

## **Report**

### **On conducting of four regional workshops**

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The forests are a fundamental basis of environmental structure of the Earth but forest products and services are the most substantial component of ‘green economy’. Forests can significantly contribute into the processes aimed at greening of national economy, and therefore potential of forests shall be widely considered and utilized.

To elaborate on possible ways for forestry inputs into the process of greening of national economy, four regional (provincial level) have been conducted in Uzbekistan within the UNECE/FAO project on capacity building of forestry for greening national economies in countries of Caucasus and Central Asia. In this regard, the national consultant jointly with experts from the Main Administration of Forestry (MAF) of Uzbekistan has selected four regions. Those regions were selected depending on amount of forest planting lands and types of forests. Thus, it was decided to conduct the workshops in the following cities: Nukus (as the area of environment disaster where 25 thousand ha of forest plantations are established annually), Bukhara (area of desert forests), Samarkand (piedmont forests), and Fergana (valley forests). To ensure successful workshops’ course and coordination of all required arrangements, MAF senior management has issued the corresponding order (scanned copy of the order and its unofficial English translation are enclosed). At the same time, logistics arrangements (providing with LCD projector required for delivering presentations, procurement of stationeries, organization of lunch/coffee breaks for workshops’ participants, and purchase of air tickets) have been undertaken by UNDP but workshops were conducted in the venues (provided free of charge) of the relevant sub-divisions of MAF. Moreover, those MAF subdivisions selected the workshops’ participants, sent invitations (scanned copy and its unofficial English translation), and ensured the attendance of selected participants.

The agenda of one-day workshops included one coffee break and lunch. They were conducted in informal way with proactive work of the participants. All training materials, presentations and slides have been translated into Uzbek and handouts were prepared and available in Uzbek/Russian but workshops were conducted in Uzbek, and based on the participants’ request in Russian.

The workshop participants (see, Annex I) were informed about the goal and objectives of UNECE/FAO project that shall be achieved within its implementation. Principles of green economy and issues related to sustainable forest management were also introduced to the participants/ Moreover, within the interactive communication, participants learnt about the need of maximal involvement of stakeholders into the process of designing of development strategy of any sector of national economy. Draft concept of forestry development up to 2030 in Uzbekistan has been presented to the participants, and they assessed the current situation and status of national forestry through execution of the individual exercise on ‘Method for Quick Assessment’. The workshop attendees worked in groups and executed the exercises such as ‘Problem Analysis Method’, ‘Procedure on Analysis of Property Right, Rights and Motivations in Forestry’, and ‘SWOT Analysis of Forestry’. Problems typical for forestry, barriers preventing improvements in forestry, and corresponding strengths and weaknesses have been identified, and

recommendations on how to overcome those barriers and implement improvements required for the discussed draft concept on forestry development have been formulated.

### Proposals and comments provided by the workshop participants

#### *Nukus:*

- Establish working groups under the rural citizens gathering meetings that will oversee and monitor distribution of firewood among the members of rural communities;
- Establish small-scale production sites on firewood pellet manufacturing under the local government forest farms;
- At consideration of experience gained within various international organizations, undertake measures aimed at efficient combination 'Energy of Desert', i.e. usage of desert lands for power generation by Photovoltaic. Generated electrical energy can be used for, *inter alia*, powering of submersible pumps that will result in increase of irrigated lands and increase of afforestation as a tool to combat desertification processes as well as production of firewood;
- Increase environmental awareness of local population through establishing and functioning environment points under the rural citizens gathering meetings;
- Majority of regulations are outdated, for instance standards for consumption of fuels and lubricants and/or payments for planting forest-protecting belts that reduce efficiency and amount of works but this, in its turn, enables moving of sands.

#### *Bukhara:*

- In practice, nobody has understanding about what is the green economy and what are its principles; however, all are aware about the renewable energy;
- Introduce the corresponding environment-related curricula in schools, colleges, lyceums and universities;
- Consider and use traditional practices on fuel production using mixture of wood pulp, various bio-wastes and livestock manure;
- There is poor awareness of private sector about benefits can be generated by applying environment-friendly approaches/projects;
- Creation of incentives for private sector to encourage it for growing the particular valuable kinds of forest trees applicable for greening purposes and establishing energy wood plantations with use of the fast-growing plants additionally to the presently available plantations of the fast-growing kinds of trees (poplars to be used as wood for construction needs);
- It is of the greatest importance, to achieve independence and real self-dependency of MAF that will enable successful implementation of many tasks and objectives.

#### *Samarkand:*

- The strengths of forestry in Uzbekistan include execution of forestry primary and secondary legislation and regulations, satisfactory amounts of erosion-protection plantations; afforestation with consideration of local conditions, large-scaled introduction and establishment of fast-growing plantations (production of construction wood); however, there are some weaknesses such as deterioration of forest species properties that

is resulted from insufficient level of their treatment, lack of contacts between the MAF belonging subdivisions and private/farming entities, poor coverage of activities implemented by MAF at local level by national mass media, and lack of concept on ‘science-based forestry’;

- It is recommended to initiate production and setup of the specialized machinery and equipment to cover the forestry needs;
- Improve selection of seed breeding and planting stock of the particularly valuable species;
- Develop the process charts for each type of forestry-based works/activities;
- Attract and involve private and farming entities into joint implementation of forestry-based works/activities;
- Allocate lands from the national government land reserve to implement the forestry-based works/activities;
- Simplify and enable access to bank credits/soft loans purposed for implementation of forestry-based works/activities.

*Fergana:*

- Poor awareness of local population and private sector about the range of products and services provided by the subdivisions belonging to MAF. To overcome this barrier, wider and more efficient use of mass media, namely local TV and radio channels as well as local press, banners and posters posted at public transport stations, etc. shall be undertaken;
- Arrange forestry belonging shops and supermarkets that will sell forest products;
- Create favorable conditions for leasing the modern machinery and equipment using for implementation of forestry-based works/activities;
- There are some difficulty with access credits as this requires collaterals, and therefore credit accessing terms shall be reconsidered to enable credit access and repayment;
- Create incentives for local population through attracting investments required for development of private horticulture;
- Lease or rent forest lands by initiative, proactive and enterprising individuals.

**Based on analysis of provided recommendations and comments as well as with considering findings of national workshop conducted in October, 2014, the National Consultant has formulated the following conclusions:**

1. Increase awareness of local populations, private sector (especially small and medium enterprises) about forest importance and its impacts on environment.
2. Provide decision-makers with the relevant and required information on forestry services.
3. Develop a methodology on assessment of forestry services.

4. Upgrade skills and qualifications of all level forestry experts; familiarize them with the advanced approaches and best practices on sustainable forestry management as well as with the advanced forestry-related technologies.

5. Strengthen forestry planning processes.

6. Establish wood plantations using the fast-growing forest species that are aimed at production of firewood with its processing into the fuel pellets (granules). To achieve this, regulations allowing establishing energy-focused plantations and shifting into the principles of targeted forestry shall be developed and adopted.

7. Learn international experience and best practices related to wood energy use technologies; and introduce and apply the best practices adjusted to national environment and priorities. Implement also traditional approaches on planting the drought-resistant forest species, e.g. saxaul that doesn't require specialized watering, i.e. it uses the waters came from natural precipitations, as it had been widely used as fire wood in the past.

8. Improve forestry legislation with consideration of 'green economy' principles and requirements.

National Consultant: Said Inogamov.

## Annex I. The Workshops participants list.

List of the Nukus Workshop participants

January 19, 2015

<b>№</b>	<b>Surname</b>	<b>Position</b>	<b>Place of Work</b>
1	Shagilov K.	Deputy Head	Main Forestry Department in Karakalpakstan (MFDK)
2	Ibragimov A.	Deputy Head	MFDK
3	Ismailov I.	Chief Accountant	MFDK
4	Auyezov K.	Economist	MFDK
5	Ametov A.	Engineer	MFDK
6	Tursinov D.	Expert	MFDK
7	Embergenova L.	Leading Expert	MFDK
8	Allanazarov O.	Expert	Forestry Cadastre Service
9	Berdimuratov G.	Expert	Forestry experiment station in Karakalpakstan
10	Yeshniyazov K.	Chief Forester	Forestry Governmental Farm in Hodzhely District
11	Dogdanov D.	Engineer	Forestry Governmental Farm in Hodzhely District
12	Yuldashev K.	Chief Forester	Forestry Governmental Farm in Nukus Region
13	Akimniyazov E.	Chief Forester	Specialized Forestry Governmental Farm in Nukus District
14	Berdibekov Sh.	Specialist	Specialized Forestry Governmental Farm in Nukus District
15	Shaudirbaev A.	Chief Specialist	Forestry Governmental Farm in Muynak District
16	Saparov Kh.	Chief Accountant	Forestry Governmental Farm in Hodzhely District
17	Palimbetov K.	Forester	Specialized Forestry Governmental Farm in Nukus

			District
18	Reymov K.	Farmer	Farm in Nukus District
19	Ametov B.	Staff member	Committee on Nature Protection in Karakalpakstan
20	Utambetov M.	Head	Coal Enterprise in Karakalpakstan
21	Muratbaev A.	Director	Affiliated Branch of JSC Capital Sugurta (Insurance Enterprise) in Karakalpakstan
22	Ganiev M.Sh.	Director	Republican Forestry Training Center
23	Inogamov S.A	Consultant	Project UNDA

List of the Bukhara Workshop participants

January 23, 2015

<b>№</b>	<b>Surname</b>	<b>Position</b>	<b>Place of Work</b>
1	Ibragimov R. Y.	Head	Forestry Governmental Farm in Vabkent District
2	Jumaev K. T.	Head	Forestry Governmental Farm in Peshkun District
3	Ashurov T. M.	Head	Forestry Governmental Farm in Romitan District
4	Kenjaev M.D.	Master	Forestry Governmental Farm in Peshkun District
5	Akhmedov I.Sh.	Forester	Forestry Governmental Farm in Peshkun District
6	Kalandarov T.M	Forester	Forestry Governmental Farm in Romitan District
7	Khokiev R.Y	Head	Seed Laboratory, Central Forestry Department in Bukhara Province
8	Soibov M.G.	Leading Beekeeper	Central Forestry Department in Bukhara Province
9	Turaev T.	Farmer	Vabkent District
10	Khamraev Kh.	Farmer	Vabkent District
11	Turdiyev Sh.	Forester	Forestry Enterprise 'Alat'
12	Badirov G.G	Farmer	Forest Enterprise 'Neftchi'
13	Nazarov A.	Forester	Forestry Governmental Farm in Karaulbazar District
14	Rajabov S.	Forester	Forestry Governmental Farm in Shafrikan District
15	Aminov Sh.	Chief Forester	Forestry Governmental Farm in Karakul District
16	Brovkina G.B.	Chief accountant	Central Forestry Department in Bukhara Province

17	Jakhonov T. S.	Economist	Central Forestry Department in Bukhara Province
18	Sabirova D. A.	HR clerk	Central Forestry Department in Bukhara Province
19	Ametov B.	Specialist	State Committee on Nature Protection in Bukhara Province
20	Aliev B.Kh.	Forester	Forestry Governmental Farm in Romitan District
21	Kuldashev S.	Forester	Forestry Governmental Farm in Gijduvon District
22	Sultanov A.	Farmer	Gijduvon District
23	Ganiev M.Sh.	Director	Republican Forestry Training Center
24	Inogamov S.A	Consultant	Project UNDA

List of the Samarqand Workshop participants

February 3, 2015

<b>№</b>	<b>Surname</b>	<b>Position</b>	<b>Place of Work</b>
1	Negmatov G.F.	Senior Forester	Central Forestry Department in Samarqand Province
2	Jalabov O.R.	Engineer	Central Forestry Department in Samarqand Province
3	Tulakov N.T.	Agronomist	Central Forestry Department in Samarqand Province
4	Rustamova N.SH.	Accountant	Central Forestry Department in Samarqand Province
5	Rustamov F.B.	Specialist	Central Forestry Department in Samarqand Province
6	Rakhmatova M.Sh.	Clerk	Central Forestry Department in Samarqand Province
7	Khalimova A.Kh.	Beekeeper	Farm in Samarqand District
8	Orziev L.	Beekeeper	Farm in Samarqand District
9	Makhkamov Sh.Sh.	Forester	Central Forestry Department in Samarqand Province
10	Kuchkarov J.M.	Forester	Central Forestry Department in Samarqand Province
11	Esanov Y.	Forester	Central Forestry Department in Samarqand Province
12	Berdikulov Sh.A.	Teacher	Samarkand Agricultural Institute
13	Ismoilov J.U.	Specialist	Forestry Production Enterprise 'Dargom'
14	Khamraev D.Sh.	Accountant	Forestry Production Enterprise 'Dargom'
15	Yakhshiev D.Sh.	Forester	Forestry Governmental Farm in Kattakurgan District
16	Jumaev E.T.	Senior Forester	Forestry Governmental Farm in Kattakurgan District

17	Muminov A.	Forester	Forestry Governmental Farm in Kattakurgan District
18	Yusupov U.S	Forester	Forestry Governmental Farm in Pakhtachi District
19	Ravshanov Z.K.	Director	Forestry Governmental Farm in Pakhtachi District
20	Abdullaev U.	Forester	Forestry Governmental Farm in Ok-darya District
21	Ruzibaev D.B.	Expert	State Committee on Nature Protection in Samarqand Province
22	Ganiev M.Sh.	Director	Republican Forestry Training Center
23	Inogamov S.A	Consultant	Project UNDA

List of the Fergana Workshop participants

February 13, 2015

<b>№</b>	<b>Surname</b>	<b>Position</b>	<b>Place of Work</b>
1	Usmonov O.	Deputy Head	Forestry Department in Fergana Province
2	Toshulatov O.	Chief Accountant	Forestry Department in Fergana Province
3	Asrankulov Y.	Master Mechanic	Forestry Department in Fergana Province
4	Tuychiev R.	Forester	Forestry Department in Fergana Province
5	Sulaymonov I.	Forester	Forestry Department in Fergana Province
6	Khudoberganov B.	Forester	Forestry Department in Fergana Province
7	Khasanov M.	Section Foreman	Forestry Department in Fergana Province
8	Khujamkulov M.	Section Foreman	Forestry Department in Fergana Province
9	Burkhanov B.	Section Foreman	Forestry Department in Fergana Province
10	Kholmatov T.	Agronomist	Forestry Department in Fergana Province
11	Karimov F.	Forester	Forestry Department in Fergana Province
12	Tuychieva M.	Clerk	Forestry Department in Fergana Province
13	Ayrapetova K.	Accounting Expert	Forestry Department in Fergana Province
14	Yusupova N.	Inspector	Forestry Department in Fergana Province
15	Umarov M.	Forester	Forestry Department in Fergana Province
16	Khudoynazarov D.	Economist	Forestry Department in Fergana Province
17	Khujamkulov E.	Economist	Forestry Department in Fergana Province



18	Makhkamov E.	Tutor	Fergana State University
19	Obidov M.	Tutor	Fergana State University
20	Kholtodjiev A.	Head of Inspection	State Committee on Nature Protection in Fergana Province
21	Ikromov M.A.	Inspector	State Committee on Nature Protection in Fergana Province
22	Domuladjanov I.	President	Association "For Environmentally Clean Fergana"
23	Ganiev M. Sh.	Director	Republican Training Center on Forestry
24	Inogamov S.A	Consultant	Project UNDA