



**Arab Republic of Egypt
Ministry of Environment**

**Greater Cairo Air Pollution Management and Climate
Change Project (P172548)**

AND

**Improved Management of E-Waste and Healthcare Waste
for Reduction of uPOPs Emissions Project (P176688)**

**Negotiated
ENVIRONMENTAL AND SOCIAL
COMMITMENT PLAN (ESCP)**

December 7, 2022

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Arab Republic of Egypt (the Borrower/Recipient) is implementing the Greater Cairo Air Pollution Management and Climate Change Project (P172548, or parent project) and the Improved Management of E-Waste and Healthcare Waste for Reduction of uPOPs Emissions Project (P176688, or the additional financing) (both, the Project), through the Ministry of Environment, as set out in the Loan Agreement and the Grant Agreement. The International Bank for Reconstruction and Development (the Bank), on its behalf and acting as the administrator of the Global Environment Facility (GEF), has agreed to provide the original financing (P172548) and additional financing (P176688) for the Project, as set out in the referred agreements. This ESCP supersedes previous versions of the ESCP for the Project and shall apply both to the original and the additional financing for the Project referred to above.
2. The Borrower through the Ministry of Environment shall ensure that the Project is carried out in accordance with the Environmental and Social Standards (ESSs) and this Environmental and Social Commitment Plan (ESCP), in a manner acceptable to the Bank. The ESCP is a part of the Loan Agreement and the Grant Agreement. Unless otherwise defined in this ESCP, capitalized terms used in this ESCP have the meanings ascribed to them in the referred agreements.
3. Without limitation to the foregoing, this ESCP sets out material measures and actions that the Borrower shall carry out or cause to be carried out, including, as applicable, the timeframes of the actions and measures, institutional, staffing, training, monitoring and reporting arrangements, and grievance management. The ESCP also sets out the environmental and social (E&S) instruments that shall be adopted and implemented under the Project, all of which shall be subject to prior consultation and disclosure, consistent with the ESS, and in form and substance, and in a manner acceptable to the Bank. Once adopted, said E&S instruments may be revised from time to time with prior written agreement by the Bank.
4. As agreed by the Bank and the Borrower, this ESCP will be revised from time to time if necessary, during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to Project performance. In such circumstances, the Borrower, through the Ministry of Environment and the Bank, agrees to update the ESCP to reflect these changes through an exchange of letters signed between the Bank and the Borrower. The Borrower shall promptly disclose the updated ESCP.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the ESCP, status of preparation and implementation of E&S instruments required under the ESCP, stakeholder engagement activities, functioning of the grievance mechanism(s), compliance to ESSs during implementation of project activities, project-related accidents and implementation plans for the project activities in the subsequent quarter.</p>	<p>Submit quarterly reports to the Bank throughout Project implementation, commencing after the Effective Date. Submit each report to the Bank no later than 30 days after the end of each reporting period.</p>	MOE
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the Bank of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, including, inter alia, cases of gender-based violence (GBV), and accidents that result in death, serious or multiple injury [specify other examples of incidents and accidents, as appropriate for the type of operation]. Provide sufficient detail regarding the scope, severity, and possible causes of the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and/or supervising firm, as appropriate.</p> <p>Subsequently, at the Bank’s request, prepare a report on the incident or accident and propose any measures to address it and prevent its recurrence.</p>	<p>Notify the Bank no later than 48 hours after learning of the incident or accident.</p> <p>Provide subsequent report to the Bank within a timeframe acceptable to the Bank</p>	MOE
C	<p>CONTRACTORS’ MONTHLY REPORTS</p> <p>Require contractors and supervising firms to provide monthly monitoring reports on ESHS performance in accordance with the metrics specified in the respective bidding documents and contracts, and submit such reports to the Bank.</p>	<p>Submit the monthly reports to the Bank upon request.</p>	MOE
D	<p>NOTIFICATIONS RELATING TO DAAB COMPLIANCE REVIEW OF CONTRACTOR COMPLIANCE WITH GBV PREVENTION AND RESPONSE OBLIGATIONS</p> <p>Notify the Bank of any referral submitted to the Dispute Avoidance and Adjudication Board (DAAB) to initiate a process of compliance review in relation to a contractor’s obligations to prevent and respond to gender-based violence (GBV) specified in the respective works contract with such contractor; and, in the event of any such referral, notify the Bank of: (i) the DAAB’s decision on such referral; (ii) the contractor’s Notice of Dissatisfaction, if any, with such DAAB decision; (iii) any notification received on the</p>	<p>No later than 7 days after the issuance or receipt, as applicable, of the relevant document (i.e., referral to the DAAB, issuance of DAAB decision, Notice of Dissatisfaction, notice of commencement of emergency/full arbitration, emergency/full arbitration order, as applicable).</p>	MOE

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	commencement of an emergency arbitration proceeding or full arbitration proceeding in relation to the DAAB's decision; and (iv) the resulting emergency arbitration order and/or full arbitration order, if any.		
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			
1.1	<p>ORGANIZATIONAL STRUCTURE</p> <p>Establish and maintain a Project Coordination Unit (PCU) with qualified staff and resources to support management of ESHS risks and impacts of the Project. Competencies of the assigned staff should cover Environmental, Community, Occupational Health & Safety, Social development, Gender, Communication and Public Awareness aspects. The Technical Implementation Units (TIUs) shall also assign qualified personnel to cover the above-mentioned competencies. The PCU and TIUs will contract qualified consultants/consulting firms, as needed, to support in the preparation, implementation, monitoring and supervision of the project studies and activities throughout the project life cycle. ToRs for all positions and CVs of candidate personnel to be hired by the PCU /TIUs shall be sent to the Bank for no-objection.</p>	<p>Establish and maintain a PCU as set out in the loan agreement and the grant agreement.</p> <p>Hire or appoint the Environmental, Health & Safety, Social development, Gender, Communication and Public Awareness assigned staff after project effectiveness, and thereafter maintain these positions throughout Project implementation.</p>	MOE
1.2	<p>ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>1. The outcomes and recommendations of the following studies will be implemented, after Bank clearance and disclosure.</p> <p>1.1. Environmental and Social Management Framework (ESMF) for Cairo Air Pollution and Climate change project which is covering the scope of the entire project.</p> <p>1.2. Preliminary Environmental and Social Impact Assessment (ESIA) for Qalyoubia Sanitary Landfill and Shared Construction & Demolition (C&D) Treatment Facility (Qalyoubia and Cairo Governorates).</p> <p>2. The following studies will be prepared and adopted according to the Bank's Environmental and Social Framework (ESF) and national laws. Outcomes and recommendations of the studies, after Bank clearance, will be implemented. E&S documents will be disclosed locally and by the Bank.</p>	<p>1. 1.1 and 1.2 Throughout the project implementation.</p> <p>2. (From 2.1 to 2.11) Before issuing bidding documents, commencement of any civil works or procurement activities. The outcomes of the cleared studies will be implemented throughout the project taking into consideration the timeline of each</p>	MOE

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY
<p>For the Integrated Waste Management Facility in 10th of Ramadan (IWMF-10R):</p> <p>2.1. Cumulative Impact Assessment (CIA), including Traffic Impact Assessment (TIA) for all the components of the IWMF-10R that are financed by component 2 or Government fund, taking into consideration future expansions.</p> <p>2.2. Comprehensive ESIA (including TIA and Pest Management Plan (PMP) for construction and operation of the first cell of Qalyoubia Sanitary Landfill.</p> <p>2.3. A Baseline Site Assessment study and an ESIA for the construction and operation of the shared medical waste treatment and disposal facility for Cairo and Qalyoubia governorates.</p> <p>2.4. Site specific ESIA studies for all IWMF-10R components that will be financed by the government fund and developed by the private sector including all Municipal Solid Waste (MSW) treatment facilities, Cairo governorate Sanitary landfill, and any other facilities planed within the boundaries of IWMF-10R).</p> <p>For the Hazardous waste Treatment and disposal Facility:</p> <p>2.5. A Baseline Site Assessment study and an ESIA for the construction and operation of the Hazardous waste treatment and final disposal facility including a TIA.</p> <p>2.6. A Baseline Site Assessment study and an ESIA for the construction and operation of the Transfer Stations.</p> <p>For Closing and Rehabilitation/Containment of Dumpsite(s):</p> <p>2.7. An ESIA for the closure plan of the dumpsite(s) noting that closure will start after the new controlled landfill site of the 10th of Ramadan is constructed and operational.</p> <p>For subcomponent 2.2 on response to COVID-19 pandemic and subcomponent 6.2 concerning medical wastes possibly containing Unintentional Persistent Organic</p>	<p>sub-activity as follows:</p> <p>2.1 Before commencement of any civil works or procurement activities.</p> <p>2.2 Before commencement of any civil works.</p> <p>2.3, 2.5 and 2.6 ESIA studies to be carried out, cleared by the Bank, disclosed prior to commencement of any civil works.</p> <p>2.4 Before commencement of civil works.</p> <p>2.7 ESIA's to be completed before commencement of any civil works.</p> <p>2.8 IPC & WMP to be prepared and Bank-cleared for each hospital as part of the procurement process and thereafter maintained throughout the carrying out</p>	

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY
<p>Pollutants (UPOPs): 2.8 Site-specific Infection Prevention and Control and Waste Management Plan (IPC&WMP) need be prepared for each hospital according to the planned intervention to ensure that community health and safety risks are prevented at source.</p> <p>For e-buses procurement and developing the demonstration project infrastructure: 2.9 An ESMP for the outcomes of the detailed design study which will select the bus routes, determine the type of battery and the needed infrastructure (i.e charging stations location and capacity) and design the retrofit needed in the selected bus depots.</p> <p>3. For Subcomponent 6.1, prepare, adopt, and implement: Waste Management Plan in accordance with ESS3 and World Bank Group (WBG) Environmental Health and Safety (EHS) Industry Sector Guidelines and Good International Industry Practices (GIIP).</p> <p>4. All E&S documents and/or plans will be submitted for the Bank’s review and clearance. Once cleared, the mitigation and monitoring measures contained in the E&S documents and/or plans will be part of the bidding process and contractual agreements.</p>	<p>of such activities.</p> <p>2.9 ESMPs to be prepared together with the technical and commercial feasibility studies.</p> <p>3. In parallel with carrying out, as an integral part of the TA.</p> <p>4. Prior to commencement of the relevant activities and thereafter maintained throughout the implementation of activities</p>	
<p>1.3 MANAGEMENT OF CONTRACTORS Incorporate the relevant aspects of the ESCP, including, the relevant E&S documents and/or plans, and the Labor Management Procedures, and Stakeholder Engagement Plan (SEP) into the Environmental, Social, Health and Safety (ESHS) specifications of the procurement and contract documents with contractors. Thereafter ensure that the contractors comply with the ESHS specifications of their respective contracts.</p>	<p>As part of the bidding process. Supervise contractors throughout Project implementation.</p>	<p>MOE</p>
<p>1.4 TECHNICAL ASSISTANCE Ensure that the consultancies, studies (including feasibility studies), capacity building, training, and any other technical assistance activities under the Project, including, inter alia, ESIA’s, ESMPs, CIA’s, Waste Management Plans (for domestic, hazardous, medical and electronic wastes) are carried out in accordance with terms of reference acceptable to the</p>	<p>Throughout Project implementation.</p>	<p>MOE</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	World Bank, that are consistent with the relevant ESSs. Thereafter ensure that the outputs of such activities comply with the terms of reference.		
1.6	<p>ASSOCIATED FACILITIES</p> <p>For any identified Associated Facility or activity, as per the ESF definition, ensure that the activities in the identified Associated Facility are carried out in accordance with the applicable requirements of this ESCP and the relevant ESSs including, inter alia, preparation and adoption of relevant environmental and social instruments, e.g., the environmental and social impact assessment (ESIA), environmental and social management plan (ESMP), labor management procedures (LMP), management of contractors, resettlement plan (RP), stakeholder engagement plan (SEP), etc.</p>	Prior to commencement of the relevant activities of the Associated Facilities.	MOE
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	<p>LABOR MANAGEMENT PROCEDURES</p> <p>Adopt and implement the Labor Management Procedures (LMP) for the Project, including, inter alia, provisions on working conditions, management of workers relationships, occupational health and safety (including personal protective equipment, and emergency preparedness and response), code of conduct (including relating to GBV), forced labor, child labor, grievance arrangements for Project workers, and applicable requirements for contractors, subcontractors, and supervising firms. Occupational Health and Safety (OHS) plans are to be prepared in accordance with the World Bank Group Environmental, Health and Safety General Guidelines and Industry Sector Guidelines as appropriate.</p>	LMPs are to be prepared prior to commencement of relevant project activities, and thereafter implement the LMP throughout project implementation.	MOE
2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS</p> <p>Establish and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2.</p>	Establish grievance mechanism prior engaging Project workers and thereafter maintain and operate it throughout Project implementation.	MOE
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT			
3.1	<p>WASTE MANAGEMENT PLAN</p> <p>Adopt and implement a Waste Management Plans to manage hazardous and non-hazardous wastes, consistent with ESS3 as part of the identified instruments or standalone documents in accordance with Section 1.2 above for each subcomponent.</p>	As per Section (1.2 Environmental and Social Assessment) above.	MOE
3.2	<p>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</p> <p>Resource efficiency, pollution prevention and management measures include the Preparation, adoption and implementation of the following instruments which will be</p>	1-Preparation and disclosure of the PMP shall be completed before issuing bidding documents and	MOE

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	<p>complimentary to the different ESIA's and ESMPs, or as standalone documents, as specified under actions 1.2 above.</p> <ol style="list-style-type: none"> 1- Pest Management Plan (PMP) for all components of the IWMF-10R that are financed by component 2 or Government fund 2- Pest Management Plan (PMP) For the Hazardous waste Treatment and disposal Facility 3- Electronic/Electric waste (E-Waste) management plan for the safe handling, treatment, and recycling/reuse 4- Infection Prevention and Control and Waste Management Plan (IPC&WMP) according to the WBG EHS Guidelines, and other relevant Good International Industry Practice (GIIP) including relevant WHO guidelines on COVID-19 and Health Care Wastes, in a manner acceptable to the Bank. 	<p>procurement activities. Implementation to be continuous during throughout Project implementation</p> <p>2-Preparation will be before issuing bidding documents and commencement of any civil works. Implementation to be continuous during construction activities throughout Project implementation</p> <p>3-Preparation, review and clearance by the Bank and subsequent disclosure shall be before launching the procurement process for the e-buses. Implementation will be throughout Project implementation.</p> <p>4-IPC & WMP to be prepared, reviewed and cleared by the Bank for the participating hospitals as part of the procurement process and thereafter maintained throughout the carrying out of such activities.</p>	
ESS 4: COMMUNITY HEALTH AND SAFETY			
4.1	<p>TRAFFIC AND ROAD SAFETY</p> <p>Adopt and implement measures and actions to assess and manage traffic and road safety risks as required in the ESMP to be developed under section 1.2 (environmental and social assessment) above.</p> <p>Prepare, adopt and implement, a Road Safety Plan for the e-buses to be procured by the project.</p>	<p>Preparation will be before launching the procurement process for the e-buses. Implementation will be throughout Project implementation.</p>	MOE
4.2	<p>COMMUNITY HEALTH AND SAFETY</p> <p>Adopt, and implement measures and actions to assess and manage specific risks and impacts to the community arising from Project activities, including, behavior of Project workers, risks of labor influx, risk related to GBV, response to emergency situations, road safety, construction-related risks, community health risks related to locations of transfer stations, and include mitigation measures in the ESMPs to be prepared in accordance with the ESMF under action 1.2 above.</p>	<p>Same timeframe as for the adoption and implementation of the ESMPs.</p> <p>Throughout Project implementation.</p>	MOE

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	<p>Examples of potential measures to be prepared are GBV action plan, Emergency Response Plan, plan for the use of security personnel. The exact type of plans to be developed will be clear at the ESMP preparation stage.</p> <p>Adopt and enforce codes of conduct that should be provided to and signed by all workers, detailing measures to address environmental, social health and safety risks, and the risks of gender based violence and other kinds of violence, including against children, all as applicable to such civil works commissioned or carried out pursuant to said contracts.</p>		
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT			
5.1	<p>RESETTLEMENT FRAMEWORK Adopt and implement a Resettlement Framework (RF) for the Project, consistent with ESS5.</p>	The RF was cleared and disclosed on May 29, 2020. The RF shall be maintained throughout Project implementation.	MOE
5.2	<p>RESETTLEMENT PLANS Prepare resettlement plans, livelihood restoration plans according to the already prepared RF for all project-related components and/or specific ESIA requirements. As applicable, Resettlement Plans (RPs) and/or livelihoods restoration plans will be approved by the Bank, disclosed and compensation will be paid before the commencement of any construction works. Examples of the RP to be prepared could be plans for the infrastructure components (such as transfer stations). Examples of the livelihoods restoration plan to be prepared will be the plans related to the closure of the dumpsites to support the waste pickers operating in those locations.</p>	RPs to be prepared, reviewed by the Bank and disclosed prior to commencement of construction of any related infrastructure. Adopt and implement the respective RP, including ensuring that before taking possession of the land and related assets, full compensation has been provided and as applicable, displaced people have been resettled and moving allowances have been provided.	MOE
ESS 8: CULTURAL HERITAGE			
8.2	<p>CHANCE FINDS Prepare, adopt, and implement the chance finds procedure are to be developed as integral part of the different ESIA's and ESMPs to be prepared under section 1.2 (environmental and social assessment) above for the different project components and included in contractor's contracts.</p>	Chance finds procedures to be developed as integral part of the ESMPs/ESIA's under 1.2 (environmental and social assessment) above. Implementation of procedures during construction/civil works.	MOE
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1	<p>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION Adopt and implement a Stakeholder Engagement Plan (SEP) for the Project, consistent with ESS10, which shall include measures to, inter alia, provide stakeholders with timely, relevant, understandable and accessible information, and consult with them in a</p>	The SEP was disclosed on July 30, 2022, and thereafter implement the SEP throughout Project implementation.	MOE

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY
	culturally appropriate manner, which is free of manipulation, interference, coercion, discrimination and intimidation.		
10.2	<p>PROJECT GRIEVANCE MECHANISM</p> <p>Establish, publicize, maintain, and operate an accessible grievance mechanism, to receive and facilitate resolution of concerns and grievances in relation to the Project, promptly and effectively, in a transparent manner that is culturally appropriate and readily accessible to all Project-affected parties, at no cost and without retribution, including concerns and grievances filed anonymously, in a manner consistent with ESS10.</p> <p>The grievance mechanism shall be equipped to receive, register, and facilitate the resolution of GBV complaints, including through the referral of survivors to relevant gender-based violence service providers, all in a safe, confidential, and survivor-centered manner.</p>	<p>Adopt, maintain and operate the mechanism throughout Project implementation.</p> <p>Ensure the grievance mechanism is disseminated in project locations prior to the commencement of any civil works.</p>	MOE
CAPACITY SUPPORT			
CS1	<p>TRAINING AND CAPACITY BUILDING:</p> <p>Capacity Needs Assessment (CNA) is to be developed to assess the different capacity development requirements for the different project implementation staff according to their job functions. CNA to include clear timeline for conducting the required training sessions. Training sessions for different targeted groups may include, but not limited to, the following:</p> <p>Entire Project</p> <ul style="list-style-type: none"> • ESMF overview, SEP, GM, LMP [PCU and TIUs] • ESIA/ESMP, RF and RPs for all activities under different components [TIUs and Operators] • Workplace grievance mechanism, including roles, responsibilities and accountabilities, including who to contact with any questions or concerns [PCU and TIUs] <p>Component 2</p> <ul style="list-style-type: none"> • Overview of ESIA/ESMPs and other Environmental and Social Assessment (ESA)-related studies [PCU and TIUs] • Monitoring and supervision of implementation of ESA outcomes in compliance with 	<p>CNA to be developed during the first three months starting from the formulation of the PCU and TIUs while ensuring the necessary EHS specialists are assigned.</p> <p>Training sessions to be conducted according to the CNA.</p> <p>During the induction sessions and regularly after that throughout Project implementation.</p>	MOE

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY
<p>relevant ESSs [PCU, TIUs]</p> <ul style="list-style-type: none"> • Developing of bidding document (collection, transportation, and disposal) accounting for relevant ESSs [PCU] • Monitoring of EHS compliance, GBV, Code of conduct, Labor management plan, Special risk and hazard management/ERP and compliance with relevant ESSs [PCU, TIUs] <p>Component 3</p> <ul style="list-style-type: none"> • Procurement of e-buses (tendering, proposal evaluation, contract drafting to ensure compliance with ESSs) [PCU, Component 3 TIU] • Monitoring of EHS compliance, GBV, Code of conduct, Labor management plan, Special risk and hazard management/ERP and compliance with relevant ESSs [PCU, Component 3 TIU] • New technologies operation and maintenance including EHS of handling chargers and e-buses and e-waste management- and compliance with relevant ESSs [PCU, Component 3 TIU] • Road safety for e-Bus drivers [PCU, Component 3 TIU] 		
<p>CS2 TRAINING ON OCCUPATIONAL HEALTH AND SAFETY: Provide training to all workers on general (and specific) OHS during induction and on regular basis to ensure all workers are well capacitated with the project’s OHS requirements. The PCU Health and Safety Officers will provide training to Direct Workers, while training will be provided to Contracted and Primary Supply Workers through Third Parties. Training will include but not limited to: trenching, work at heights; electrical and vehicular safety; handling of hazardous materials, use of Personal Protective Equipment (PPE), hazard avoidance and reduction measures, use of first aid and rescue techniques, emergency prevention and preparedness and response arrangements to emergency situations, and firefighting</p> <p>Commit to address any capacity gaps and training needs identified by the Bank’s due diligence and to design and provide necessary training to close the gaps and address training needs.</p>	<p>During the induction sessions and regularly after that throughout Project implementation mainly in relation to civil works.</p>	<p>MOE</p>