

ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC) **AMENDMENT - UPDATED ENVIRONMENTAL MANAGEMENT PLAN (EMP) FOR THE:**

**OPERATION OF A COPPER SMELTER & ELECTROWINNING PLANT AT WITVLEI
–OMAHEKE REGION**

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DOCUMENT INFORMATION

Title: **Amendment** of an Environmental Clearance Certificate (ECC) for the Operation of a Copper Smelter & Electrowinning Plant at Witvlei –Omaheke Region

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ACRONYMS

TERMS	DEFINITION
BID	Background Information Document
CPC	Cuvepalm Consulting cc
EAP	Environmental Assessment Practitioners
ECC	Environmental Clearance Certificate
ECO	Environmental Control Officer
EIA (R)	Environmental Impact Assessment (Report)
ESIA	Environmental and Social Impact Assessment
EMP	Environmental Management Plan
EMPr	Environmental Management Plan Report
GHGs	Greenhouse Gasses
ISO	International Organization for Standardization
I&Aps	Interested and Affected Parties
MAWF	Ministry of Agriculture Water and Forestry
MEFT: DEA	Ministry of Environment Forestry and Tourism’s Directorate of Environmental Affairs
NHC	National Heritage Council
NHIG	New horizon Investment Group
ToR	Terms of Reference
UNFCCC	United Nations Framework Convention on Climate Change

DEFINITION OF TERMS

The **‘Consultant’** – this refers to the team that is conducting the ESIA and the preparation of the EMP for the development

The **‘Proponent’** – this refers to the institutions/departments that are directly involved in the implementation of the project, i.e. NHIG/Global Smelters.

The **‘Stakeholders’** – this refers to the people, organisations, NGOs that are directly or indirectly affected and interested by the project.

The **‘Environment’** – this refers to the ecology, economy, society and politics.

i. Purpose of this Environmental Management Plan (EMP)

This document has been compiled in line with Regulation 8 of the Environmental Management Act (EMA) No. 7 of 2007 and its Environmental Assessment Regulations (2012) that requires that a draft Environmental Management Plan (EMP) be included as part of the Scoping Assessment process. A 'management plan' is defined as:

"...a plan that describes how activities that may have significant environments effects on the environment are to be mitigated, controlled and monitored."

An EMP is one of the most important outputs of the Environmental Assessment (EA) process as it synthesises all of the proposed mitigation and monitoring actions, set to a timeline and with specific assigned responsibilities. It provides a link between the impacts identified in the EIA Process and the required environmental management on the ground during project implementation and operation.

It is important to note that an EMP is a legally binding document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine. This EMP is a living document and should be amended to adapt to address project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of this document is therefore to guide environmental management throughout the different phases of the proposed Witvlei Copper Smelter, namely; planning and design, construction, operational and maintenance phases. This EMP will have to be effectively implemented by the Proponent, Facility Operator, their engineers and contractors, to ensure that adverse environmental impacts are properly managed. The management of these impacts will be done by effective implementation of the management measures and subsequent implementation monitoring.

NB: This document has been developed in conjunction with the project feasibility study and environmental scoping report (ESR). Therefore, it is highly recommended that this EMP is studied or used together with these two documents, but especially the project ESR for further information that may be required to fully understand the EMP, if needed.

1. CHAPTER ONE: INTRODUCTION AND BACKGROUND

1.1. Project Background and Location

The proponent, New Horizon Investment Group (NHIG) is an indigenous Namibian enterprise that is involved in the mining sector since 2010. The company has identified potential copper deposits in Witvlei area. In this respect NHIG is in the process of planning bulk mineral exploration activities and potential copper mining activities. In this respect, a copper smelting plant is required for testing and smelting in proximity to the resource base.

In this respect, NHIG identified a need to establish and operate a copper smelting plant in the Witvlei area. The Witvlei Village Council allotted (Annexure) an industrial zoned erf subject to NHIG meeting relevant statutory requirements. However, It is standard procedure and pre-requisite under the Environmental Management Act No.7 of 2007 and the Environmental Impact Assessment Regulations (GN 30 in GG 4878 of 6 February 2012 that the proponent (in this case NHIG) to first undertake an Environmental Impact Assessment, which is submitted to the Ministry of Mines And Energy (MME) and the Ministry of environment, Forestry and Tourism: Department of environmental Affairs (MEFT: DEA) for review.

Furthermore, as per the requirements of the Environmental Management Act No. 7 of 2007, Cuvepalm Consulting cc (CPC) were appointed by NHIG on 18 February 2021 to conduct an Environmental and Social Impact Assessment (ESIA) and develop an Environmental & Social Management Plan (ESMP) for the proposed project.

This has been followed by an application for Environmental Clearance Certificate (ECC) to the Ministry of Environment and Tourism (MET): Directorate of Environmental Affairs (DEA).

Subsequently, this document forms part of the application to be made to the DEA's office for an Environmental Clearance certificate for the proposed construction and operation of a copper smelting plant, in accordance with the guidelines and statutes of the Environmental Management Act No.7 of 2007 and the environmental impacts assessment regulations (GN 30 in GG 4878 of 6 February 2012).

1.2. Project Location

The smelter will be sited on Portion A of Farm Okatjirute No. 155, Witvlei. The site can be accessed by a 2 km road turn off from the National Road No. B 6 linking Windhoek and Gobabis.

Adjacent to project is the Witvlei Meat Abattoir, and the Namchar Charcoal Processing Plant. The site is zoned industrial and there are no household residents in immediate proximity to the site. The map below (Fig 1) and illustrate the a locality of the project area: