

EZELSJACHT WIND ENERGY FACILITY CIVIL AVIATION COMPLIANCE STATEMENT

Prepared for: Mainstream Renewable Power Developments South
Africa (Pty) Ltd

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Ezelsjacht Wind Energy Facility Civil Aviation Compliance Statement

1. INTRODUCTION

South Africa Mainstream Renewable Power Developments (Pty) Ltd (“Mainstream”) is proposing to develop, own and operate one (1) Wind Energy Facility (WEF), Battery Energy Storage System (BESS), and associated infrastructure with a generation capacity of up to 140 megawatts (MW) (Figure 1-1).

In order to evacuate the energy generated by the WEF to supplement the national grid, Mainstream is also proposing an electrical grid infrastructure (EGI)/grid connection project which will be assessed in a separate Basic Assessment Processes (i.e. EGI for WEF). The proposed WEF site is located approximately 13 km south-east of the town De Doorns, within the Cape Winelands District Municipality of the Western Cape Province. The site proposed for the WEF component falls within both the Breede Valley and the Langeberg Local Municipalities.

Table 1-1: Summary Details for Ezelsjacht WEF

Applicant	Project Name	Capacity (MW)	Affected Property
South Africa Mainstream Renewable Power Developments (Pty) Ltd	Ezelsjacht Wind Energy Facility (WEF)	140 MWac	Portion 1 of Farm De Braak No. 7
			Portion 6 of the Farm Ratelbosch No.149
			Farm Zout Riviers No. 170
			Remainder of Farm Ezelsjacht No. 171

The overall objective of the proposed development is to generate electricity by means of renewable energy technologies capturing wind energy to feed into the national grid.

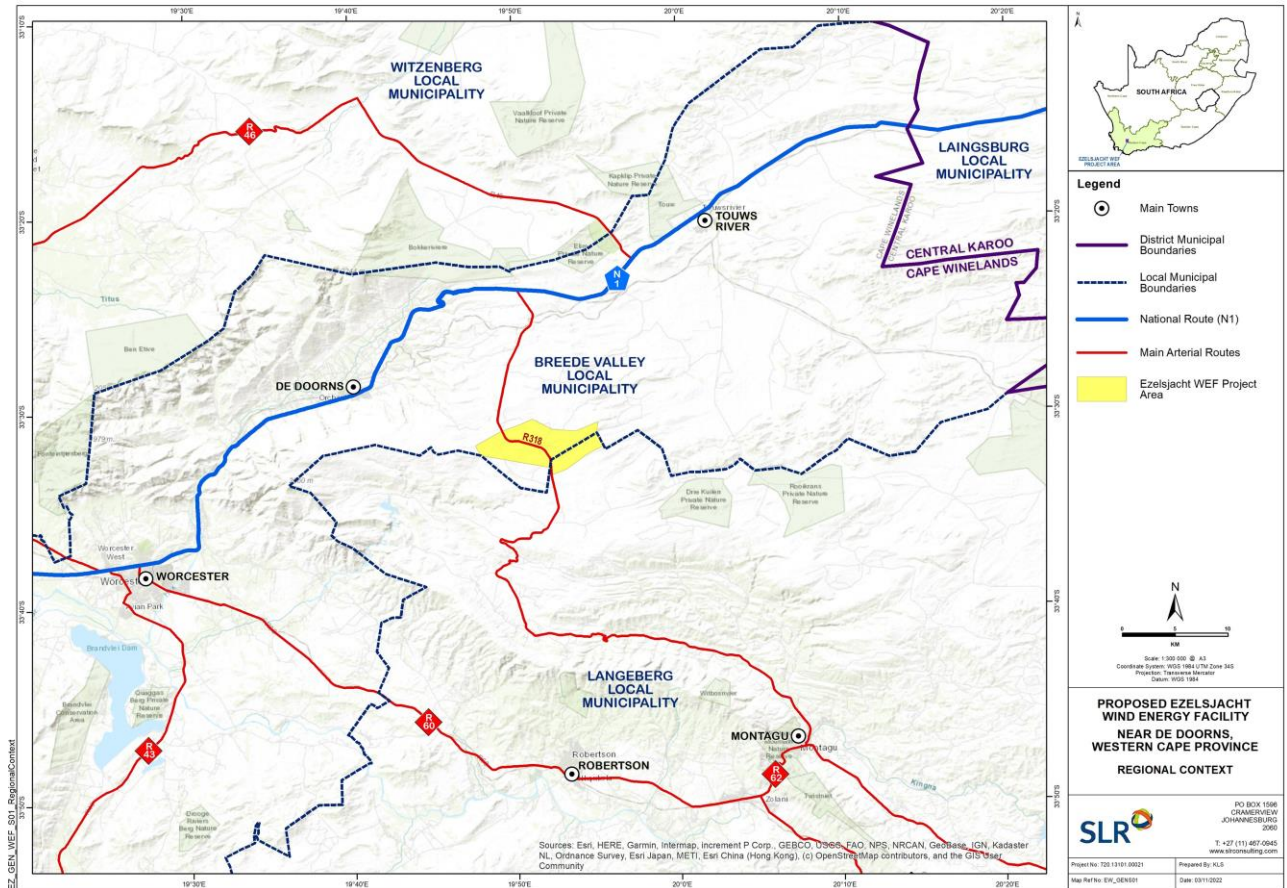


Figure 1-1: Regional Setting Map of the proposed Ezelsjacht WEF

2. SCREENING TOOL ASSESSMENT

According to the Screening Report generated using the Department of Forestry, Fisheries and the Environment (DFFE) national web based environmental screening tool, the project site is deemed to have a ‘medium’ and ‘high’ sensitivity with respect to civil aviation installations (since it is within 8km of a civil aviation aerodrome and Between 8 and 15 km of other civil aviation aerodrome) and the overall rating of ‘High’. In accordance with the protocol for the specialist assessment and minimum report content requirements for environmental impacts on civil aviation installations (Government Notice No. R 320 of 20 March 2020), where a site is identified as having a *very high, high, or medium sensitivity* for the civil aviation theme, a Civil Aviation Compliance Statement must be compiled and submitted for consideration by the Competent Authority. Thus, this Civil Aviation Compliance Statement has been prepared for the proposed Ezelsjacht Wind Energy Facility (WEF).

In accordance with the protocol a map showing the proposed development footprint overlaid on the civil aviation sensitivity map generated by the screening tool is provided in Figure 2-1 below.

MAP OF RELATIVE CIVIL AVIATION (WIND) THEME SENSITIVITY

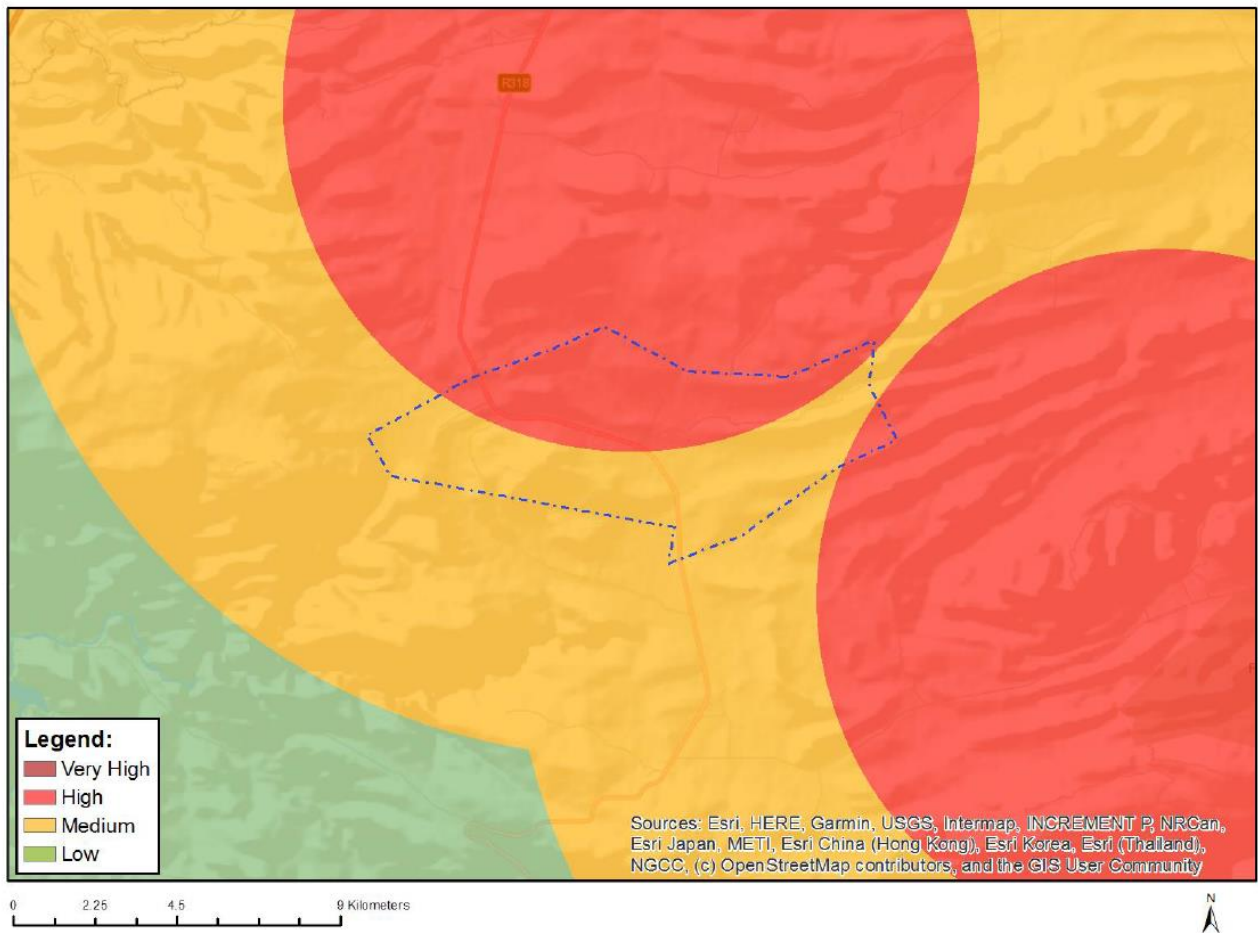


Figure 2-1: The proposed project in relation to the civil aviation sensitivity map generated by the DFFE national screening tool

3. SENSITIVITY VERIFICATION

This Site Sensitivity Verification undertaken by the Environmental Assessment Practitioner (EAP), considers the project site to have an overall sensitivity rating of 'medium' rather than 'high'. The rationale for this is that the closest facility is a dirt airstrip located 5 km away on a small farm and the proposed project will not result in significant impacts to a civil aviation aerodrome.

Other airfields located less than 50km from the site are as follows:

- De Doorns Airstrip (14km);
- Unamend Airstrip (+/- 8.7km);
- Robertson Airfield FARS (+/-31km); and
- Ceres Airfield FACE (+/- 43km).

Figure 2-1 below shows any Airport Facilities which are located within an up to 50 km radius from the project site. Two private landing strips (shown in red) are located within 8km of the site and will require further consultation with the landowner.

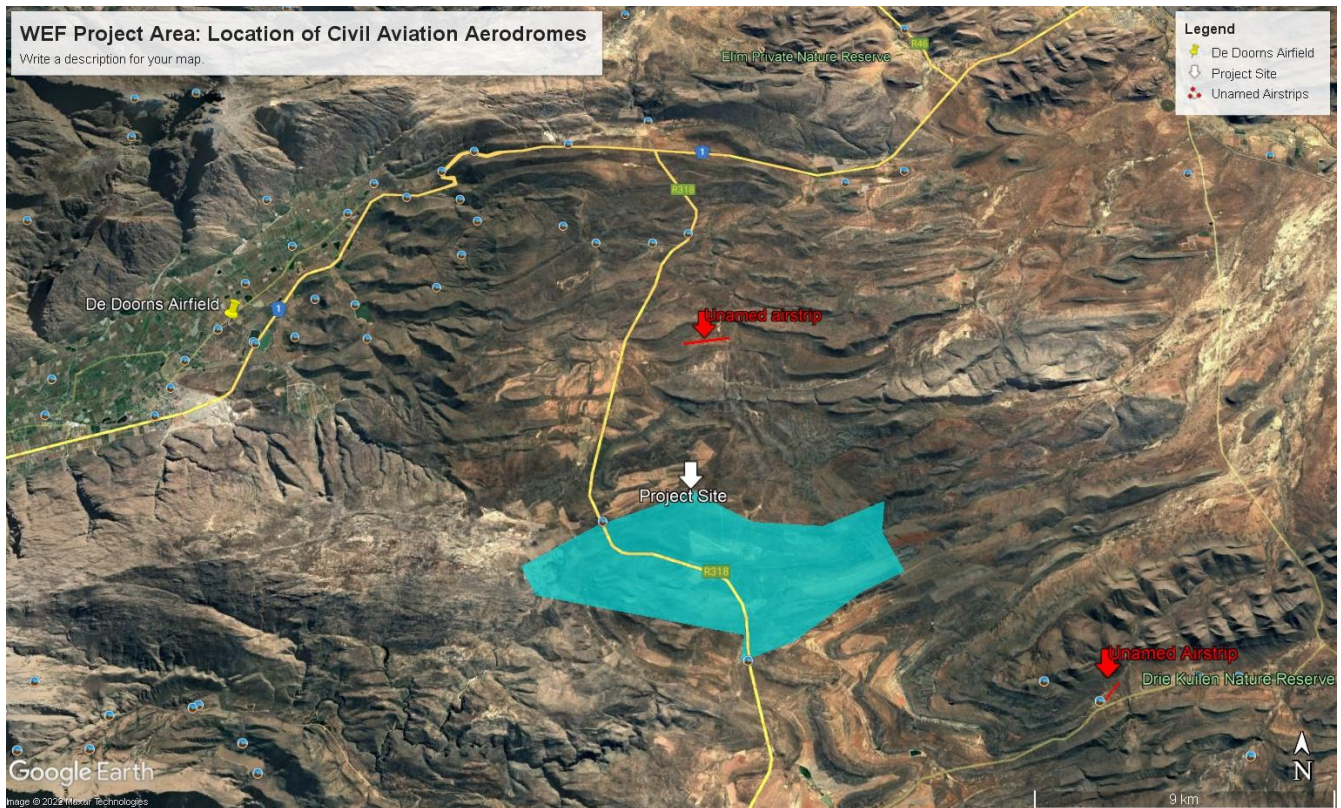


Figure 3-1: The proposed project in relation to known civil aviation installations (adapted from data De Doorns airfield - aeroplanez sa).

The South African Civil Aviation Authority (SACAA) has been identified as a key stakeholder on the project database and will be afforded an opportunity to provide comments of the Scoping Report during the 30-day review and comment period. Should additional requirements be requested, these will be addressed in the EIA phase of the project.

The development will not have an unacceptable negative impact on civil aviation installations. The CAA will continue to be notified of the application process and afforded the opportunity to raise comment which can further confirm / dispute the findings of the screening tool.

Note: "Air Traffic and Navigation Services (ATNS) has been appointed as the Obstacle application Service Provider for Windfarms on 1 May 2021. They will be also responsible for Solar Obstacle Applications from the 1st of February 2022. All new Solar applications must be lodged to obstacles@atns.co.za or contact Graham Mondzinger (Obstacle Evaluator) at 062 002 1621.

Their responsibility would pertain to the assessments, maintenance, and all other related matters in respect to Windfarms and Solar assessments"

RECORD OF REPORT DISTRIBUTION

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