



## Sustainable Forest and Landscape Management Project (P129961)

EUROPE AND CENTRAL ASIA | Bosnia and Herzegovina | Environment & Natural Resources Global Practice |  
Global Environment Project | Specific Investment Loan | FY 2014 | Seq No: 7 | ARCHIVED on 01-Jun-2017 | ISR28288 |

Implementing Agencies: Ministry of Finance and Treasury, FBiH Ministry of Agriculture, Water Management and Forestry, RS Ministry of Agriculture, Forestry and Water Management

### Key Dates

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Bank Approval Date:15-Jan-2014

Effectiveness Date:09-Jun-2014

Planned Mid Term Review Date:17-Apr-2017

Actual Mid-Term Review Date:24-Apr-2017

Original Closing Date:31-May-2019

Revised Closing Date:31-May-2019

### Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)

A. Proposed Development Objective: To build capacity of forestry sector stakeholders and to demonstrate approaches for sustainable forest and land management through integrated management of vulnerable forest, scrub and pasture landscapes.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

Enhanced Planning and Monitoring for SFLM:(Cost \$1.07 M)

Demonstration and Replication of SFLM Techniques in Vulnerable Areas:(Cost \$4.23 M)

Project Management:(Cost \$0.28 M)

### Overall Ratings

| Name                                 | Previous Rating | Current Rating |
|--------------------------------------|-----------------|----------------|
| Progress towards achievement of PDO  | ● Satisfactory  | ● Satisfactory |
| Overall Implementation Progress (IP) | ● Satisfactory  | ● Satisfactory |
| Overall Risk Rating                  | ● Moderate      | ● Moderate     |

### Implementation Status and Key Decisions



The overall project implementation has been satisfactory, and the project is on track to meet the Project Development Objective. Component 2 is demonstrating substantial progress towards achieving the end of project targets established in the results framework, while component 1 is moving steadily towards them.

**Component 1: Enhanced Planning and Monitoring for SFLM:** Substantial work has been invested in the past three years in the activities supporting capacity building of forest sector stakeholders. *These include FSC re-certification, initial activities on preparation of Forest Roads Master Plan, as well as strengthening decision-making through introducing selected information relating to climate change into information systems (FMIS).*

**FSC Certification** -Total forest area certified remains at 1.65 million. The project supports efforts to maintain the certificate of already certified areas through the process of re-certification, this is a big achievement under the project to maintain the full coverage of FSC certification at 1.65 million hectares. The RS SUME has maintained its FSC certification. The end target is 1.85 million hectares, aiming at certification of additional area of two cantons. The team is confident that the end target of 1.85 million hectares can be achieved. Based on the supply of FSC certified wood, the BiH wood processing industry has achieved a 14% growth in wood export in the few passed years. **Forest Roads Master Plan** - The RS has developed a comprehensive and detailed TORs for the Forest Road Master Plan and is in the RFP stage of tendering. All of the baseline and background data for the development of the plan has already been completed. This included preparation of the TORs, procurement of GPS devices and computer equipment, training of 40 staff, development of surveying data model and the survey field activities performed in 29 units by PFE Sume. In FBIH activities on pre-conditions for the Forest Roads Master Plan Preparation are on-going. Two draft manuals for surveying forest and public roads, as well as instructions on filling manuals were prepared and drafting of TORs has started. Progress towards meeting the end target of 2 Roads Master Plans is evident, the indicator value is expected to increase to 1 in 2018. **FMIS** - In the RS, the RS Sume has an existing FMIS which is functioning, and information from the FMIS is used regularly to make decisions on budgets, silviculture activities, fire and pest protection actions etc. The data from the FMIS is also used for National reporting obligations to the international conventions that the government is party to. In order to include key climate change indicators in the FMIS and enable recording of carbon stock, the RS Sume has developed a TOR to add a new module to the FMIS. The FBIH FMIS has not yet resumed operations, however important progress towards its establishment is good. Implementation of the agreed action plan for this sub-component by the Ministry has been satisfactory. The near term staffing for IT function issue has not been addressed yet, but assurances were received that this is a high priority for the Ministry. Terms of Reference have been prepared and tender issued for the development of Central Data Base Model and programming the following modules: Terminology; Code Books; System- Meta Data Base; User Interface and Security.

**Component 2: Demonstration and Replication of SFLM Techniques in Vulnerable Areas**

Significant progress has been made in both entities during the first three years of the project implementation in demonstrating approaches for sustainable forest and landscape management through pilot sub-projects on re/afforestation, thinning, conversion, rehabilitation of fire affected areas, cleaning and removal of wild dump sites, production of seedlings etc. Total land area on which sustainable land management practices have been adopted is presently 1643 ha in both entities (1027 ha in RS and 616 ha in FBIH) and the PDO indicator has reached more than 50% of its end target value (3000 ha) already at the MTR. In FBIH an additional sub-project identifying and registering a High Conservation Value Forests (HCVF) has been initiated on an area of additional 1125 ha, providing good prospect for achieving the end target value at the end of project implementation. In addition to substantive progress towards achieving the PDO the activities undertaken so far have already provided benefit to the community (re-forested areas will result in increased carbon stock, increase biodiversity and prevent negative effect of floods; rehabilitated forest fire roads, forest thinning activities, removal of wild dumpsites and procurement of forest fire equipment will decrease forest fire consequences and frequency). An additional benefit for the community is paid engagement of their members on re-forestation works, cleaning of wild depots and similar activities. The communities have also participated in capacity building activities such as training in fire prevention, use of firefighting equipment, and other silviculture activities. The Central Nursery Garden Doboje which provides state of the art seedling production is in full operation. The project supported: procurement of modern equipment for covered root seedlings production in containers, which are more resistant to worsened planting conditions due to climate change; nursery staff training, as well as the irrigation system. The production of 350,000 seedlings has been done successfully and the demand for seedlings is growing. In FBIH re/afforestation works including rehabilitation of the fire affected sites and re-cultivation have been completed in the area of 192 ha in the five cantons. Thinning works have been completed on 80 ha in one canton and are on-going in the area of 51.8 ha in the other canton. Additional afforestation and thinning works are underway on 110 ha in 1 canton. Indicators 2.1 (a) area restored or re-/afforested (594 ha) and 2.1 (b) area re-/afforested (566 ha) have also surpassed 50% of their end target at the MTR. The same applies to indicator 2.2 area under enhanced production on state lands (1085 ha). Indicator 2.3 with the 13 demonstration projects completed in both entities out of the end target of 28 and indicator 2.4 with 19 demonstration sub-projects projects completed related to fire control out of the end target of 22 also show excellent progress at MTR.

## Risks



## Systematic Operations Risk-rating Tool

| Risk Category  | Rating at Approval | Previous Rating | Current Rating |
|--|--------------------|-----------------|----------------|
| Political and Governance                                     | --                 | ● Moderate      | ● Moderate     |
| Macroeconomic  | --                 | ● Moderate      | ● Moderate     |
| Sector Strategies and Policies                               | --                 | ● Moderate      | ● Moderate     |
| Technical Design of Project or Program                       | --                 | ● Low           | ● Low          |
| Institutional Capacity for Implementation and Sustainability | --                 | ● Moderate      | ● Moderate     |
| Fiduciary  | --                 | ● Moderate      | ● Moderate     |
| Environment and Social                                       | --                 | ● Low           | ● Low          |
| Stakeholders   | --                 | ● Moderate      | ● Moderate     |
| Other  | --                 | --              | --             |
| Overall  | --                 | ● Moderate      | ● Moderate     |

## Results

### Global Environmental Objective Indicators

#### ► Land area under sustainable landscape management practices(Hectare(Ha), Corporate)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 1,190.58          | 1,643.00         | 3,000.00    |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

#### Comments

The progress to date towards the end of project target is 55%. Planned activities going forward include a minimum of 3000 hectares, the team is confident that the end of project target will be achieved.

#### Overall Comments

### Intermediate Results Indicators



▶ IO 1.1 Forest Area Certified (million ha) (Hectare(Ha), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 1.65        | 1.65              | 1.65             | 1.85        |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

Progress is excellent in maintaining the certification of all 1.65 million hectares. The plan for certification for an additional 200,00 hectares is in place and will be executed over the next 18 months. The team is confident the target will be achieved.

▶ IO 1.2 Road Access Strategic Plan Completed (Text, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 2.00        |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

The RS is in the final stages of procurement for the Roads Master plan, contracting should be completed by July 2017. The Federation is working on the precursor activities to launch the development of the Master plan.

▶ IO 1.3 Key climate change mitigation and adaptation indicators included in FMIS (carbon stock, area lost to fire, area under insect/pest attack) (Text, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 2.00             | 3.00        |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

The indicators are already included in the RS FMIS and they are contracting the development of an additional module to calculate forest carbon etc. In the Federation progress on re-establishing the FMIS is on going and this will include monitoring of key climate change mitigation indicators.



▶ Govt institutions provided w/ capacity buildg to improve mgt of forest resources (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 3.00              | 16.00            | 13.00       |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

The end of project indicator has been exceeded. Capacity building efforts for government institutions are planned during the rest of the project in various aspects of sustainable forest management.

▶ Area restored or re/afforested (Hectare(Ha), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 611.00            | 594.00           | 1,000.00    |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

Progress in achieving the end target is more than 59% at MTR. The plans going forward include areas that exceed the target of 1000 hectares.

▲ Area re/afforested (Hectare(Ha), Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 611.00            | 566.00           | 1,000.00    |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |



► IO 2.2 Area under enhanced production on state lands (Hectare(Ha), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 816.00            | 1,232.00         | 2,000.00    |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

Progress in achieving the end target is more than 61% at MTR. The plans going forward include areas that exceed the target of 2000 hectares.

► IO 2.3 Demonstration subprojects completed relating to innovative SFLM methods (Text, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 105.00            | 13.00            | 28.00       |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

The previously reported value of 105 was an error. This was reporting on micro-locations of interventions and not project intervention types.

The reporting has been corrected. The indicator has not yet reached 50 % at MTR, however, the pilot projects in the pipeline exceed the end target of 28 so the team is confident that the target will be achieved.

► IO 2.4 Demonstration subprojects completed relating to fire control (Text, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 16.00             | 19.00            | 22.00       |
| Date  | 08-Nov-2013 | 14-Nov-2016       | 24-May-2017      | 31-May-2019 |

Comments

The indicator value almost reaches the end of project target, the team is assured that the indicator can be achieved by end of the project.

Overall Comments



## Data on Financial Performance

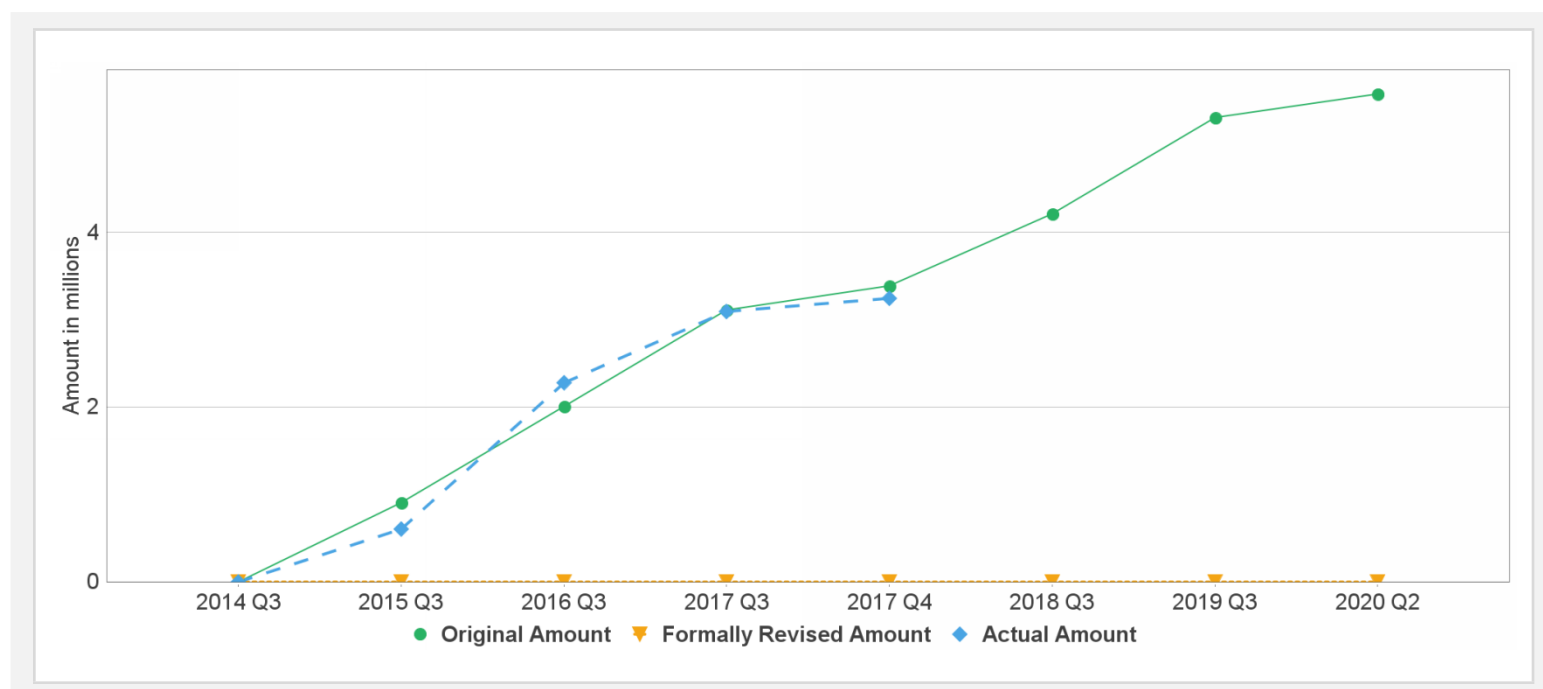
### Disbursements (by loan)

| Project | Loan/Credit/TF | Status    | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-----------|
| P129961 | TF-16646       | Effective | USD      | 5.58     | 5.58    | 0.00      | 3.24      | 2.34        | 58%       |

### Key Dates (by loan)

| Project | Loan/Credit/TF | Status    | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P129961 | TF-16646       | Effective | 01-Apr-2014   | 01-Apr-2014  | 09-Jun-2014        | 31-May-2019        | 31-May-2019       |

## Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.



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### **Related Project(s)**

There are no related projects.

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