**Bosnia and Herzegovina /**

**Ministry of Agriculture, Water Management and Forestry FBiH and**

**Ministry of Agriculture, Forestry and Water Management (RS)**

**Agriculture Resilience and Competitiveness Project, P171266**

**[Draft]**

**ENVIRONMENTAL and SOCIAL**

**COMMITMENT PLAN (ESCP)**

**June, 2021**

**ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN**

1. Bosnia and Herzegovina through the Ministry of Agriculture, Water Management and Forestry FBiH (MoAWMF FBiH) and Ministry of Agriculture, Forestry and Water Management (MoAWMF RS) as the implementing agency will implement the Agriculture Resilience and Competitiveness Project (the **Project**). The International Bank for Reconstruction and Development(hereinafter the **Bank**) has agreed to provide financing for the Project.
2. Bosnia and Herzegovina will implement material measures and actions so that the Project is implemented in accordance with the Environmental and Social Standards (**ESSs**). This Environmental and Social Commitment Plan (**ESCP**) sets out material measures and actions, any specific documents or plans, as well as the timing for each of these.
3. Bosnia and Herzegovina shall also comply with the provisions of any other E&S documents required under the ESF and referred to in this ESCP, such as Environmental and Social Impact Assessments (ESIAs), Environmental and Social Management Plans (ESMPs), generic Environmental and Social Management Plans (generic ESMPs), Resettlement Policy Framework (RPF), Resettlement Action Plans (RAP), Labor Management Procedures (LMP), and Stakeholder Engagement Plan (SEP), and the timelines specified in those E&S documents.
4. Bosnia and Herzegovina is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, implementing agency or unit referenced in 1. above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Bank by Bosnia and Herzegovina as required by the ESCP and the conditions of the legal agreement, and the Bank shall monitor and assess progress and completion of the material measures and actions throughout implementation of the Project.
6. As agreed by the Bank and Bosnia and Herzegovina, this ESCP may be revised from time to time during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to assessment of Project performance conducted under the ESCP itself. In such circumstances, Ministry of Agriculture, Water Management and Forestry FBiH and Ministry of Agriculture, Forestry and Water Management (MoAWMF RS) (for Bosnia and Herzegovina) will agree to the changes with the Bank and shall update the ESCP to reflect such changes. Agreement on changes to the ESCP shall be documented through the exchange of letters signed between the Bank and the Ministry of Agriculture, Water Management and Forestry FBiH and Ministry of Agriculture, Forestry and Water Management (MoAWMF RS) (for Bosnia and Herzegovina). The Ministry of Agriculture, Water Management and Forestry FBiH and Ministry of Agriculture, Forestry and Water Management (MoAWMF RS) shall promptly disclose the updated ESCP.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, Bosnia and Herzegovina shall provide additional funds, if needed, to implement actions and measures to address such risks and impacts, which may include environmental impacts related to construction/rehabilitation and other works (e.g. management and disposal/processing of hazardous waste), health, and safety impacts (e.g. operating heavy machinery, working with high voltage, accidental situations, etc.), community impacts due to traffic disturbance and safety of local communities, as well as impacts to protected and sensitive nature.

| **MATERIAL MEASURES AND ACTIONS**  | **TIMEFRAME** | **RESPONSIBILE ENTITY/AUTHORITY**  |
| --- | --- | --- |
| **MONITORING AND REPORTING** |
| A | **REGULAR REPORTING** Prepare and submit to the Bank regular monitoring reports on implementation of the ESCP including the environmental, social, health and safety (ESHS) performance of the Project, and any E&S due diligence document prepared or to be prepared and implemented (ESIA, ESMP, generic ESMP; depending on the type of the subproject as well as stakeholder engagement activities and grievance mechanism operation) for the Project, in form and substance acceptable to the Bank. | *(i) Every six months throughout Project implementation as a part of the Project’s progress reports and (ii) for sub-projects, at least every six into implementation.*  | *Project Implementation Unit (PIU) within the Ministry of Agriculture, Water Management and Forestry FBiH (MoAWMF FBiH) /**Agriculture Project Coordination Unit (APCU) within the Ministry of Agriculture, Forestry and Water Management RS (MoAFWM RS)* |
| B | **INCIDENTS AND ACCIDENTS** Notify the Bank within 48 hours of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers In the immediate incident report, submitted within 48 hours, the MoAWMF FBiH and MoAFWM RS shall provide sufficient detail regarding the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor/sub-contractor and supervising entity. Subsequently, as per the Bank’s request, a detailed incident report with a detailed root cause analysis of the incident and proposed measures to prevent its recurrence shall be submitted.  | *Notify the Task Team Leader of the Bank within 48 hours after of the incident or accident* *The immediate incident report shall be submitted to the Bank within 48 hours.**A report shall be provided within a time frame acceptable to the Bank, as requested.* | *PIU / APCU Project Coordinator*  |
| C | **CONTRACTORS MONTHLY REPORTS**Require all contractors to provide monthly monitoring reports to the Project Implementing Unit (PIU) reporting on the implementation of the ESMPs. | *Provide monthly ESMPs implementation and OHS issues reports.* | PIU/APCU |
| **ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS** |
| 1.1 | **ORGANIZATIONAL STRUCTURE**Establish and maintain an organizational structure within PIU and the APCU at the MAFWM RS with qualified staff and resources to support management of E&S risks of the Project This includes hiring of environment and social specialist responsible for ensuring full compliance with the ESF and relevant instruments.  | *The organizational structure, should be maintained throughout Project implementation.**The hiring of all experts shall take place not later than 30 days after the Loan Agreement Effectiveness prior to commencement of activities, under the project whichever occurs earlier.* | *MoAWMF FBiH / MoAFWM RS* |
| 1.2 | **ENVIRONMENTAL AND SOCIAL ASSESSMENT**Prepare, adopt, disclose and implement, the Environmental and Social Management Framework (ESMF) for the Project to address the E&S risks and guide the implementation of Project activities compliant to the goals and requirements of WB ESF. | *Project’s ESMF will be prepared, disclosed prior to appraisal and shall be implemented through Project duration* | *PIU/MoAWMF FBiH and APCU/MoAWM RS*  |
| 1.3 | **MANAGEMENT TOOLS AND INSTRUMENTS** Screen any proposed sub-project in accordance with the Environmental and Social Management Framework (ESMF) prepared for the Project, and, thereafter, draft, adopt, disclose and implement the sub-project Environmental and Social Assessment Reports (ESIAs, ESMPs, generic ESMPs, RAPs). For sub-projects where ESIAs/ESMPs have already been prepared, review them in light of the ESS1 and other relevant standards and address any identified material gaps either as an Addendum to the ESIA/ESMP, or as an updated ESIA/ESMP. For already commenced works, carry out E&S (EHS) Audit to ensure compliance to Bank’s policies, standards and other requirements.Incorporate the relevant aspects of this ESCP, including LMP, and any other required ESHS measures, into the ESHS specifications of the procurement documents and contracts with contractors’ consultants and good suppliers.  | *Environmental Assessment Reports (ESIAs, ESMPs, generic ESMP, RAPs, updated ESIAs/ESMPs) shall be prepared, reviewed and approved by the Bank, and consulted before the bidding procedure for the respective subproject is launched.* *EHS Audits shall be prepared, reviewed and approved by the Bank before the final decision is taken to include completion of these activities under the Project .**Prior to tender launch.* | *PIU/MoAWMF FBiH and APCU/MoAFWM RS prepare Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs, RAPs, EHS Audits) with the support of PIU Environmental and Social Specialist.**Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs) should be implemented by contractor and supervising entity.* |
| 1.4 | **MANAGEMENT OF CONTRACTORS** PIU/MoAWMF FBiH will develop and implement procedures for managing contractors and sub-contractors.Incorporate the obligation of the Project`s Labor Management Procedures (LMP) and Environmental and Social Assessment (ESA) tools (ESIA, ESMP, generic ESMP) into the contractual agreements with contractors and sub-contractors.Environmental and Social obligations will be included in all bidding documents including the contractual agreements.Thereafter ensure that the contractors comply with the ESHS specifications of their respective contracts. | *Prior to the preparation of procurement documents.* *Prior to signature of contracts.**Implementation of the management tools and instruments required throughout Project implementation.**Supervise contractors throughout Project implementation.* | *PIU/MoAWMF FBiH /* *APCU/MoAFWM RS* |
| **ESS 2: LABOR AND WORKING CONDITIONS**  |
| 2.1 | **LABOR MANAGEMENT PROCEDURES**Develop, maintain and implement, throughout Project implementation, Labor Management Procedures (LMP) consistent with national legislation and ESS2, and ensure they are available to Project workers and all sub-contractors engaged. The Labor Management Procedures (LMP) will address all issues identified in ESS2, including the applicable requirements regarding non-discrimination and equal opportunity.Sub-project level Environmental and Social Assessment Reports (ESIAs, ESMPs, generic ESMPs) will address labor requirements as per the LMP. | *LMP adopted and disclosed prior to Appraisal.**LMP compliance requirements shall be incorporated into bidding documents.**LMP to be applied throughout Project implementation.* | *PIU/MoAWMF FBiH/* *APCU/MoAFWM RS* |
| 2.2 | **GRIEVANCE MECHANISM FOR PROJECT WORKERS** Develop, maintain, and operate a grievance mechanism for Project workers as described in the LMP and consistent with national labor legislation and the ESS2 requirements. The respective Grievance mechanism, along with related labor and employment matters must be easily accessible and promptly disclosed to Project workers, in line with ESS2 and FBiH and RS labor laws. The Project Worker`s GM shall be adapted to handle SEA/SH related grievance | *Grievance mechanism operational prior to engaging Project workers, but not later than 30 days following the date of Loan Agreement effectiveness, and maintained throughout Project implementation**Information about grievance mechanism is disseminated to project workers prior to start of works.**Persons responsible for GM administration shall be skilled to handle SEA/SH related grievance.*  |  *(PIU) /* *APCU/MoAFWM RS* |
| 2.3 | **SEA/SH** All the bidding documents and contracts for works or non-consulting services under the Project require that the contractor, sub-contractor or consultant adopt a code of conduct (commensurate to the assessed risk of the Project) that shall be provided to and signed by all workers, as applicable to such works or non-consulting services commissioned or carried out pursuant to said contracts, which shall, inter alia, cover gender-based violence, violence against children and sexual exploitation and abuse, along with an action plan designed to effectively implement said code of conduct, including appropriate training on said code of conduct. | *Requirements for Code of Conduct included in all Bidding documents.**Monitor Contactor`s compliance throughout the Contract period*  |  *(PIU) /* *APCU/MoAFWM RS* |
| 2.4 | **OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES**Develop and implement occupational health and safety measures (OHS), including emergency preparedness and response measures, project workers training to heighten awareness of possible risks (PPE, first aid, firefighting equipment, etc.), injuries and to mitigate impacts on local communities in site-specific ESIAs and ESMPs, based on LMP and ESMF defined principles and procedures. | *Contractual obligation.**Maintained throughout Project implementation.**Measures are developed prior to bidding and contracting, as a part of ESA.**OHS measures shall be in place before commencement of the activity they are designed for.**LMP to be applied throughout Project implementation.* |  *(PIU) /* *APCU*  |
| **ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT**  |
| 3.1 | **HAZARDOUS WASTE MANAGEMENT** Hazardous waste will be mitigated through implementation of measures and actions, and under conditions, defined in Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs). These waste streams will be managed compliant to WB ESF and WB EHSG for waste, including mandatory disposal/treatment at licensed facilities. These waste streams shall be included to sub-project (and contract) Bills of Quantities.Provisions on asbestos management as defined in the ESMF and site specific ESMPs will be adhered to, where applicable. | *Contractual obligation.**Maintained throughout Project implementation.**A licensed facility for disposal/processing of streams of hazardous waste will be identified and contracted before commencement of works.* | *Contractors*  |
| 3.2 | **INTEGRATED PEST MANAGEMENT PLAN**The Environmental and Social Manegement Frameworks (ESMFs) includes the general framework of integratedon pest management. During implementation the IPMP will be further developed with the assistance and involvement of supporting sectors of the ministry such as the extension services that carry out such activities regularly, apart from the project. Each site specific ESMP will provide additional analysis of associated risks and impacts on the local water uses, contamination of water sources, quality and disposal of irrigation return flows. | *Site specific ESMPs* shall provide additional analysis of associated risks and impacts on the local water uses, contamination of water sources, quality and disposal of irrigation return flows.IPMP will be further developed during project implementation and implemented in its entirety.  | *PIU/MoAWMF FBiH /* *APCU/MoAFWM RS* |
| 3.3 | **RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT**The Contractor will implement measures and actions defined in Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs, updated existing ESIAs/ESMPs) and measures bridging identified material ESF/WB EHSG gaps in the EHS Audits. All waste streams’ testing (potentially hazardous waste), classification, management and final disposal/processing that will be generated on spot should be identified and carefully monitored. All hazardous waste will be managed in line with section 3.1 of this ESCP. Use of any chemicals will be compliant to relevant national or Entity level legislation (in line with the EU policies). | *Contractual obligation.* *Maintained throughout Project implementation.*  | *Contractors* *Borrowers and end-users for grants, supervised by the relevant agricultural services and the PIU/APCU specialists*  |
| **ESS 4: COMMUNITY HEALTH AND SAFETY** |
| 4.1 | **TRAFFIC AND ROAD SAFETY** Before commencement of works, contractors shall prepare and submit Traffic Management Plan (TMP) to PIU / APCU Environmental and Social Specialist and will form part of Environmental Assessment Report (ESIA, ESMP, generic ESMP).The Contractor will implement measures and actions defined in Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs, updated existing ESIAs/ESMPs) and measures bridging identified material ESF/WB EHSG gaps in the EHS Audits. | *TMP is prepared prior to commencement of works* | *Contractor**PIU/MoAWMF FBiH /**APCU/MoAFWM RS* |
| 4.2 | **COMMUNITY HEALTH AND SAFETY** Prepare, adopt, and implement measures and action to assess and manage specific risks and impacts to the community arising from Project activities (including those due to labor influx if relevant) and include these measures in the Environmental Assessment Reports (ESIA, ESMP, generic ESMP). Relevant aspects of this standards shall be considered under action 1.2 above, including, inter alia, measures to: minimize the potential for community exposure to risks and impacts attributable to the Project including health, safety and security risks and impacts. | *The ESMF shall be prepared, adopted, disclosed, and consulted on by Appraisal.* *Environmental Assessment Reports (ESIA, ESMP, generic ESMP) shall be disclosed with adequate time to facilitate public consultations prior to start of any works. (the documents must be disclosed at least 15 days before public consultations and consulted prior to launching the bidding process).**Grievance mechanisms will be available throughout project implementation.* | *PIU/MoAWMF FBiH /*  *APCU/MoAFWM RS* |
| **ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT** |
| 5.1 | **RESETTLEMENT PLANS**Prepare, adopt, and implement resettlement plans (RAPs) in accordance with ESS 5 and consistent with the requirements of the Resettlement Policy Framework (RPF) that has been prepared for the Project, and thereafter adopt and implement the respective RAPs before carrying out the associated activities, in a manner acceptable to the Bank.  | *Project’s RPF will be prepared, disclosed and consulted prior to the appraisal.**RAPs to be prepared immediately after completion of sub-project design and after the social analysis (described in the RPF) confirms expropriation is needed. To be implemented and completed before the commencement of the sub-project works. Throughout Project Implementation.* | *PIU/MoAWMF FBiH /*  *APCU/MoAFWM RS* |
| 5.2 | GRIEVANCE MECHNISM Implement a grievance mechanism (GM) to address resettlement related complaints as described in the RPF and SEP prepared for this Project.  | *GM to be established and publicized prior to commencement of resettlement activities, and implemented throughout the Project*  | *PIU/MoAWMF FBiH /**APCU/MoAFWM RS* |
| **ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES**  |
| 6.1 | **BIODIVERSITY RISKS AND IMPACTS**Biodiversity risks and impacts will be efficiently addressed through Environmental Assessment Reports (ESIA, ESMP, generic ESMP). No works triggering significant issues in sensitive and valuable areas will be financed. Investments encroaching into protected areas or sensitive environments and high risk will be excluded from the project scope. | *Environmental Assessment Reports (ESIAs, ESMPs, generic ESMPs) prepared prior to the bidding.* | *PIU/MoAWMF FBiH /* *APCU/MoAFWM RS* |
| **ESS 8: CULTURAL HERITAGE**  |
| 8.1 | **CHANCE FINDS**Chance find procedures will be part of all contracts involving any works under the project. | *Prior any commencement of works and maintained throughout construction.* | *Contractors* |
| **ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE** |
| 10.1 | **STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION**Develop, disclose and implement Stakeholder Engagement Plan (SEP) consistent with ESS10, in a manner acceptable to the Bank. | *SEP will be prepared, adopted disclosed and consulted prior to Appraisal.**The SEP shall be implemented throughout Project implementation period.*  | *PIU/MoAWMF FBiH /* *APCU/MoAFWM RS* |
| 10.2 | **PROJECT GRIEVANCE MECHANISM**Prepare, adopt, maintain, and operate a grievance mechanism, as described in the SEP. The SEP includes a commitment to communicate to stakeholders the establishment of the grievance mechanism to ensure that affected stakeholders are aware of its existence and familiar with the process for submitting grievances to such grievance mechanism. | *A GM for the Project shall be developed and operationalized not later then 30 days after Project effectivenss* *Maintenance and operation throughout project implementation. Regular maintenance of grievance database.* | *PIU (Project Manager) /* *APCU Project Manager*  |
| **CAPACITY SUPPORT (TRAINING)** |
| CS1 | Trainings provided for relevant Ministry Staff, PIU, APCU, Local Governments, and relevant stakeholders on: SEP; RPF, RAPs; Environmental Assessment Reports preparation, implementation, monitoring and reporting (ESIAs, ESMPs, generic ESMPs), LMP oversight, OHS and community health safety; Emergency response and preparedness; And other topics as relevant. | *Throughout Project Implementation, at minimum once a year.* | *PIU/ APCU Environmental and Social Expert**WB Environmental and Social Expert* |
| CS2 | Training for the contractors on implementation of environmental and social due diligence documents and ESHS measures including SEA and SH | *Throughout of the project implementation, preferred timing would be after the signing of the contract and before commencement of works.* | *PIU/ APCU Environmental and Social Expert**.* |
| CS3 | Training on water management and integrated pest management practices, climate smart technologies in production etc  | *Throughout of the project implementation, preferred timing would be after the signing of the grant awards and before commencement of works.* | *PIU / APCU Environmental and Social Expert in cooperation with relevant authority representatives.*  |
| CS4 | Training on IPMP developed in accordance with the bodies responsible within the respective ministries and delivered to the end users.  | *Throughout of the project implementation, preferred timing would be after the signing of the grant awards and before commencement of works.* | *PIU / APCU Environmental and Social Expert in cooperation with relevant authority representatives.*  |