



Submitted to: Karibib Fuel Centre CC
Attention: Mr. AJ Stadler
P.O. Box 106
Karibib,
Namibia

REPORT:

BACKGROUND INFORMATION DOCUMENT FOR THE PROPOSED CONSTRUCTION AND OPERATION OF A FUEL SERVICE STATION ON ERF 1204, EXTENSION 4, KARIBIB, ERONGO REGION

PROJECT NUMBER: ECC-179-706-BID-03-A

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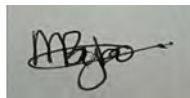
We welcome any enquiries regarding this document and its content. Please contact:



Environmental Compliance Consultancy (Pty) Ltd
PO Box 91193, Klein Windhoek, Namibia
Tel: +264 81 669 7608
Email: info@eccenvironmental.com

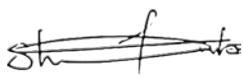
Quality Assurance

Authors:

A handwritten signature in black ink, appearing to read 'M. Niigambo'.

Mercy Niigambo and Kay-Lynne July
Environmental Compliance Consultancy

Checked By:

A handwritten signature in black ink, appearing to read 'S. Shinyemba'.

Samuel Shinyemba
Environmental Compliance Consultancy

Approved by Authorised Representative:

A handwritten signature in black ink, appearing to read 'C. Baufeldt'.

Carlene Baufeldt
Environmental Compliance Consultancy

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TABLE OF CONTENTS

1	Background information document	6
1.1	Purpose of this document.....	6
1.2	Description of the proposed Project.....	6
1.3	Project location	6
1.4	Need for the project.....	10
1.5	Project details – construction and operational phases.....	10
1.5.1	Construction phase	10
1.5.2	Operational phase	10
1.5.3	Support infrastructure and services	10
1.5.4	Waste management	11
1.6	Consideration of alternatives.....	11
2	The environmental and social impact assessment process.....	12
2.1	Screening	14
2.1.1	Potential environmental and SOCIAL impacts.....	15
2.1.2	Draft environmental and social management plan.....	15
3	The way forward – public participation.....	16

LIST OF TABLES

Table 1- Listed activities triggered by the proposed Project	14
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LIST OF FIGURES

Figure 1 - Locality map of the Project site (Erf 1204)	8
Figure 2 - Satellite view of the Project site (Erf 1204).....	9
Figure 3 - Flowchart of the environmental and social assessment process.....	13

ABBREVIATIONS

Abbreviation	Description
BID	background information document
DEAF	Directorate of Environmental Affairs and Forestry
EAP	environmental assessment practitioner
ECC	Environmental Compliance Consultancy (Pty) Ltd
EIA	environmental impact assessment
EMA	Environmental Management Act, No. 7 of 2007
ESMP	environmental and social management plan
Erf	A piece of land or plot within a residential or commercial townland area. The number assigned to a specific plot or piece of land distinguish one plot from another for the purpose of ownership, property taxes, municipal billing and planning.
I&APs	interested and affected parties
KTC	Karibib Town Council
Ltd.	Limited
MEFT	Ministry of Environment, Forestry and Tourism
Pty	proprietary
Q4	quarter four
RoD	record of decision
ToR	terms of reference

1 BACKGROUND INFORMATION DOCUMENT

1.1 PURPOSE OF THIS DOCUMENT

This background information document (BID) has been compiled to provide interested and affected parties (I&APs) with an introduction to the scope of work for the proposed construction and operation of a fuel service station on Erf 1204, Extension 4, Karibib, Erongo Region, Namibia.

Environmental Compliance Consultancy (Pty) Ltd (ECC) has been engaged by Karibib Fuel Centre CC (hereto referred to as "the Proponent") as the environmental assessment practitioner (EAP) to undertake a scoping plus assessment study for the proposed Project in terms of the Environmental Management Act, No.7 2007 (EMA) and its 2012 Regulations.

Extension 4 is planned to undergo a rezoning process for commercial, mixed use and residential development. The consent for the rezoning application was submitted to the Karibib Town Council (KTC) in quarter four (Q4) of 2025 and is pending approval.

This BID invites I&APs to register as part of the scoping plus assessment process. A platform for I&APs to submit comments, concerns and inputs will be established and all registered I&APs will be informed about the proposed Project, the review periods of the draft scoping plus impact assessment report, draft environmental and social management plan (ESMP) and the record of decision (RoD) on the environmental clearance certificate application.

This BID includes the following information:

- The proposed Project and location;
- The necessity of the Project, benefits or adverse impacts anticipated;
- The alternatives that were considered;
- How the scoping plus assessment process works;
- The public participation process and how to become involved; and
- Next steps and the way forward.

1.2 DESCRIPTION OF THE PROPOSED PROJECT

The Proponent proposes to construct and operate a fuel service station, along with associated infrastructure such as a retail shop, food takeaway outlet and a carwash facility on Erf 1204, Extension 4, Karibib, Erongo Region. The proposed project scope during the construction and operational phases is discussed in detail in section 1.5.

1.3 PROJECT LOCATION

The proposed Project is located within a pre-disturbed townland environment. The Project footprint (i.e. Erf 1204) is approximately 25 392 square metres (m²) in size (Figure 1 and Figure 2).

The Project site is located within a pre-disturbed townland environment. The broader area is predominantly characterised by a mix of municipal infrastructure, roads and transport infrastructure, privately owned businesses and residential developments.

Figure 1 shows the locality map of the Project site and Figure 2 shows a zoomed in satellite view of the Project site.

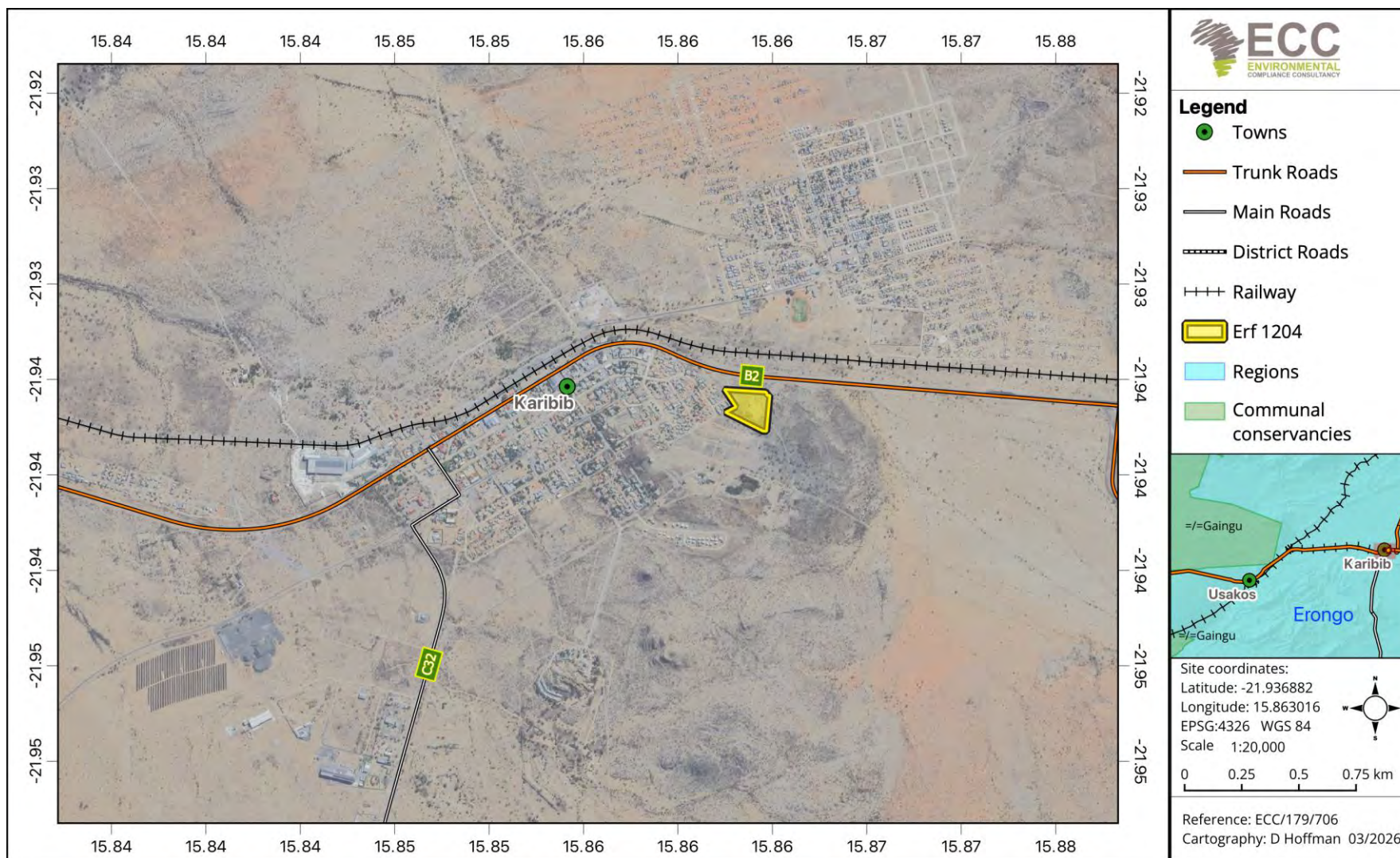


Figure 1 - Locality map of the Project site (Erf 1204)

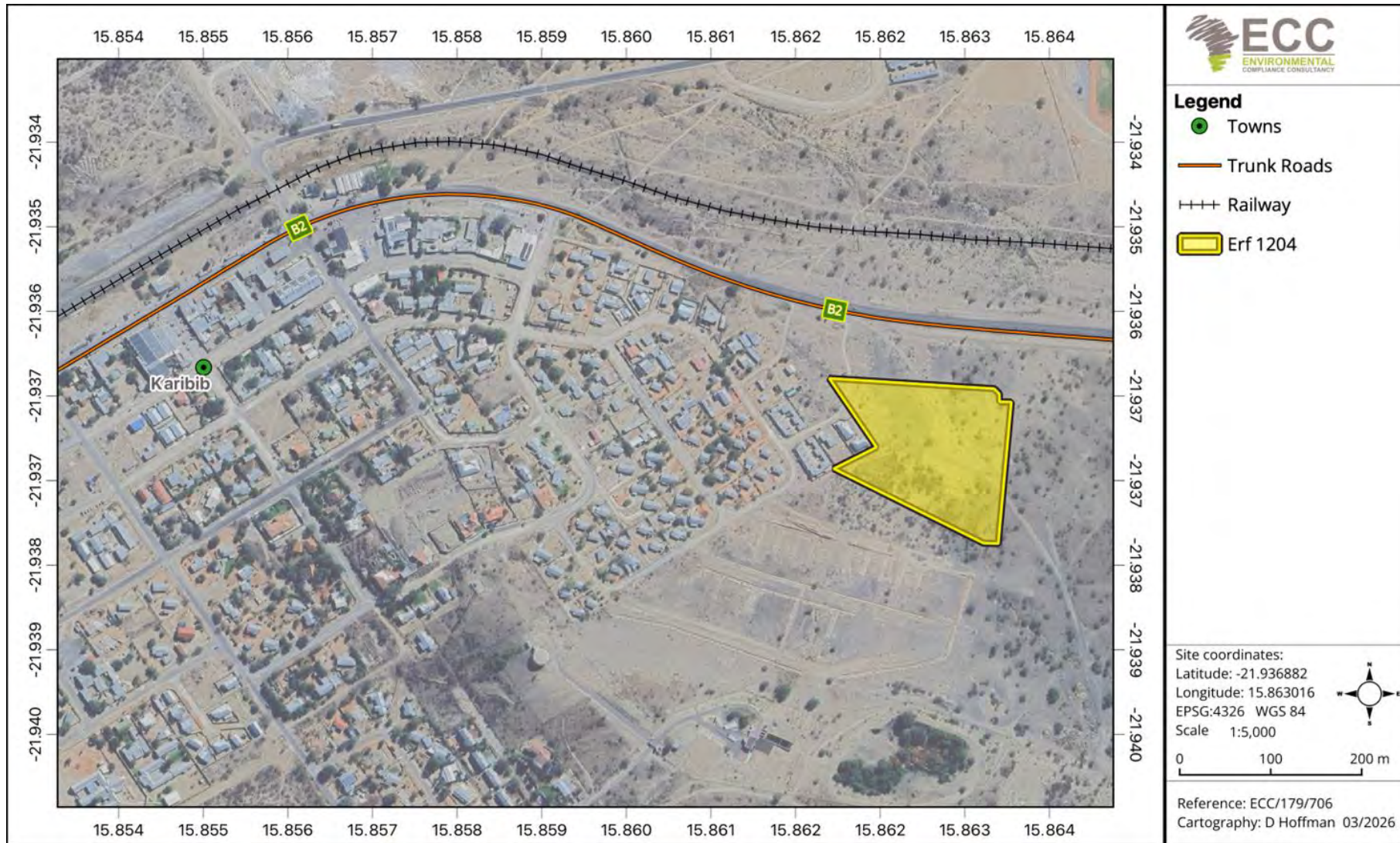


Figure 2 - Satellite view of the Project site (Erf 1204)

1.4 NEED FOR THE PROJECT

The development of a fuel service station in Karibib along the B2 highway presents strong potential due to its strategic location linking coastal and inland regions, catering to heavy-duty transport and mining related traffic. Employment opportunity for locals in various amenities will be provided – at the kiosk, carwash and fuel station - as attendant's, managers and service technicians

The addition of another fuel station diversifies the market, allowing for the uninterrupted availability of fuel and lubricants to clientele, including commercial, industrial and individual consumers and to enhance logistical efficiency and operational self-sufficiency, for consistent customer flow along the B2 road.

1.5 PROJECT DETAILS – CONSTRUCTION AND OPERATIONAL PHASES

1.5.1 CONSTRUCTION PHASE

The construction phase will entail the following:

- Clearing, levelling and grading of the Project footprint;
- Civil works for the underground fuel storage tanks, development of stormwater drainage systems, ablution facilities, casting of concrete slabs for the canopy, kiosk structure and carwash facility;
- Connection of the Project to municipal services (i.e. connection to the power grid, water supply and wastewater systems);
- The development of access points to the B2 road to facilitate site access;
- Pressure testing of fuel storage tanks and dispensing units; and
- Safety systems and emergency response procedures will be conducted in this phase.

Environmental and occupational health and safety measures will be implemented to minimise potential impacts on the receiving environment and surrounding social receptors.

1.5.2 OPERATIONAL PHASE

This phase will include the safe dispensing of fuel from underground storage tanks, regular monitoring of fuel levels, customer services (i.e. fuel attendants assisting customers with refuelling and process payment), upkeep of ablution facilities, managing waste and conducting routine inspections to timely detect leaks or equipment malfunction.

1.5.3 SUPPORT INFRASTRUCTURE AND SERVICES

Additional support infrastructure and services will include:

- Fuelling service station administration office block;
- Kiosk; and
- Carwash facility

1.5.4 WASTE MANAGEMENT

Waste will be separated at source and stored in a manner that there can be no discharge of contamination to the environment. On-site waste bins will be in place to ensure waste is properly managed and stored prior to removal and disposal to the Karibib waste disposal site. Hazardous and hydrocarbon waste includes but is not limited to the following: fuels, chemicals and lubricating oils. Hazardous waste such as oil filters and fuel residues will be cleaned up regularly.

1.6 CONSIDERATION OF ALTERNATIVES

Best practice environmental assessment methodology calls for consideration and assessment of alternatives to a proposed project. In a project such as this, it is difficult to identify alternatives to satisfy the needs of the proposed Project.

Extension 4 has been proposed for rezoning purposes; therefore, no other alternative site was considered as feasible. However, a thorough assessment for alternative land uses for the site or other appropriate site will be conducted, particularly in consultation and collaboration with selected stakeholders.

2 THE ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT PROCESS

The scoping plus assessment process for the proposed Project is being conducted by ECC and will be undertaken in terms of the EMA and the Regulations of 2012. The process followed is set out in the flowchart in Figure 3.

ECC has been contracted by the Proponent as the independent EAP to facilitate the screening, scoping and impact assessment process of the proposed Project. The proposed development is a listed activity in terms of the EMA and the 2012 Regulations; therefore, an environmental clearance certificate is required prior to Project development.

A final decision relating to the above-mentioned application will be made by the Ministry of Industries, Mines and Energy (MIME) (the competent authority) in consultation with the Ministry of Environment, Forestry and Tourism (MEFT): Department of Environmental Affairs and Forestry (DEAF).

The environmental scoping and impact assessment process will include:

1. Screening phase, which includes determining whether the proposed Project is a listed activity and whether an environmental clearance certificate is required (completed);
2. Scoping phase, which includes baseline studies and the development of the terms of reference (ToR), identifying specialist studies and consultation with key stakeholders and I&APs (in process); and
3. Assessment phase, which includes the following:
 - Impact prediction utilising ECC methodology and evaluation of alternatives;
 - Determining and assigning mitigation measures;
 - Developing monitoring and conceptual rehabilitation plans;
 - This phase culminates in the drafting of the scoping plus impact assessment report and draft the ESMP;
 - Public review of the draft scoping plus impact assessment report and draft ESMP; and
 - Submission to the appropriate competent authority (MIME) and MEFT for review and RoD (future phase).

The main objectives of the scoping plus impact assessment process are to:

- a) Provide information describing the proposed Project and associated activities;
- b) Provide an independent environmental and social assessment of the activities associated with the proposed Project; and

Develop management and mitigation measures associated with any identified potential impacts, where necessary.



PUBLIC PARTICIPATION

Figure 3 - Flowchart of the environmental and social assessment process

2.1 SCREENING

A review of the proposed Project was undertaken and the screening findings against the listed activities was conducted. The findings are summarised in Table 1.

Table 1- Listed activities triggered by the proposed Project

Listed activity	Screening finding and relevance to the Project
Energy generation, transmission and storage activities (1.) The construction of facilities for: (a) The generation of electricity. (b) The transmission and supply of electricity.	– Diesel generators will be used during the construction phase.
Waste management, treatment, handling, and disposal activities (2.3) The import, processing, use and recycling, temporary storage, transit or export of waste.	– Ablution facilities will be constructed as part of the operational infrastructure of the fuel service station. The ablution facilities will be connected to the town's wastewater drainage systems. – Temporary chemical/portable toilets will be used during the construction phase. – Waste bins will be in place to ensure proper collection and management of general waste (e.g. food waste from the kitchen, food packaging and customer litter), recyclable waste and hazardous and hydrocarbon waste streams.
Hazardous substance treatment, handling and storage (9.4) The storage and handling of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location. (9.5) Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.	– The proposed Project primarily involves the construction and operation of a fuel service station, along with other associated infrastructure such as a retail shop, food takeaway outlet and carwash facility. – Petrol and diesel will be stored in underground storage tanks. In terms of the Petroleum Act, No. 13 of 1990 and its Regulations of 2000, a consumer installation certificate is required for bulk storage (below ground), handling and dispensing of fuel within a local authority. A fuel retail

Listed activity	Screening finding and relevance to the Project
	licence will also be required for the sale of fuel.

2.1.1 POTENTIAL ENVIRONMENTAL AND SOCIAL IMPACTS

The potential biophysical and social impacts should be considered with due regard to the nature and scale of the proposed Project. The potential environmental and social impacts from construction and operation of the Project that have been anticipated may include the following:

- Potential impacts on community severance and disruption of social interactions;
- Potential failure of waste management systems leading to pollution;
- Potential alteration of the baseline visual environment;
- Potential noise generation;
- Potential deterioration of air quality;
- Potential petroleum spills and leakages from underground fuel storage tanks leading to contamination of soils, surface water and groundwater resources;
- Potential disturbance of the soil profile and potential for soil contamination and compaction;
- Potential disturbance of biodiversity (flora and fauna);
- Potential for market competition;
- Potential disturbance to heritage objects/artifacts; and
- Potential for the socioeconomic benefits such as job creation, skills development and local economic development.

2.1.2 DRAFT ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

An ESMP shall be developed for the proposed Project setting out auditable management actions to ensure careful and sustainable management measures are implemented for their activities in respect of the surrounding environment and community. The ESMP becomes the legally binding commitments upon approval of the ESMP and issuing of the environmental clearance certificate. Generally, environmental clearance certificates are issued for a period of three (3) years and renewal is subject to compliance with the provisions and conditions of the environmental clearance certificate.

3 THE WAY FORWARD – PUBLIC PARTICIPATION

Public participation is an important part of the ESIA process. It allows you, the public and stakeholders to raise concerns or provide valuable local environmental knowledge that can benefit the assessment process, as well as aid the planning process for the scoping phase of the defined assessment process. At this phase ECC will perform the following:

- Prepare and submit the application for the environmental clearance certificate in the prescribed manner.
- Identify relevant key stakeholders, authorities, municipalities, environmental groups and I&APs.
- Conduct a public consultation process in accordance with Regulation 21 of the EMA including:
 - o Distribute the BID for the proposed Project (this document);
 - o Advertise the environmental application and call for registration of I&APs in three (3) national newspapers for two consecutive weeks; and
 - o Maintain an I&AP register and record all comments from I&APs and present such comments, as well as responses provided by ECC throughout the process, in the comments and responses report (addendum report), which will be included in the scoping plus impact assessment report that shall be submitted with the application for a RoD.
- Prepare a draft scoping plus impact assessment report and draft ESMP and provide same to registered I&APs for review and commentary.
- Submit the final scoping plus impact assessment report and final ESMP to the competent authority (MIME) and Environmental Commissioner (MEFT: DEAF) for a RoD.

Your request for registration as an I&AP, as well as any comments on the BID or Project, must be submitted in writing and can be emailed using the details in the contact section below. Registration as an I&AP for the Project can be completed online on ECC's website on the projects page, or by using this link:

Registration as an I&AP should be submitted on or before 23 April 2026.

We welcome any enquiries regarding this document and its content. Please contact:

Environmental Compliance Consultancy (ECC)

info@eccenvironmental.com

Tel: +264 816 697 608

www.eccenvironmental.com

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