

Programme:	Integrated Biodiversity Management, South Caucasus (IBiS)
PN:	15.2101.2-006.00
Assignment:	Production of educative movies about ecosystem-based forest management
Period:	01 March – 30 November 2019

1. Brief programme information

The biodiversity of the South Caucasus is of global importance, but the huge variety of species and the proper functioning of the ecosystems are under threat. There is considerable pressure from the exploitation of natural resources by the local population, private industry and governments.

In each of the three countries of the South Caucasus – Georgia, Armenia and Azerbaijan – there are National Biodiversity Strategy and Action Plans (NBSAPs) and initial sectoral strategies for managing biodiversity and ecosystem services. As yet, however, these are unable to withstand the challenges posed by the conflicting interests of different sectors (forestry, pasture farming, agriculture, nature conservation and tourism). There is a lack of coordination between the various state and non-state actors and population groups (e.g. shepherds and farmers). In addition, there is not enough reliable data available on the different sectors to support planning and decision-making processes.

Within the framework of the Caucasus Initiative of the German government, the programme cooperates primarily with the environment ministries of the three different countries of the South Caucasus. The programme follows a multi-level approach. At national level, it promotes the development or revision of biodiversity strategies and regulations, particularly in forest and pasture management, and in erosion control. The experience gained from the pilot measures at district, municipal and local levels are incorporated into this process. As part of these pilot measures, relevant actors are provided with the skills needed to implement integrated approaches for sustainable management of biodiversity and ecosystem services.

The module objective of the programme is to promote better coordination of biodiversity and ecosystem services management across sectors on the basis of solid data. The programme comprises four areas of intervention with the following objectives:

- A. Instruments and coordination processes for the sustainable management of biodiversity and ecosystem services at local level are tested.
- B. The implementation capacity of line ministries, their subordinate bodies and of training institutions regarding the management of biodiversity and ecosystem services is improved.
- C. The perception of the general public towards the importance of biodiversity and ecosystem services is more positive.
- D. The regional exchange on sustainable management of biodiversity and ecosystem services is improved.

IBiS follows up on the achievements of the programmes “Sustainable Management of Biodiversity, South Caucasus” and “Integrated Erosion Control in Mountainous Regions” and is due to last four years (from December 2015 to November 2019). The programme is implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ).

2. Context

The forest sector reform process in Georgia is dealing with new ideas and concepts concerning legal aspects, organizational structures, planning and management, silviculture and forest education and training. A lot of different stakeholders are involved in this process requiring a comprehensive communication strategy for the forestry sector. The National Forest Agency (NFA), the Biodiversity and Forestry Department (BFD), and the Department of Environmental Supervision (DES), are relevant stakeholders of the strategy development process, which is coordinated by the Environmental Information and Education Centre (EIEC) on their behalf. The different activities they are envisioning consider also to use modern media to inform and to educate about what is going on in the forestry sector and what forest management means. A particular important and challenging topic is to prepare comprehensive information about the concept of “Ecosystem-based Sustainable Forest Management” as the new Forest Code of Georgia is considering this concept as key towards sustainable forest management in the country.

3. Objectives and tasks

First objective of the assignment is to produce one educative movie about the general concept of “ecosystem-based sustainable forest management”, EbSFM, and three movies about the following specific aspects of EbSFM:

1. Low Impact Harvesting and Logging
2. Natural Regeneration Management
3. Ecological Silviculture

The duration of the general movie about EbSFM is expected to be between 10 and 20 minutes. The duration of the movies about specific aspects of EbSFM is expected to be between 5 and 10 minutes.

Tasks of the consultant are:

1. Technical implementation of the detailed movie scripts provided by GIZ-IBiS.
2. Collaborate with a German movie producer advisory team regarding quality aspects of each movie.

The consultant should demonstrate the following professional qualification:

- Demonstrate experience in filming nature aspects;
- Being well familiar with using drones, micro- and macroscopic lenses for filming;
- Having experience in creating animations and graphical add-ons;
- Being able to demonstrate the evidence of documentary movies on nature and forest.

4. Equipment requirements

To ensure high quality of forest and nature scenario in terms of brilliance, colour, sharpness, etc. the following equipment is requested.

Camera: ARRI Alexa Mini

- Camera Specs: ARRI ALEV III CMOS Sensor UHD 4K 3840 x 2160 (Up-Sampled 3.2K) MXF/ARRIRAW & 4:3/ Suitable for Gimbals & Quadcopters Records to CFast 2.0 Memory Card / Formats: ARRIRAW/ProRes
- Model year: 2018
- Camera Licenses: Open Gate Licenses Preinstalled ARRI Look Library License. Built-In Lens Motor Control & ND Filters Requires Lens Mount Images Integrated with All ALEXA Models

- Lenses: Arriflex Super Speed MKIII 32MM & 50MM / Angeneux 25-250

Drone: DJI Inspire 2

- Camera: DJI Zenmuse X5 Pro / Resolution: 5.2K / Formats supported: RAW/ProRes
- Lenses: 15MM Pana/Leica, 45MM Olympus Zuiko
- Number of drone batteries: 20

5. Expected outputs

The expected outputs of the assignment at the end of the project are:

- 1 movie about the general concept of EbSFM.
- 3 movies about specific aspects of EbSFM.

6. Time frame and work schedule.

The assignment covers the period from 01.03.to 30.11.2019.

Filming in the forest for each movie should be five days maximum. Flexibility concerning time is expected from the film team, if weather conditions do not allow filming on an agreed date.

Low Impact Harvesting and Logging, filming in the forest is planned in March, movie should be finished until 31.05.19.

Natural Regeneration Management, filming in the forest is planned end of May beginning June, movie should be finished until 31.07.19

Ecological Silviculture, filming in the forest is planned for July, movie should be finished until 30.09.19.

Ecosystem-based sustainable forest management, filming is planned in March, May, July and October, movie should be finished until 30.11.19.