA Governmental decision N7-N, 15 January 2004); it implements its authorities through “Hayantar” State Non-Commercial Organization and Forest Enterprises. By the same decision the Ministry of Environment is vested with functions of state control and management of specially protected forest areas.

During 1992-2003 a number of subdivisions in the structure of “Hayantar” State Closed Joint Stock Company were liquidated including forest amelioration station, forest seed station, forest protection and forest research-experimental stations. The activities of the mentioned subdivisions were aimed at implementation of afforestation, forest rehabilitation and forest protection measures, as well as increase of their efficiency.
Strategy/Methodology

The project is expected to be carried out over 22 months. It will adopt a participatory approach aiming to involve the civil society and relevant stakeholder representatives and will be implemented by using gender-sensitive approaches in line with FAO Gender Plan of Action. The project is structured into two major parts: (i) development of forest seed and plant production with emphasis on nurseries (ii) development of plantations (respectively natural regeneration) and corresponding care measures. Several pilot sites are foreseen to be used as catalyzing cells to be used during capacity building measures, also beyond the current project. As for capacity building several workshops and study tours are planned.

Government Inputs

Prior obligations and prerequisites

The Ministry of Agriculture will be responsible for the implementation of the project, in collaboration with “Hayantar” SNCO.

The Ministry of Agriculture has agreed to provide the existing facilities at the Razdan nursery as input to the project, particularly:
- 15 ha land, fenced, with infrastructure (water, waste water, electricity, phone line, gas)
- Various office and production buildings (in desolate condition)
- 1.5 km roads

Financial and/or contributions in kind

Additionally the Ministry has agreed to make a financial contribution to this project in terms of:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building a fence</td>
<td>60 000</td>
</tr>
<tr>
<td>Renovate the major building at the nursery for production (ca. 150 m²) and administration (ca. 100 m²) purposes</td>
<td>65 000</td>
</tr>
<tr>
<td>Provide and test run (4 weeks) seed processing machinery</td>
<td>12 000</td>
</tr>
<tr>
<td>Provide and install open air irrigation system (15 ha)</td>
<td>120 000</td>
</tr>
<tr>
<td>Establishment of pilot parcels for seed collection (Selection, justification, marking, documentation, approval procedures)</td>
<td>9 500</td>
</tr>
<tr>
<td>1 small wheel tractors + stapler</td>
<td>10 000</td>
</tr>
<tr>
<td>Construct green houses with plastic coverage (500 m²)</td>
<td>80 000</td>
</tr>
<tr>
<td>Total</td>
<td><strong>356 500</strong></td>
</tr>
</tbody>
</table>
Further the government will:
- provide all the necessary administrative, secretarial and logistical support, meeting and office space, training equipment and communications to ensure the smooth running of the project;
- provide the forest nursery and seed collection stands for field research, data collection and analysis and project implementation;
- facilitate access to relevant data and information sources;
- provide logistic support for facilitating of in-country training courses;
- provide additional technical support to national consultants;
- provide logistic support for FAO staff to Armenia;
- contribute to general operating expenses and supplies, as required;
- establish and chair a Steering Committee for the project;
- assign the national project coordinator (TOR’s in Annex 10) to coordinate all project activities;
- facilitate customs clearance of imported project equipment and tax-free local purchase of project equipment.

Hayantar will:
- ensure the sites for technological experiments, helps in choosing and appointing the appropriate ones with technical specialists, by virtue of site and management plan knowledge;
- take part in the management and perpetuation of pilot nursery and seed collection parcels;
- ensures the usage of regional offices for consultants;
- place the necessary information (forest management plans, maps, soil data, marketing data, etc.) at the disposal of FAO staff and project consultants.

**FAO Contributions**

1. **Personnel services**

**TCCT (Technical Cooperation among Countries in Transition) consultants**
- One TCCT Specialist in Forest Management (13 weeks in three missions, including three weeks home-based) - Terms of reference in Annex 3.1
- One TCCT Specialist in Silviculture Technologies (11 weeks in three missions, including three weeks home-based) - Terms of reference in Annex 3.2
- One TCCT Specialist in Forestry Administration (eight weeks in two missions, including two weeks home-based) - Terms of reference in Annex 3.3

**National experts and consultants**
- One National Specialist in Forest Management (30 weeks) - Terms of reference in Annex 3.4
- One National Specialist in Silviculture Technologies (28 weeks) - Terms of reference in Annex 3.5
- One National Specialist in Forestry Administration (nine weeks) – Terms of reference in Annex 3.6

**FAO Technical Support Services (TSS)**
- One Specialist in Forest Economics from SEUR (four weeks in two missions) - Terms of reference in Annex 3.7
• One Specialist in Silviculture Technologies from FOMR (four weeks in two missions) - Terms of reference in Annex 3.8

• One Specialist in Nursery Management and Administration from FOMR (two weeks in one mission) - Terms of reference in Annex 3.9

2. Official Travel

• Internal travels of consultants and FAO technical officers are included in their respective travel budget line;

• Internal travels of FAO local staff (FAOR) is covered under budget line 5661;

3. Contracts, letters of agreements or contractual service agreements

Under the general supervision of the Sub-Regional Office for Central and Eastern Europe (SEUR), the technical supervision of the Chief, FOMR, the direct technical supervision of the Forestry Officer (SEUM), and in close collaboration with the national and international consultants to the project, the National Project Coordinator, relevant authorities and the FAO, the contractor/s will carry out the work as listed in the table below:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forklift for transport of pallets with goods in the pilot nursery</td>
<td>6 000</td>
</tr>
<tr>
<td>Selection and marking of seed parcels 10 ha</td>
<td>8 000</td>
</tr>
<tr>
<td>Translation and Interpretation</td>
<td>7 500</td>
</tr>
<tr>
<td>Web page development</td>
<td>3 000</td>
</tr>
</tbody>
</table>

The detailed terms of reference will be drawn up during the first phase of the project by the TCCT consultant in seed and plant production in close collaboration with other concerned project staff and counterpart entities. The final TORs will be cleared by the LTU and LTO.

4. Materials, supplies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply materials for plants pots (250 000 plants) for the pilot nursery</td>
<td>30 000</td>
</tr>
</tbody>
</table>
5. Equipment

<table>
<thead>
<tr>
<th>Subject</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer + printer + fax + xerox etc.</td>
<td>4 000</td>
</tr>
<tr>
<td>Other equipment</td>
<td>4 300</td>
</tr>
<tr>
<td>Automatic irrigating, heating and air regulating systems for green house (4 weeks test run) for the pilot nursery</td>
<td>35 000 (*)</td>
</tr>
<tr>
<td>Provide and install cooling cameras for seed and plant stocks (15 m3) including shelves/boards for pilot nursery</td>
<td>15 000 (*)</td>
</tr>
<tr>
<td>Machine for mixing and filling of soil (500 000 pieces /year) including working tables for pilot nursery</td>
<td>15 000 (*)</td>
</tr>
<tr>
<td>Laboratory equipment for seed quality analysis</td>
<td>12 000 (*)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>85 300</strong></td>
</tr>
</tbody>
</table>

(*) These equipments items, although presented here under equipment, may be part of the contract, if appropriate.

6. Training

**In-country training:**

- One one-day inception workshop for 60 participants to inform major stakeholder representatives and the public about the expected outputs and activities of the project and to obtain suggestion on the most suitable and acceptable methods to be applied (USD1 900, including transport, hire of suitable rooms, materials, interpretation etc.);
- One five days training workshop for 50 participants to disseminate modern approaches in seed collection and plant production (USD14 750, including transport, hire of suitable rooms, materials, interpretation etc.);
- One two days training workshop for 30 participants on administration related to seed collection and plant production (USD4 350, including transport, hire of suitable rooms, materials, interpretation etc.);
- One three days training workshop for 20 participants to disseminate modern plantation methods (USD4 400, including transport, hire of suitable rooms, materials, interpretation etc.);
- One three days training workshop for 20 participants to disseminate newest silviculture approaches for natural regeneration (USD4 400, including transport, hire of suitable rooms, materials, interpretation etc.);
- One three days training workshop for 40 participants on care measures for plantations and natural regeneration (USD7 700, including transport, hire of suitable rooms, materials, interpretation etc.).
• One three days training workshop for 30 participants to disseminate experiences in plantations, based on FAO guidelines (USD 6 050, including transport, hire of suitable rooms, materials, interpretation etc.);

• One day closing workshop with 60 stakeholder representatives and donors to present the outcomes of the project, particularly the policy relevant recommendations on the development of seed and plant production in Armenia (USD 1 900 including transport, hire of suitable rooms, materials, interpretation etc.);

*External training:*

• Study tour on management and administration of plantation and seed and plant production - 10 days * 2 participants * 250 USD (DSA) + 2 * USD 1 000 (ticket)

7. General Operating Expenses

To cover expenses related to the costs of operating the project including the reproduction of communications and other materials.

8. Direct Operating Costs

Direct operating costs are required to cover operating costs related to the project management by FAO.
V. OVERSIGHT, MONITORING, MANAGEMENT INFORMATION AND REPORTING

Monitoring and Knowledge Sharing

FOMR will be the FAO’s Lead Technical Unit (LTU) for the project responsible for the final technical outcome of the assistance. The LTU officer (LTO) responsible for monitoring the implementation of the project will be with the Forestry Officer at SEUR. The project budget will be monitored by FAO budget holder. Contracts with consultants and Letters of Agreements with contractors will be handled by FAO/SEUR.

A Steering Committee will be established, composed of about 5-8 members from among senior managers of the major stakeholder groups (Ministries of Agriculture and institutions and associations concerned with forestry and the environment, NGO’s related to forest management, research and university community, etc.) The sessions of the Committee will be convened by the National Project Coordinator. He also invites the FAO/SEUR to any upcoming Steering Committee sessions. The Committee will meet on a regular basis, not less than once every six months. It’s the responsibility of the NPC to report to FAO/SEUR on the outcomes of the Steering Committee sessions.

Communication and Visibility

The one-day inception workshop is expected to inform major stakeholder representatives and the public about the expected outputs and activities of the project and to obtain suggestion on the most suitable and acceptable methods to be applied. The NPC will prepare a press release and invite media representatives for making the public aware about the project implementation.

A project web page will be designed on the base of work in progress, and will be linked from major web pages related to forest management, e.g. through the steering committee members.

The one-day closing workshop is planned to take place back-to-back with the inauguration of renewed nursery in Razdan. For this purpose Senior Management of the Armenian government will be invited. The workshop is expected to discuss and disseminate major project outcomes, particularly the policy relevant recommendations, related to afforestation and reforestation in Armenia. The NPC will prepare a press release and invite media representatives (incl. TV) for making the public aware about the project outcomes.

Reporting Schedule

Each international and national consultants as well as FAO backstopping officer will submit a report on his/her activities at the end of each separate mission.

The national project coordinator will submit six-monthly updates to FAO on the progress of the project, preferably on the base of outcomes of the regular steering committee sessions.

The national project coordinator will prepare a draft terminal statement in close collaboration with the LTO, for finalization at FAO headquarters and transmission to the Government of Armenia, as per established procedures.
**Annex 1**

**PROJECT BUDGET in USD**

**Country:** Armenia  
**Project title:** Afforestation and reforestation  
**Project symbol:** TCP/ARM/3203 (D)

<table>
<thead>
<tr>
<th>Comp.</th>
<th>Component Description</th>
<th>Sub Comps.</th>
<th>Main Comp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5013</td>
<td>Consultants</td>
<td></td>
<td>78,260</td>
</tr>
<tr>
<td>5543</td>
<td>Consultants - National</td>
<td></td>
<td>46,900</td>
</tr>
<tr>
<td>5544</td>
<td>Consultants - TCDC/TCCT</td>
<td></td>
<td>31,360</td>
</tr>
<tr>
<td>5014</td>
<td>Contracts</td>
<td></td>
<td>24,500</td>
</tr>
<tr>
<td>5650</td>
<td>Contracts Budget</td>
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<td>24,500</td>
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<tr>
<td>5020</td>
<td>Overtime</td>
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<td>5652</td>
<td>Casual Labour - Temporary Assistance</td>
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<td>5021</td>
<td>Travel</td>
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<td>74,004</td>
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<tr>
<td>5661</td>
<td>Duty travel others (only FAO staff)</td>
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<td>5686</td>
<td>Consultants - TCDC/TCCT</td>
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<td>5694</td>
<td>Travel - Training</td>
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<td>5692</td>
<td>Travel TSS</td>
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<td>5023</td>
<td>Training</td>
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<td>5920</td>
<td>Training Budget</td>
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<td>5024</td>
<td>Expendable Equipment</td>
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<td>6000</td>
<td>Expendable Equipment</td>
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<td>5025</td>
<td>Non Expendable Equipment</td>
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<td>85,300</td>
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<td>Non Expendable Equipment Budget</td>
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<td>85,300</td>
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<tr>
<td>5027</td>
<td>Technical Support Services</td>
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<td>6111</td>
<td>Report Costs</td>
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<td>6120</td>
<td>Honorarium TSS</td>
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<td>5028</td>
<td>General Operating Expenses</td>
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<td>General Operating Expenses Budget</td>
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<td>5029</td>
<td>Support Cost</td>
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<tr>
<td>6118</td>
<td>Direct Operating Costs</td>
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<td>28,262</td>
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</table>

**Grand Total** 432,000
THE LOGICAL FRAMEWORK

In the following scheme the interlinkages of the course of action, outcomes and outputs are presented and their association with the project goal to contribute to the development of forests in Armenia and to improve economic prosperity in rural areas. In the initial stage of the project stakeholders are identified, a steering committee established and responsibilities assigned. An inception workshop is embedded into the preparation phase and will present the project framework to the public and all involved stakeholders.

In order to develop seed collection and nurseries in Armenia and to contribute to the development of plantations and natural regeneration four pillars (below represented by the outcomes) form the project proceedings comprising analyses and concept elaboration, pilot projects, training in forest management and administration and awareness raising within the public.

These outcomes will be realized throughout outputs related to the four mentioned tasks. At the same time outputs indicate accomplished actions described in detail in the attached work plan (Annex 4).
Annex 3.1

TERMS OF REFERENCE

TCCT Specialist in Forest Management

Duty Station: Armenia, Yerevan, with field visits

13 weeks in three missions (ten weeks in the field and three weeks home-based)

Duration: desk-work

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the TCCT Specialist in Forest Management will undertake the following duties:

First Mission (three weeks, see Workplan)
- help on the elaboration of an analysis of seed production stands and nurseries in Armenia;
- assist the forecast on seed and plantation material demand (structured by tree species, regions);
- contribute to the general management concept on the commercialization of nurseries;

Second Mission (four weeks, see Workplan)
- lead the analysis of the pilot nursery and development of an applied management concept;
- contribute to the elaboration of a concept for setting up of ten pilot seed collection stands;
- assist the implementation of the contracts on the pilot nursery;

Third Mission (three weeks, see Workplan)
- participates in a training workshop in management of seed and plant production;
- contribute to the analysis of afforestations and reforestation methods;
- assist the implementation of the contracts on six pilot stands (two plantation, two care, two natural regeneration).

Qualifications:
The TCCT Specialist in Forest Management will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.
- a degree from a recognised, reputable university or institute related to Forest Management;
- at least five years of experiences and good working knowledge of Forest Management;
- fluency in the English language is mandatory.
TERMS OF REFERENCE

TCCT Specialist in Silviculture Technologies

Duty Station: Armenia, Yerevan, with field visits

11 weeks in three missions (eight weeks in the field and three weeks home-based)

Duration: desk work)

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the TCCT Specialist in Silviculture Technologies will undertake the following duties:

First Mission (three weeks, see Workplan)
- contribute to the elaboration of a forecast on seed and plantation material demand (structured by tree species, regions);
- provide help to the analysis of the pilot nursery and development of an applied management concept;
- assists the development of a concept for ten pilot seed collection stands.

Second Mission (three weeks, see Workplan)
- assist the implementation of the contracts on the pilot nursery;
- facilitate the implementation of the contracts on the seed parcels;
- aid the elaboration of a concept for natural regeneration and plantation methods.

Third Mission (two weeks, see Workplan)
- facilitate the training in modern plantation methods;
- support and participate in the training workshop on silviculture methods for natural regeneration;
- contribute with a presentation to the training in care measures for plantations.

Qualifications:
The TCCT Specialist in Silviculture Technologies will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.
- a degree from a recognised, reputable university or institute related to Silviculture Technologies;
- at least five years of experiences and good working knowledge of Silviculture Technologies;
- fluency in the English language is mandatory.
TERMS OF REFERENCE

TCCT Specialist in Forestry Administration

Duty Station: Armenia, Yerevan, with field visits

Eight weeks in two missions (six weeks in the field and two weeks home-based desk)

Duration: work

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the TCCT Specialist in Forestry Administration will undertake the following duties:

First Mission (three weeks, see Workplan)
- contribute and participate in a training on administration related to seed collection and plant production;
- contribute to the organization of a study tour on seed and plant production to a Central or Western European country;
- contribute to the analysis of afforestation and reforestation methods.

Second Mission (three weeks, see Workplan)
- help the elaboration of a concept for plantation methods and natural regeneration;
- organise and participate the training in administration of afforestation and reforestation (FAO guidelines);
- organise a study tour on management and administration of afforestation and reforestation.

Qualifications:
The TCCT Specialist in Forestry Administration will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.
- a degree from a recognised, reputable university or institute related to Forestry Administration;
- at least five years of experiences and good working knowledge of Forestry Administration;
- fluency in the English language is mandatory.
Annex 3.4

TERMS OF REFERENCE

National Specialist in Forest Management

Duty Station: Armenia, Yerevan, with field visits

Duration: 30 weeks

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the National Specialist in Forest Management will undertake the following duties:

● elaborate responsibly the economic analysis of existing seed production stands and nurseries in Armenia;
● lead the forecast on seed and plantation material demand (structured by tree species, regions);
● draft a general management concept on the commercialization of nurseries;
● support the analysis of the pilot nursery and development of an applied management concept;
● lead the elaboration of the concept for the establishment ten pilot seed collection stands;
● take the lead the implementation of the contracts for the pilot nursery;
● guide the implementation of the contracts on the seed parcels;
● support and make a presentation during the planned training workshop in management of seed and plant production;
● organise a training workshop on administration related to seed collection and plant production;
● draft an analysis of afforestation and reforestation methods;
● contribute to the elaboration of a concept for natural regeneration and plantation methods;
● assist the implementation of the contracts on six pilot stands (two plantation, two care, two natural regeneration);
● facilitate the training in modern plantation methods;
● support the training in silviculture methods for natural regeneration;
● contribute to the training in care measures for plantations;
● support the training in administration of afforestation and reforestation (FAO guidelines);
● contribute to the organisation of a study tour on management and administration of afforestation and reforestation;
● lead the publication on project outcomes and the setup of a corresponding website.

Qualifications:

The National Specialist in Forest Management will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up.

● a degree from a recognised, reputable university or institute related to Forest Management;
● at least five years of experiences and good working knowledge of Forest Management;
● fluency in the English language is mandatory.
TERMS OF REFERENCE

National Specialist in Silviculture Technologies

Duty Station: Armenia, Yerevan, with field visits

Duration: 28 weeks

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the National Specialist in Silviculture Technologies will undertake the following duties:

- bring in silviculture aspects into analysis of existing seed production stands and nurseries in Armenia as well as to the elaboration of a forecast on seed and plantation material demand (structured by tree species, regions);
- contribute to the general management concept on the commercialization of nurseries;
- support the analysis of the pilot nursery and development of an applied management concept;
- contribute to the concept for ten pilot seed collection stands;
- assist the implementation of the contracts on the pilot nursery;
- facilitate the implementation of the contracts on the seed parcels;
- support the training workshop in management of seed and plant production;
- contribute to the analysis of afforestation and reforestation methods;
- lead the elaboration of a concept for natural regeneration and plantation methods;
- guide the implementation of the contracts on six pilot stands (two plantation, two care, two natural regeneration);
- organise and participate in a training workshop on modern plantation methods;
- organise and contribute to the implementation of a training workshop on natural regeneration as well as care measures for plantations;
- assist the organisation of a one-day closing workshop;
- support the publication of project results and setup of a web site on the outcomes of the project.

Qualifications:
The National Specialist in Silviculture Technologies will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up.

- a degree from a recognised, reputable university or institute related to Silviculture Technologies;
- at least five years of experiences and good working knowledge of Silviculture Technologies;
- fluency in the English language is mandatory.
Annex 3.6

TERMS OF REFERENCE

National Specialist in Forestry Administration

Duty Station: Armenia, Yerevan, with field visits

Duration: nine weeks

Under the general supervision of the SEUR and the technical supervision of FOMR and the SEUR/Forestry Officer and in close collaboration with other consultants and counterparts the National Specialist in Forestry Administration will undertake the following duties:

- organise the workshop on administration related to seed collection and plant production;
- support the organisation of a study tour on seed and plant production to a Central or Western European country;
- contribute to the analysis of afforestations and reforestation methods;
- aid the elaboration of a concept for natural regeneration and plantation methods;
- organise and make a presentation on the workshop on administration of afforestation and reforestation (FAO guidelines);
- contribute to the organization of a study tour on management and administration of afforestation and reforestation;
- provide help to the publication (web site) of project outcomes;
- draft input to the project terminal statement.

Qualifications:

The National Specialist in Forestry Administration will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up.

- a degree from a recognised, reputable university or institute related to Forestry Administration;
- at least five years of experiences and good working knowledge of Forestry Administration;
- fluency in the English language is mandatory.
TERMS OF REFERENCE

TSS Specialist in Forest Economics, FO/SEUR

Duty Station: Armenia, Yerevan, with field visits

Duration: four weeks in two missions

Under the general supervision of the SEUR and the technical supervision of Forestry Department and in close collaboration with other consultants and counterparts the TSS Specialist in Forest Economics will undertake the following duties:

First Mission (two weeks, see Workplan)
● contribute to the general management concept on the commercialization of nurseries;
● support the analysis of the pilot nursery and development of an applied management concept;
● assist the implementation of the contracts on the pilot nursery.

Second Mission (two weeks, see Workplan)
● facilitate the implementation of the contracts on the seed parcels;
● enrich the analysis of afforestations and reforestation methods with economic aspects;
● support the organisation of a one-day closing workshop.

Qualifications:
The TSS Specialist in Forest Economics will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.

● a degree from a recognised, reputable university or institute related to Forest Economics;
● at least five years of experiences and good working knowledge of Forest Economics;
● fluency in the English language is mandatory.
TERMS OF REFERENCE

TSS Specialist in Silviculture Technologies, FOMR

Duty Station: Armenia, Yerevan, with field visits

Duration: four weeks in two missions

Under the general supervision of the SEUR and the technical supervision of Chief, FOMR and in close collaboration with the SEUR/Forestry Officer and other consultants and counterparts the TSS Specialist in Silviculture Technologies will undertake the following duties:

First Mission (two weeks, see Workplan)
- provide guidance for the forecast on seed and plantation material demand (structured by tree species, regions);
- contribute to the concept for ten pilot seed collection stands;
- support and participate in the training workshop in management of seed and plant production.

Second Mission (two weeks, see Workplan)
- assist the contracts on six pilot stands (two plantation, two care, two natural regeneration);
- support the training in administration of afforestation and reforestation (FAO guidelines);
- support the drafting of the project terminal statement.

Qualifications:
The TSS Specialist in Silviculture Technologies will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.
- a degree from a recognised, reputable university or institute related to Silviculture Technologies;
- at least five years of experiences and good working knowledge of Silviculture Technologies;
- fluency in the English language is mandatory.
Annex 3.9

TERMS OF REFERENCE

TSS Specialist in Nursery Management and Administration, FOMR

Duty Station: Armenia, Yerevan, with field visits

Duration: two weeks in one mission

Under the general supervision of the SEUR and the technical supervision of the Chief FOMR and in close collaboration with the SEUR/Forestry Officer and other consultants and counterparts the TSS Specialist in Forest Policy will undertake the following duties:

● provide assistance to the training workshop on administration related to seed collection and plant production;
● help with the elaboration of a concept for natural regeneration and plantation methods;
● support the training in administration of afforestation and reforestation (FAO guidelines).

Qualifications:

The TSS Specialist will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up.

● a degree from a recognised, reputable university or institute related to Forestry;
● at least five years of experiences and good working knowledge of administration matters related to seed collection and plant production;
● fluency in the English language is mandatory.
TERMS OF REFERENCE

National Project Coordinator

Duty station: Armenia, Yerevan, with field visits

Duration: Entire project duration

The national project coordinator will be nominated by the Government of Armenia. He/she will:

- organize the Steering Committee (including stakeholder representatives) and convenes its meetings on a regular base (once half a year);
- prepare of a detailed Program of Work (activities, responsibilities and deadlines) for approval by the Steering Committee;
- support the identification and appointment of TCCT and national consultants and the identification and appointment of contractors;
- organize a local (village) group at the pilot nursery and seed parcels area and convene its regular meetings;
- organize a one-day inception workshop;
- coordinate the various project Activities and Outputs of TCCT, national and FAO technical officers (TSS) by time and content of work, particularly with regard to their contributions to the training workshops;
- monitor project progress and report on a regular base and report to FAO on work progress;
- coordinate the interrelations with the various state institutions linked to the project, namely the Ministry of Agriculture;
- coordinate particularly the various contributions to the final project report (publication and web site) and makes the editing and layout;
- assist the six project workshops;
- organise a one-day closing workshop;
- prepares the draft project terminal statement.

Qualifications:

- degree in forest management with at least five years of practical management experiences, records in nurseries and seed collection are desirable;
- fluency in the English and Armenian language is mandatory.
### WORKPLAN

<table>
<thead>
<tr>
<th>Activity</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification and appointment of a National Project Coordinator</td>
<td></td>
</tr>
<tr>
<td>Establishment of a Steering Committee (First meeting), incl. major stakeholder groups</td>
<td></td>
</tr>
<tr>
<td>Preparation of a detailed Program of Work (activities, responsibilities and deadlines)</td>
<td></td>
</tr>
<tr>
<td>Identification and appointment of TCCT and national consultants</td>
<td></td>
</tr>
<tr>
<td>Identification and appointment of contractors</td>
<td></td>
</tr>
<tr>
<td>Establishment of local (village) groups at the pilot spots</td>
<td></td>
</tr>
<tr>
<td>Organisation of a one-day inception workshop</td>
<td></td>
</tr>
<tr>
<td>Economic analysis of existing seed production stands and nurseries in Armenia</td>
<td></td>
</tr>
<tr>
<td>Elaboration of a forecast on seed and plantation material demand (structured by tree species, regions)</td>
<td></td>
</tr>
<tr>
<td>General management concept on the commercialization of nurseries</td>
<td></td>
</tr>
<tr>
<td>Analysis of the pilot nursery and development of an applied management concept</td>
<td></td>
</tr>
<tr>
<td>Concept for 10 pilot seed collection stands</td>
<td></td>
</tr>
<tr>
<td>Implementation of the contracts on the pilot nursery</td>
<td></td>
</tr>
<tr>
<td>Implementation of the contracts on the seed parcels</td>
<td></td>
</tr>
<tr>
<td>Training workshop on management of seed and plant production</td>
<td></td>
</tr>
<tr>
<td>Training on administration related to seed collection and plant production</td>
<td></td>
</tr>
<tr>
<td>Organisation of a study tour on seed and plant production to a Central or Western European country</td>
<td></td>
</tr>
<tr>
<td>Analysis of afforestations and reforestation methods</td>
<td></td>
</tr>
<tr>
<td>Elaboration of a concept for natural regeneration and plantation methods</td>
<td></td>
</tr>
<tr>
<td>Implementation of the contracts on 6 pilot stands (2 plantation, 2 care, 2 natural regeneration)</td>
<td></td>
</tr>
<tr>
<td>Training in modern plantation methods</td>
<td></td>
</tr>
<tr>
<td>Training in silviculture methods for natural regeneration</td>
<td></td>
</tr>
<tr>
<td>Training in care measures for plantations and natural regeneration</td>
<td></td>
</tr>
<tr>
<td>Training in administration of afforestation and reforestation (FAO guidelines)</td>
<td></td>
</tr>
<tr>
<td>Organisation of a study tour on management and administration of afforestation and reforestation</td>
<td></td>
</tr>
<tr>
<td>Organisation of a one-day closing workshop</td>
<td></td>
</tr>
<tr>
<td>Publication and web site on the outcomes of the project</td>
<td></td>
</tr>
<tr>
<td>Preparation of the draft project terminal statement</td>
<td></td>
</tr>
</tbody>
</table>
### Table 1: Projects in the forestry sector, related to nurseries, plant and seedling production

<table>
<thead>
<tr>
<th>Donor</th>
<th>Period</th>
<th>Objective/Activities</th>
<th>Estimated Budget, USD</th>
<th>Link to the objectives of the current project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan Government Grant</td>
<td>2005-ongoing</td>
<td>Rehabilitation of forest and afforestation forest plantations up to 400 ha annually including fencing and irrigation, expected up to 2010</td>
<td>1 180 000 annually</td>
<td>Same objective as the current project, but focus on equipment; the gap remains in capacity building for seed collection and nurseries to be addressed by the current project</td>
</tr>
<tr>
<td>Armenia Tree Project NGO</td>
<td>1994-ongoing</td>
<td>Major objective is to plant forest trees on the base of public, partly voluntary contributions, financing through foreign Armenians</td>
<td>95 000 in 2006</td>
<td>Same objective as the current project, focus on only two villages with about 77 ha in 2006, further increase is expected for coming years. This project lacks obviously in silviculture expertise and would thus benefit from the outcomes of the proposed TCP project</td>
</tr>
<tr>
<td>Armenian Forest NGO</td>
<td>Ongoing</td>
<td>Public awareness, reforestation</td>
<td>no information</td>
<td>This project complements the current project Outcome 3 in terms of raising of public awareness</td>
</tr>
<tr>
<td>Green Land NGO</td>
<td>2001-ongoing</td>
<td>Support to development of forests on the base of 3 nurseries, financing governmental and international projects.</td>
<td>25 000 in 2006</td>
<td>Same objective as the current project, priority is given to regional and community administration; Green Land has capacities for training in forest plantations and could be a potential partner for capacity building in the framework of the current project</td>
</tr>
<tr>
<td>SIDA/ Armenian Agro University</td>
<td>2004-2007</td>
<td>Capacity building on higher forest education</td>
<td>800 000</td>
<td>Contributes to human capacity building in silviculture methods, but impacts can be expected only in medium-or even long-term</td>
</tr>
<tr>
<td>Norwegian Forest Group</td>
<td>2007-2008</td>
<td>Community Forestry Development The project aims for development of capacities with regard to forest management plans in three pilot communities</td>
<td>322 000</td>
<td>There is only marginal overlapping with the current project, as the current project will not target specifically for forest management planning.</td>
</tr>
<tr>
<td>World Bank, out of which:</td>
<td>2002-2008</td>
<td>Natural Resource Management and Poverty Reduction Project/ Armenian Forest Development Project</td>
<td>on forestry 5 700 000</td>
<td>This project addresses afforestation and reforestation just in very broad terms and will thus only insufficiently contribute to capacity building in this particular field</td>
</tr>
</tbody>
</table>