



**UNOPS –LEBANON**

**Environmental & Social Management Plan**

**SIMA Project- Sustainable Integrated Municipal Actions**

Rehabilitation of Mufti Hassan Khaled Garden

**12 December 2024**

**Table of Content**

[**1. Terms & Definitions 3**](#_heading=h.lx6gkzqybsxw)

[**2. Executive Summary 4**](#_heading=h.bhrzljsgght4)

[**3. Introduction 9**](#_heading=h.18gotcu23mnn)

[**4. Environmental & Socio Economic Baseline 10**](#_heading=h.7zi0dgblqoss)

[**5. Legal and Institutional Framework 13**](#_heading=h.orp6mhqqem92)

[**6. Environmental and social impacts and mitigation measures 15**](#_heading=h.24orttf672sw)

[**7. Environment & Social management 28**](#_heading=h.xpmf3yfcmc9k)

[**8. Capacity development and training 31**](#_heading=h.q4lpaqva0s94)

[**9. Environmental and social monitoring plan 33**](#_heading=h.q1g0gbl4t5f8)

[**10. Conclusion 33**](#_heading=h.5pylvctu6q8x)

[**11. Revisions of the Plan 33**](#_heading=h.h9qlw63zcijw)

[**12. Annexes 33**](#_heading=h.jo28syulexaf)

# Terms & Definitions

| Abbreviation | Meaning |
| --- | --- |
| ESF | Environment and Social Framework |
| ESMF | Environmental and Social Management Framework |
| ESMP | Environmental and Social Management Plan |
| ESS | Environment and Social Standards |
| ESSO | Environment and Social Standards Officer |
| GBV | Gender-Based Violence |
| GRM | Grievance Redress Mechanism |
| HSSE | Health, Safety, Social and Environmental |
| LMP | Labor Management Plan |
| OUP | One UNOPS Project System |
| OUC | One UNOPS Collect System |
| M&E | Monitoring and Evaluation |
| ILO | international Labor Organization |
| KfW | Kreditanstalt für Wiederaufbau |
| MoB | Municipality of Beirut |
| PM | Project Manager |
| SEA | Sexual Exploitation and Abuse |
| SEP | Stakeholder Engagement Plan |
| SH | Sexual Harassment |
| SIMA | Sustainable Integrated Municipal Actions |
| UNOPS | United Nations Office for Project Services |

# **Executive Summary**

***Overview***

UNOPS is undertaking the implementation of SIMA project that aims at improving and restoring access to critical municipal services, increasing resilience of the local community and the resilience of the Beirut and Bourj Hammoud municipalities affected by the Beirut port explosion, especially considering the multiple crises facing the country. The project has three interlinked components: the rehabilitation of public infrastructure; capacity building; and the provision of grants to NGOs. All activities are guided by thorough consultations and extensive community engagement activities.

An Environment and Social Management Framework (ESMF) was prepared to describe how UNOPS will manage environmental and social issues in Sustainable Integrated Municipal Actions Project “SIMA” , in line with UNOPS policies, KfW guidelines and the World Bank’s Environment and Social Framework (ESF).

As part of the SIMA project, UNOPS will rehabilitate the Mufti Khaled Garden. This ESMP, in accordance with the project ESMF, assesses the environmental and social risks emerging from this intervention and proposes mitigation measures. The ESMP further recognises the responsibility of implementing all the mitigation measures and offers a monitoring mechanism for their implementation.

***Project description***

Mufti Hasan Khaled Garden, located in Verdun, Beirut, Lebanon, holds a significant place as both a public green space and a tribute to a key figure in Lebanese history. The garden was created as a tribute to Mufti Hasan Khaled's enduring legacy, symbolizes the importance of preserving spaces for reflection, community, and remembrance amidst urban development. In 2019, the Municipal Council of Beirut decided to appropriate the space of the Hassan Khaled Garden and redesign it to incorporate a four-story parking underground, with a newly landscaped garden on top. The contractor was awarded the project and works commenced in June 2019, however, due to the economic crisis, work was stopped in October 2019 leaving the garden in an unoperational and inaccessible state.

Mufti Hassan Khaled Garden project is dedicated to fostering interactions both among diverse and within individual communities, while effectively utilizing the limited space available to meet the diverse needs of the public. The primary objective of this project is to establish a shared public space that is not only accessible but also inclusive, free and secure for everyone.

***Environmental and social baseline***

This section provides the environmental and social profile of the project area. The Hassan Khaled Garden is a neighborhood garden built in the 1960s. The Garden is located between Al Rashidine Street from one side and a residential area from the other side, between TeleLiban Station and Aisha Bakkar mosque. It has a rectangular shape of around 6,800 m2 surrounded by four streets, and developed on three levels one of which overlooks the main Al Rashidine Street.

The Hassan Khaled Garden intervention aims to foster interactions among different communities and within the same community by establishing a shared public space that is accessible, free, and secure for all. The collective social impact of these endeavors will contribute to improving the daily lives of residents, as activities will alleviate tensions and create a common space for diverse communities to coexist and preserve shared interests.

***Potential Environmental and Social Risks and Impacts and Mitigation Measures***

| **Activity / situation** | **Potential Hazards/Risks for each task** | **Mitigation Measures** |
| --- | --- | --- |
| Labor Management | Bad Working conditions, Child Labour, forced labor, discrimination. | The contractor(s) will be required to show proof of worker’s age and have contracts in place for all workers, in line with the project ESMP, with strict labor standards covering Occupational health and Safety, discrimination, equal opportunities, labor rights, codes of conduct and entitlements. |
| Working with communities | Gender-Based Violence/Sexual Harassment/ Sexual Exploitation and Abuse | The contractor(s) will sign the UNOPS Code of Conduct for appropriate behaviour when working with communities, including women and children especially in meetings and events.  SEA risk assessment and management will be done throughout the project lifespan:  At the project engagement level, A project S&E Screening was conducted to identify potential risks and to outline the upcoming actions.  At the tendering phase, the bidders must fill the SEA Self Assessment. After appraisal,UNOPS will coordinate with the the contractor(s) to ensure adequate monitoring and controlling  Community Engagement teams will conduct awareness raising activities. |
| Stakeholder Engagement | Dissatisfaction of stakeholders of the project | The selection of the project was based on an assessment that led to the identification of the community’s needs and vulnerabilities based on socio-economic, peace and conflict, and technical criteria.  GRM is in place for any individual complaints or feedback.  Continuous Stakeholder engagement activities will be conducted throughout the life cycle of the project |
| Project related grievance redress mechanism. | Grievances /inquiries of the project will be addressed through UNOPS project related GRM in a transparent and confidential manner respecting the complainant's wishes. | UNOPS will provide the stakeholders with information sessions and induction on the available grievance mechanism, principles , process and way forward.  UNOPS GRM focal point will lead on receiving all grievances/inquiries at project level.  To ensure accessibility and confidentiality, the UNOPS GRM team will fix a locked complaint box in the parameter of the site and will ensure a presence of the help desk one day on bi weekly basis, considering gender and inclusion approach. |
| Worker Grievance mechanism for contractors | Grievances /inquiries of contractor(s) will be addressed through Contractors GRM Focal point in close coordination with UNOPS GRM Team by sharing the results and the proposed resolution approached. | UNOPS will require that each contractor put in place a Grievance Mechanism (GM) and identify a GRM Focal point to liaise with UNOPS GRM FP in order to raise workplace related concerns for its contracted workers and the workers of its subcontractors. These worker GMs will be proportionate to the workforce, as well as the nature and scale and the potential risks and impacts of the Project. |
| Disease Outbreak | Negative impact on the short term - long term of workers and communities health. | The contractor(s) will follow the recommendation of the Ministry of public health or any concerned authorities in the event of any disease outbreak.  Workers should be provided with masks, alcohol or gel for washing hands to prevent Covid-19 following local guidelines and/or WHO measures.  UNOPS will support the The contractor(s) team with the suitable training |
| Emergency (natural, national, fire, etc.) | Emergency situations may endanger life, property or the environment. | The contractor(s) will prepare an emergency preparedness and response plan to address possible emergencies including but not limited to evacuation plan and paths, emergency contact numbers, emergency drills, communication methods.  The contractor(s) will provide training, inductions and awareness on the emergency preparedness  \*Special attention shall be given to fire hazards and natural hazards: The contractor(s) shall provide suitable fire fighting equipment and conduct routine inspection to ensure that these equipment are in good conditions |
| Security situation in lebanon | Endanger life and properties | UNOPS will continuously monitor the security situation in Lebanon and will put in place necessary measures in accordance with standard operating procedures and in full consultation with KfW and UNDSS Lebanon. |
| Incident Reporting | Endanger life, property or the environment. | The contractor(s) will report incidents in accordance to UNOPS incident reporting mechanism  UNOPS will provide induction sessions to the contractor(s) to ensure they are aware of their responsibilities and can undertake acceptable Health and Safety and E&S prevention measures. The induction will be given by the UNOPS HSSE specialist. |
| Occupational Hygiene | Lack of occupational hygiene can lead to social and health risks | The contractor(s) will provide accessible sanitary facilities for ALL beneficiaries and workers and will ensure that these facilities are maintained in an appropriately, clean and sanitary condition. The contractor(s) should provide separate bathrooms for male and female workers. |
| Health, Safety, Social and environment | Lack of understanding of Health, Safety, Social and environment | UNOPS will support the IP with capacity building for different HSSE topics. |
| Occupational Health and Safety (OHS) risks resulting from work at heights, , electrical work, working in wet, uneven surfaces, poor lighting, bad indoor air quality, lifting, moving equipment, using ladders, using hazardous materials, etc.. | The contractor(s) will be required to adhere to UNOPS HSSE Requirements. OHS measures be addressed by different approach from elimination, substitution, engineering & administrative control and providing PPEs  UNOPS will support the contractor(s) in providing training to employees to ensure they are aware of their responsibilities and can undertake acceptable Health and Safety and E&S prevention measures.  UNOPS will also ensure work is implemented in-line with best International Industry practise.  All construction activities must be supervised all the time  The contractor(s) shall ensure that only competent, trained, and qualified people must perform maintenance job  The contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing such a job and get UNOPS approval.  The contractor(s) shall provide suitable PPEs for workers conducting the job such as fall arrestor, helmets, safety shoes, etc.  Contractor(s) shall ensure proper management and isolation of the work area (Barricades to segregate work area from publ  Proper warning signs shall be provided on site. |
| Labor influx | Labor influx may lead to social and environmental risks | The contractor(s) will hire local labor to prevent labor influx |
| Waste generation from day to day operation and construction activities | Unmanaged waste can lead to fire, trip hazard, pollution of land and water. | The contractor(s) shall manage the different types of waste generated from his activities in accordance with the Lebanese legislations and best international practices.  Identifying practical measures to minimise waste or to reuse or recycle is a plus.  Proper training on waste handling and signs supporting sustainable waste management shall be provided on site.  Spill control measures shall be addressed |

***Labor management Plan***

The Labor Management Procedure (LMP) is developed to manage risks and impacts for workers under the project. The LMP sets out the project’s approach to meeting national requirements, UNOPS requirements, KfW requirements, ILO requirements as well as the objective of the World Bank’s Environmental and Social Standard 2: labor and Working Conditions (ESS2) and the Environmental and Social Standard 4: Community Health and Safety (ESS4).

***Stakeholder Engagement and Grievance Redress***

The SIMA project will ensure that communities, in particular vulnerable and marginalised groups, Including people living in poverty, women, children and youth, sexual minorities and persons with disabilities, targeted by the project, are informed and involved in all the stages. A Grievance Redress Mechanism has been proposed under the project to record and resolve all grievances from communities and to control grievances from workers.

***Institutional arrangements, monitoring and training***

The contractor will nominate relevant personnel to implement and UNOPS ESSO will monitor the ESMP implementation . The project will generate quarterly and final monitoring reports that will be submitted to KfW. The project is not expected to have any residual impacts.

# **Introduction**

UNOPS recognizes its responsibility to promote environmental sustainability and resilience in its projects, systematically addressing negative impacts on the environment and society and preventing personal injuries, ill health and damage to property.

An Environment and Social Management Framework (ESMF) was prepared to describe how UNOPS will manage environmental and social issues in Sustainable Integrated Municipal Actions Project “SIMA”, in line with UNOPS policies, KfW guidelines and the World Bank’s Environment and Social Framework (ESF).

The ESMF mandated that once locations are defined and a specific subproject is identified, the SIMA team will go through the following steps:

**Step 1:** UNOPS carried out Negative List/ Ineligible List Criteria available in the ESMF to confirm ownership rights and that there is no land acquisition needed, among other things. (Annex 01)

**Step 2:** UNOPS carried out the environmental and social screening (Annex 2) to assess potential environmental and social impacts of the subproject.

**Step 3:** UNOPs will prepare Environmental and Social Management Plan (ESMP)

**Step 4:** A Contractor will be hired by UNOPS and they will be expected to implement the ESMPs.

**Step 5:** UNOPS will monitor all works and compliance of the ESMP.

The UNOPS team has now completed steps 1 and 2 and has identified the scope of work in the “Rehabilitation of Mufti Khaled Garden” project.

This project Environmental and Social Management Plan (hereafter “the Plan”) details how UNOPS will manage the potential environmental and social unintended negative impacts associated with the project’s activities, as well as to allow for meaningful and inclusive stakeholders consultations and engagement throughout the lifecycle of the project as per the ESMF.

UNOPS will identify the set of responses to potentially adverse impacts, determine requirements for ensuring that those responses are made effectively and in a timely manner, and describe the means for meeting those requirements. This plan identifies the procedures to be followed by all personnel working in the project.

This Plan is a live document that will be reviewed on the regular basis and updated if necessary.

* 1. Project description

SIMA project has three interlinked components: The first component is the rehabilitation of public infrastructure, the second is capacity building of municipal staff, and the third is the provision of grants to NGOs.

* 1. Description of the subproject and its proposed activities

Mufti Hasan Khaled Garden, located in Verdun, Beirut, Lebanon, holds a significant place as both a public green space and a tribute to a key figure in Lebanese history. The garden was created as a tribute to Mufti Hasan Khaled's enduring legacy, symbolizes the importance of preserving spaces for reflection, community, and remembrance amidst urban development. In 2019, the Municipal Council of Beirut decided to appropriate the space of the Hassan Khaled Garden and redesign it to incorporate a four-story parking underground, with a newly landscaped garden on top. The contractor was awarded the project and works commenced in June 2019, however, due to the economic crisis, work was stopped in October 2019 leaving the garden in an unoperational and inaccessible state.

Mufti Hassan Khaled Garden project is dedicated to fostering interactions both among diverse and within individual communities, while effectively utilizing the limited space available to meet the diverse needs of the public. The primary objective of this project is to establish a shared public space that is not only accessible but also inclusive, free and secure for everyone. By creating this communal space, the Mufti Hassan Khaled Garden project aims to have a positive collective social impact, ultimately enhancing the daily lives of residents. The design and diverse range of activities planned for this shared space is expected to alleviate tensions and provide a common ground for various communities to coexist, thereby preserving shared interests. This initiative is particularly significant for promoting social cohesion at the local level, considering the diverse socio-economic backgrounds present in the neighbourhood.

# **Environmental & Socio Economic Baseline**

This section provides the environmental and social profile of the project area.

The Hassan Khaled Garden is a neighborhood garden built in the 1960s. The Garden is located between Al Rashidine Street from one side and a residential area from the other side, between TeleLiban Station and Aisha Bakkar mosque. It has a rectangular shape of around 6,800 m2 surrounded by four streets, and developed on three levels one of which overlooks the main Al Rashidine Street. It used to service four neighborhoods that are quite different in their social profiles and income levels including the Verdun and Tallet Khayyat neighborhoods, upper middle- and upper-income level, mixed land use neighborhoods with expensive condo developments and upscale shopping center, located at the lower right and lower left corners of the Park, the Obari neighborhood, a middle income level neighborhood, mostly residential, with new condo developments at the right border of the Park, with a strip of commercial development abutting this side and the Dar al Ifta and Inaya neighborhood, a lower middle- and lower income level neighborhoods on the top right and left corners of the Park, with high concentration of low income families. The diversity of bordering communities did not impede their equal access to the Garden where people of all ages and groups met before its closing.

The Garden is currently fenced and dug with no green cover. A few trees remain at the edges, as well as part of the stone wall to the south side.



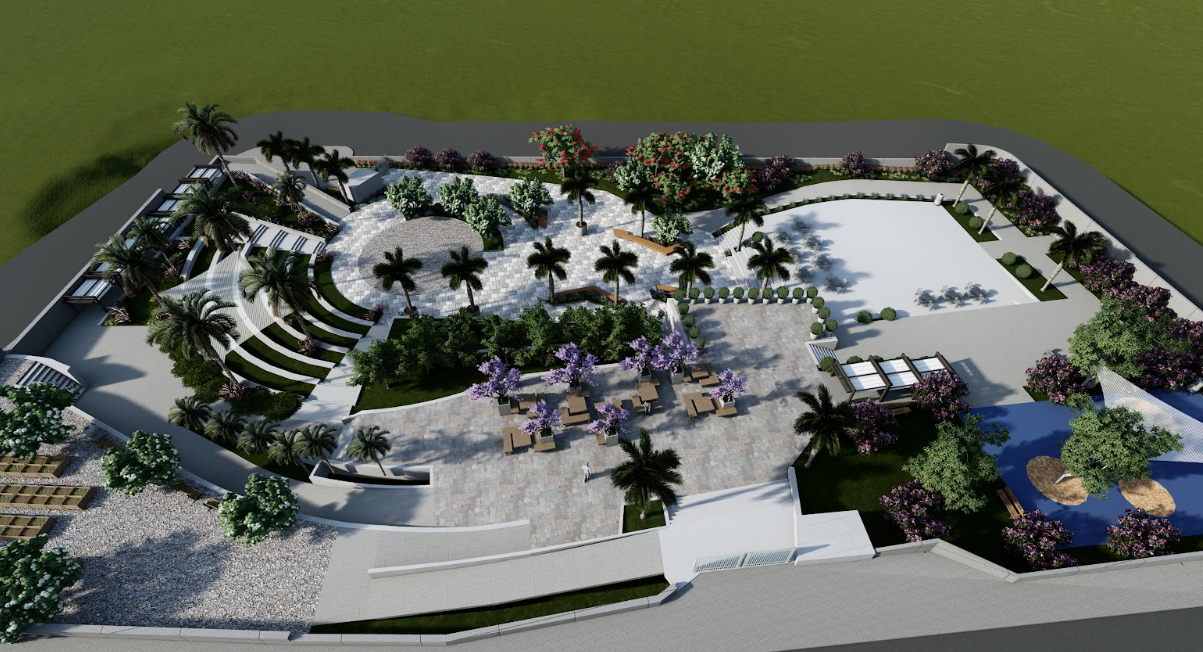
Title: Current situation of the garden

The Hassan Khaled Garden intervention aims to foster interactions among different communities and within the same community by establishing a shared public space that is accessible, free, and secure for all. The collective social impact of these endeavors will contribute to improving the daily lives of residents, as activities will alleviate tensions and create a common space for diverse communities to coexist and preserve shared interests.

The updated design of the garden consists of the following activities:

* Civil works
* landscape and hardscape works
* architectural works
* mechanical works
* electrical works





Title: Proposed Design of the Garden

# **Legal and Institutional Framework**

The project’s legal and institutional framework was discussed in detail in the ESMF. This section highlights the key requirements likely to be relevant to the project including national requirements, UNOPS Occupational Health and Safety and Social and Environment Management, KfW’s Sustainability Policy,ILO requirements and the World Bank’s Environment and Social Standards.

* 1. National legislation

The implementing partner(s) shall comply with the applicable Health, Safety, Social and Environmental legislation and other relevant requirements in Lebanon. The implementing partner(s) in coordination with UNOPS Project Manager will review these laws and regulations every 12 months to make sure that there are no changes which may affect this plan. Some of the main applicable Lebanese laws and regulations are:

* Lebanese Labor Law
* Lebanese General Safety-Decree-Law No 110802
* Lebanese Law for the Protection of the Environmental Law No. 444
* Lebanese General Safety-Decree-Law No 14293

Lebanon has also acceded to a large number of international environmental conventions and agreements and is committing new resources to assessments and plans to ensure their full implementation. An analysis of the relevant national legal framework, when possible gaps with the WB ESS are found, is discussed in the ESMF.

Lebanon has ratified 50 ILO Conventions, including 7 of the 8 fundamental conventions which address key human rights issues including: Forced labour, child labour, freedom of association, and equal opportunity and treatment at work.

**Table 3 - ILO Convention signed by Lebanon**

| **Number** | **Convention** | **Date Ratified** |
| --- | --- | --- |
| C029 | Forced labor Convention, 1930 | 1 June 1977 |
| C098 | Right to Organise and Collective Bargaining, 1949 | 1 June 1977 |
| C100 | Equal Remuneration Convention, 1951 | 1 June 1977 |
| C105 | Abolition of Forced labor Convention, 1957 | 1 June 1977 |
| C111 | Discrimination (Employment and Occupation) Convention, 1958 | 1 June 1977 |
| C138 | Minimum Age Convention, 1973 *Minimum age specified: 14 years* | 10 June 2003 |
| C182 | Worst Forms of Child labor Convention, 1999 | 11 September 2001 |

* 1. UNOPS

UNOPS currently has a number of policies and directives that guide the way the organisation implements projects and ensures the welfare of its workers and beneficiaries. UNOPS is in the process of developing a comprehensive set of environmental and social safeguards that will be applicable to all of the projects it implements. The safeguards will be based on the Model Approach to Environmental and Social Standards for UN Programming[[1]](#footnote-0).

UNOPS rolled out minimum H&S requirements for contractors to establish the minimum occupational health and safety (HS) performance level that applies to UNOPS work and UNOPS workplaces. It applies to activities performed by UNOPS contractors and subcontractors. UNOPS has also set up an HSSE Unit based in Copenhagen.

***Executive Office Directive Instructions***

The Executive Director Principles (EDP) set out the overarching principles, imperatives and conduct that guide all UNOPS activities and UNOPS personnel.

***UNOPS Occupational Health and Safety and Social and Environmental Management Policy***

UNOPS shall guarantee the occupational health, safety and welfare of all individuals involved in its activities and facilities. This shall include UNOPS personnel, partners, service providers, contractors and any other parties participating in UNOPS activities or visiting a UNOPS facility.

***Executive Office Instruction on Health and Safety and Social and Environmental Management***

Describes the mandatory processes and performance requirements for the implementation of Health & Safety (HS) and Social & Environmental (SE, and together with HS, HSSE) in UNOPS

***Executive Office Instruction on Reporting and Management of Health and Safety and Social and Environmental Incidents***

Sets out UNOPS minimum standards regarding the reporting and management of Health & Safety and Social & Environmental (HSSE) incidents.

***Operational Instruction on Information Disclosure***

Provides instructions regarding the disclosure of information concerning UNOPS operations to third parties.All forms and reporting in compliance with UNOPS guidelines shall be prepared.

* 1. KfW

KfW’s Sustainability Guideline, describes principles and procedures to assess the environmental, social and climate aspects during the preparation and implementation of measures financed by KfW Development Bank. In seeking to promote sustainability and avoid adverse environmental, social and climate impacts and risks, KfW Development Bank aligns to the following principles:

* To avoid, reduce or limit environmental pollution and environmental damage including climate-damaging emissions and pollution;
* To preserve and protect biodiversity and tropical rainforests and to sustainably manage natural resources;
* To consider probable and foreseeable impacts of climate change including utilising the potential to adapt to climate change. In this context climate change is understood as climate variability and long-term climate change;
* To avoid adverse impacts on the living conditions of communities, in particular indigenous peoples and other vulnerable groups, as well as to ensure the rights, living conditions and values of indigenous peoples;
* To avoid and minimise involuntary resettlement and forced eviction of people and their living space as well as to mitigate adverse social and economic impacts through changes in land use by reinstating the previous living conditions of the affected population;
* To ensure and support occupational health and safety as well as health protection in the workplace;
* To condemn forced laborand child labour, ban discrimination in respect of employment and occupation, and support the freedom of association and the right to collective bargaining;
* To avoid all forms of discrimination;
* To avoid negatively influencing existing conflict dynamics;
* To protect and preserve cultural heritage; and/or
* To support the executing agency in the management and monitoring of possible adverse environmental, social and climate impacts and risks associated with the implementation of a KfW-financed project.
  1. World Bank

The World Bank Environmental and Social Framework (ESF)[[2]](#footnote-1) includes a set of ten Environmental and Social Standards (ESSs) that establish the mandatory requirements that the Borrower and the projects must meet through the project life cycle.

Only ESS1, ESS2, ESS3, ESS4, ESS8 and ESS10 are deemed relevant to the Project. The standards establish objectives and requirements to avoid, minimise, reduce, and mitigate environmental and social risks and impacts, and to compensate for or offset any residual impacts.

ESS 1 Assessment and Management of Environmental and Social Risks and Impacts

ESS 2 Labor and Working Conditions

ESS 3 Resource Efficiency and Pollution Prevention and Management

ESS 4 Community Health and Safety

ESS 8 Cultural Heritage

ESS 10 Stakeholder Engagement and Information Disclosure.

In the context of the Project, UNOPS shall address the Project’s environmental and social risks as part of the environmental and social assessment process, in accordance with ESS1.

# **Environmental and social impacts and mitigation measures**

This section describes the residual environmental and social impacts expected to emerge from project activity, proposed mitigation measures and defines the responsibilities and timelines.

| **Activity/ situation** | **Potential Hazards/Risks for each task** | **Mitigation Measures** | **Estimated Mitigation Cost** | **Responsibility for implementing** | **Responsibility for Monitoring/ Supervision** |
| --- | --- | --- | --- | --- | --- |
| Labor Management | Bad Working conditions, Child Labour, forced labor, discrimination. | Contractor(s) will be required to show proof of worker’s age and have contracts in place for all workers, in line with the project ESMF, with strict labor standards covering Occupational Health and Safety, discrimination, equal opportunities, labor rights, codes of conduct and entitlements. | No additional Cost | Contractor(s) | UNOPS |
| Working with communities | Gender-Based Violence/Sexual Harassment/ Sexual Exploitation and Abuse | Contractor(s) will sign the UNOPS Code of Conduct for appropriate behaviour when working with communities, including women and children especially in meetings and events. SEA risk assessment and management will be done throughout the project lifespan: At the tendering phase, the bidders must fill the SEA Self Assessment. After appraisal, UNOPS will coordinate with the contractor(s) to ensure adequate monitoring and controlling. Community Engagement teams will conduct awareness raising activities. | No additional Cost | Contractor(s)/ UNOPS | UNOPS |
| Stakeholder Engagement | Dissatisfaction of stakeholders of the project | The selection of the project was based on an assessment that led to the identification of the community’s needs and vulnerabilities based on socio-economic, peace and conflict, and technical criteria..  GRM is in place for any complaints or feedback.  Continuous Stakeholder engagement activities will be conducted throughout the life cycle of the project. | No additional costs | UNOPS | UNOPS |
| Project related grievance redress mechanism. | Grievances /inquiries of the project will be addressed through UNOPS project related GRM in a transparent and confidential manner respecting the complainant's wishes. | UNOPS will provide the stakeholders with information sessions and induction on the available grievance mechanism, principles , process and way forward.  UNOPS GRM focal point will lead on receiving all grievances/inquiries at project level.  To ensure accessibility and confidentiality, the UNOPS GRM team will fix a locked complaint box in the parameter of the site and will ensure a presence of the help desk one day on bi weekly basis, considering gender and inclusion approach. | No additional Cost | UNOPS | UNOPS |
| Worker Grievance mechanism for contractors | Grievances /inquiries of contractor(s) will be addressed through Contractors GRM Focal point in close coordination with UNOPS GRM Team by sharing the results and the proposed resolution approached. | UNOPS will require that each contractor put in place a Grievance Mechanism (GM) and identify a GRM Focal point to liaise with UNOPS GRM FP in order to raise workplace related concerns for its contracted workers and the workers of its subcontractors. These worker GMs will be proportionate to the workforce, as well as the nature and scale and the potential risks and impacts of the Project. | Mitigation measures implementation cost | Contractors | UNOPS |
| Disease Outbreak | Negative impact on the short term - long term of workers and communities health. | Contractor(s) will follow the recommendation of the Ministry of public health or any concerned authorities.  Workers should be provided with masks, alcohol or gel for washing hands to prevent Covid-19 or any disease outbreak following local guidelines and/or WHO measures.  UNOPS will support the Contractor(s) team with the suitable training. | Cost of providing needed PPEs and tools | Contractor(s)/ UNOPS | UNOPS |
| Emergency (natural, national, fire, etc.) | Emergency situations may endanger life, property or the environment. | Contractor(s) will prepare an emergency preparedness and response plan to address possible emergencies including but not limited to evacuation plan and paths, emergency contact numbers, emergency drills, communication methods.  Contractor(s) will provide training, inductions and awareness on the emergency preparedness  \*Special attention shall be given to fire hazards: contractor(s) shall provide suitable fire fighting equipment and conduct routine inspection to ensure that these equipment are in good conditions | Cost of emergency equipments and their maintenance | Contractor(s) | UNOPS |
| Security situation in lebanon | Endanger life and properties | UNOPS will continuously monitor the security situation in Lebanon and will put in place necessary measures in accordance with standard operating procedures and in full consultation with KfW and UNDSS Lebanon  Contractor(s) shall take all required security measures to ensure the safety of the people, property and site. | Mitigation measures implementation cost | UNOPS/Contractor(s) | UNOPS |
| incident Reporting | Endanger life, property or the environment. | Contractor(s) will follow the UNOPS Incident Reporting Process.  UNOPS will provide induction sessions to Contractor(s) to ensure they are aware of their responsibilities and can undertake acceptable Health and Safety and E&S prevention measures.  The induction will be given by the UNOPS HSSE specialist. | No additional Cost | Contractor(s) | UNOPS |
| Occupational Hygiene | Lack of occupational hygiene can lead to social and health risks | Contractor(s) will provide accessible sanitary facilities for all workers and will ensure that these facilities are maintained in an appropriately, clean and sanitary condition. Contractor(s) should provide separate bathrooms for male and female workers. | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Health, Safety, Social and environment | Lack of understanding of Health, Safety, Social and environment | UNOPS will support the Contractor(s) with training sessions on different HSSE topics | Mitigation measures implementation cost | Contractor(s)/ UNOPS | UNOPS |
| Occupational Health and Safety (OHS) risks resulting from the rehabilitation activities | Contractor(s) will be required to adhere to UNOPS HSSE Requirements. Contractor(s) will conduct a risk assessment for all site activities and address OHS matters using a suitable approach (elimination, substitution, engineering & administrative control and providing PPEs).  UNOPS will support the Contractor(s) in providing training to employees to ensure they are aware of their responsibilities and can undertake acceptable Health and Safety and E&S prevention measures.  UNOPS will also ensure work is implemented in-line with UNOPS, KfW and WB ESFs requirements, and best International Industry practices by conducting routine inspections.  All construction activities must be supervised all the time  Contractor(s) shall ensure that only competent, trained, and qualified people must perform job especially maintenance jobs  Contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing work activities and get UNOPS approval.  Contractor(s) shall provide suitable PPEs for workers conducting the job such as fall arrestor , helmets, safety shoes, etc.  Contractor(s) shall ensure proper management and isolation of the work area (Barricades to segregate work area from public)  Proper warning signs shall be provided on site. | Mitigation measures implementation cost | Contractor(s)/ UNOPS | UNOPS |
| Labor influx | labor influx may lead to social and environmental risks | Contractor(s) will hire local labor to prevent labor influx | No additional Cost | Contractor(s) | UNOPS |
| Waste generation from day to day operational and construction activities | Unmanaged waste can lead to fire, pollution of land and water and tripping risk | Contractor(s) shall manage the different types of waste generated from his activities in accordance with the Lebanese legislations and best international practices.  Identifying practical measures to minimise waste or to reuse or recycle is a plus.  Proper training on waste handling and signs supporting sustainable waste management shall be provided on site.  Spill control measures shall be addressed | waste segregation Cost | Contractor(s) /UNOPS | UNOPS |
| Hazardous materials and waste generation from construction activities | Unmanaged hazardous materials can lead to pollution of land, ground water and fire | Contractor(s) shall manage the different types of waste generated from his activities in accordance with the Lebanese legislations and best international practices.  Contractor(s) shall prepare an inventory of all hazardous materials available on site and identifying practical measures to minimise waste or to reuse or recycle is a plus.  MSDS of hazardous materials must be present and shared with workers.  Proper training on handling hazardous materials must be provided to all workers.  hazardous waste including broken lamps, batteries shall be segregated and handled according to the best practice, Oil, lubricant and other hazardous materials waste must be placed in tightly sealed containers to avoid contamination of soil and water resources;  Hazardous waste containers shall be properly labelled;  Storage areas for fuel, oil, lubricant, bitumen and other hazardous substance if any, must be out of the work area also,  Any maintenance of construction equipment must out of the work area;  Small quantities of hazardous materials must be purchased to supply the need only. Avoid storing big quantities  Spill control measures shall be addressed | Mitigation measures implementation cost | Contractor(s) /UNOPS | UNOPS |
| Working in poor lighting | Poor lighting may cause health, and social risks | In the absence of natural lighting, Contractor(s) shall ensure that workplaces are supplemented with sufficient artificial illumination to promote worker health and safety | artificial lighting cost | Contractor(s) | UNOPS |
| Indoor Air quality | Bad indoor air quality may cause health disease | Contractor(s) will ensure that the work area is well ventilated | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Storing and stacking materials | Improper storing and stacking of materials can lead to injury of people and damage of materials and | Contractor(s) shall ensure a safe management of their stacking areas especially for hazardous materials. ( MSDS shall be provided for hazardous materials)  Proper signs supporting good storing & stacking practices shall be provided on site  Contractor(s) shall provide a suitable storage area for the materials. | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Working at height | Falling from people or objects leading to injury of people and damage of equipments | Contractor(s) must consider reducing the exposure to work at heights by ensuring that work that can be done on the ground is done on the ground.  Contractor(s) shall ensure that only competent, trained, and qualified people must perform the required job  Contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing such a job and get UNOPS approval.  Contractor(s) shall provide suitable PPEs for workers conducting the job such as fall arrestor, safety helmets, safety shoes, gloves, glasses.  Contractor(s) shall ensure proper barricade of the work area (Barricades to segregate work area from public)  Proper warning signs shall be provided on site  Contractor(s) must ensure that the working platform is in good condition and fit for the purpose of use  Contractor(s) shall conduct routine inspection to ensure that the platform is in good conditions | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Excavation and borrow pits | Injuries of personnel and damages of equipment resulting from the collapse of excavations, falling or dislodging material, falling of personnel into excavations. | The Contractor(s) shall, as far as reasonably possible, avoid any excavation activities within and/or close to existing services and/or any other structures.  The Contractor(s) shall also obtain approval from both the UNOPS and relevant authorities before any excavation activities planned close to existing service lines after presenting a method statement, risk assessment and excavation permit to the UNOPS Technical Coordinator.  The Contractor(s) shall conduct an excavation risk assessment.  The Contractor(s) shall provide all mitigation measures while conducting the excavation activities ( PPEs, barricades, signs, etc….)  The Contractor(s) shall ensure that only competent people are executing the work  **The Contractor(s) shall provide a “chance finds” procedure, if applicable .**  The Contractor(s) shall provide a waste management plan to handle the C&D waste generated from the excavation work. | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Electrical work | Injury of people and damage of equipment | Contractor(s) shall perform a Lock out (de-charging and leaving open with a controlled locking device) and tag-out (warning sign placed on the lock) devices during service or maintenance  Contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing such a job and get UNOPS approval.  Contractor(s) shall protect power cords and extension cords against damage from traffic by shielding or suspending above traffic areas  Contractor(s) shall ensure that only competent, trained, and qualified people must perform maintenance job  Contractor(s) shall provide suitable PPEs for workers conducting the job such as electrical gloves, insulating safety shoes, insulating helmet, etc.  Contractor(s) shall ensure proper barricade of the work area  Proper warning signs shall be provided on site | Mitigation measures implementation cost | Contractor(s) | UNOPS |
| Noise | Noise pollution | Contractor(s) shall institute appropriate measures to manage the noise generated and adhere to the national requirements.  Noisy activities will be avoided at night, during religious or cultural events.  Contractor(s) shall provide proper noise cancelling PPEs to maintenance workers. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Vibration | health effects for machine | Contractor(s) shall ensure adequate maintenance of the equipment used on site. The contractor(s) shall conduct relevant training and awareness sessions to inform working on risks associated with vibration. The contractor(s) shall manage the exposure duration to the vibration for the workers  Contractor(s) shall provide proper anti vibration PPEs to workers. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Working in bad weather conditions | Injury of people and damage of equipment | Contractor(s) shall plan for inclement weather conditions taking special care of the crane operation, working during the rain, working on platforms, and driving.  Contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing any job during bad weather conditions and get UNOPS approval.  Contractor(s) shall provide needed resources, training and PPEs to account for bad weather conditions. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Painting | Health problems from inhaling paint fumes. | Contractor(s) shall carefully choose, handle and store paints (registry of hazardous materials shall be prepared and MSDS shall be available on site, shared with the workers)  Contractor(s) shall provide suitable PPEs (Gloves, Masks,etc..) for workers conducting the job  Contractor(s) shall use environmental friendly materials | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Generator Maintenance and fueling | Contamination of land  Pollution of air  Noise pollution  Health problem from inhaling generator fumes | Contractor(s) shall ensure that the generator is operating in accordance with the Lebanese Law for the Protection of the Environmental Law No. 444.  Contractor(s) shall set a maintenance and inspection schedule for the generator and corresponding electrical wires, cables and plugs.  Contractor(s) shall ensure that only competent, trained, and qualified people must perform maintenance job  Contractor(s)shall take all necessary contamination control measures such as providing spill containers for diesel/ fuel tanks, , spill control kit for small spills, etc.  Contractor(s) shall conduct a Job hazard assessment or Safe work procedure before performing the job and get UNOPS approval.  Contractor(s)shall provide suitable PPEs for workers conducting the job such as PVC boots, chemical resistance gloves, safety glasses, etc.  Contractor(s)shall ensure that the area near the generator is clear on all sides all time.  Proper warning signs shall be provided near the generator (no smoking, flammable hazard,etc)  Contractor(s) shall ensure suitable fire extinguishers are immediately accessible near the generator | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Lifting or moving load | Back injuries | Contractor(s) shall use proper handling technique to lift materials;  Contractor(s) shall provide training of workers on proper manual handling  Any load heavier than 20 kgs should be shared or lifted using the equipment.  Proper signs supporting good lifting practices shall be provided on site | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Demolition | Injury of people and damage of equipment | Contractor(s) shall obtain approval from both the UNOPS and relevant authorities (a method statement, risk assessment and excavation permit to be presented prior to activity commencement)  Contractor(s) shall restrict access by the work area.  Contractor(s) shall provide proper signs supporting shall be provided on site  Contractor(s) shall provide adequate supervision, resources and training.  Demolition works that involve hazardous materials such as asbestos shall be carefully planned and handled by relevant abatement experts. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Working with equipment & appliances | Injury of people and damage of equipment | Contractor(s) shall ensure that the equipment is safe for use in line with the manufacturer’s specifications or instructions and for the intended purpose  Contractor(s) shall conduct routine inspection of the tools to ensure that the tools and equipments are in good conditions  Contractor(s) shall provide needed resources to conduct the job  Contractor(s) shall ensure that only competent personnel are conducting the job. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Working near vegetation | Damages of trees or vegetation | Contractor(s) shall prevent any unnecessary destruction, scarring, or defacing of the natural surroundings in the vicinity of the conducted activity  Contractor(s) shall protect all trees and vegetation from damage by construction operations and equipment, except where clearing is required for permanent works, approved  construction roads, or excavation operations.  Contractor(s) shall revegetate damaged areas on completion of the Works, and for areas that cannot be revegetated, scarifying the work area to a condition that will shall facilitate natural revegetation, provide for proper drainage, and prevent erosion  Contractor(s) shall use, as much as possible, local species for replanting and species that are not listed as a noxious weed  Repair, replant, reseed or otherwise correct, as directed by UNOPS and at the Contractor’s own expense, all unnecessary destruction, scarring, damage, or defacing of the landscape resulting from the Contractor operations  Contractor(s) shall transport labour and equipment in a manner to avoid as much as possible damage to grazing land, crops, and property | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Site Housekeeping | Slip, trip and fall hazard will lead to injuries of people | Contractor(s) will be required to keep the site clean and of removing sharp items to prevent injuries  Safety signs, barricades and lights will be provided to increase awareness.  All uneven surfaces must be marked and maintained. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Road accidents while transporting  equipment and materials | Injury of people and damage of equipment | The Contractor shall carry out planned inspections and maintenance of vehicles to ensure that the vehicles are legally registered and safe for use  Contractor(s) shall ensure drivers are competent and trained on good driving practices such as  Contractor(s) must ensure that the drivers has adequate driving licence  Contractor(s) can conduct drug checkups on drivers. | Mitigation measures implementation cost | Contractor(s | UNOPS |
| Roads accidents due to site surrounding activities | Injury of people and damage of equipment | The Contractor(s) shall prepare and share with UNOPS a traffic management plan for UNOPS approval.  The Contractor(s) shall coordinate with relevant authorities to ensure all the necessary arrangements are made prior to starting the work.  The Contractor(s) carry out planned inspections and maintenance of vehicles to ensure that the vehicles are legally registered and safe for use  Contractor(s) shall ensure drivers are competent and trained on good driving practices such as  Contractor(s) must ensure that the drivers has adequate driving licence  Contractor(s) can conduct drug checkups on drivers. | Mitigation measures implementation cost | Contractor(s | UNOPS |

*\*In case other activities take place, the* contractor(s) *shall refer to U*[*NOPS minimum requirements for Contractor*](https://docs.google.com/document/d/1yQC9fy-byfXBfAoecbQQSN02PVPAmq4w/edit#heading=h.ds6c27522ask) *for guidance.*

*\* The Contractor shall ensure sufficient budget to meet the ESHS requirements, and sufficient capacity to oversee, monitor and report the ESMP performance.*

# **Environment & Social management**

Bidders receive key documentation outlining the requirements of **UNOPS Health and Safety, Environmental and Social Management Systems** during the tender phase. The selected contractor(s) shall comply with all UNOPS HSSE requirements for the whole duration of the contract. These requirements equally apply to any subcontractors hired by the contractor(s). It is the contractor(s)’s responsibility to ensure that subcontractors comply and to demonstrate such compliance in submittals and during verification processes by UNOPS.

In cases where the contractor(s) capacity limits their ability to perform the required HSSE activities at site, the UNOPS team should take the lead so that the project can fulfil UNOPS HSSE requirements.

The contractor(s) should be involved in a capacity building process to build their capacity to implement HSSE in the future.

* 1. Labor Management Plan

The Labor Management Plan (LMP) is developed to manage risks and impacts for workers under the project.

The LMP is a living document to be reviewed and updated throughout development and implementation of the project, and is available in the ESMF. The LMP applies to all project workers, irrespective of contracts being full-time, part-time, temporary or casual.

The SIMA project will ensure no workers under the age of 18 years old are employed. This agreement will be made with beneficiaries and contractors.

UNOPS will make sure that the contractor(s) are aware of environmental and social management performance requirements that shall be expected from them.

All terms and conditions as outlined in this ESMF and the laborLaw will apply, including:

* The maximum working hours are limited to 8 hours per day, 6 days a week.
* Employers shall guarantee that the workers shall have at least one resting day per week. The employers shall also make arrangements for the employees to take vacation during any other holidays as prescribed by laws and regulations.
* Employment opportunities will be available to all. This includes equal pay for equal work, regardless whether the person performing the work is male or female.
* The wages paid by the employers to the workers shall not be lower than the local Lebanese minimum wage.
* Provisions of the Labor Law must be followed, including maternity leave for females if applicable.

Contractors must:

* Monitor, keep records and report on terms and conditions related to labor management;
* Provide workers with evidence of all payments made, including benefits and any valid deductions;
* Keep records regarding labor conditions and workers engaged under the Project, including names of workers, days worked and if needed hours worked, and payments;
* Record safety incidents, first aid cases, cases requiring medical treatment, and any remedial and preventive activities required (for example, revised job safety analysis, new or different equipment, skills training, etc.);
* Report evidence that no child labor is involved (such as by having copies of IDs);
* Train workers on infectious disease safety precautions, use of PPE, and other occupational health and safety issues
* All workers must be aware and sign the Code of Conduct annexed to the ESMP.
  1. Stakeholder Engagement Plan
     1. **Project Stakeholders**

A project stakeholder mapping has been developed by the project team that identifies various stakeholders in the project and is continuously updated based on the changes and needs of the project life cycle. The stakeholder mapping is a tool that helps in the development of a comprehensive stakeholder engagement plan. The main stakeholders that have been identified under this project that need close engagement with are:

* KfW the donor of the project who is also part of the Project Board.
* The Project Board includes members from the municipality of Beirut, UNOPS and KfW. Final, strategic decisions and directions are taken within the Project Board during periodic meetings conducted throughout the project life cycle.
* Community members as they are direct beneficiaries of the project, mainly youth and children as well as elderly, women, Person with Disabilities (PWD) and various community-based groups such as Women of Beirut committee, Mufti Hassan Khaled Residents Neighborhood Group and more.
* Municipality of Beirut for weekly coordination meetings, strategic direction and approvals.
* Recipient of Grants who will be responsible to support the operational management of the site as well as implementation of social cohesion activities.
  1. Consultations and Stakeholder Engagements

Stakeholder engagement is an inclusive process conducted throughout the project life cycle. It can improve the environmental and social sustainability of projects, enhance project acceptance, and make a significant contribution to successful project design and implementation.

UNOPS will engage in meaningful consultations with all stakeholders. UNOPS will provide stakeholders with timely, relevant, understandable, and accessible information, and consult with them in a culturally appropriate manner, which is free of manipulation, interference, coercion, discrimination, and intimidation.

The stakeholder engagement will include but is not limited to :

* stakeholder identification and analysis;
* planning how the engagement with stakeholders will take place;
* disclosure of information
* consultation with stakeholders;
* reporting to stakeholders.

A Stakeholders engagement plan at the project level was prepared and is available in the ESMF published at UNOPS website.

Subproject stakeholders mapping and community engagement plan are living documents to be reviewed and updated throughout development and implementation of the project, and is available in [Stakeholder Mapping](https://docs.google.com/spreadsheets/d/1YPMOWNtHkPC7xpJ7YcAVC8St2sFClvwA/edit?gid=1844974959#gid=1844974959), [Community Engagement Plan](https://docs.google.com/spreadsheets/d/1CsXdJTCJPCNBakeEJo_D_Zes78-agEcgFYHEp_CVGZE/view) in Annex 8.

* 1. Grievance Redress Mechanism

UNOPS will ensure that contractor(s) have a thorough knowledge of the UNOPS Project related GRM to ensure that all Project Affect Parties ’ comments, suggestions and objections are captured and considered.

The UNOPS Project related grievance mechanism will allow the project affected parties to express their complaints/ suggestions & Feedback in a confidential and transparent manner.

The grievance mechanism will include but is not limited to:

* Different Means of communication in which users can submit their grievances, which will include submissions in person, by phone, text message,email, on site complaint boxes,or Help desks.
* UNOPS GRM focal Point is dedicated to handle and deal with all related issues respecting UNOPS GRM principles (Confidentiality, timely responsive, culturally appropriate, accessible,etc.) and procedures following the main 4 steps of grievances management (Acknowledge Register, Assess Analyze, Propose response & Communicate with the affected parties, Close /Track/Document).
* UNOPS have in place a log tracker(an excel sheet) where grievances are registered in writing and coded for follow up and resolution tracking.
* UNOPS GRM Team will Publicly advertise information and contact exchange ICE Materials(GRM leaflet,Business Cards) that includes means of communication that complainant can reach out to you, procedures, setting out the length of time users can expect to wait for acknowledgment, response, and resolution of their grievances;
* Transparency about the grievance procedure, governing structure, and decision makers;

Beside the project related grievance mechanism, the contractor(s) will be required to implement a grievance mechanism and identify a focal GRM Focal point to liaise with UNOPS GRM FP in order to raise workplace related concerns for its contracted workers and the workers of its subcontractors. The worker GM will be proportionate to the workforce, as well as the nature and scale and the potential risks and impacts of the Project.

The UNOPS team will assess the contractor (s) capacities in managing grievances and provide support when needed.

NB: All workers that do not feel safe and comfortable to raise their concerns internally have the opportunity to raise it via UNOPS Project related GRM, where it will be handled and treated confidentially and in a systematic manner.

**Implementation IN ACTION:**

All Contractors should establish a formalised procedure or process for dealing with GRM for workers’ it should include:

* Assigning a responsible person, team or function to organise the resolution of grievances
* Receive/Register/Asses and Acknowledge.
* Propose Response (practical arrangements for maintaining confidentiality, reviewing and resolving grievances)
* Communicate Response.
* Reporting/ UNOPS Audit.
* Taking gender into Consideration.

The Contractor(s) will be given an induction session on the GRM process and guidelines, where they will be informed of the full procedures that UNOPS follow to resolve received grievances as well as establishing their own GRM following UNOPS guidance and procedures.

# **Capacity development and training**

* 1. Institutional Arrangement

The ESMP implementation will require the following institutional arrangements.

1. The Contractor(s) will nominate an ESSO who will coordinate with UNOPS ESSO
2. The Contractor(s) will nominate an GRO who will be coordinating with UNOPS GRM Officer

This institutional setup will be responsible for monitoring and reporting on the ESMP to UNOPS.

* 1. Capacity Building & training

At the beginning of the project the UNOPS ESSO, with the support of the team members, will train the Contractor ESSO on all aspects of this ESMP. The ESSOs will conduct inductions and training for all personnel working on the project.

The following training matrix is a live document available that can be used to keep detailed records of site inductions, toolbox talks and training.

**Table 6 - Training**

| Planned Training | Nominated Staff | Frequency |
| --- | --- | --- |
| ESMP Aspects / S&E safeguards | All Staff | Beginning of the project or when joining |
| HSE Induction | All personnel working on the project | Beginning of the project or when joining |
| General Health and Safety | All site staff | Monthly |
| PSEA Awareness Session | All personnel working on the project | Beginning of the project or when joining |
| First Aid training | All personnel working on the project | Beginning of the project or as required |
| Fire and Emergency Contingency Planning | All personnel working on the project | Twice a year |
| Risk Management:Hazard identification and controls measures | Relevant personnel | Prior starting activities and as required |
| Incident Reporting | Relevant personnel | Beginning of the project or as required |
| Defensive Driving and Speed | Project drivers | Twice a year |
| Disease outbreak prevention measures training | All personnel working on the project | Prior starting project implementation or as required |
| Waste Management | All personnel working on the project | Prior starting project implementation or as required |
| General social and environmental issues | All personnel working on the project | Monthly |
| Health and Safety Issues | All personnel working on the project | Monthly |
| Toolbox talk | All workforce on site | Daily |
| Area Specific Training | Relevant personnel | When needed |

Site inductions will be carried out by the contractor(s) . Arrangements for site inductions for this project shall be:

* Any new employee coming to the work site will be briefed on the site safety rules including the site logistics plan, hazards, evacuation procedures, emergency and first aid procedures, and the duties and responsibilities of all persons on site.
* A Site Induction briefing and Site Safety Rules has been developed in Arabic and in English
* All attendees of the Site Induction briefing will be recorded and included in the UNOPS training registry on OUC.
* Visitors will be given a brief site induction (based on an either oral or written Visitor’s induction) and will be accompanied at all times during their visit to the site.
* Contractor(s) personnel at site should ensure that workers carrying out safety critical tasks have the necessary induction, qualifications, instructions and/or on the job training/licensing for the tasks they carry out.

# **Environmental and social monitoring plan**

The implementation of environmental and social mitigation measures shall be monitored based on the following approach:

The Environmental and Social Safeguards Officer (ESO) nominated by the contractor will complete a monitoring checklist.

UNOPS ESSO will conduct at least weekly environmental and social inspection, if applicable and provide reports of findings and corrective actions.

UNOPS ESSO will prepare a quarterly Environmental and Social Monitoring Report that documents all the non-compliances with this ESMP as well as any grievances. The quarterly report shall be reviewed by the UNOPS HSSE department and forwarded to donor agencies for review, approval and documentation.

A final Environmental and social impacts report will be prepared at the end of the project summarising all impact monitoring and actions.

Additionally the Grievance Redress Officer will maintain a Grievance Register. All the recorded grievances shall be summarised in the quarterly report.

# **Conclusion**

This ESMP addresses the specific environmental and social impacts that can potentially emerge from the ”Rehabilitation of Moufti Hassan Khaled Garden” project and provides mitigation measures, responsibilities, institutional arrangements and reporting and monitoring requirements.

Any residual impacts shall be documented in the final report and UNOPS shall make arrangements to address these impacts.

# **Revisions of the Plan**

**Table 7 - Revisions**

| **Revision date** | **Description of main changes** |
| --- | --- |
| ***12.12.2024*** | ***First draft of the document*** |
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# **Annexes**

[**Annex 01: Negative List/ Ineligible List Criteria**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

[**Annex 02: Environmental and Social screening**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

[**Annex 03: Incident Reporting Mechanism**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

[**Annex 04: Code of Conduct**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

[**Annex 05: Inspection Checklist**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

[**Annex 06: UNOPS Minimum health and safety requirements for contractors**](https://drive.google.com/drive/folders/1cEHoy9b23WNH6V_-0F59Zzqcs5RuLdKx)

**Annex 07:** [**Stakeholders Mapping**](https://docs.google.com/spreadsheets/d/1YPMOWNtHkPC7xpJ7YcAVC8St2sFClvwA/edit?gid=1844974959#gid=1844974959) **&** [**Engagement Activities**](https://docs.google.com/spreadsheets/d/1CsXdJTCJPCNBakeEJo_D_Zes78-agEcgFYHEp_CVGZE/view?gid=1485031272#gid=1485031272)

1. <https://unemg.org/wp-content/uploads/2019/07/FINAL_Model_Approach_ES-Standards-1.pdf> [↑](#footnote-ref-0)
2. <https://www.worldbank.org/en/projects-operations/environmental-and-social-framework> [↑](#footnote-ref-1)