### [Social and Environmental Screening Template](file:///C%3A/Users/MMUJEZINOVIC/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/AppData/Local/Microsoft/Windows/MonitoringEvaluation/_layouts/15/WopiFrame.aspx?sourcedoc=%7bDCB86ABA-FEE4-4133-BFCE-4F14EC205A18%7d&file=SESP%20template.docx&action=default)

Annex [#]. Social and Environmental Screening Template

*The completed template, which constitutes the Social and Environmental Screening Report, must be included as an annex to the Project Document. Please refer to the* [*Social and Environmental Screening Procedure*](http://www.undp.org/content/undp/en/home/librarypage/operations1/undp-social-and-environmental-screening-procedure.html) *and* [*Toolkit*](https://intranet-test.undp.org/unit/bpps/DI/SES_Toolkit/) *for guidance on how to answer the 6 questions.*

**Project Information**

|  |  |
| --- | --- |
| ***Project Information***  |  |
| 1. Project Title
 | Environmentally Sound Management of POPs in industrial and hazardous waste sectors |
| 1. Project Number
 |  00109129 |
| 1. Location (Global/Region/Country)
 | Bosnia and Herzegovina  |

**Part A. Integrating Overarching Principles to Strengthen Social and Environmental Sustainability**

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| --- |
| **QUESTION 1: How Does the Project Integrate the Overarching Principles in order to Strengthen Social and Environmental Sustainability?** |
| ***Briefly describe in the space below how the Project mainstreams the human-rights based approach***  |
| Following the Article 25 of the UN Human Right Declaration *“Everyone has the right to a standard of living adequate for the health and well-being of himself and of his family….”,* a healthy environment should be considered as a pre-condition for the full enjoyment of human rights. In addition, Bosnia and Herzegovina (BiH) is a signatory and therefore, committed to multilateral environmental agreements that play a critical role in the overall framework of environmental laws and conventions and form an international legal basis for global efforts to address environmental issues and are advocates of healthy environment and improved human health. The proposed project is focused on preventing release of POPs in the environment through improvement of health care waste management, implementation of green chemistry initiatives in industry and agriculture, and destruction of identified PCBs/POPs waste stockpiles. POPs substances targeted by this project (PCDD/Fs, C-PBDE, Deca PBDE, short chain chlorinated paraffins, PCBs in the dielectric fluid of electrical equipment, and other relevant obsolete POPs materials/stockpiles), pose a global threat to environment and human health due to their long persistence in the environment, their long term and cumulative toxic properties, and their capacity to bioaccumulate in living organisms. By reducing impacts caused by the POPs release in the environment, improved healthcare waste management, and implementation of green chemistry approach in industry and agriculture, as well as disposal of identified PCBs/POPs waste stockpiles, the project will directly contribute to achieving the exercise of this fundamental human rightThe project shall generate interest and involvement of respective stakeholders. This is envisaged through participation of stakeholders in the environmentally sound management of POPs in healthcare institutions, industrial and hazardous waste sectors in BiH will be engaged in the project`s development and implementation, through appropriate consultation mechanisms- Through workshops and awareness raising events stakeholders will be enabled to participate in the decision-making process as during the project formulation so during its implementation, express their opinions on the project and its intended activities. Project efforts will contribute to enhancing the knowledge of the wider public on POPs and U-POPs and their influence on human health by disseminating project results, documenting trainings and conferences and by producing educative materials, therefore respecting the right to be informed on environmental issues enriched in many constitutions, human rights legislation and conventions.  |
| ***Briefly describe in the space below how the Project is likely to improve gender equality and women’s empowerment*** |
| The project PPG phase will assess gender aspects of the healthcare waste and POPs management practices in industrial and hazardous waste sectors, ensure the participation and representation and buy-in of vulnerable groups. Special attention will be devoted to ensuring equal access of women and man to relevant and available information/data and equal participation of women and men at the trainings, conferences and meetings planned by the project.The project will make its best efforts to raise awareness on the links between sub-standard healthcare and general POPS waste management and public health (including occupational standards), with a special focus on the health implications of exposure to POPs for particularly vulnerable population, e.g. Female workers, pregnant women and children. The project will be implemented in a manner that ensures equal participation by women and men in all activities and project structures. Wherever possible, subject to project preparation, gender-disaggregated indicators will be included in the project’s monitoring and evaluation plans. |
| ***Briefly describe in the space below how the Project mainstreams environmental sustainability*** |
| The proposed project is aimed at reducing the risk for people’s health and the environment in the country through prevention of U-POPs releases, reduction of the use and release of chemicals. Moreover, attempts will be made to create the enabling environment for the POPs and U-POPs management and monitoring in the country.The project design bestows significant attention to environmental sustainability by building capacities for harmonization of the POPs related legislation in the country, introducing the Green Chemistry approach in the manufacturing industry, establishing management and disposal practices of PCBs and POPs from abandoned industrial premises. The project paradigm is to create, through capacity building, development and enforcement of regulation, communication, technical guidance, a critical mass which will become self-sustainable in a short time. The self-sustainability is evidenced in implementation of the Green Chemistry principles in plastic manufacturing, thus ensuring sustainability and replicability of the green chemistry approach in the manufacturing industry. One of the aims of the project is also to ensure the scaling up of Green Chemistry initiatives capable to reduce the use and generation of POPs and will be pursued through trainings in manufacturing sector and development of incentive mechanisms to ensure sustainability and replicability. |

Part B. Identifying and Managing Social and Environmental Risks

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| **QUESTION 2: What are the Potential Social and Environmental Risks?** *Note: Describe briefly potential social and environmental risks identified in Attachment 1 – Risk Screening Checklist (based on any “Yes” responses). If no risks have been identified in Attachment 1 then note “No Risks Identified” and skip to Question 4 and Select “Low Risk”. Questions 5 and 6 not required for Low Risk Projects.* | **QUESTION 3: What is the level of significance of the potential social and environmental risks?***Note: Respond to Questions 4 and 5 below before proceeding to Question 6* | **QUESTION 6: What social and environmental assessment and management measures have been conducted and/or are required to address potential risks (for Risks with Moderate and High Significance)?** |
| ***Risk Description*** | ***Impact and Probability (1-5)*** | ***Significance******(Low, Moderate, High)*** | ***Comments*** | ***Description of assessment and management measures as reflected in the Project design. If ESIA or SESA is required note that the assessment should consider all potential impacts and risks.*** |
| Risk 1: The authorities, civil servants and other stakeholders may lack the knowledge and skills necessary for the sound environmental management of chemicals | I = 2P = 3 | **Low** |  | *An awareness-raising and training plan will be developed and implemented so that relevant authorities and civil servants working on chemicals and waste management have the necessary knowledge to properly perform their tasks.* |
| [add additional rows as needed] |  |  |  |  |
|  | **QUESTION 4: What is the overall Project risk categorization?**  |
| **Select one (see** [**SESP**](http://www.undp.org/content/undp/en/home/librarypage/operations1/undp-social-and-environmental-screening-procedure.html) **for guidance)** | **Comments** |
| ***Low Risk*** | **x** |  |
| ***Moderate Risk*** | **☐** |  |
| ***High Risk*** | **☐** |  |
|  | **QUESTION 5: Based on the identified risks and risk categorization, what requirements of the SES are relevant?** |  |
| Check all that apply | **Comments** |
| ***Principle 1: Human Rights*** | **☐** |  |
| ***Principle 2: Gender Equality and Women’s Empowerment*** | **☐** |  |
| ***1. Biodiversity Conservation and Natural Resource Management*** | **☐** |  |
| ***2. Climate Change Mitigation and Adaptation*** | **☐** |  |
| ***3. Community Health, Safety and Working Conditions*** | **☐** |  |
| ***4. Cultural Heritage*** | **☐** |  |
| ***5. Displacement and Resettlement*** | **☐** |  |
| ***6. Indigenous Peoples*** | **☐** |  |
| ***7. Pollution Prevention and Resource Efficiency*** | **☐** |  |

Final Sign Off

|  |  |  |
| --- | --- | --- |
| ***Signature*** | ***Date*** | ***Description*** |
| QA AssessorAlisa Grabus, Programme Associate |  | UNDP staff member responsible for the Project, typically a UNDP Programme Officer. Final signature confirms they have “checked” to ensure that the SESP is adequately conducted. |
| QA ApproverSanjin Avdic, EE Sector Leader |  | UNDP senior manager, typically the UNDP Deputy Country Director (DCD), Country Director (CD)**,** Deputy Resident Representative (DRR), or Resident Representative (RR). The QA Approver cannot also be the QA Assessor. Final signature confirms they have “cleared” the SESP prior to submittal to the PAC. |
| LPAC ChairSanjin Avdic, EE Sector Leader |  | UNDP chair of the PAC. In some cases, PAC Chair may also be the QA Approver. Final signature confirms that the SESP was considered as part of the project appraisal and considered in recommendations of the PAC.  |

### SESP Attachment 1. Social and Environmental Risk Screening Checklist

|  |  |
| --- | --- |
| **Checklist Potential Social and Environmental Risks** |  |
| **Principles 1: Human Rights** | **Answer (Yes/No)** |
| 1. Could the Project lead to adverse impacts on enjoyment of the human rights (civil, political, economic, social or cultural) of the affected population and particularly of marginalized groups? | No |
| 2. Is there a likelihood that the Project would have inequitable or discriminatory adverse impacts on affected populations, particularly people living in poverty or marginalized or excluded individuals or groups? [[1]](#footnote-1)  | No |
| 3. Could the Project potentially restrict availability, quality of and access to resources or basic services, in particular to marginalized individuals or groups? | No |
| 4. Is there a likelihood that the Project would exclude any potentially affected stakeholders, in particular marginalized groups, from fully participating in decisions that may affect them? | No |
| 5. Is there a risk that duty-bearers do not have the capacity to meet their obligations in the Project? | No |
| 6. Is there a risk that rights-holders do not have the capacity to claim their rights?  | No |
| 7. Have local communities or individuals, given the opportunity, raised human rights concerns regarding the Project during the stakeholder engagement process? | No |
| 8. Is there a risk that the Project would exacerbate conflicts among and/or the risk of violence to project-affected communities and individuals? | No |
| **Principle 2: Gender Equality and Women’s Empowerment** |  |
| 1. Is there a likelihood that the proposed Project would have adverse impacts on gender equality and/or the situation of women and girls?  | No |
| 2. Would the Project potentially reproduce discriminations against women based on gender, especially regarding participation in design and implementation or access to opportunities and benefits? | No |
| 3. Have women’s groups/leaders raised gender equality concerns regarding the Project during the stakeholder engagement process and has this been included in the overall Project proposal and in the risk assessment? | No |
| 4. Would the Project potentially limit women’s ability to use, develop and protect natural resources, taking into account different roles and positions of women and men in accessing environmental goods and services? *For example, activities that could lead to natural resources degradation or depletion in communities who depend on these resources for their livelihoods and well being* | No |
| **Principle 3: Environmental Sustainability:** Screeningquestions regarding environmental risks are encompassed by the specific Standard-related questions below |  |
|  |  |
| **Standard 1: Biodiversity Conservation and Sustainable** [**Natural**](#SustNatResManGlossary) **Resource Management** |  |
| 1.1 Would the Project potentially cause adverse impacts to habitats (e.g. modified, natural, and critical habitats) and/or ecosystems and ecosystem services?*For example, through habitat loss, conversion or degradation, fragmentation, hydrological changes* | No |
| 1.2 Are any Project activities proposed within or adjacent to critical habitats and/or environmentally sensitive areas, including legally protected areas (e.g. nature reserve, national park), areas proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities? | No |
| 1.3 Does the Project involve changes to the use of lands and resources that may have adverse impacts on habitats, ecosystems, and/or livelihoods? (Note: if restrictions and/or limitations of access to lands would apply, refer to Standard 5) | No |
| 1.4 Would Project activities pose risks to endangered species? | No |
| 1.5 Would the Project pose a risk of introducing invasive alien species?  | No |
| 1.6 Does the Project involve harvesting of natural forests, plantation development, or reforestation? | No |
| 1.7 Does the Project involve the production and/or harvesting of fish populations or other aquatic species? | No |
| 1.8 Does the Project involve significant extraction, diversion or containment of surface or ground water? *For example, construction of dams, reservoirs, river basin developments, groundwater extraction* | No |
| 1.9 Does the Project involve utilization of genetic resources? (e.g. collection and/or harvesting, commercial development)  | No |
| 1.10 Would the Project generate potential adverse transboundary or global environmental concerns? | No |
| 1.11 Would the Project result in secondary or consequential development activities which could lead to adverse social and environmental effects, or would it generate cumulative impacts with other known existing or planned activities in the area? *For example, a new road through forested lands will generate direct environmental and social impacts (e.g. felling of trees, earthworks, potential relocation of inhabitants). The new road may also facilitate encroachment on lands by illegal settlers or generate unplanned commercial development along the route, potentially in sensitive areas. These are indirect, secondary, or induced impacts that need to be considered. Also, if similar developments in the same forested area are planned, then cumulative impacts of multiple activities (even if not part of the same Project) need to be considered.* | No |
| **Standard 2: Climate Change Mitigation and Adaptation** |  |
| 2.1 Will the proposed Project result in significant[[2]](#footnote-2) greenhouse gas emissions or may exacerbate climate change?  | No  |
| 2.2 Would the potential outcomes of the Project be sensitive or vulnerable to potential impacts of climate change?  | No |
| 2.3 Is the proposed Project likely to directly or indirectly increase social and environmental [vulnerability to climate change](#CCVulnerabilityGlossary) now or in the future (also known as maladaptive practices)?*For example, changes to land use planning may encourage further development of floodplains, potentially increasing the population’s vulnerability to climate change, specifically flooding* | No |
| **Standard 3: Community Health, Safety and Working Conditions** |  |
| 3.1 Would elements of Project construction, operation, or decommissioning pose potential safety risks to local communities? | No |
| 3.2 Would the Project pose potential risks to community health and safety due to the transport, storage, and use and/or disposal of hazardous or dangerous materials (e.g. explosives, fuel and other chemicals during construction and operation)? | No  |
| 3.3 Does the Project involve large-scale infrastructure development (e.g. dams, roads, buildings)? | No |
| 3.4 Would failure of structural elements of the Project pose risks to communities? (e.g. collapse of buildings or infrastructure) | No |
| 3.5 Would the proposed Project be susceptible to or lead to increased vulnerability to earthquakes, subsidence, landslides, erosion, flooding or extreme climatic conditions? | No |
| 3.6 Would the Project result in potential increased health risks (e.g. from water-borne or other vector-borne diseases or communicable infections such as HIV/AIDS)? | No |
| 3.7 Does the Project pose potential risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during Project construction, operation, or decommissioning? | No |
| 3.8 Does the Project involve support for employment or livelihoods that may fail to comply with national and international labour standards (i.e. principles and standards of ILO fundamental conventions)?  | No |
| 3.9 Does the Project engage security personnel that may pose a potential risk to health and safety of communities and/or individuals (e.g. due to a lack of adequate training or accountability)? | No |
| **Standard 4: Cultural Heritage** |  |
| 4.1 Will the proposed Project result in interventions that would potentially adversely impact sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g. knowledge, innovations, practices)? (Note: Projects intended to protect, and conserve Cultural Heritage may also have inadvertent adverse impacts) | No |
| 4.2 Does the Project propose utilizing tangible and/or intangible forms of cultural heritage for commercial or other purposes? | No |
| **Standard 5: Displacement and Resettlement** |  |
| 5.1 Would the Project potentially involve temporary or permanent and full or partial physical displacement? | No |
| 5.2 Would the Project possibly result in economic displacement (e.g. loss of assets or access to resources due to land acquisition or access restrictions – even in the absence of physical relocation)?  | No |
| 5.3 Is there a risk that the Project would lead to forced evictions?[[3]](#footnote-3) | No |
| 5.4 Would the proposed Project possibly affect land tenure arrangements and/or community-based property rights/customary rights to land, territories and/or resources?  | No  |
| **Standard 6: Indigenous Peoples** |  |
| 6.1 Are indigenous peoples present in the Project area (including Project area of influence)? | No |
| 6.2 Is it likely that the Project or portions of the Project will be located on lands and territories claimed by indigenous peoples? | No |
| 6.3 Would the proposed Project potentially affect the human rights, lands, natural resources, territories, and traditional livelihoods of indigenous peoples (regardless of whether indigenous peoples possess the legal titles to such areas, whether the Project is located within or outside of the lands and territories inhabited by the affected peoples, or whether the indigenous peoples are recognized as indigenous peoples by the country in question)? *If the answer to the screening question 6.3 is “yes” the potential risk impacts are considered potentially severe and/or critical and the Project would be categorized as either Moderate or High Risk.* | No |
| 6.4 Has there been an absence of culturally appropriate consultations carried out with the objective of achieving FPIC on matters that may affect the rights and interests, lands, resources, territories and traditional livelihoods of the indigenous peoples concerned? | No |
| 6.5 Does the proposed Project involve the utilization and/or commercial development of natural resources on lands and territories claimed by indigenous peoples? | No |
| 6.6 Is there a potential for forced eviction or the whole or partial physical or economic displacement of indigenous peoples, including through access restrictions to lands, territories, and resources? | No |
| 6.7 Would the Project adversely affect the development priorities of indigenous peoples as defined by them? | No |
| 6.8 Would the Project potentially affect the physical and cultural survival of indigenous peoples? | No |
| 6.9 Would the Project potentially affect the Cultural Heritage of indigenous peoples, including through the commercialization or use of their traditional knowledge and practices? | No |
| **Standard 7: Pollution Prevention and Resource Efficiency** |  |
| 7.1 Would the Project potentially result in the release of pollutants to the environment due to routine or non-routine circumstances with the potential for adverse local, regional, and/or [transboundary impacts](#TransboundaryImpactsGlossary)?  | No |
| 7.2 Would the proposed Project potentially result in the generation of waste (both hazardous and non-hazardous)? | No |
| 7.3 Will the proposed Project potentially involve the manufacture, trade, release, and/or use of hazardous chemicals and/or materials? Does the Project propose use of chemicals or materials subject to international bans or phase-outs?*For example, DDT, PCBs and other chemicals listed in international conventions such as the Stockholm Conventions on Persistent Organic Pollutants or the Montreal Protocol*  | No |
| 7.4 Will the proposed Project involve the application of pesticides that may have a negative effect on the environment or human health? | No |
| 7.5 Does the Project include activities that require significant consumption of raw materials, energy, and/or water?  | No |

1. Prohibited grounds of discrimination include race, ethnicity, gender, age, language, disability, sexual orientation, religion, political or other opinion, national or social or geographical origin, property, birth or other status including as an indigenous person or as a member of a minority. References to “women and men” or similar is understood to include women and men, boys and girls, and other groups discriminated against based on their gender identities, such as transgender people and transsexuals. [↑](#footnote-ref-1)
2. In regard to CO2, ‘significant emissions’ corresponds generally to more than 25,000 tons per year (from both direct and indirect sources). [The Guidance Note on Climate Change Mitigation and Adaptation provides additional information on GHG emissions.] [↑](#footnote-ref-2)
3. Forced evictions include acts and/or omissions involving the coerced or involuntary displacement of individuals, groups, or communities from homes and/or lands and common property resources that were occupied or depended upon, thus eliminating the ability of an individual, group, or community to reside or work in a particular dwelling, residence, or location without the provision of, and access to, appropriate forms of legal or other protections. [↑](#footnote-ref-3)