

**Project Title:** Enabling the Implementation of Georgia's Forest Sector Reform (ECO.Georgia)

**Project/Activity Number:** 20.2275.4-007.00 / 0302

**Title of the assignment:** Supporting preparation and implementation of participatory mapping of Forest Ecosystem Services (FES)

## 1. Brief information on the project

Climate change impacts and the demand for fuelwood from rural population put significant pressure on Georgia's forests: up to 90% of rural households (1.43 million people) rely on fuelwood for their energy needs. The problem is exacerbated by the fact that households use obsolete technologies, such as traditional stoves with a lifetime of two years and an efficiency of 35% or less. Fuelwood demand exceeds sustainable harvesting levels, considering reduced productivity of many forests in the country because of extensive forest degradation. This forest degradation leads to a loss of carbon absorption capacity which is projected to decrease by five times between 1990 and 2030.

In order to address this negative development, the project "Enabling the Implementation of Georgia's Forest Sector Reform - ECO.Georgia" supports the Government of Georgia to implement its transformational forest sector reform agenda to put the entire nation's forests under the framework for sustainable forest management (SFM). It will do so by supporting the establishment of a nation-wide SFM system (Component 1) and in parallel promoting market development for energy efficient appliances and alternative fuels (Component 2) to address the main driver of forest degradation. The project will safeguard the reform implementation by diversifying livelihood opportunities and strengthening local self-governance in forest adjoining rural communities (Component 3).

The project is funded by the Green Climate Fund (GCF), the German Federal Ministry for Economic Cooperation and Development (BMZ), and the Swiss Development Cooperation (SDC) with GIZ being the project's accredited entity. The German contribution is part of the wider German support in the priority area "Environmental policy, conservation and sustainable use of natural resources in the South Caucasus", which aims at the sustainable use of natural resources, biodiversity conservation and climate protection, particularly for the benefit of the rural population. Similarly, both the share of renewables in the energy composition as well as the energy efficiency levels will increase.

Especially rural households using firewood as their source of heating energy will benefit from improved air quality and reduced fuelwood demand through eased access to energy efficient stoves. Forest-related small and medium-sized enterprises and their employees will receive support to improve economic efficiency and environmental sustainability of their business activities. Additionally, staff members of relevant public institutions (National Forestry Agency NFA, Department of Environmental Supervision DES, Environmental Information and Education Center EIEC, Rural Development Agency RDA, municipalities) will receive direct support through human capacity development measures and grant finance.

ECO.Georgia primarily contributes to achieving the SDG 15 (Protect, restore and promote sustainable use of terrestrial ecosystems) of the 2030 Agenda of the UN, but also to achieving SDG 7 (Ensure access to affordable, reliable, sustainable and modern energy for all), SDG 13 (Take urgent action to combat climate change and its impacts), SDG 1 (End poverty in all its forms everywhere), and SDG 5 (Achieve gender equality and empower all women and girls).

The duration of ECO.Georgia is from April 2021 until March 2029.

## **2. Description of the Assignment**

### **2.1. Context**

The legal and policy framework guiding the development and management of forest ecosystem services (FES) in Georgia is based on the country's Constitution, the Forest Code of Georgia, and various other relevant policy documents and regulations. Over recent years, Georgia has transitioned towards more sustainable and conservation-oriented forest management practices, emphasizing the protection and enhancement of forest ecosystem services. These changes are critical for addressing persistent challenges such as illegal logging, social cutting, and land-use conflicts.

The integration of FES into forest management planning is recognized as a cornerstone of sustainable forest management. Forest ecosystem services are crucial to the livelihoods of local communities, environmental sustainability, and the broader economy. However, the local communities that are the primary beneficiaries of these services often remain excluded from key processes such as Forest Management Plans (FMP) development, despite their critical knowledge and experience.

Involving local communities in identifying and mapping forest ecosystem services available locally helps include their knowledge and experience, leading to better forest management, reducing the risks of potential conflicts, building the trust and collaborative spirit between the forest management bodies and local communities. Thus, Participatory FES mapping is a cost-effective, inclusive, and empowering tool that helps to ensure forest management meets both sustainability goals and the needs of the communities who depend on these resources.

These ToR seek to outline the scope, objectives, and methodologies required for a comprehensive evaluation of forest ecosystem services in Georgia, specifically in 5 selected municipalities with active FMP processes, emphasizing participatory approaches that incorporate local knowledge and foster community engagement.

Participatory Ecosystem Services (ES) mapping workshops are effective, low-cost and can provide valuable information for all users. The ES mapping workshops will include presentations on ecosystem services and their functions, group discussions, practical participatory mapping exercises, and interactive activities designed to actively engage participants. Participants will include representatives from Local Advisory Councils (LACs, wherever available) or equivalent bodies, local offices of NFA, municipality administrations, local communities NGOs/CSOs.

### **2.2. Objective(s) of the assignment and work packages/tasks**

The objective of the assignment is twofold, on the one hand to foster methodical engagement of the local communities and other local actors in forest management related process through the tool of the participatory FES mapping and on the other hand develop forest district maps for 5 target municipalities of Ozurgeti, Chokhatauri, Lanchkhuti, Dedoplistskaro and Akhmeta, depicting actual usage of forest ecosystem services (FES).

Thus, the assignment will both contribute to the enhancement of sustainable forest management (SFM) plans in the municipalities mentioned above and strengthen public participation practices at the local level related to SFM.

For the reference, the FES mapping methodology is provided as an annex of the tender.

The consultant will prepare and implement the mapping process, engaging local stakeholders, and provide comprehensive reports and maps. In particular, the consultant shall fulfil the following tasks:

### **Work package 1: Village Selection and Mapping Preparation**

- The consultant will select forest-dependent villages across the five municipalities and prepare the base maps for forest management units in each municipality, ensuring they are aligned with project specifications (scale, content, and format). This will include producing printed maps for each selected village.
- ECO.Georgia project will facilitate, within its mandate, access to existing forest related GIS data.

### **Work Package 2: Training and Participatory FES Mapping Facilitation**

- The consultant will conduct training for village trustees and LACs members on FES mapping techniques and its relevance to SFM. They will then lead participatory mapping exercises with local stakeholders, ensuring active community involvement in the mapping process and as accurate data collection, as the participatory FES mapping tool allows.

### **Work Package 3: Finalizing maps and reporting**

- The consultant will finalize the FES maps for all forest management units, including both printed and digital versions. Additionally, they will compile combined municipality maps and prepare a final report (with annexes), summarizing the process, findings, and recommendations for future SFM strategies.

## **2.3. Outputs/deliverables**

Expected outputs according to the work packages are as follows:

**Work package 1: Village Selection and Mapping Preparation (two teams, each consisting of a sociologist and a GIS specialist, working in parallel in different geographic areas)**

**Output 1:** Selection of forest dependent villages in 5 municipalities

**Output 2:** Preparation of the base maps for all forest management units (სატყეო უბნის სატყეო), in 5 municipalities

- Topographic maps of each forest unit (სატყეო უბნის სატყეო), A1 format, 1:50,000 scale, with full legend including all relevant FES.
- 1 printed map of the respective forest unit(s) per selected village

### **Work Package 2: Training and Participatory FES Mapping Facilitation**

**Output 3:** Training of village trustees (LACs members or beyond)

**Output 4:** FES mapping workshop with representatives of local communities jointly with village trustees

**Output 5:** Filled in FES maps for all forest management units in 5 municipalities, 1:50,000 scale, original maps (from output 4) as well as shp files.

### Work Package 3: Finalizing maps and reporting

**Output 6:** Combined maps for each municipality as shp files

**Output 7:** Final report (in ECO.Georgia template) of max 10 pages with annexes, including maps, LoPs etc.

#### 2.4. Schedule and timeframe

	Deadline	Number of experts	Number of working days
<b>Output 1:</b> Selection of forest dependent villages in 5 municipalities	After 1 week from signing of the contract	1	Up to 5
<b>Output 2:</b> Preparation of the base maps for all forest management units (სატყეო უბნის სატყეო), in 5 municipalities	After 3 weeks from signing of the contract	2	Up to 10 (5 per expert)
<b>Output 3&amp;4:</b> - Training of village trustees (LACs members or beyond) - FES mapping workshop with representatives of local communities jointly with village trustees	After 7 weeks from signing of the contract	4	Up to 40 (10 per each expert)
<b>Output 5:</b> Filled in FES maps for all forest management units in 5 municipalities, 1:50,000 scale, original maps (from output 4) as well as shp files	After 8 weeks from signing of the contract	2	Up to 6 (3 per expert)
<b>Output 6:</b> Combined maps for each municipality as shp files	After 12 weeks from signing of the contract	2	Up to 6 (3 per expert)
<b>Output 7:</b> Final report (in ECO.Georgia template) of max 10 pages with annexes, including maps, LoPs etc.	After 13 weeks from signing of the contract	1	Up to 3

Travel expenses			Number of days/nights per expert
Transportation		4	Up to 10 days
Accommodation (full board)		4	6 overnights per expert
Refreshments for training participants		Up to 15 participants/per training	5 trainings

*\*Experts are to travel by (own or rental) car; for reimbursement of the cost, lump sum rate per day can be agreed, but this applies only for one car (one region). It is expected that the experts travel together in one car.*

### 3. Company/Experts' profile

#### Company profile

##### (1.1) Company/organization - Required competences

- At least 5 years of experience in forestry/environmental sector and community engagement.

#### Personnel concept <sup>1</sup>

##### (5.1) Expert 1 – Team leader and lead expert with social sciences/environmental science background

- (5.1.1) General qualification: **Education:** Master's degree in social sciences, preferably in sociology, anthropology or environmental management
- (5.1.2) Specific qualification: **Professional experience:**
  - 7 years of experience working with local level actors (rural communities, CSOs etc.) in Georgia on community engagement, natural resource management, or similar topics.
  - 7 years of experience in designing and facilitating workshops and focus groups, as well as designing and conducting trainings, preferably on community engagement related topics and/or natural resource management.
- (5.1.4) **Language skills:** Fluency in Georgian and English.

##### • (5.2) Expert 2 (Sociologist/anthropologist)

- (5.2.1) General qualification: **Education:** Master's degree in social sciences, preferably in sociology or anthropology
- (5.2.2) Specific qualification: **Professional experience:**
  - 5 years of experience in working with local level actors (rural communities, CSOs etc.) in Georgia on community engagement, natural resource management, or similar topics.
  - 5 years of experience in designing and facilitating workshops, and designing and conducting trainings and focus groups, preferably on community engagement related topics and/or natural resource management.
- (5.2.4) **Language skills:** Fluency in Georgian and English.

<sup>1</sup> The suggested personal concept will be strictly followed while assessing the proposals

- **(5.3) Expert 3 (Forestry and GIS)**
- (5.3.1) General qualification:  
**Education:** Master's degree, in Geography or forestry with GIS competencies.
- (5.3.2) Specific qualification: **Professional experience:**
  - 5 years of experience in GIS and forestry
  - 3 years of experience in facilitating workshops, and conducting trainings
- (5.3.4) **Language skills:** Fluency in Georgian and English.
  
- **(5.4) Expert 4 (Forestry and GIS)**
- (5.4.1) General qualification:  
**Education:** Master's degree, in Geography or forestry with the GIS competencies.
- (5.4.2) Specific qualification: **Professional experience:**
  - 5 years of experience in GIS and forestry
  - 3 years of experience in facilitating workshops, and conducting trainings
- (5.4.4) **Language skills:** Fluency in Georgian and English.

#### 4. Timing and duration

From May 2025 to August 2025.

#### 5. Place of assignment

Georgia

#### 6. Reporting

- Reports are to be prepared according to the GIZ template to be provided by the project;
- All documents shall be delivered electronically (text files, PPT, sph) in English and in Georgian; as well as filled in FES maps for all forest management units in 5 municipalities.
- The consultant shall report to the Component 1 leader, GIZ/ECO.Georgia.
- The consultant is expected to coordinate very closely with the Component 1 and Component 3, GIZ/ECO.Georgia.
- The consultants shall keep a time sheet (8 hours = 1 working day).

#### 7. Other provisions

##### 7.1 Budgeting and payment

Final payment will be affected after provision of timesheets for accomplished working days and provision of the outputs/deliverables given above.

##### 7.2 Data Protection

In the context of preparation and implementation of FES mapping trainings and workshops, personal data will be processed on behalf of GIZ. Therefore, an agreement on "Outsourcing of data processing (AuV)" will be concluded with the contractor in accordance with Art. 28 GDPR. For this purpose, the technical and organisational measures (TOM) Appendix III for compliance with the data protection requirements must be outlined and filled prior by the contractor to conclude the contract. If the contractor has already been audited by GIZ in the past, an update in accordance with GDPR must

nevertheless be sent. After a positive check, the contract is concluded with the AuV attachment.

The contractor will be granted access to the relevant partners/beneficiaries' personal data **(name, contact and communication data: telephone and email)**, in the ECO.Georgia Project database. The personal data must only be used to carry out activities determined by the ToR, particularly for conducting FES mapping trainings and workshops.

The contractor shall only collect personal data from the trainings and workshops participants that are strictly necessary and relevant to the task, such as their name, surname, ID, telephone number and gender following the principle of data minimization.

### 7.3. Requirements on the format of the tender

#### Concept

In the tender, the tenderer is required to submit a technical proposal showing how the objectives defined in Chapter 2 are to be achieved and if applicable under consideration of further method-related requirements (technical-methodological concept).

The technical proposal will be evaluated in accordance with the assessment grid which consists of followings:

#### (2.1) Concept

- a. interpretation of the objective /assignment (2.1)
- b. strategy for the implementation reflecting other alternatives (2.1)
- c. cooperation during the implementation (stakeholders in the implementation, reference projects etc.) (2.1)
- d. a work plan in a visual form

#### Personnel concept

The tenderer is required to provide personnel who are suited to filling the positions described, on the basis of their CVs, the range of tasks involved and the required qualifications.

The CVs of the personnel proposed meeting the requirements below must be submitted using the format specified in the terms and conditions for application. The CVs shall not exceed 4 pages each. They must clearly show the position and job the proposed person held in the reference project and for how long.

#### Price schedule

Please calculate your financial tender based on the price schedule.

#### Annexes

- Outsourcing of Data Processing (AuV)
- Forest Ecosystem Services Mapping in Georgia

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