CLIMATE AND DISASTER RESILIENT CITIES PROJECT

(Project No: P173025)

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN CHECKLIST

Project Name

**Current Date**

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**Abbreviations**

|  |  |
| --- | --- |
| CDRC | Climate and Disaster Resilient Cities |
| CoC | Code of Conduct |
| E&S | Environmental and Social |
| ESIA | Environmental and Social Impact Assessment |
| ESIRT | Environmental and Social Incident Response Toolkit |
| ESMF | Environmental and Social Management Framework |
| ESMP | Environmental and Social Management Plan |
| ESS | Environmental Social Standard |
| GM | Grievance Mechanism |
| LMP | Labor Management Procedures |
| MoEUCC | Ministry of Environment, Urbanization and Climate Change |
| MSDS | Material Safety Data Sheet |
| OHS | Occupational Health and Safety |
| PAP | Project Affected Person |
| PMU | Project Management Unit |
| RF | Resettlement Framework |
| SEA/SH | Sexual Exploitation and Abuse/Sexual Harassment |
| SEP | Stakeholder Engagement Plan |
| WB | World Bank |

# **INTRODUCTION**

## **Subproject Description and Planned Activities**

This Environmental and Social Management Plan (ESMP) Checklist has been prepared for the purpose of identifying and implementing measures to sustain and/or eliminate potential environmental and social risks and impacts that may arise from the project activities to be carried out at address in X district of X province within the scope of the Climate and Disaster Resilient Cities (CDRC) Project.

This ESMP Checklist clearly states who will take action, when and how, during the construction phase of the project to manage, monitor and keep potential environmental and social risks and impacts at an acceptable level.

This ESMP Checklist has been prepared in accordance with the CDRC Project's Environmental and Social Management Framework (ESMF), Stakeholder Engagement Plan (SEP) and Labor Management Procedures (LMP), which have been prepared primarily in accordance with Turkish laws and regulations, but also in accordance with World Bank policies and the Environmental and Social Framework (ESF).

Detailed information on the building to be converted/reconstructed/retrofitted within the scope of the Project is presented in Table 1. Visuals of the building (building exterior views) and information on the location of the building are also presented in Annex-4.

**Table 1 Information on the Project Site**

|  |  |  |  |
| --- | --- | --- | --- |
| **GENERAL INFORMATION** | | | |
| **Project Name** |  | | |
| **Province** |  | | |
| **District** |  | | |
| **Address** |  | | |
| **Number of Users** |  | | |
| **INTRODUCTION OF THE CONSTRUCTION SITE** | | | |
| **Employer** |  | | |
| **Contractor** |  | | |
| **Block/Parcel** |  | | |
| **License Date** |  | | |
| **License No** |  | | |
| **Project Officers Information** | **Architecture** | **Architect** |  |
| **Static** | **Construction Engineer** |  |
| **Mechanical** | **Mechanical Engineer** |  |
| **Electricity** | **Electrical Engineer** |  |
| **Construction Site Supervisor** |  | |
| **Building supervision** |  | | |
| **ACTIVITIES PLANNED TO BE CARRIED OUT DURING THE PROJECT** | | | | |
| 1. Doing the necessary work to ensure environmental safety in the construction site**: [Indicate dates, a period in which this work would be finished]**  2. Ground improvement works:  3. Excavation works:  4. Construction of raft foundation and reinforced concrete frame construction works:  5.Construction of wall works:  6. Plumbing, electrical installation and heating installation works:  7. Plastering works:  8. Construction of screed works, ceramic and tile coating works:  9. All carpentry works and furniture works:  10. Installation of products such as sanitary ware, armatures, etc.:  11. Interior and exterior painting works:  13. Environmental landscaping works: | | | | |

***Building Location***

**Building information.**

See Table 3 for more detailed information on the environmental and social baseline.

Photographs and drawings showing the location of the building are presented in Annex 4.

## **National and Local Legislation and Permits Applicable to Subproject Activities**

This ESMP Checklist for the subproject has been prepared primarily in accordance with the laws and regulations of Türkiye. The main framework for Türkiye's environmental legislation is the Environmental Law (No. 2872), published in the Official Gazette No. 18132 dated August 11, 1983 and revised in the Official Gazette dated 29.04.2013, supported by a series of regulations. Below are the regulations that will be primarily utilized for the assessment and prevention of environmental impacts within the scope of this project.

## **World Bank Environmental and Social Standards**

The Environmental and Social Standards (ESSs) included in the World Bank's (WB) Environmental and Social Framework (ESF) and applicable to the Project Components assessed in this ESMP Checklist are as follows and details of the ESSs are provided in in İzmir Province ESMP[[1]](#footnote-2). (Section 5- subsection 5.7.1)

* Environmental and Social Standard 1 (ESS1)- Assessment and Management of Environmental and Social Risks and Impacts
* Environmental and Social Standard 2 (ESS2)- Labor and Working Conditions,
* Environmental and Social Standard 3 (ESS3)- Resource Efficiency and Pollution Prevention and Management
* Environmental and Social Standard 4 (ESS4)- Community Health and Safety,
* Environmental and Social Standard 5 (ESS5)- Land Acquisition, Restrictions on Land Use and Involuntary Resettlement
* Environmental and Social Standard 6 (ESS6)- Biodiversity Conservation and Sustainable Management of Living Natural Resources,
* Environmental and Social Standard 8 (ESS8)- Cultural Heritage,
* Environmental and Social Standard 10 (ESS10)- Stakeholder Engagement and Information Disclosure.

The main differences between national legislation and the WB ESSs can be broadly divided into three: (1) the categorization of projects, (2) the detail of the impact assessment process, and (3) public consultation. Details of these differences and suggested measures to close any existing gaps are provided later in this checklist. (Section 4-subsection 4.2) In cases where the Turkish legislation differ from the ESSs, the one that is more stringent will be applied to the Project implementation.

**Table 2 Environmental and Social Standards**

|  |  |
| --- | --- |
| **Environmental and Social Standard** | **Applicability (YES/NO)** |
| ESS1: Assessment and Management of Environmental and Social Risks and Impacts |  |
| ESS2: Labor and Working Conditions |  |
| ESS3: Resource Efficiency and Pollution Prevention and Management |  |
| ESS4: Community Health and Safety |  |
| ESS5: Land Acquisition, Restrictions on Land Use and Involuntary Resettlement |  |
| ESS6: Biodiversity Conservation and Sustainable Management of Living Natural Resources |  |
| ESS8: Cultural Heritage |  |
| ESS10: Stakeholder Engagement and Information Disclosure |  |

# **PURPOSE AND SCOPE OF THE ESMP CHECKLIST**

This ESMP Checklist assesses the environmental and social risks and impacts that will occur during the subproject, identifies guidelines and procedures to ensure that social and environmental issues are systematically addressed during the subproject phase, and discusses measures and plans to reduce, mitigate and offset adverse risks and impacts.

This ESMP checklist has been prepared in alignment with the environmental and social framework documents developed for the CDRC Project, including the ESMF, SEP, LMP, Resettlement Framework (RF), and the İzmir Province ESMP.

# **ENVIRONMENTAL AND SOCIAL BASELINE**

**Table 3 Environmental and Social Baseline**

|  |  |
| --- | --- |
| **Field Description** | |
| **Definition of geographical, physical, biological, geological, hydrographic and socio-economic context** | |  |
| **The locations of facilities such as hospitals, health units, government buildings and their distances to these facilities** | |  |
| **Locations of and distances to material collection areas, especially aggregate, water and stone** | |  |
| **Definition of infrastructure used by the project such as sewerage system, electricity, water mains etc.** | |  |

# **ENVIRONMENTAL AND SOCIAL SCREENING, ASSESSMENT AND MANAGEMENT**

## **Environmental and Social Screening**

Although it is not currently possible to make a clear assessment of the cumulative impacts of the sub-projects within the scope of the Project on the environmental components, a cumulatively high impact is not expected given the potential scale of the sub-projects. However, the CDRC Project overall, been assessed as "substantial" in environmental terms due to some risks related to demolition and excavation, and "high" in social terms due to exclusion from Project benefits, resettlement-related and adverse impacts under Component 2, potential impoverishment, insufficient stakeholder engagement or exclusion from consultations, as well as community health and safety risks during the reconstruction or rehabilitation of structures. structures are being reconstructed/rehabilitated.

Small-scale construction activities will be carried out within the scope of the Project. The potential environmental and social impacts of these activities on building users, stakeholders residing in the immediate vicinity of the buildings and the environment are listed in Section 4.2.

As per the Environmental and Social Screening presented in Annex 9 of this document, the environmental and social risk for the sub-project has been assessed as “moderate”.

## **Potential Environmental and Social Risks and Impacts**

During the implementation of sub-projects under Component 2, potential environmental and social risks and impacts may arise.[[2]](#footnote-3) Accordingly, impacts and risks that may arise during the demolition, reconstruction or retrofitting of risky structures can be associated with the following;

* Social risks related to the project include vulnerable groups being deprived of project benefits, facing resettlement and impoverishment risks, experiencing a lack of participation in stakeholder consultation processes, and encountering public health and safety risks during the reconstruction or strengthening of the building.
* Noise and vibration during reconstruction,
* Construction and demolition wastes, mainly during demolition, and other wastes during reconstruction (Air pollution specifically related to particulate matter, most likely to occur during demolition)
* Water and soil pollution that may arise in all processes,
* Environmental, public health and occupational health and safety (OHS) impacts related to asbestos if the building to be demolished contains asbestos,
* Labour-related and OHS related risks due to intensive construction activities,
* Risks that sub-project-induced traffic may pose to public health,
* General OHS risks that may apply to any demolition/retrofitting/reconstruction activity,
* Public health and safety risks that may be associated with all of the impacts listed above,
* Inadequate information and stakeholder engagement,
* Lack of information on and access to grievance mechanisms by workers and/or project affected persons,
* Risks of exclusion of poorer or vulnerable groups from Project benefits, subsidies, etc.
* The risk of impoverishment due to permanent or temporary physical or economic displacement, and
* Risks of Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH).

## **Mitigation Measures**

During the implementation of the sub-project in question, potential environmental and social risks and impacts may arise. Accordingly, the impacts that may arise during reconstruction activities within the scope of this sub-project are associated with the risks and impacts listed in Table 4.

The Contractor will ensure that the measures specified in Table 4 are implemented properly. The site supervisor is responsible for monitoring and reporting on compliance with this ESMP Checklist.

**Table 4 Mitigation Measures for Risks and Impacts of Retrofitting/Demolition/Reconstruction Works**

|  |  |  |
| --- | --- | --- |
| **PROJECT PHASE** | **PARAMETER** | **MITIGATION MEASURE /ACTION TO BE TAKEN** |
| **Reconstruction or Retrofitting Stage** | Domestic Waste | * Domestic waste will be separated at source (plastic, glass, paper, etc.) and recyclable waste will be recycled. * Waste that cannot be recycled will be collected in sealed sanitary bins and disposed of through the solid waste collection system of X Province /X Municipality. |
| Waste Oils | * In case there are different categories of oil types resulting from the works at the construction site, these oils will be stored separately. * Containers where waste oils are stored will be kept closed and protected from rainwater. * Waste oils will only be transported by licensed transport companies and will only be sent to a licensed recycling or disposal facility. |
| Waste Battery and Accumulator | * Waste batteries will be collected separately from other wastes and delivered to authorized institutions and recycled. * Waste batteries and accumulators will be delivered to waste battery and accumulator disposal facilities located within the boundaries of the Municipality through authorized transport companies. |
| End-of-Life Tires | * In cases where vehicle tires need to be replaced during construction activities, the old tires will be transported through licensed tire distributors and transport licensed vehicles. |
| Waste Management | * During construction activities, all waste types will be collected separately at source and stored in the temporary waste storage area. * Mineral wastes will be separated from general waste, organic, liquid and chemical wastes on site and stored in suitable containers. * Construction waste will be collected and disposed of regularly by licensed collectors. * Waste disposal records will be kept on a regular basis. * Where appropriate, waste other than asbestos will be reused or recycled. |
| Toxic/hazardous waste management | * In case of temporary storage of hazardous wastes at the project site; the wastes will be stored in robust, leak-proof, safe and nationally and internationally accepted standards, the containers will be labelled as hazardous waste and the amount, content, properties, protection conditions and storage date of the stored material will be indicated on the containers. * Containers in which hazardous substances are stored shall be placed in sealed containers (secondary containment) to prevent spillage and leakage. * Hazardous wastes will be transported by licensed waste transport companies and disposed of in licensed facilities. * Toxic paints, solvents or lead-based paints will not be used. * Hazardous waste management will be carried out in accordance with the Regulation on Control of Hazardous Wastes in consultation with X Provincial metropolitan municipality * Hazardous chemicals and wastes likely to be generated at the construction site will be stored in a manner that does not pose a threat to public health. * Disposal of hazardous chemicals and wastes likely to be generated at the construction site will be carried out in licensed facilities under the control of authorized companies and experts. |
| Air Quality | * Construction or waste materials shall not be burnt in open areas. * Construction machinery at the construction site will not be idled/ idle for long periods of time. * Trucks will be covered and speed limit will be imposed during material transport. * All vehicles to be used will have exhaust emission permits and all vehicles will be regularly maintained. * In order to prevent dusting on the roads to be used during material transport, irrigation will be made on the roads with a water truck when necessary. * All vehicles will be regularly maintained in order to prevent emissions from vehicles. * In case of excavation dust during air pressure drilling, dust emission will be prevented by continuous water spraying and/or dust curtain installation. |
| Noise / Vibration Management | * During the construction phase, the engine covers of generators, air compressors and other mechanical equipment will be kept closed and the equipment will be placed as far away from living areas as possible. * Impact noise that may occur as a result of construction site activity will not exceed 100 dBC in terms of LCmax noise indicator. * Noise generated during the construction phase will be limited to the time periods specified in the permits. Construction site activities within and in close proximity to residential areas shall not be carried out in the evening and nighttime periods other than daytime. * Construction activities will be limited to the daytime as much as possible. In case the activities are carried out in the evening and nighttime periods, the limit values of 65 dBA for the evening time period and 60 dBA for the night time period will be provided and the decision of the Provincial Local Environmental Board for evening and night works will be taken. * In case of an increase in the noise level during the construction phase, measures such as not operating work machines at the same time or using new model vehicles as much as possible will be taken. * Those residing near the construction site will be informed during construction. |
| Excavated Earth, Construction and Demolition Waste | * Waste will be minimized at source. * Recycling of excavation soil and construction/demolition wastes and their reuse especially as infrastructure materials will be prioritized. * Excavation soil and construction/demolition wastes will not be mixed with each other. * Wastes will be separated at source for a healthy recovery and disposal system. |
| Waste Water and Water Management | * Wastewater generated during construction works will be integrated into the existing municipal sewerage system. |
| Protection | * All natural habitats, wetlands and areas recognized as protected areas in the immediate vicinity of the activities will not be damaged or abused. * Prohibitions on hunting, foraging, logging or other destructive activities will be imposed on all personnel involved in the Project. * In case there are large trees in the area where construction works will be carried out, an inventory study will be carried out to identify these trees. The trees identified as a result of the study will be marked and fenced around the trees in order to protect them to prevent damages that may arise from the construction works. * If there are wetlands and streams near the project site, necessary erosion and sediment control measures will be taken to prevent damage from construction works. |
| Community and Traffic Safety  *City-specific and sub-project specific measures will be specified in the Community Health and Traffic Management Plan in Annex 6.* | * Announcement of time intervals for heavy tonnage vehicles to transport materials and equipment to the site, selection of alternative routes, etc. will be carried out in cooperation with the Transportation Coordination Center UKOME. * During the traffic risk analysis process, local authorities will be consulted to prevent the use of roads that may jeopardize public health and safety. * Activities that will affect the traffic in the region will be planned to take into account the peak hours of traffic. * Route information, including roads to be used and not to be used in the Project, will be shared with drivers and relevant subcontractors and necessary information/awareness will be provided. * Necessary identification and warning signs will be placed on roads and intersections to warn drivers and pedestrians outside the Project about construction site traffic. * It will be ensured that all vehicles that will work during construction will comply with the legal speed limit. * The construction site will be surrounded by a solid fence to prevent unauthorized access to the construction site. * Visual and/or audible warning systems will be in operation on all construction machinery. * High noise activities will be scheduled outside school hours to minimize disruption to nearby schools. * Clear signage and safety barriers will be established around the construction site. * Traffic and pedestrian safety will be coordinated with nearby school administrations. * Subcontractors, workers and others on site will be informed about child safety protocols. * A traffic officer will be appointed to manage general traffic management, traffic diversion, control and emergency response. * During school arrival and dismissal times, activities outside the construction area, such as material handling, will not be allowed to avoid health and safety risks for school children and their parents. * Local communities will be informed about potential hazards and risks. * Safety nets and rigid barriers will be used to prevent materials from falling off the construction site. * Tires for construction machinery and other vehicles will be selected to suit the terrain and climatic conditions, and worn tires will not be used. |
| Occupational Health and Safety | * All activities/studies will be carried out in accordance with both the Occupational Health and Safety Law[[3]](#footnote-4) and related regulations and with the World Bank Group Environmental, Health and Safety General Guidelines[[4]](#footnote-5) * In order to determine and monitor the implementation of OHS measures to be taken in workplaces, to prevent occupational accidents and occupational diseases, to carry out first aid and emergency treatment and preventive health and safety services of employees; workplace physician, occupational safety specialist will be assigned. If there are ten or more employees in the workplace, other health personnel services will also be provided. * All employees will be given on the job training related to working conditions and the project at the beginning of their employment. Due to specific position of the site and closeness to other buildings with residential areas, particular efforts will be placed in observing strictly all relevant OHS legislation. * Employees will be given training in accordance with the legislation (Basic Occupational Health and Safety Training, Working at Height Training, First Aid Training, etc.) * Health Screening and Examinations of employees will be carried out at the beginning of employment. * Workers with Vocational Qualification Certificate will be employed in the project. * All documents required by the legislation (Health and Safety Plan, Risk Assessment, Emergency Action Plan, etc.) will be prepared * Collective protection measures (safety nets, lighting, anti-fall barriers, anti-fall platforms, etc.) will be implemented on site in accordance with the legislation. * Employees will be provided with all necessary Personal Protective Equipment (hard hat, reflective work clothes, work shoes, fully protected seat belt, etc.) in accordance with their work. * Health and Safety signs will be used at the construction site in accordance with the regulation. * Chemicals in construction will be used and stored in accordance with MSDS. * Emergency teams will be formed, and these teams will be trained in accordance with their duties. * Emergency drills will be carried out in accordance with the legislation. * An Emergency Assembly Area will be created for emergencies. * Fire extinguishers will be supplied in number and quality in accordance with the legislation. * Measurements and inspections to be carried out on installations and equipment as required by the legislation will be carried out in accordance with the Regulation on Health and Safety Conditions in the Use of Work Equipment. * In the case of OHS incidents involving loss of life, loss of limb or injury requiring more than 3 days absence from work, the Contractor will immediately inform MOEUCC PMU and follow the requirements of ESIRT which will be provided to the Contractor by PMU. |
| Labour and Working Conditions | * Concluding written contracts with workers upon recruitment, including terms and conditions of employment, wages, working hours, and rights in accordance with national legislation * Keeping personnel data files including contracts, training records, signed codes of conduct, health reports. (See Project’s LMP Annex 3) * Minimum legal labor standards, as outlined in the LMP of the CDRC Project and in compliance with the WB ESF and national legislation, will be adhered to. These include provisions on child and forced labor, anti-discrimination, working hours, and minimum wages, in alignment with International Labor Organization (ILO) regulations * Discrimination based on language, race, gender, political thought, philosophical belief and religion will be avoided in business relations. * Contracts will include OHS provisions, including obligations to ensure that measures against SEA/SH risks are fully taken and implemented. * Adequate distance and space will be provided in designated areas for workers to take meals, breaks, etc. * Equal opportunities will be provided for women employees in the workplace and spatial arrangements will be made. * All workers will be given training on discrimination and codes of conduct. The training given to the employees will be explanatory about the concepts of sexual harassment and abuse, gender-based violence, abuse, and intervention with harassment. * Workers will be informed about the Grievance mechanism and will be required to be aware of this Mechanism. |
| Potential Community Disturbance | * The PMU will ensure that contractors establish the code of conduct and will check that workers will be given training, especially on communication with local people before starting work, so that people will not be adversely affected by external workers. * The operations to be carried out during construction works will be performed not to restrict/hinder the social and economic life of local people. * To avoid any impact on the safety and daily life of communities, safety and information signs will be placed on site before the work. |
| Grievance Mechanism | * A grievance mechanism will be used for all stakeholders to submit their complaints, requests and suggestions in line with the principles set out in the Project Stakeholder Engagement Plan. All grievances, requests and suggestions of stakeholders will be recorded with the grievance form in Annex-1 of this ESMP Checklist. * Corrective actions regarding complaints, requests and suggestions collected through the Grievance Mechanism will be developed within 15 days and the complainant, request and suggestion owner will be informed about the corrective action. * Complaints, requests and suggestions collected through the Complaints Mechanism will be closed within a maximum 30 business days from the registration date, using the Complaint Closure Form provided in Annex 2 of this ESMP Checklist. * During the project implementation, all written and verbal requests (complaints, opinions, suggestions, etc.) from stakeholders will be regularly recorded in accordance with the Grievance Registration table sample presented in Annex-3 of this ESMP Checklist. * All stakeholders will be informed about the intake channels and functioning of the Grievance Mechanism. * All necessary verbal, written and visual information will be provided in order to convey the details of the Grievance Mechanism to all stakeholders. * Grievance mechanism requirements (Grievance box, grievance forms and grievance process information poster) will be placed inside and outside the construction site in a visible area that is easily accessible to all stakeholders. * Two separate grievance mechanisms will be established for internal stakeholders (employees) and external stakeholders. * Anonymous complaints will also be taken into consideration and processed in accordance with the project’s GM procedures. * Full compliance with the provisions of the Law on the Protection of Personal Data will be ensured during the evaluation of complaints. |
|  | Stakeholder and Citizen Engagement | * Adequate timing for interaction/communication and engagement with communities will be planned. * Regular consultations will be held with authorities and communities regarding project management and current progress of the project. * Implementation of project specific Grievance Mechanism (GM) * Meetings will be held with local authorities, school administrations, parents and community representatives to provide project updates, address concerns and incorporate feedback into project management where necessary. * Awareness sessions will be organized as needed and/or as directed by the UTP PMU to inform students, parents and school staff about construction activities, safety measures and emergency procedures. * Involve school children in safety awareness activities such as interactive workshops on construction safety and environmental protection. * A direct communication channel will be provided for nearby school administrations in case of a sub-project related emergency affecting school children. |

# **ENVIRONMENTAL AND SOCIAL MONITORING AND REPORTING**

## **Environmental and Social Monitoring**

The contractor is responsible for the implementation of province-level ESMPs[[5]](#footnote-6) prepared by the PMU, and also preparation and implementation of sub-project specific ESMP Checklists, and implementation of neighborhood-wide ESIAs (if exists).

Contractors will appoint one focal point for managing issues related to E&S, stakeholder engagement and grievance mechanism and another one focal point for managing the OHS risks of subprojects and this obligation which are also incorporated into the contracts that the owners will sign with their contractors. Contractors will retain these focal points for the duration of their contract for the on-site implementation of these documents. An occupational safety expert will be hired and trained in environmental aspects, whose services will be required in line with national legislation.

In addition, individual PMU experts in the provinces will continuously support the focal points of the contractors to fulfill their responsibilities in the SEP, RF, LMP and GM. The key requirements and components of the environmental and social monitoring framework are presented in Section 9 (Table 30) of the Izmir Province Environmental and Social Management Plan.

## **Reporting**

The minimum requirements for the reports, including the responsibilities, scope, frequency, and other details, will comply with the issues outlined in Table 5 below. These reports will document the environmental and social compliance of sub-projects with project standards and activities, including GM processes, stakeholder engagement, environmental, social and OHS-related matters, for each reporting period.

Waste types, the amount of waste collected in each type and waste classifications will be recorded monthly. Records of waste generated from the time of generation to the final destination will be kept. A sample Waste Record Form is provided in this ESMP checklist in Annex-5 for this purpose.

Annual waste declaration forms[[6]](#footnote-7) and National Waste Transportation Forms[[7]](#footnote-8) will be kept on site for 5 years.

Daily audits of waste management at the construction site will be carried out during construction and operation phases. Corrective and/or remedial actions will be designed and implemented based on monitoring and audit results. List of corrective and/or remedial actions will be kept on site and made available upon request.

The grievance log and records of stakeholder engagement activities (including minutes, participant lists, and related documentation) will be maintained on-site and included in the monthly reports.

The performance of these actions will also be monitored and reported. Reporting Requirements for the implementation of the Izmir Province Environmental and Social Management Plan are presented in Section 8.3.2 (Table 29).

**Table 5 Reporting Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reporting party** | **Reporting requirements** | **Reporting frequency** | **Party to which reports will be submitted** |
| Contractor / Contractor's OHS, Social and Environmental Focal Point | * Summary of the progress of demolition/retrofitting/construction activities schedule. * Summary of the compliance activities according to the province-based ESMPs, neighborhood-level ESIAs (if exists) and sub-project-specific ESMP Checklists. * OHS records including up-to-date list of all accidents, incidents and near-misses that occur during the Project. * Records of E&S trainings provided to personnel. * Tracking information of all past issues still being resolved. * Photos of the Project activities related to the implementation of this ESMP Checklist mitigation measures. * Daily compliance checklist of the works that are performed every day on the site. * Analysis/summary of grievances (disaggregated data: gender, province, grievance category, status, etc.) * List/number of stakeholder engagement and outreach activities | Once a month | The PMU individual specialists in the provinces. |

# **TRAINING**

Contractors will ensure that all personnel (including subcontractors' personnel, if any) receive adequate basic environmental, social and OHS training. The scope of the training will ensure that workers are able to carry out their waste management tasks and functions by being aware of relevant aspects of this plan, relevant legislation and standards, and general waste management practices (e.g. tidiness, waste segregation).

Details of training (e.g. participants, topics, hours of training provided) will be recorded and records kept on site. Personnel routinely working with hazardous waste materials will receive additional specialized training detailing specific handling, segregation, labeling, storage, spill response and disposal requirements.

The list of trainings to be delivered, including but not limited to those outlined in Table 6, is provided.

**Table 6 Trainings Provided or Planned to be Provided by the Contractor to Personnel under the Project**

|  |  |
| --- | --- |
| **TRAININGS** | * Community Health and Safety Training * Social Impact Management * Stakeholder Engagement and Grievance Mechanism Training * Gender-Based Violence Education * Code of Conduct Training * Working at Height Training * First Aid Training * Basic Occupational Health and Safety Training * Waste Management Training * Environmental Awareness and Awareness Training * Employment Orientation Training * Waste Management Training * Basic Environmental Education |
| \* *The list of trainings can vary by the sub-project’s needs and additional trainings can be planned when necessary.* | |

# **GRIEVANCE MECHANISM (GM)**

The Grievance Mechanism (GM) is an arrangement that provides channels for Project stakeholders to provide feedback and/or raise concerns and grievances related to Project activities.

In line with international requirements, a grievance mechanism has been established under the Climate and Disaster Resilient Cities Project to receive, resolve and follow up on concerns and grievances of project affected and relevant stakeholders.

The mechanism within the PMU will be accessible to stakeholders via email, phone and face-to-face communication and will respond to all grievances as soon as possible.

Stakeholders will be able to voice their grievances through ALO 181, CIMER, hotline, face-to-face meetings, grievance registration forms and the website contact form.

The contractor will record complaints using the form provided in Annex 1., close them using the complaint closure form in Annex 2, and track them through the complaint log table provided in Annex 3.

Table 7 below presents all available intake channels of the GMs accessible at both the national and İzmir province levels. For detailed information about the GM, please refer to the SEP[[8]](#footnote-9) prepared for the CDRC Project.

**Table 7 Grievance Mechanism Channels**

|  |  |
| --- | --- |
| **PMU Central Office e-mail** | [dayanikli@csb.gov.tr](mailto:dayanikli@csb.gov.tr) |
| **PMU Head Office Phone Number** | +90 312 410 77 07 |
| **Izmir Social Specialist email** | [ali.kincal@kdb.gov.tr](mailto:ali.kincal@kdb.gov.tr) |
| **Izmir PMU Office Phone Number** | +90 232 502 20 12 |
| **Izmir PMU Office Address** | Adalet Mahallesi, 1594/9 Sokak. No: 87/A-B, I Blok, Bayraklı / İzmir |

# **ANNEX 1- SAMPLE** **GRIEVANCE REGISTER FORM**

**CLIMATE AND DISASTER RESILIENT CITIES PROJECT**

**GRIEVANCE REGISTER FORM**

|  |  |  |
| --- | --- | --- |
| **Location of Complaints Received** |  | **Date** |
| **Name of Person in Charge** |  | **Complaint Register Number** |
| **Coordinates of The Area Subject to Complaint** |  | |
| **COMPLAINANT INFO**  **Applicants can submit their requests anonymously. However, if no ID or communication details are provided, this may prevent the applicant from receiving feedback regarding the corrective actions to be taken and the status of the request.** | | |
| **Name Surname** |  | **Form of Complaint:** |
| **Identification Number** |  | **Phone –Free phone line** |
| **Telephone/ E-mail** |  | **Face to face** |
| **Neighborhood-Village –District - Province** |  | **Consultation meeting** |
|  |  | **Petition** |
|  |  | **Project web page** |
|  |  | **CİMER**  **(Presidential Communication Center)** |
| **/ DETAILS OF COMPLAINT** | | |
| **Complaint** | | |
| **Solution requested by the Complainant** | | |
| **Name Surname and Signature of the Registrar Name Surname and Signature of Complainant** | | |

# **ANNEX 2- SAMPLE GRIEVANCE CLOSURE FORM**

**CLIMATE AND DISASTER RESILIENT CITIES PROJECT**

**GRIEVANCE CLOSURE FORM**

|  |  |  |
| --- | --- | --- |
| **Grievance Closure No:** |  | |
| **Identify the urgent actions** |  | |
| **Identify the long-term actions (if necessary)** | **Dear ECA RSA team,** | |
| **Is there a claim for compensation?** | **Yes No** | |
| **CONTROL AND DECISION OF CORRECTIVE ACTION** |  |
| **Stages of Corrective Action** | **Date of Expiration of the Given Period and Authorized Institutions** | |
| 1. |  | |
| 2. |  | |
| 3. |  | |
| 4. |  | |
| 5. |  | |
| 6. |  | |
| 7. |  | |
| 8. |  | |
| 9. |  | |
| 10. |  | |

# **ANNEX 3-** **SAMPLE GRIEVANCE REGISTRATION LOG**



# **ANNEX 4- GENERAL PROJECT AND SITE INFORMATION (MAPS, DRAWINGS AND PHOTOGRAPHS)**

**Figure 1 Exterior views of the project area - 1**

**Figure 2 Exterior views of the project area- 2**

**Figure 3 Plans of the building to be rebuilt - 1**

**Figure 4 Plans of the building to be rebuilt - 2**

**Figure 5 Plans of the building to be built - 3**

**Figure 6 Plans of the building to be built - 4**

**Figure 7 Map showing the location of the project area**

# **ANNEX 5-** **RESOURCE EFFICIENCY AND POLLUTION PREVENTION PLAN**

Resource efficiency is the efficient and sustainable use of limited and exhaustible resources such as raw materials, energy and water to create more value using fewer inputs. It can also be defined as doing more with fewer resources and reducing the negative impacts of resource use. The Plan has been developed to identify the primary applicable requirements for waste management for the Project in accordance with relevant national legislation, the World Bank Environmental and Social Framework and relevant Environmental and Social Standards (ESSs). The Plan will be applicable to the retrofitting / demolition / reconstruction activities of the Project's subprojects, particularly under Component 2.

ESS3 recognizes that economic activity and urbanization often pollute air, water and soil and consume finite resources that can threaten people, ecosystem services and the environment at local, regional and global levels.

ESS3 sets out requirements for addressing resource efficiency and pollution prevention and management throughout the life of the Project, consistent with Global International Industry International Practices (GIIP).

The objectives of the Resource Efficiency and Pollution Prevention and Management Standard are given below:

* To promote the sustainable use of resources, including energy, water and raw materials
* Prevent or minimize adverse impacts on human health and the environment by preventing or minimizing pollution from project activities
* Avoid or minimize project-related emissions of short- and long-lived climate pollutants
* Prevent or minimize the generation of hazardous and non-hazardous waste
* Minimize and manage the risks and impacts associated with pesticide use.
* This plan outlines the resource efficiency and pollution prevention framework to be followed by the contractor.
* This plan is prepared for implementation by contractors and subcontractors.

Retrofitting, demolition and reconstruction activities will cause noise and air pollution, as well as hazardous material risks such as chemical leakage risks. In addition, basic retrofitting/reconstruction requirements such as concrete, rebar, insulation material, etc., will be required as resources, as well as water for personnel use and fuels for vehicles and equipment.

For more detailed information, check Annex 7 of İzmir Province Environmental and Social Management Plan (DRAFT)[[9]](#footnote-10).

***Table 8 Resource Efficiency and Pollution Prevention Plan***

|  | **MITIGATION MEASURES** | **DUTIES AND RESPONSIBILITIES** |
| --- | --- | --- |
| Air Quality | -Construction or waste materials shall not be burnt in open areas.  -Construction machinery will not be left idling for prolonged periods.  -Trucks used for material transportation will be covered, and speed limits will be enforced.  -All vehicles operating on-site will have valid exhaust emission permits and undergo regular maintenance.  -Water spraying will be conducted on transportation routes as needed to prevent dust formation.  -Regular maintenance of all vehicles will be ensured to minimize emissions.  -If dust is generated during air-powered drilling, mitigation measures such as continuous water spraying or the installation of dust barriers will be implemented.  . | Contractors |
| Soil and Groundwater | -Residual (excess) concrete from mixer trucks will not be washed on the construction site, its surroundings, or access roads.  -Concrete mixer drivers will receive appropriate training on waste management procedures.  -Hazardous chemicals and materials will be stored in a designated area to prevent leakage and spillage.  -Containers with partially used chemicals will be kept sealed when not in use. In the event of a hazardous substance or waste spillage, containment measures will be implemented to limit exposure. Workers capable of responding to such incidents will be provided with relevant leakage-spillage emergency response training.  -Proper spill containment kits will be placed at designated locations within the construction site. | Contractors |
| Solid Waste | -Household waste will be sorted at the source (plastic, glass, paper, etc.) and recyclable waste will be recycled.  -Non-recyclable waste will be collected in leak-proof bins and disposed of via the Izmir Metropolitan Municipality's solid waste collection system. | Contractors |
| Noise level | -During the construction phase, the engine covers of generators, air compressors, and other mechanical equipment will be kept closed, and the equipment will be placed as far away as possible from residential areas.  -The noise generated during the construction phase will be limited to the time periods specified in the permits. Construction activities within or near residential areas will not be carried out during evening and nighttime hours, outside of the designated daytime working hours.  -Construction activities will be restricted to daytime hours as much as possible. In the case of activities taking place during evening or nighttime hours, the noise limits of 65 dBA for evening hours and 60 dBA for nighttime hours will be ensured. Additionally, the necessary approval from the Provincial Environmental Board will be obtained for evening and nighttime work.  -In case of increased noise levels during construction, measures such as not operating heavy machinery simultaneously or using newer model vehicles as much as possible will be taken.  -Residents living near the construction site will be informed throughout the construction period. | Contractors |
| Wastewater | -The wastewater generated during the construction activities will be integrated into the existing sewage system. | Contractors |
| Waste Oils | -Maintenance of machinery and equipment (e.g., oil change, battery replacement, etc.) will be carried out outside the Project Area by qualified service providers.  -If oil changes, battery changes, tire changes, etc. are unavoidable at the construction site, dedicated areas (with appropriate drainage) will be used for this purpose.  -An impermeable cover will be placed under the vehicles to prevent soil contamination, and this activity will be conducted away from water sources.  -In case of any oil/fuel/lubricant spillage or leakage at the construction site, pollution will be controlled using absorbent materials, and contaminated soil (if any) will be removed to a sufficient depth and stored as hazardous waste.  -All vehicles used in transportation will be equipped with absorbent material against any leakage or spillage. Workers will be instructed on the use and disposal of materials. Filters or materials saturated with petroleum products will be emptied into a suitable container to remove any free product before disposal.  -Waste oils will be temporarily stored, collected and disposed of in separate containers according to the categories specified in the Regulation on Control of Waste Oils. Waste oil will be collected in containers placed on an impermeable surface. Different containers will be used for different categories of waste oil. Waste oil temporary storage containers will be marked "Waste Oil".  -Waste vegetable oils will be temporarily collected in special containers. Waste oil will not be allowed to be discharged into receiving environments or toilets/sinks. | Contractors |
| Excavation, Construction and Demolition Waste | -Under no circumstances will excavation, construction, and demolition waste be disposed of on-site.  -Only the portion of cut trees and shrubs, such as small branches, leaves, etc., not collected by the relevant forestry authority will be left on site, as this material will contribute to increased growth of local flora through fertilization of the soil.  -Areas used for temporary storage of excavated waste will be reinstated as soon as the earthworks/construction activities in each relevant area are completed.  -Topsoil will be removed separately from the excavated material | Contractors |

**DUTIES AND RESPONSIBILITIES**

|  |  |
| --- | --- |
| Contractors | * Ensure that this plan is implemented in line with Project standards * Ensure, as its main responsibility, the implementation of the Plan (also by Subcontractors, if any) and report to the PMU on non-compliance and performance of the Plan implementation. * Participate in the development of corrective and/or remedial actions when necessary (e.g., when non-compliances are identified, when there is a change in the relevant legislation, etc.). * Provide relevant trainings. * Carry out internal audits and daily audits and record non-compliances identified. * Ensure that relevant non-compliances are recorded and responded to promptly. * Review and update the Plan when necessary (in coordination with PMU). |

# **ANNEX 6- COMMUNITY SAFETY AND TRAFFIC MANAGEMENT PLAN**

The purpose of this plan is to identify and define various measures to reduce accidents, injuries and similar adverse situations arising from possible traffic movements throughout The Sub-Project XXX belonging to XXX located at [Indicate Address], as well as to minimise traffic congestion and thus reduce fuel consumption and provide safe, fast and easy access for emergency vehicles

The Traffic Management Plan is part of the Project's Environmental and Social Management Plan. It addresses traffic management of pedestrians, vehicles and construction equipment. This plan aims to minimize the potential impacts that may arise from the addition of vehicle movements generated by Project activities to existing roads.

The following aspects are included in the scope of this plan:

- Legal requirements and standards,

- Key tasks and responsibilities,

- Mitigation Measures and Management Controls,

This plan may be updated and revised as necessary.

**Legal Framework**

**National Legislation**

- Transport Law No. 4925 and Road Transport Regulation (Official Gazette 19/7/2003 No. 25173). During transportation, tonnage, truck sizes and load limits will be followed according to the legislation and existing roads will be arranged in accordance with Turkish standards according to the anticipated traffic type and volume.

- Article 134 of the Road Traffic Law No. 2918 and Traffic Regulation,

- Regulation on the Transportation of Dangerous Goods by Road (24.10.2013 Official Gazette; No. 28801)

- Communiqué on Prevention of Pollution Caused by Motor Vehicle Exhaust Gases (22/10/1992 Official Gazette No. 21383),

**International Standards**

-IFC Performance Standard 4: Community Health, Safety and Security,

-AIIB ESS 1: Environmental and Social Assessment and Management

-IFC General EHS Guidelines: World Bank Group's Community Health and Safety and EHS Guidelines

According to -IFC PS 4; the role of Project activities in traffic, potential traffic load and road safety risks need to be identified, assessed and monitored. Implementation of the Plan should include prevention of traffic accidents to protect the lives of local residents and workers along transportation routes

**Roles and Responsibilities**

**Contractor’s Responsibilities**

- -It will be ensured that the activities are carried out in accordance with the Management Plan and relevant Procedures.

- Supervision will be provided and routine inspections will be carried out to ensure that relevant activities are in accordance with the Management Plan - Ensuring the necessary equipment and vehicles is in functioning.

- It will be ensured that the necessary equipment and tools are in working order.

- Construction personnel will be supported in planning and coordinating traffic management in a timely and efficient manner.

- It will be ensured that the Occupational Health and Safety requirements of all personnel are met.

- Daily material deliveries and vehicle access to the site will be managed.

- To avoid heavy traffic loads on frequently used roads, access will be provided only via designated routes, and delivery and access timing will be planned.

- Liaison with the construction team will be established in the planning, coordination and monitoring of traffic movements and the implementation of corrective actions will be ensured.

- Necessary reports will be prepared, accident reports and inspection reports will be recorded.

- It will be ensured that the tools and equipment used are in working order in accordance with the manufacturer's specifications.

For more detailed information about of the Community Safety and Traffic Management Plan, check Annex 6 of the İzmir Province ESMP.[[10]](#footnote-11)

**Mitigation Measures and Management Controls**

**Specific Requirements Particular to City**

| Project Phase | Potential Risk/Impact | Mitigation Measures | Responsibility |
| --- | --- | --- | --- |
| Reconstruction and Retrofit Phase | Managing the traffic and community safety impacts of the project | Announcement of time intervals during which heavy tonnage vehicles transport materials and equipment to the site, alternative route selection, etc. On these issues, action will be taken in cooperation with Izmir Metropolitan Municipality Transportation Coordination Center Transportation Coordination Center UKOME. | Contractor |

**Possible Sub-project Specific Requirements**

| Project Phase | Potential Risk/Impact | Mitigation Measures | Responsibility |
| --- | --- | --- | --- |
| Reconstruction and Retrofit Phase | Managing the traffic and community safety impacts of the project |  | Contractor |

# **ANNEX 7- CODE OF CONDUCT**

As the Contractor, [*insert the name of* *the Contractor*]; We have signed a contract with [*Employee's name will be inserted*] for [*job name and description to be entered*]. These works [*insert* *the names of the construction sites and other locations where the works will be done*] will also be carried out. The contract obliges us to take measures to address environmental and social risks associated with work, including the risks of sexual exploitation, abuse and gender-based discrimination.

This Code of Conduct (CoC) is part of the measures we take to fight against environmental and social risks associated with work. It applies to all our employees at the site or other places where work is executed. Besides; this contract also applies to the personnel of each subcontractor and other personnel who assist us in the execution of the works. All such personnel are called “Contractor's Personnel” and are subject to the CoC.

This CoC defines the obligated behavior of personnel identified above as "Contractor's Personnel".

Our working environment; There will be an environment where unsafe, abusive or violent behavior will not be tolerated, and where all individuals can comfortably express their problems or concerns without fear of retaliation.

**REQUIRED BEHAVIOR**

Contractor's Personnel:

1. Perform their duties adequately and selflessly;
2. Comply with this CoC and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of the Contractor's other personnel and any other person;
3. Organize a safe working environment within the scope listed below:
4. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and do not pose a health risk;
5. use of necessary personal protective equipment;
6. taking appropriate precautions regarding chemical, physical and biological substances and agents; and
7. following appropriate emergency operations procedures
8. Report working conditions that he/she believes are unsafe or unhealthy and to avoid a working condition that he/she believes poses a serious danger to his life or health;
9. Not to discriminate against specific groups such as women, people with disabilities, migrant workers or children and to treat other people with respect;
10. Against other personnel of the Contractor or the Employer; not engage in any form of sexual harassment, including undesirable sexual advances, sexual solicitations, or any other verbal or physical behavior of a sexual nature;
11. Not to attempt Sexual Exploitation (not engaging in any act or attempting to abuse vulnerable position, power difference or trust for sexual purposes; and not sexually abusing another, including, but not limited to, benefiting financially, socially or politically)
12. Not to attempt Rape. This concept means any physical or other forced (even mild) penetration with the penis or other body part into the vagina, anus, or mouth. In addition, penetration of the vagina or anus with an object is also included in this concept. Rape; includes marital rape, anal rape / anal intercourse. Attempting to those listed in this article is considered an attempted rape. Rape of a person by two or more perpetrators is called gang rape;
13. Not to attempt Sexual Assault. This concept; means any form of non-consensual sexual contact that does not result in or does not involve penetration. Examples include: attempted rape as well as engaging in sexual acts such as non-consensual kissing, caressing, or touching the genitals-thighs of individuals under the age of 18, except in a pre-existing marital situation;
14. Complete trainings on environmental and social aspects of the Contract, covering OHS issues along with Sexual Exploitation and Sexual Assault;
15. Report any violations of this CoC; and
16. Not be hostile towards any person reporting a violation of this CoC, us as the Contractor, or the Employer, or anyone using the [*Project Grievance Mechanism*].

**REPORTING OF THE CONCERNING SITUATION**

All personnel observing a behavior that they believe violates this CoC or concerns them in any other way, they should immediately report that issue. This can be accomplished through one of the following:

1. Contact [*insert the name of the Contractor's Social Specialist who will deal with gender-based discrimination, or, if such an employee is noncompulsory under the Contract, insert the name of another personnel designated by the Contractor*] via phone number [ ] or in written form [ ] or [ ] in person; or
2. To reach the Contractor's instant hotline (if applicable), call [ ] and leave a message.

The identity of the individual will be kept confidential unless reporting of allegations is required by the law of that country. Anonymous complaints or allegations will be given due and appropriate consideration. We take all reports of potential abuse seriously and will investigate appropriate action. We will provide service providers with quick directions that can help appropriately support the survivor of the alleged incident.

Hostility will not be taken against anyone who raises a good faith concern about behavior prohibited by this CoC. Such a hostile situation constitutes a violation of this CoC.

**CONSEQUENCES OF VIOLATION OF CODE OF CONDUCT**

Any violation of this Code of Conduct by Contractor Personnel may have serious consequences, including termination of job and possible referral to the legal authorities.

FOR CONTRACTOR PERSONNEL:

I have a written copy of this Code of Conduct in a language I understand. If I have any questions about this Code of Conduct, I understand that I can contact *[insert the name of the Contractor's gender-based discrimination contact],* requesting clarification*.*

Contractor Personnel name: *[Insert name]*

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: (month/day/year): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Countersignature of the authorized Contractor Representative:

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: (month/day/year): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# **ANNEX 8- WASTE MANAGEMENT PLAN**

The Waste Management Plan was developed to identify the primary applicable waste management requirements for the Project in accordance with relevant national legislation, the World Bank Environmental and Social Framework and relevant Environmental and Social Standards. The Plan will be implemented during retrofitting/demolition/reconstruction phases of this sub-project under Component 2.

Throughout life cycle of this sub-project, different types of waste and materials will be generated from different sources and activities. The purpose of this plan is to guide and ensure the collection, separation, storage, processing, transportation, and disposal of non-hazardous and hazardous wastes resulting from Project activities in a way that minimizes impacts on human health and the environment, including minimizing the loss of valuable reusable/recyclable materials.

The plan is in line with national legislation, Resource Efficiency, Pollution Prevention and Management ESS3 requirements and other applicable Good International Industry Practices. The Plan will be implemented systematically throughout the Project and sub-projects along with the relevant management plans, documents, and procedures.

* İzmir Province Environmental and Social Management Plan (ESMP),
* Labor Management Procedure (LMP),
* Community Safety and Traffic Management Plan,
* Stakeholder Engagement Plan (including grievance mechanism)

This Plan is a living document and responsibilities, procedures and compliance actions will be updated as appropriate.

For detailed information for Waste Management Plan’s related standards, legal requirements, relevant rules and provisions that the Contractor is responsible for implementing, check Annex 8 of İzmir Province Environmental and Social Management Plan.[[11]](#footnote-12)

**Roles and Responsibilities**

| Roles | Responsibilities |
| --- | --- |
| Contractors | * Ensure that this plan is implemented in line with Project standards * As its main responsibility, to ensure the implementation of the Plan (also by the Subcontractors, if any) and to report the non-compliances and implementation performance of the Plan to the PMU. * Participate in the development of corrective and/or remedial actions when necessary (for example, when non-compliances are detected or there is a change in relevant legislation, etc.). * Provide relevant training. * Performing internal and daily inspections and recording any detected non-compliances. * Ensuring that relevant non-compliances are recorded and promptly responded. * Review and update the Plan as needed (in coordination with the PMU). * Ensure that asbestos management considerations are added in the daily checklist, which will be included in the monthly report to the PMU. |
| All Personnel | * Participating in training required for asbestos management. * Provide self-competence for the implementation of this plan. |

**Waste Registration Form**

Date (Month/Year): Waste Registration Form No:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Date** | **Waste Type (Hazardous/Non-Hazardous)** | **Subtype** | **Waste Amount (ton/m3)** | **Transporter** | **Disposal** | **Disposal Method** |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |

# **ANNEX 9- ENVIRONMENTAL AND SOCIAL SCREENING**

**ENVIRONMENTAL AND SOCIAL SCREENING CHECKLIST**

|  |  |
| --- | --- |
| **PART-I** | |
| **Sub Project Type** | **Type III** |
| **Name of Subproject** |  |
| **Projected Start Date** |  |
| **Address** |  |
| **Prepared by** |  |
| **Preparation Date** |  |

| **PART-II: Environmental and Social Risks - Current Situation** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Environmental and Social Considerations** | **Projected Risk According to the Current Situation (provide as much detail as possible in the columns)** | | | | | | | | | | | | | | | | |
| **Risk Level** | **No Risk** | | **Low Risk** | **Moderate**  **Risk** | | | **Substantial Risk** | | | | | | | **High Risk** | | | |
| What is the level of the risk of the subproject to damage a known cultural heritage in terms of sub-project area’s proximity? |  | |  |  | | |  | | | | | | |  | | | |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the level of the risk of the subproject to pollute a water body in terms of sub-project area’s proximity? |  | |  |  | | | | |  | | | |  | | | | |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the risk regarding impacts related with dust generation in terms of the sensitivity level of the receptors? |  |  | |  | | | | | |  | | | | |  | | |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the risk level regarding impacts related with noise generation in terms of the sensitivity level of the receptors? |  | |  |  | | | | | | |  | | | | |  | |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the risk level regarding vulnerability status of the population of the building to be demolished/reconstructed/ retrofitted (the vulnerable group population of the building to be demolished can be assessed)? |  | |  | | |  | | | | | |  | | | | |  |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the risk level regarding livelihood impact for any worker working in the building (e.g., supers and other workers population)? (This section should be completed if there are personnel (eg. super) or commercial enterprises in the building, providing brief information about their status following the building’s risk assessment. If neither applies to the sub-project, please clearly indicate this.) |  | |  |  | | |  | | | | | | |  | | | |
| **Explanation:** | | | | | | | | | | | | | | | | |
| What is the risk of in-adequate waste management in terms of the waste management capacity of the region where the sub-project will be realized? |  | |  | |  | | |  | | | | | |  | | | |
| **Explanation:** | | | | | | | | | | | | | | | | |

| **PART-III: Environmental and Social Risks - Anticipated risks of sub-project activities** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Environmental and Social Considerations** | **Anticipated Risk (provide as much detail as possible in the columns)** | | | | | |
| **Risk Level** | **No Risk** | **Low**  **Risk** | | **Moderate**  **Risk** | **Substantial**  **Risk** | **High**  **Risk** |
| What is the risk of presence of asbestos material at the building to be demolished/retrofitted in terms of the building’s age? (As a pre visual observation assessment)? |  |  | |  |  |  |
| **Explanation:** | | | | | |
| What is the risk regarding impacts related with dust generation in terms of the volume of building to be demolished and/or reconstructed? |  | |  |  |  |  |
| **Explanation:** | | | | | |
| What is the level of risk of the subproject in terms of possible increase on the traffic load, given the duration (depending on the size of the work, e.g., the size of the new building) and intensity of the activities. |  | |  |  |  |  |
| **Explanation:** | | | | | |
| What is the risk regarding impacts related with construction & demolition waste generation of the sub-project (for instance, such criteria can be assessed: volume of the building to be demolished, nature of the activity to be performed (much less construction & demolition waste will be generated during retrofitting when compared to demolishing) etc.)? |  | |  |  |  |  |
| **Explanation:** | | | | | |
| What will be the extent of occupational exposure and other OHS risks of the subproject, other than asbestos (e.g., will there be work at height during retrofitting activities, or how much will the risk of working at height be when performing reconstruction activities, depending on the design of the new structure, etc.)? |  | |  |  |  |  |
| **Explanation**: | | | | | |
| What will be the level of the risk of the subproject within the scope of RF?  This section will be filled out by taking into consideration the following:   * Identification of vulnerable groups (if any) affected by the building to be transformed under the Project and determination of their entitlement (tenant/homeowner) status.   *This is an indicative piece of information. Please adjust it according to the information you have.*  Please provide details with about the potential vulnerable groups in the building with reference to their rights within the scope of the CDRC project. (i.e. additional interest deduction, rental support, etc.).  *Vulnerable groups: Female-headed households, elderly, persons with disabilities, poor households (including those with many children) and persons without social security insurance (including unemployed youth and households with child laborers), migrants / Syrians under temporary protection / Ethnic groups, persons and groups whose livelihoods depend on the structures covered by the Project and who will be permanently displaced economically and physically (e.g.supers)* |  |  | |  |  |  |
| **Explanation**:    Within the scope of the Climate and Disaster Resilient Cities Project, beneficiaries who have not previously benefited from rental assistance or interest support have been informed that they can apply for and benefit from rental assistance in accordance with Article 16 of the Implementing Regulation of Law No. 6306 and the conditions specified in the Rental Assistance Guide, even if the one-year application period has passed.  Accordingly, the project will ensure that all eligible PAPs (homeowners, renters, business owners, etc.) receive compensation in accordance with the Project’s RF. | | | | | |
| Other environmental and social risks (if any, please identify nature and level) |  |  | |  |  |  |
| **Explanation:** | | | | | |

| **PART-IV: Environmental and Social Risks - Current Status (For Type-III subprojects only)** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Environmental and Social Considerations** | **Risk According to Predicted / Observed Conditions** | | | | |
| **Risk Level** | **No Risk** | **Low**  **Risk** | **Moderate**  **Risk** | **Substantial**  **Risk** | **High**  **Risk** |
| What is the risk in terms of presence of unmanageable amount of demolition waste, if they are still present at the site or areas close to the site, if any? |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk of future grievance regarding dust generation, due to evidence of such grievance during demolition? (Was there a significant complaint(s) about dust during the demolition?) |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk of future grievance regarding noise generation, due to evidence of such grievance during demolition? (Was there a complaint about noise during the demolition?) |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk of meeting with nuisance with neighbors due to a damage to other buildings during the demolition process? |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk of future issues due to lack of demolition plan during the demolition or insufficiency of it in terms of quality? |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk in terms of asbestos presence at the demolition site as a pre visual observation assessment) |  |  |  |  |  |
| **Explanation:** | | | | |
| What is the risk in terms of legal / reputational / public discomfort due to any fatal accident or accident caused disability during the demolition process? |  |  |  |  |  |
| **Explanation:** | | | | |
| As a preliminary observation, are there any property owners who will benefit from the additional interest rate discount specified in the sub-project?  (This is an indicative piece of information. Please adjust it according to the information you have.  ﻿  *(Within the scope of the Project, four categories determined by the Presidency for annual interest rate reduction on loans are presented below):*  ***Category I:*** *Citizens who do not own any other independent unit registered in the land registry besides the risky building in which they reside, and are homeowners residing in the same property with their household.*  ***Category II****: Households with low and middle income (59.272 TL and below).*  ***Category III****: Families of martyrs, veterans, war and duty disabled individuals, widows and orphans, retirees, citizens with at least 40% disability, and households where the main income earner is a woman or where there is a high level of social vulnerability.*  ***Category IV:*** *For projects where an A or B type social vulnerability ID card is presented, an annual interest rate reduction of 0.50 or 0.25, respectively, is applied.*  (For additional interest rate reduction categories, please visit the link below:  <https://kentseldirenclilik.csb.gov.tr/proje-kapsaminda-verilecek-kredilerin-yillik-faiz-oranina-baskanligimizca-belirlenmis-olan-4-kategoriden-her-bir-kategori-icin-yillik-bazda-faiz-indirimi-uygulanacaktir-haber-286788>) |  |  |  |  |  |
| **Explanation:** | | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PART-V: Screening Summary** | | | | | | | | | | |
| **Designated Category** | **Environmental** | | | | | **Social** | | | | |
| High\* | Substantial\* | Moderate\* | | Low\* | High\* | Substantial\* | | Moderate\* | Low\* |
|  |  |  | |  |  |  | |  |  |
| **Reasons for Determining the Category and Related Details** |  | | | | |  | | | | |
| **Required Tools** | Neighborhood Level ESIA\*\* | | | ESMP Checklist\*\*\* | | | | E&S Audit / Environmental and Social Action Plan\*\*\*\* | | |
|  | | | REQUIRED. | | | |  | | |

\* Note to User: If one or more of the questions asked in the screening list on environmental issues are answered as "high risk", the relevant sub-project will be identified as "high risk" in environmental terms.

\*\* Note to User: Neighborhood level / based ESIAs will not be sub-project specific. In case more than 10 sub-projects with a social risk classification of "high" and environmental risk classification of "substantial" are implemented in the same neighborhood within a one-month period, this box will be filled in the screening checklist of each sub-project and sent to the PMU head office for their review.

\*\*\* Note to User: It will in all probability be required for each proposed sub-project, however, its scope will be determined based on the assessments in this screening list.

\*\*\*\* Note to User: E&S Audit will be required for each Type-III subproject. The requirement for an Environmental and Social Action Plan will be determined based on the results of the audit but is highly likely to be required. The ESAP will include relevant environmental and social corrective measures based on the findings of the E&S Audit.

**The signatories of this Environmental and Social Management Plan Checklist for the sub-project entitled “Reconstruction within the Scope of Climate and Disaster Resilient Cities: ”………………………………….. Project” hereby declare, accept, and undertake that all environmental, social, and other matters detailed in this checklist are of a binding commitment nature. They further acknowledge that any violation of the provisions outlined in this checklist or any breach of commitments will subject them to all sanctions specified in the checklist, including work suspension measures under Environmental Law No. 2872 and all relevant legislation, as well as all sanctions stipulated in the World Bank Environmental and Social Standards.**

Contractor Name-Surname Site Manager Name-Surname

Signature Signature

1. *To access İzmir ESMP: https://webdosya.csb.gov.tr/db/kentseldirenclilik/icerikler/izm-r-prov-nce-env-ronmental-and-soc-al-management-plan-draft-20241023130937.docx* [↑](#footnote-ref-2)
2. *The following list should be customized by the contractor, taking into account the characteristics and conditions of the subproject and the subproject site.* [↑](#footnote-ref-3)
3. <https://www.mevzuat.gov.tr/mevzuatmetin/1.5.6331.pdf> [↑](#footnote-ref-4)
4. <https://documents1.worldbank.org/curated/en/157871484635724258/pdf/112110-WP-Final-General-EHS-Guidelines.pdf> [↑](#footnote-ref-5)
5. *To access İzmir ESMP: https://webdosya.csb.gov.tr/db/kentseldirenclilik/icerikler/izm-r-prov-nce-env-ronmental-and-soc-al-management-plan-draft-20241023130937.docx* [↑](#footnote-ref-6)
6. Online based system of the Ministry of Environment, Urbanization and Climate Change, <http://online.cevre.gov.tr> [↑](#footnote-ref-7)
7. The template is provided in Annex 9A of the Regulation on the Control of the Dangerous Wastes that was abolished on 02.04.2016. [↑](#footnote-ref-8)
8. <https://kentseldirenclilik.csb.gov.tr/turkce-dokumanlar-i-108260> [↑](#footnote-ref-9)
9. *To access İzmir ESMP:* [*https://webdosya.csb.gov.tr/db/kentseldirenclilik/icerikler/izm-r-prov-nce-env-ronmental-and-soc-al-management-plan-draft-20241023130937.docx*](https://webdosya.csb.gov.tr/db/kentseldirenclilik/icerikler/izm-r-prov-nce-env-ronmental-and-soc-al-management-plan-draft-20241023130937.docx) [↑](#footnote-ref-10)
10. <https://kentseldirenclilik.csb.gov.tr/ingilizce-dokumanlar-i-108261> [↑](#footnote-ref-11)
11. <https://kentseldirenclilik.csb.gov.tr/ingilizce-dokumanlar-i-108261> [↑](#footnote-ref-12)