

BACKGROUND INFORMATION / XARIS POWER PLANT COMPONENTS

INTRODUCTION

Xaris Energy Namibia (Pty) Ltd (the proponent) received environmental clearance to construct and manage an Open Cycle Gas Turbine (OCGT) Power Plant on 40 hectares of land in Walvis Bay, Namibia. The power plant initially will be sized to be able to yield 300MW of base load power to the national grid of Namibia.

The three EIAs assessed the LNG marine, LNG pipeline, and LNG power plant site components of the project that will supply natural gas to the Power Plant

Public consultation followed the guidelines of IFC and Namibian law. Three meetings were held in Windhoek and Walvis Bay and were well attended. A significant amount of comments were received and considered all three EIAs of the overall project.

The impact assessment showed that there are no impacts that rate high or that cannot be managed to acceptable levels. The impacts cover the fields of:

Marine pollution.

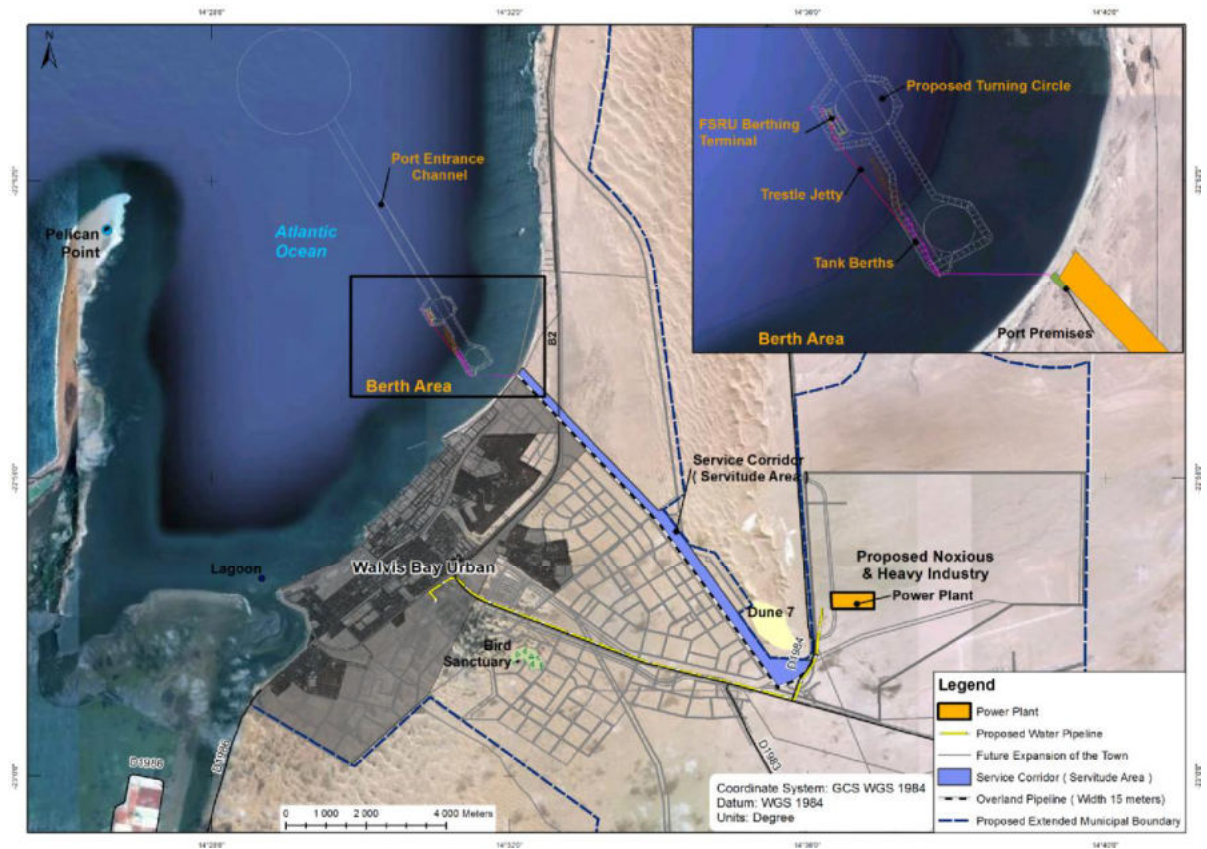
Marine biodiversity.

Noise and air pollution as well as other minor disturbances.

Impact on birds.

Economic and social impacts.

Health and safety.



Project Component	Approximate Position	Lat	Long
LNG Marine Berth		-22.908609	14.52198
LNG Pipeline	@ Marine site	-22.910345	14.535567
	@ Intermediate	-22.941348	14.565441
	@ Sekelduin	-22.974887	14.590440
	@ D1984 crossing	-22.969477	14.600845
	@ LNG Power Plant	-22.963132	14.605909
LNG Power Plant	North/East corner	-22.959493	14.614328
	South/East corner	-22.963367	14.614322
	South/West corner	-22.963066	14.604745
	North/West corner	-22.959448	14.604554

Figure A: Locality of the proposed overall project