



# forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

## **APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**

Application submitted for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

### **PROJECT TITLE (This must include local municipality and/or district municipality and province)**

**Application for Environmental Authorisation for the Proposed Development of the ABO Ndau Solar Energy Facility 2 and Associated Infrastructure, located within the Polokwane Local Municipality and Capricorn District Municipality, Limpopo Province.**

|   |   |
|---|---|
| Indicate if the <b>DRAFT</b> report accompanies the application (tick/select one box) | YES <input type="checkbox"/>                  |
|   | <b>NO</b> <input checked="" type="checkbox"/> |

### **PRE-APPLICATION CONSULTATION**

|   |  |                             |
|---|--|-----------------------------|
| Was a pre-application meeting held  | <b>YES</b> <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| Date of the pre-application meeting   | <b>17 March 2023</b>                           |                             |
| Reference number of pre-application meeting held  | <b>2023-02-0024</b>                            |                             |
| Were minutes compiled and submitted to the Department for approval  | <b>YES</b> <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| A copy of the approved pre-application meeting minutes must be appended to this application as <a href="#">APPENDIX 1</a> . |  |                             |



**Batho pele-** putting people first

The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

**IMPORTANT INFORMATION BEFORE COMPLETING THIS APPLICATION FORM:**

**1. General:**

- 1.1. The appointed environmental assessment practitioner (EAP) **must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA)** in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended. Proof of such valid registration must be appended to this Application form. ([APPENDIX 6B](#)). This will be confirmed by the Competent Authority (CA) on the EAPASA website.
- 1.2. The EAP candidate may only **assist** the registered EAP and work under the supervision of a registered EAP (Regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended). The registered EAP takes full responsibility for the work conducted.
- 1.3. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Assessment Reporting where the Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority (CA).
- 1.4. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
- 1.5. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
- 1.6. This application form is current as of August 2023. It is the responsibility of the Applicant/Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are accessible at <https://www.dffe.gov.za/documents/forms/legal>
- 1.7. The onus is on the Applicant/EAP to confirm whether DFFE is the Competent Authority to which this application must be submitted (Section 24C of NEMA) and to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
- 1.8. An application for Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
- 1.9. An application for environmental authorisation **must** be accompanied by a report generated by the web based environmental screening tool (in [APPENDIX 14](#)). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(b)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.
- 1.10. If applicable, written confirmation that the CA has granted permission for the combination of application(s) for an environmental authorization in terms of the provisions of sub-regulation 11(1) of the EIA Regulations, 2014, as amended, must be attached to this application form (under [APPENDIX 15](#)).

**2. Administrative Requirements:**

- 2.1. An application fee is applicable (refer to 2. FEES). Proof of payment **must** accompany this application and be paid **prior** to the submission of this Application form ([APPENDIX 2](#)). The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable **AND** such information in the exclusion section of this application form has been confirmed by this Department.
- 2.2. A cover letter on your company letterhead indicating the nature of this application **must** be appended to this form for e.g. new application for Environmental Authorisation, revised updated application for Environmental Authorisation etc.
- 2.3. An electronic copy of the signed application form must be submitted of both the Applicant and EAP and the signature should not be older than 4 months. The relevant form(s) can be found on our website <https://www.dffe.gov.za/documents/forms/legal>

- 2.4. This form must be submitted to the CA in the format as prescribed in the process to upload documents form. Note, that this CA does not accept hard copy documents since June 2020.
- 2.5. Where required, select the box required. The empty box, once selected, will replace with a .
- 2.6. The use of the phrase “not applicable” in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the application being considered as incomplete as provided for in the EIA Regulations.
- 2.7. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted. The form can be found on our website <https://www.dffe.gov.za/documents/forms/legal>
- 2.8. Please note that this form must be copied to the relevant Provincial Environmental Department(s). Ensure that correct details are found/confirmed/provided.

### Competent Authority Details

Online Submission only:

<https://sfiler.environment.gov.za:8443/>.

Click <https://www.dffe.gov.za/documents/forms/legal> for guidance document which must be complied with in order to upload/submit files to this Competent Authority.

#### Physical address:

Department of Forestry, Fisheries and the Environment  
Attention: Chief Director: Integrated Environmental Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia

For Submission enquiries: Contact the Directorate: IEA Strategic Support, Coordination and Reporting at:  
Email: [EIApplications@dffe.gov.za](mailto:EIApplications@dffe.gov.za)

For EIA related implementation queries:  
Email: [EIAdmin@dffe.gov.za](mailto:EIAdmin@dffe.gov.za)

For EIA Related Interpretation queries in terms of the Listed Activities:  
Email: [IQ@dffe.gov.za](mailto:IQ@dffe.gov.za)

For SIP confirmation, please contact the SIP coordinator at the below contact details:

- Mr Alvino Wildschutt-Prins  
Programme Manager: Infrastructure Pipeline Development & Management  
SIP Programme Management Office  
Cell: 072 650 2249  
Email: [alvino@presidency.gov.za](mailto:alvino@presidency.gov.za)
- Mr Avik Singh, Infrastructure Project pipeline (SIP Support)  
[AvikS@jdc.co.za](mailto:AvikS@jdc.co.za)

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## DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

### 1. COMPETENT AUTHORITY

|  |   |
|--|---|
| Identified Competent Authority to consider the application:  | Department of Forestry Fisheries and the Environment  |
| Reason(s) in terms of S24C of NEMA:                          | <p><b>Government Notice No. 779 (in GG 40110 of 1 July 2016) of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) identifies the Minister as the Competent Authority in instances where the activities are related to the Integrated Resource Plan (IRP) 2010-2030.</b></p> <p><b>The IRP 2010-2030 is a plan, among others, through which commitments to the United Nations Framework Convention on Climate Change (UNFCCC) regarding CO<sub>2</sub> mitigation action are being implemented. The 2010 – 2030 IRP for electricity generation identifies the diversification of the energy mix and the balance between renewable and non-renewable energy sources.</b></p> <p><b>The proposed development is a large scale solar photovoltaic (PV) facility to generate renewable electricity and is in direct response to the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP), as established by the Department of Energy under the IRP. Therefore, as per Government Notice No. 779 the DFFE is the Competent Authority.</b></p> |
| Attach proof of Section 24 C (3) agreement, where applicable | Proper motivation must be attached to the application ( <a href="#">APPENDIX 15</a> )   |

### 2. FEES

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof of payment or a motivation for exclusions must be attached as [APPENDIX 2](#) of this application form.

|  |   |  |
|--|---|--|
| Proof of payment attached  | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>            |
| Payment Reference Number   | <b>-24.023292 / 29.215833</b>           |  |
| Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 (Fee Regulations) | YES <input type="checkbox"/>            | NO <input checked="" type="checkbox"/> |

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

|  |  |
|--|--|
| <b>TYPE OF EXCLUSION</b>   | Tick where applicable.<br>Proper motivation must be attached to the application ( <a href="#">APPENDIX 2</a> ) |
| The activity is a community based project funded by a government grant | <input type="checkbox"/>   |
| The applicant is an organ of state                                     | <input type="checkbox"/>   |
| <b>FEE AMOUNT</b>  | <b>Fee</b>   |

## DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

|   |         |                                     |
|---|---------|-------------------------------------|
| Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations | R2 000  | <input type="checkbox"/>            |
| Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations           | R10 000 | <input checked="" type="checkbox"/> |

Department of Forestry, Fisheries and the Environment banking details for the payment of application fees:

|   |
|---|
| <p><b>Payment/Refund Enquiries:</b><br/>Email: <a href="mailto:EIAAdmin@dfpe.gov.za">EIAAdmin@dfpe.gov.za</a></p> <p><b>Banking details:</b><br/>Bank ABSA Bank<br/>Branch code 632005<br/>Account number 1044 2400 72<br/>Account Type Current account</p> <p><b>Reference number:</b> Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude<br/>e.g. -33.918861/18.423300</p> <p><b>Status:</b> Tax exempted</p> |
|---|

### 3. GENERAL INFORMATION

**PROJECT TITLE (This must include local municipality and/or district municipality and Province)**

**Application for Environmental Authorisation for the Proposed Development of the ABO Ndau Solar Energy Facility 2 and Associated Infrastructure, located within the Polokwane Local Municipality and Capricorn District Municipality, Limpopo Province.**

|  |   |
|--|---|
| <b>Title</b>   | <b>Ms.</b>  |
| <b>Name of the Applicant</b>                                       | <b>Zandri</b>   |
| <b>Surname of the Applicant</b>                                    | <b>Hill</b>   |
| Name of contact person for applicant (name and surname) (if other) | <b>Zandri Hill</b>  |
| Company/ Trading name (if any)                                     | <b>ABO Ndau Solar Energy Facility 2 (Pty) Ltd</b>   |
| Company Registration Number  | <b>2023/594100/07</b>   |
| Physical address   | <b>Unit B1, Mayfair Square, Century Way, Century City, Western Cape</b>   |
| Postal address   | <b>Unit B1, Mayfair Square, Century Way, Century City, Western Cape</b>   |
| Postal code  | <b>7441</b>   |
| Telephone  | <b>021 276 3620</b>   |
| Cellphone  | <b>076 104 1372</b>   |
| E-mail   | <b><a href="mailto:Zandri.Hill@abo-wind.com">Zandri.Hill@abo-wind.com</a>; <a href="mailto:capetown@abo-wind.com">capetown@abo-wind.com</a></b> |

|                                 |  |
|---------------------------------|--|
| <b>Name of the Landowner</b>    | <b>Macario Property Investments cc-(Please refer to Appendix 3 for a list of landowners)</b> |
| <b>Surname of the Landowner</b> | <b>Carlo Snyman</b>  |
| Postal address                  | <b>Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12</b>                         |

**DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**

|             |   |
|-------------|---|
|             | <b>Remaining Extent of Portion 2 of the Farm Rotterdam No. 12</b><br><b>Remaining Extent of Farm Rietvley No. 13 (access road only)</b><br><b>Portion 19 of Farm Rietvley No. 13 (access road only)</b> |
| Postal code | N/A   |
| Telephone   | N/A   |
| Cellphone   | 083 504 7468  |
| E-mail      | <a href="mailto:carlosnyman44@gmail.com">carlosnyman44@gmail.com</a>  |

|   |   |
|---|---|
| <b>Name of the Person in control of the land</b>    | <b>Macario Property Investments cc- (Please refer to Appendix 3 for a list of landowners)</b>   |
| <b>Surname of the Person in control of the land</b> | <b>Carlo Snyman</b>   |
| Postal address                                      | <b>Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12</b><br><b>Remaining Extent of Portion 2 of the Farm Rotterdam No. 12</b><br><b>Remaining Extent of Farm Rietvley No. 13 (access road only)</b><br><b>Portion 19 of Farm Rietvley No. 13 (access road only)</b> |
| Postal code   | N/A   |
| Telephone   | N/A   |
| Cellphone   | 083 504 7468  |
| E-mail  | <a href="mailto:carlosnyman44@gmail.com">carlosnyman44@gmail.com</a>  |

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as [APPENDIX 3](#).

Unless the application is in respect of linear activities or Strategic Infrastructure Projects as contemplated in the Infrastructure Development Act (Act No. 23 of 2014) and Regulation 39 of the EIA Regulations, 2014, as amended, written consent of landowner/s must be submitted in [APPENDIX 3](#).

The signed declaration undertaking by the applicant must be submitted as [APPENDIX 4](#) (must not be older than 4 months).

|  |  |
|--|--|
| <b>Provincial Environmental Authority:</b>                         | <b>Limpopo Department of Economic Development, Environment and Tourism (LEDET)</b> |
| Name of contact person in Environmental Section (name and surname) | <b>Ms. Juliet Mukhari</b>  |
| Postal address   | <b>20 Hans van Rensburg street, Polokwane, 0700.</b>                               |
| Postal code  | <b>0700</b>  |
| Telephone  | <b>015 293 8300</b>  |
| Cellphone  | <b>082 947 7783</b>  |
| E-mail   | <a href="mailto:mukhari.gavazaj@limpopo.gov.za">mukhari.gavazaj@limpopo.gov.za</a> |

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Local Municipality</b> | <b>Polokwane Local Municipality</b> |
|---------------------------|-------------------------------------|

## DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

|  |  |
|--|--|
| Name of contact person in Environmental Section (name and surname) | <b>Mr. Walter Matumba</b>  |
| Postal address   | <b>Polokwane Game Reserve, Opposite Pietersburg Civil Aerodrome, Silicon Rd, Polokwane, 0699</b> |
| Postal code  | <b>0699</b>  |
| Telephone  | <b>015 290 2332</b>  |
| Cellphone  | <b>083 665 4650</b>  |
| E-mail:  | <a href="mailto:WalterM@polokwane.gov.za">WalterM@polokwane.gov.za</a>                           |

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/ Provincial Authorities with their contact details as [APPENDIX 5](#). Ensure that the details provided above are verified and valid.

#### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

|   |  |
|---|--|
| <b>Company of Environmental Assessment Practitioner (EAP)</b> | <b>Praxos 373 (Pty) Ltd</b>  |
| <b>EAP name and surname</b>                                   | <b>Richard Myburgh</b>   |
| EAP Qualifications and Professional affiliations              | <b>BSc (Hons) Geography;<br/>EAPASA Reg. EAP: 2019/1037</b>                          |
| Physical address  | <b>31 Saint Margaret Street, Hurlyvale, Edenvale, 1611</b>                           |
| Postal address  | <b>31 Saint Margaret Street, Hurlyvale, Edenvale, 1611</b>                           |
| Postal code   | <b>1611</b>  |
| Telephone   | <b>011 453 8727</b>  |
| Cellphone   | <b>067 408 4795</b>  |
| E-mail  | <a href="mailto:Richard.Myburgh@praxos373.co.za">Richard.Myburgh@praxos373.co.za</a> |

In terms of section 24H of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), and the S24H Regulations as amended:

|  |   |                                      |
|--|---|--------------------------------------|
| Are you a registered environmental assessment practitioner, registered with EAPASA in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.  | <b>YES* <input checked="" type="checkbox"/></b> | <b>NO** <input type="checkbox"/></b> |
| If “No**” provide proof of appointment letter clearly depicting appointment before the 08 August 2022 as per GNR 1733, Amendment of Section 24H Registration Authority Regulations, 2016, 7 February 2022. If you do not attach this proof, you may not commence further with the application, kindly refer to Section 24H Registration Authority Regulations, 2016, as amended. | Attached as <a href="#">APPENDIX 6A</a>         |                                      |
| If “Yes*” please provide a <b>valid</b> certificate of registration (Please attach under <a href="#">APPENDIX 6B</a> ) Note that this will be verified with EAPASA.  | Attached as <a href="#">APPENDIX 6B</a>         |                                      |
| Please provide valid EAPASA Registration number.   | <b>Reg. EAP: 2019/1037</b>                      |                                      |

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 as amended and Regulation 15(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as [APPENDIX 6C](#).

#### 5. PROJECT DESCRIPTION



Please provide a **detailed** description of the project. Ensure to include all associated infrastructure related to the main facility (*note that the box will expand based on the text included*):

ABO Ndau Solar Energy Facility 2 (Pty) Ltd proposes the development of Ndau 2, a photovoltaic (PV) solar energy generation facility, of 80MW in capacity, and associated infrastructure located on Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 and Remaining Extent of Portion 2 of the Farm Rotterdam No. 12, 27 km south-west of Polokwane within the Limpopo Province.

Praxos373 (Pty) Ltd (Praxos) was appointed by the client, ABO Wind Renewable Energies (Pty) (ABO Wind) on behalf of the Applicant, ABO Ndau Solar Energy Facility 2 (Pty) Ltd, to undertake an Application for an EA subject to a Scoping and Environmental Impact Report (S&EIR) Process for the Proposed Development of the Ndau Solar Energy Facility 2, Polokwane Local Municipality, Capricorn District Municipality, Limpopo Province (hereafter referred to as the Proposed Development). The facility is not located within the International Strategic Transmission Corridor nor a Renewable Energy Development Zone (REDZ) and is not classified as an Electricity Grid Infrastructure (EGI). The proposed development project is large scale solar PV facilities to generate renewable electricity and is in response to the IRP and the REIPPPP as established by the Department of Energy.

Within the identified development area, a maximum development footprint has been defined in a manner which has considered the environmental sensitivities present on the affected properties and which intentionally remains beyond highly sensitive areas. The affected property will be considered in this S&EIR process (which includes the independent specialists' assessments) and assessed in terms of its suitability from an environmental and social perspective.

The Proposed Development is located outside an urban area and industrial complex with a current zoning that is agricultural in nature. A change in zoning will be required from agricultural to special use.

The Proposed ABO Ndau Solar Energy Facility 2 would comprise the following (to be located within a proposed maximum development footprint):

- Solar Field/Solar Arrays (Note that the foundations, mounting structures and module types will be confirmed during detail design, however, would remain within the proposed development footprint and be approximately 3.5m in height);
- Internal service roads (noting that existing farm roads will be used as far as possible, and that the maximum road width will be 8m);
- Two access roads (noting that existing farm roads/jeep tracks will be used as far as possible, and the maximum road width will be 10m);
- An on-site substation hub and associated infrastructure (such as substation, transformation infrastructure, collector infrastructure, step-up infrastructure, battery energy storage system etc.) including auxiliary buildings (such as operation & maintenance buildings, admin buildings, workshops, gatehouse, security building, offices, visitor centre, warehouses, etc.) contained within a 3-ha footprint; and
- A communications tower as part of the on-site substation hub with a maximum height of 32 m.

Associated infrastructure would include the following (to be located within the proposed maximum development footprint):

- Internal electrical reticulation (i.e., low- and medium voltage cables) to be placed underground where feasible; and
- Perimeter fencing.

A temporary laydown area would be established during the construction period but would be within the maximum development footprint which has been assessed i.e., within the fenced area allocated for development and beyond any identified no-go areas. The laydown area would move as required while construction is underway.

Two access points to site are proposed. The Proposed Development will be accessed from the east via an existing unnamed road. A new road to serve as a secondary access to the facility is also proposed.

This road would extend approximately 2 km southwards to an existing unnamed farm road. Existing roads will be utilised as far as reasonably possible and upgraded where necessary. The detailed design of the proposed access and road upgrade requirements will be as per the recommendations of the Transport Impact Assessment which is being undertaken as part of the S&EIR process.

In terms of connecting to the electricity grid, technical alternatives are available and application for grid connection will be made through a separate process and assessed accordingly.

The operations of the Proposed Development would require some servicing, noting that the operational electrical requirements would be nominal and would be supplied by the facility.

Water would be required for sanitation by operational staff, for washing of solar panels and for dust control on internal roads (where necessary). Water would preferably be sourced from the local municipality in terms of a Service Level Agreement established between the Municipality and the facility. A non-binding confirmation of capacity from the LM will be requested by the applicant in June 2023, with the view to have the confirmation in hand at draft EIR stage. If this is not possible, then other options for water supply will be investigated such as sourcing water commercially. Where required, a storage tank (i.e., Jo-Jo tank) of up to approximately 10,000L may be used on site for temporary water storage.

Sanitation requirements would be minimal, given that there would only be a small staff complement during the operations of the Proposed Development. Sanitation for auxiliary buildings would be connected to the existing municipal sewage system. If the Municipality does not approve, or have capacity for such a connection, sewage would be stored in a conservancy tank and collected either by a honey-sucker truck or by a service provider for treatment at a licensed disposal site. Alternatively, a standalone system would be used (i.e., porta-loos) which would be regularly serviced by an independent contractor. Note that it is not intended to make use of soakaways or on-site treatment solutions.

No bulk service infrastructure is proposed and any required pipelines to connect to the municipal network will be located within roadway.

Refuse/solid waste (i.e., non-hazardous) produced on site would also be minimal (approximately two wheelie bins per week are anticipated) and would ideally be removed by the Municipality, however, if this is not possible, the Proposed Development would employ private contractors to remove the refuse and dispose of it appropriately.

There are no specific stormwater and/or landscaping initiatives proposed as part of the Proposed Development at this stage, but any interventions prescribed by the relevant specialist/s through the environmental impact assessment process would be implemented.

Water and sanitation requirements during the construction phase will be the primary responsibility of the appointed Contractor. It would be preferable for water to be sourced from the local Municipality, if available, with alternative arrangements to be made where required (for example transporting water to site with trucks). Solid waste produced during construction would be managed in accordance with the specifications of the site-specific Environmental Management Programme (EMPr).

**Alternatives:**

The proposed development as described above has been assessed with the following alternatives:

1. Layout: Two alternative positions for the on-site substation hub and adjoining auxiliary buildings are under consideration.
2. Technology: With regard to the proposed Battery Energy Storage System (BESS), the technology thereof is dynamic and so the specific type/technology to be developed would be selected based on market demands and technology availability at the time of construction. Therefore, both Lithium-ion and redox-flow will be assessed as technology alternatives, with Lithium-ion being the current preferred technology. The Lithium-Ion BESS will arrive to site pre-assembled.

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**The no-go alternative will also be assessed.**

**5a. RENEWABLE ENERGY DEVELOPMENT ZONES:**

|  |   |   |
|--|---|---|
| <b>Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114 ?</b>  | YES* <input type="checkbox"/>             | <b>NO</b> <input checked="" type="checkbox"/> |
| If "YES"   |   |   |
| <ul style="list-style-type: none"> <li>Confirm Technology</li> </ul>   | Large Scale Wind <input type="checkbox"/> | Large Scale Solar PV <input type="checkbox"/> |
| <ul style="list-style-type: none"> <li>Confirm Zone as per GNR 114 and GNR 142 and 144</li> </ul>  | Click or tap here to enter text.          |   |
| <ul style="list-style-type: none"> <li>A map showing the proposed development (100% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "Print Map" feature available in the Screening tool to create a map as required.</li> </ul> | YES <input type="checkbox"/>              | Attached as <a href="#">APPENDIX 7A</a>       |

**5b. ELECTRICITY GRID INFRASTRUCTURE (EGI):**

|   |   |   |
|---|---|---|
| <b>Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?</b>  | YES* <input type="checkbox"/>           | <b>NO</b> <input checked="" type="checkbox"/>   |
| If "YES"  |   |   |
| <ul style="list-style-type: none"> <li>Confirm Strategic Transmission Corridor (STC) as per GNR 113</li> </ul>  | Click or tap here to enter text.        |   |
| <ul style="list-style-type: none"> <li>A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the STC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required.</li> </ul>  | YES <input type="checkbox"/>            | Attached as <a href="#">APPENDIX 7B</a>         |
| <ul style="list-style-type: none"> <li>Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 113. (See <i>template attached to this Application form</i>)</li> </ul>  | YES <input type="checkbox"/>            | Attached as <a href="#">APPENDIX 7C</a>         |
|   |   |   |
| <b>Does the project form part of the Standard as per GNR 2313</b>   | YES* <input type="checkbox"/>           | <b>NO**</b> <input checked="" type="checkbox"/> |
| If "YES*" please complete the procedure for following the Standard to apply for registration.   |   |   |
| If "NO", see below and provide motivation (written and illustrative using maps and/or photographic evidence, to confirm why the Standard and the exclusions therein do not apply) as <a href="#">APPENDIX 7D</a> .  |   |   |
| <ul style="list-style-type: none"> <li>Where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being <i>very high</i> or <i>high</i> by the national web based environmental screening tool and confirmed to be such through the application of the procedures set out in the Standard</li> </ul> | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>                     |
| <ul style="list-style-type: none"> <li>Where the site sensitivity verification for a specific theme identifies that the <i>low</i> or <i>medium</i> sensitivity rating of the national web based environmental screening tool is in fact <i>high</i> or <i>very high</i>;</li> </ul>  | YES <input type="checkbox"/>            | <b>NO</b> <input checked="" type="checkbox"/>   |
| <ul style="list-style-type: none"> <li>Where the greater part of the proposed infrastructure falls outside any strategic transmission corridor.</li> </ul>  | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>                     |

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|  |   |   |
|--|---|---|
| Motivation for the development not falling within the Standard supplied as <a href="#">APPENDIX 7D</a>   | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>             |
| <p><i>Regulation 7 of GNR 2313 states: 'Where this Standard does not apply, either the requirements of the EIA Regulations or Government Notice No. 113, read with the EIA Regulations, where relevant, apply to the relevant theme for which the very high or high sensitivity has been identified in respect of the portion of the development or expansion which occurs on the area where the environmental sensitivity is confirmed to be very high or high, or to the entire development or expansion where the greater part of the infrastructure falls outside of the strategic transmission corridor.'</i></p> |   |   |
|  |   |   |
| Does the project form part of the Electricity Grid Infrastructure (EGI) in a REDZ as per GN 145?   | YES* <input type="checkbox"/>           | NO <input checked="" type="checkbox"/>  |
| If "YES*":   |   |   |
| <ul style="list-style-type: none"> <li>Confirm Zone as per GNR 145</li> </ul>  | Click or tap here to enter text.        |   |
| <ul style="list-style-type: none"> <li>A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "Print Map" feature available in the Screening tool to create a map as required.</li> </ul>   | YES <input type="checkbox"/>            | Attached as <a href="#">APPENDIX 7E</a> |
| <ul style="list-style-type: none"> <li>Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 145. (See <i>template attached to this Application form</i>)</li> </ul>   | YES <input type="checkbox"/>            | Attached as <a href="#">APPENDIX 7F</a> |

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**5c. GAS TRANSMISSION PIPELINE INFRASTRUCTURE:**

|   |                                  |   |
|---|----------------------------------|---|
| <b>Does the project form part of a Gas Transmission Pipeline Infrastructure as per GN 143?</b>  | YES* <input type="checkbox"/>    | <b>NO</b> <input checked="" type="checkbox"/> |
| If "YES"  |                                  |   |
| <ul style="list-style-type: none"> <li>Confirm Strategic Gas Pipeline Corridor (SGPC) as per GNR 143</li> </ul>   | Click or tap here to enter text. |   |
| <ul style="list-style-type: none"> <li>A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the SGPC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required.</li> </ul> | YES <input type="checkbox"/>     | Attached as <a href="#">APPENDIX 7G</a>       |
| <ul style="list-style-type: none"> <li>Attach a pre-negotiated route with the landowner(s) as per Reg 3 of GNR 411. (See <i>template attached to this Application form</i>)</li> </ul>  | YES <input type="checkbox"/>     | Attached as <a href="#">APPENDIX 7H</a>       |

**5d. STRATEGIC INFRASTRUCTURE PROJECTS:**

|  |                               |   |
|--|-------------------------------|---|
| <b>Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?</b>  | YES* <input type="checkbox"/> | <b>NO</b> <input checked="" type="checkbox"/>                           |
| If "YES" attach the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP as <a href="#">APPENDIX 8B</a> .  |                               |   |
| For a SIP project, kindly indicate which SIPs are applicable in <a href="#">APPENDIX 8A</a> and attach the confirmation of SIP applications from the relevant sector representative in <a href="#">APPENDIX 8B</a> . Should no proof be provided, the application will be considered as a normal EIA Application with associated timeframes. |                               |   |
|  |                               | Attached as <a href="#">APPENDIX 8A</a> and <a href="#">APPENDIX 8B</a> |

**6. NATIONAL SECTOR CLASSIFICATION**

Table 6.1. Please indicate which sector the project falls under by selecting the relevant block in the table below:

| No. | Sector Classification  |                                     | No. | Sector Classification   |                          |
|-----|--|-------------------------------------|-----|---|--------------------------|
| 1   | Infrastructure /Transport Services/Roads – Public  | <input type="checkbox"/>            | 42  | Services/Waste Management Services/Disposal facilities - General    | <input type="checkbox"/> |
| 2   | Infrastructure /Transport Services/Roads – Private   | <input checked="" type="checkbox"/> | 43  | Services/Waste Management Services/Treatment facilities - Hazardous | <input type="checkbox"/> |
| 3   | Infrastructure /Transport Services/Rail – Public   | <input type="checkbox"/>            | 44  | Services/Waste Management Services/Treatment facilities - General   | <input type="checkbox"/> |
| 4   | Infrastructure /Transport Services/Rail – Private  | <input type="checkbox"/>            | 45  | Services/Waste Management Services/Storage Facilities - General     | <input type="checkbox"/> |
| 5   | Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Commercial       | <input type="checkbox"/>            | 46  | Services/Waste Management Services/ Storage Facilities - Hazardous  | <input type="checkbox"/> |
| 6   | Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Private          | <input type="checkbox"/>            | 47  | Services/Waste Management Services/Storage Facilities - Nuclear     | <input type="checkbox"/> |
| 7   | Infrastructure /Transport Services/ Airport/Runways/ Landing Strip/Helipad - Public Services | <input type="checkbox"/>            | 48  | Services/Burial and cemeteries - Cemeteries                         | <input type="checkbox"/> |
| 8   | Infrastructure /Transport Services - Ports   | <input type="checkbox"/>            | 49  | Services/Burial and cemeteries - Cremators                          | <input type="checkbox"/> |

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| No. | Sector Classification  |                                     | No. | Sector Classification   |                          |
|-----|--|-------------------------------------|-----|---|--------------------------|
| 9   | Infrastructure /Transport Services - Inland Waterways  | <input type="checkbox"/>            | 50  | Services/Water services/Storage - Dams                          | <input type="checkbox"/> |
| 10  | Infrastructure /Transport Services - Marina  | <input type="checkbox"/>            | 51  | Services/Water services/Storage - Reservoirs                    | <input type="checkbox"/> |
| 11  | Infrastructure /Transport Services - Canal   | <input type="checkbox"/>            | 52  | Services/Water services - Desalination                          | <input type="checkbox"/> |
| 12  | Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/ Development Setback/ 100M Inland/ or coastal public property. | <input type="checkbox"/>            | 53  | Services/Water services - Treatment & Waste Water               | <input type="checkbox"/> |
| 13  | Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides   | <input type="checkbox"/>            | 54  | Services - Hospitality  | <input type="checkbox"/> |
| 14  | Infrastructure /Localised infrastructure - Cableway or Funiculars  | <input type="checkbox"/>            | 55  | Mining - Prospecting rights                                     | <input type="checkbox"/> |
| 15  | Infrastructure /Localised infrastructure – Billboards  | <input type="checkbox"/>            | 56  | Mining - Mining Permit  | <input type="checkbox"/> |
| 16  | Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/Hydrocarbon - Gas  | <input type="checkbox"/>            | 57  | Mining - Mining Right   | <input type="checkbox"/> |
| 17  | Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/ Hydrocarbon - Petroleum   | <input type="checkbox"/>            | 58  | Mining/Exploration Right - Gas or Oil Marine                    | <input type="checkbox"/> |
| 18  | Infrastructure /Localised infrastructure/ Storage/Dangerous good – Chemicals   | <input type="checkbox"/>            | 59  | Mining/Exploration Right - Gas or Oil Terrestrial               | <input type="checkbox"/> |
| 19  | Utilities Infrastructure/Pipelines/water - Fresh/Storm Water   | <input type="checkbox"/>            | 60  | Mining/Production Right - Gas or Oil Marine                     | <input type="checkbox"/> |
| 20  | Utilities Infrastructure/ Pipelines/water - Waste Water  | <input type="checkbox"/>            | 61  | Mining/Production Right - Gas or Oil Terrestrial                | <input type="checkbox"/> |
| 21  | Utilities Infrastructure/ Pipelines/ Dangerous Goods - Chemicals   | <input type="checkbox"/>            | 62  | Mining/Underground gasification of coal - Oil                   | <input type="checkbox"/> |
| 22  | Utilities Infrastructure/Pipelines/ Hydrocarbon – Petroleum  | <input type="checkbox"/>            | 63  | Mining/Beneficiation - Hydrocarbon                              | <input type="checkbox"/> |
| 23  | Utilities Infrastructure/Pipelines/ Hydrocarbon - Gas  | <input type="checkbox"/>            | 64  | Mining/Beneficiation - Mineral                                  | <input type="checkbox"/> |
| 24  | Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Tower   | <input type="checkbox"/>            | 65  | Agriculture/Forestry/ Fisheries - Crop Production               | <input type="checkbox"/> |
| 25  | Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Mast  | <input checked="" type="checkbox"/> | 66  | Agriculture/Forestry/ Fisheries - Animal Production             | <input type="checkbox"/> |
| 26  | Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Receivers   | <input type="checkbox"/>            | 67  | Agriculture/Forestry/ Fisheries - Afforestation                 | <input type="checkbox"/> |
| 27  | Utilities Infrastructure - Marine Cables   | <input type="checkbox"/>            | 68  | Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Alien       | <input type="checkbox"/> |
| 28  | Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Petroleum   | <input type="checkbox"/>            | 69  | Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Indigenous  | <input type="checkbox"/> |
| 29  | Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Coal  | <input type="checkbox"/>            | 70  | Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Alien      | <input type="checkbox"/> |
| 30  | Utilities Infrastructure/Electricity /Generation/ Non Renewable - Nuclear  | <input type="checkbox"/>            | 71  | Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Indigenous | <input type="checkbox"/> |
| 31  | Utilities Infrastructure/Electricity /Generation/ Renewable - Hydro  | <input type="checkbox"/>            | 72  | Agriculture/Forestry/ Fisheries - Agro-Processing               | <input type="checkbox"/> |

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| No. | Sector Classification  |                                     | No. | Sector Classification  |                                     |
|-----|--|-------------------------------------|-----|--|-------------------------------------|
| 32  | Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV            | <input checked="" type="checkbox"/> | 73  | Transformation of land - Indigenous vegetation   | <input checked="" type="checkbox"/> |
| 33  | Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP           | <input type="checkbox"/>            | 74  | Transformation of land - From open space or Conservation   | <input type="checkbox"/>            |
| 34  | Utilities Infrastructure/Electricity /Generation/Renewable - Wind                | <input type="checkbox"/>            | 75  | Transformation of land - From agriculture or afforestation   | <input checked="" type="checkbox"/> |
| 35  | Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels   | <input type="checkbox"/>            | 76  | Transformation of land - From mining or heavy industrial areas   | <input type="checkbox"/>            |
| 36  | Utilities Infrastructure/Electricity /Generation/Renewable - Wave                | <input type="checkbox"/>            | 77  | Any activities within or close to a watercourse  | <input checked="" type="checkbox"/> |
| 37  | Utilities Infrastructure/Electricity /Distribution and Transmission - Power line | <input type="checkbox"/>            | 78  | Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.   | <input type="checkbox"/>            |
| 38  | Utilities Infrastructure/Electricity /Distribution and Transmission – Substation | <input checked="" type="checkbox"/> | 79  | Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions | <input type="checkbox"/>            |
| 39  | Utilities Infrastructure/Gas /Distribution and Transmission – Compressor Station | <input type="checkbox"/>            | 80  | Activity requiring permit or licence - Marine Effluent   | <input type="checkbox"/>            |
| 40  | Services/Waste Management Services/Disposal facilities - Hazardous               | <input type="checkbox"/>            | 81  | Activity requiring permit or licence - Fresh Water Effluent  | <input type="checkbox"/>            |
| 82  | Release of Genetically Modified Organisms  | <input type="checkbox"/>            |     |  | <input type="checkbox"/>            |

Table 6.2.

|   |                                  |   |
|---|----------------------------------|---|
| Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g., a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity | YES <input type="checkbox"/>     | <b>NO</b> <input checked="" type="checkbox"/> |
| If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that form's part there of   | Click or tap here to enter text. |   |

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**7. SITE DESCRIPTION**

Provide a detailed description of the site involved in the application.

|                           |  |
|---------------------------|--|
| Province/s                | <b>Limpopo Province</b>  |
| District Municipality/ies | <b>Capricorn District Municipality</b>   |
| Local Municipality/ies    | <b>Polokwane Local Municipality</b>  |
| Ward number/s             | <b>1</b>   |
| Nearest town/s            | <b>Mokopane (25km)</b>   |
| Farm name/s and number/s  | <b>Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12<br/>Remaining Extent of Portion 2 of the Farm Rotterdam No. 12<br/>Remaining Extent of Farm Rietvley No. 13 (access road only)<br/>Portion 7 (Portion of Portion 4) of Farm Rotterdam No. 12 (access road only)<br/>Portion 19 of Farm Rietvley No. 13 (access road only)</b> |
| Portion number/s          | <b>Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12<br/>Remaining Extent of Portion 2 of the Farm Rotterdam No. 12<br/>Remaining Extent of Farm Rietvley No. 13 (access road only)<br/>Portion 7 (Portion of Portion 4) of Farm Rotterdam No. 12 (access road only)<br/>Portion 19 of Farm Rietvley No. 13 (access road only)</b> |

**Surveyor General 21 digit code:**

(If there are more than 4, please attach a list with the rest of the codes as [APPENDIX 9](#). Where the 21-digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in [APPENDIX 9](#).)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | 0 | K | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 2 |
| T | 0 | K | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 5 |
| T | 0 | K | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| T | 0 | K | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 7 |
| T | 0 | K | S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | 9 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1 | 2 |   | 3 |   |   | 4 |   |   |   |   | 5 |   |   |   |   |   |   |   |   |   |

**Coordinates of Property/ies boundary (corner points or start, middle, end)**

Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

| FEATURE       | LATITUDE (S) |     |        | LONGITUDE (E) |     |        |
|---------------|--------------|-----|--------|---------------|-----|--------|
|               | DEG          | MIN | SEC    | DEG           | MIN | SEC    |
| Point 1       | -24°         | 01' | 22.58" | 29°           | 13' | 25.42" |
| Point 2       | -24°         | 01' | 37.96" | 29°           | 13' | 07.22" |
| Point 3       | -24°         | 01' | 48.27" | 29°           | 12' | 42.80" |
| Point 4       | -24°         | 01' | 36.63" | 29°           | 12' | 37.08" |
| Point 5       | -24°         | 01' | 17.92" | 29°           | 12' | 36.57" |
| Point 6       | -24°         | 01' | 05.27" | 29°           | 13' | 02.15" |
| Central Point | -24°         | 01' | 23.85" | 29°           | 12' | 57.00" |

N.B. This template/table must be used to provide additional coordinates for relevant infrastructure which must be included in [APPENDIX 9](#).



**Locality map and Project Plan:**

|  |  |
|--|--|
| <p>Locality map:</p>                       | <p>A locality map must be attached to the application form, as <a href="#">APPENDIX 10</a>. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must be legible and of high resolution. The map must include the following:</p> <ul style="list-style-type: none"> <li>• an accurate indication of the project site position as well as the positions of the alternative sites, if any;</li> <li>• road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>• a north arrow;</li> <li>• scale indicator;</li> <li>• a legend (which explains all symbols used on the map);</li> <li>• site sensitivities, including but not limited to vegetation, wetlands, watercourses, heritage sites, critical biodiversity area/s, World Heritage Site, etc. and it must be overlaid by the study area; and</li> <li>• GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The seconds should be to at least two decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection).</li> </ul> |
| <p>Project Plan<br/>(e.g. Gantt chart)</p> | <p>A project schedule must be submitted as <a href="#">APPENDIX 11</a>, and must include relevant milestones for:</p> <ul style="list-style-type: none"> <li>• public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments);</li> <li>• the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process;</li> <li>• the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes).</li> </ul> <p>Note:<br/>All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations, as amended. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that <b>“An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7).”</b> It is recommended that the Competent Authority be approached for guidance on the process to be followed, prior to submitting an application.</p>          |

**8. ACTIVITIES APPLIED FOR**

For an application for environmental authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be provided below.

| Activity No(s): | Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 1</b> of the EIA Regulations, 2014 as amended   | Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.  |
|-----------------|--|--|
| 11 (i)          | <p><b>The development of facilities or infrastructure for the transmission and distribution of electricity—</b></p> <p><b>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts;</b></p> | <p><b>The Proposed Development will include a substation/ collector infrastructure with a capacity of 132 kV.</b></p> <p><b>The Proposed Development will include underground cables for internal electrical reticulation, however the capacity of these</b></p> |

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|                 |   |   |
|-----------------|---|---|
|                 |   | <p>lines will not exceed 33 kV and is expected to be within the range of 22 – 33 kV.</p> <p>The Proposed Development is located outside an urban area and industrial complex.</p>   |
| 12 (ii) (b)     | <p>The development of—</p> <p>(ii) infrastructure or structures with a physical footprint of 100 square metres or more;</p> <p>Where such development occurs –</p> <p>(b) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;</p>   | <p>The layout of the Proposed Development has been designed to avoid sensitive aquatic environments on the affected property. A portion of the Proposed Development and associated infrastructure (exceeding 100 sqm) would however be located within 32 m of seasonal streams/drainage lines traversing the site, resulting in infilling.</p>                                |
| 19              | <p>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.</p>  | <p>The infilling of two drainage lines to allow for development on site will exceed the 10 cubic metres threshold stipulated by this Listed Activity.</p>   |
| 24 (ii)         | <p>The development of a road—</p> <p>(ii) with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres;</p>  | <p>A new road (to serve as a secondary access) will be constructed to access the facility. This access road will be a maximum width of 10 m wide. Internal access roads are also proposed and would be a maximum of 10 m wide, which is above the 8m threshold stipulated by this Listed Activity.</p>  |
| 28 (ii)         | <p>Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:</p> <p>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare;</p> | <p>The Proposed Development is defined as an industrial development which would occur outside an urban area. The Proposed Development will extend across an area of 101.15 ha which exceeds the 1 ha threshold. The proposed development is outside an urban area and the current land use within the development footprint is for agriculture.</p>                           |
| 56 (ii)         | <p>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometer—</p> <p>(ii) where no reserve exists, where the existing road is wider than 8 metres;</p> <p>excluding where widening or lengthening occur inside urban areas.</p>   | <p>Where possible existing farm roads on site will be used and upgraded if required. The access road will be widened to a maximum width of 10 m.</p> <p>Where possible, existing farm roads would also be used and lengthened as part of the internal road network, and lengthening would exceed 1 km.</p> <p>The proposed development would occur outside an urban area.</p> |
| Activity No(s): | <p>Provide the relevant Scoping and EIA Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended</p>  | <p>Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.</p>  |
| 1               | <p>The development of facilities or infrastructure for the generation of electricity from a renewable</p>   | <p>The Proposed Development will entail the construction of a new 80 MW photovoltaic solar facility which exceeds the 20 MW</p>   |

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|                          |   |   |
|--------------------------|---|---|
|                          | resource where the electricity output is 20 megawatts (MW) or more.   | threshold stipulated by this Listed Activity. The Project Area is located outside an urban area where no existing infrastructure is present.  |
| 15 (i)                   | The clearance of an area of 20 hectares (ha) or more of indigenous vegetation excluding where such clearance of indigenous vegetation is required for—<br>(i) the undertaking of a linear activity.   | The cumulative vegetation clearance of 97 ha to allow for the development of non-linear infrastructure (i.e., the on-site sub-station hub and foundations for the solar PV arrays) will exceed 20 hectares.   |
| Activity No(s):          | Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3 of the EIA Regulations, 2014 as amended  | Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.   |
| 3 (e) (i) (gg)           | The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower-<br>(a) is to be placed on a site not previously used for this purpose; and<br>(b) will exceed 15 metres in height – but excluding attachments to existing buildings and masts on rooftops.<br><br>e. Limpopo<br>i. Outside urban areas:<br>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas. | A communications tower with a maximum height of 32m is proposed as part of the on-site substation hub and will be located on a site that was not previously used for this purpose.<br><br>The proposed development is located outside an urban area and within 157 m from the Percy Fyfe Nature Reserve which is a designated protected area in terms of NEMPAA. The Project Area is located outside urban areas.   |
| 4 (e) (i) (gg)           | The development of a road wider than 4 metres with a reserve less than 13,5 metres.<br><br>e. Limpopo<br>i. Outside urban areas:<br>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas.   | Roads developed for the Proposed Development will be a maximum of 10 m wide. Existing farm roads would be used as far as possible and upgraded.<br><br>Road development would occur within 157 m from the Percy Fyfe Nature Reserve which is designated protected areas in terms of NEMPAA. The Project Area is located outside urban areas.  |
| 14 (ii) (c) (e) (i) (hh) | The development of—<br>(ii) infrastructure or structures with a physical footprint of 10 square metres or more;<br><br>where such development occurs—<br>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse.<br><br>e. Limpopo<br>i. Outside urban areas:<br>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of   | The layout of the Proposed Development has been designed to avoid sensitive aquatic environments on the affected property.<br><br>There are two drainage lines that traverse the site, and which would be developed upon, resulting in infilling.<br><br>Development within/close to watercourses would occur within 157 m from the Percy Fyfe Nature Reserve which is a designated protected area in terms of NEMPAA. The Project Area is located outside urban areas. |

**DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**

|                        |   |  |
|------------------------|---|--|
|                        | <b>NEMPAA or from the core area of a biosphere reserve;</b>   |  |
| <b>18 (e) (i) (gg)</b> | <p><b>The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 Kilometre.</b></p> <p><b>e. Limpopo</b></p> <p><b>i. Outside urban areas:</b></p> <p><b>(gg) areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas.</b></p> | <p><b>Where possible existing roads on site will be used and upgraded if required. The access road will be widened to a maximum width of 10 m.</b></p> <p><b>Where possible, existing farm roads would also be used and lengthened as part of the internal road network, and lengthening would exceed 1 km.</b></p> <p><b>Road construction would occur within 157 m from the Percy Fyfe Nature Reserve which is designated protected areas in terms of NEMPAA. The Project Area is located outside urban areas.</b></p> |

Please note that any authorisation that may result from this application will only cover listed or specified activities specifically applied for. Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity. **If a specific listed or specified activity is not included in an Environmental Authorisation, a new application for Environmental Authorisation will have to be submitted.** Coordinate points indicating the location of each listed activity (where applicable) must be provided as part of [APPENDIX 9](#). Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

**9. PUBLIC PARTICIPATION**

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of the EIA Regulations, 2014 as amended.

**Site notices (in English and Sepedi) will be placed at strategic locations on the site and at locations in close proximity to the site to notify potential Interested and Affected Parties (I&APs) of the application for EA, to invite the public to register as I&APs and to inform the public of the availability of the Draft Scoping Report (DSR) and Draft Environmental Impact Report (DEIR) for public review and comment.**

**An I&AP database has been formulated in order for the EAP to share important project information throughout the application for EA.**

**A newspaper advertisement will be placed in English and Sepedi in a local newspaper to invite the public to register as I&APs, to inform the public of the application process, as well as the availability of the DSR for public review and comment.**

**All public participation documents will include a brief description of the proposed activity, Applicant, Public Participation Process information for the S&EIA process, availability of the DSR and DEIR for public review, contact details of the EAP should they require more information, to register and comment on the project and DSR and DEIR. The DSR and DEIR will be available in the public domain for 30 days and I&APs would be requested to register and comment during the 30-day period.**

**Comments received from the registered I&APs during the Public Participation Process will be addressed in a Comments and Responses Report (CRR) that will be included in the Final Scoping Report (FSR) and Final EIR that will be submitted to the DFFE for review and decision-making.**

**All registered I&APs will be notified of the outcome of the application for environmental authorisation within 14 days of DFFE issuing a decision on the application.**

## DDFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

### 10. OTHER AUTHORISATIONS REQUIRED

|   |   |   |                             |
|---|---|---|-----------------------------|
| Are there any other applications for Environmental Authorisation on the same property?  |   | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| If YES, please indicate the following:  |   |   |                             |
| Competent Authority   | DDFE  |   |                             |
| Application Reference Number  | To Be Confirmed   |   |                             |
| Project Name  | DDFE Application for Environmental Authorisation for the Proposed development of ABO Ndau Solar Energy Facility 1 and Associated Infrastructure, located within the Polokwane Local Municipality and Capricorn District Municipality, Limpopo Province. |   |                             |
| Please provide details of the steps taken to ascertain this information:<br>An EA application will be submitted to DFFE for the Proposed development of ABO Ndau Solar Energy Facility 1 and Associated Infrastructure, simultaneously with the EA application for the Ndau Solar Energy Facility 2. The access road for the Ndau 1 facility will be located on the same property as the Ndau 2 Facility (i.e., Remaining Extent of Farm Rietvley No. 13)   |   |   |                             |
| Explain whether the above approval(s) will be in conflict with the proposed development.<br>Although the access road for the PV facility for Ndau 2 will be located on the same property as the Ndau 1 access road (i.e., Remaining Extent of Farm Rietvley No. 13), these projects are mutually exclusive and will not influence the EA processes of one another. This access road is an existing farm road that will serve as the best access road for both sites during their respective construction phases. In addition, the Applicant is essentially the same for these applications, albeit under separate special purpose vehicles. |   |   |                             |

### 11. OTHER LEGISLATION/APPROVAL

Applications in terms of the National Environmental Management Act (“NEMA”) & specific environmental management Acts (“SEMA’s”):

| LEGISLATION  | AUTHORISATION REQUIRED              |                                     | APPLICATION SUBMITTED    |                                     |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
|  | YES                                 | NO                                  | YES                      | NO                                  |
| Is Section 50(5) of the National Environmental Management: Protected Areas Act applicable to your proposed development? (The proposed development is within a proclaimed protected area as defined the Act.) | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Water Act (Act No. 36 of 1998)  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Environmental Management: Air Quality Act (Act No. 39 of 2004)  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Environmental Management: Biodiversity Act (Act No. 10 of 2004)   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Environmental Management: Protected Areas Act (Act No. 57 of 2003)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| National Environmental Management: Waste Act (Act No. 59 of 2008)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Others: Please specify<br>Section 38 of National Heritage Resources Act (NHRA), Act No. 25 of 1999.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Please be advised that:**

*Batho pele-* putting people first

## DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

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- If a Waste Management license is required in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**. **An IPS application can only be lodged with this Department in the event that this Department is the Competent Authority for both the EIA and Waste related activities**;
- If Sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act is applicable to your proposed development, you are required to obtain pre-approval for a reclamation application prior to an Application for Environmental Authorisation being lodged with the Competent Authority;
- If Section 50(5) of the National Environmental Management: Protected Areas Act is applicable to your proposed development, you are required to obtain approval from the Management Authority **prior** to an Application for Environmental Authorisation being lodged with the Competent Authority. This approval must be attached as **APPENDIX 12**; and
- If Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is applicable to your proposed development, you are requested to submit the Notice of Intent form to the relevant SAHRA or a Provincial Heritage Resources Authority and attach a copy to this form as **APPENDIX 13**. If it is indicated that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the NEMA EIA Regulations, 2014, as amended.

**DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**

**12. LIST OF APPENDICES**

|                             |  | SUBMITTED                           |                                     |
|-----------------------------|--|-------------------------------------|-------------------------------------|
|                             |  | YES                                 | NO                                  |
| <a href="#">APPENDIX 1</a>  | Copy of the pre-application meeting minutes  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 2</a>  | Proof of Payment / Motivation for exclusion  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 3</a>  | List of landowners (with contact details) and written consent of landowners. <i>If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.</i> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 4</a>  | Declaration of Applicant   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 5</a>  | List of Local/Provincial Authority involved (with contact details)   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 6A</a> | Proof of appointment of EAP before 8 August 2022   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 6B</a> | Valid EAPASA Registration Certificate  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 6C</a> | Declaration of EAP and undertaking under oath or affirmation   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 7A</a> | Renewable Energy Development Zone Map  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7B</a> | EGI in Strategic Transmission Corridor Map   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7C</a> | Pre-Negotiated Route Agreement for EGI   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7D</a> | Motivation pertaining to the Standard as per GNR 2313  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 7E</a> | EGI in Renewable Energy Development Zone Map   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7F</a> | Pre-Negotiated Route Agreement for EGI in REDZ   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7G</a> | Gas Transmission Pipeline Infrastructure Map   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 7H</a> | Pre-Negotiated Route Agreement for Gas Transmission Pipeline   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 8A</a> | List of Strategic Infrastructure Projects  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 8B</a> | SIP Confirmation Letter from SIP Coordinator   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 9</a>  | List of SGIDs and coordinates  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 10</a> | Locality map   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 11</a> | Project schedule   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 12</a> | Section 50(5) of NEM:PAA approval  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 13</a> | Notice of Intent in terms of NHRA 25 of 1999   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <a href="#">APPENDIX 14</a> | Screening Tool Report  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <a href="#">APPENDIX 15</a> | Other<br><b>GN 779 – Clarification on Competent Authority</b>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**APPENDIX 1**  
**COPY OF THE PRE-APPLICATION MEETING MINUTES**



**PART A: MEETING INFORMATION**

|                            |   |                    |            |
|----------------------------|---|--------------------|------------|
| <b>Meeting Description</b> | Department of Forestry, Fisheries and Environment (DFFE) Pre-Application Meeting for the Nyala & Ndau Solar PV Projects | <b>Date</b>        | 2023/03/17 |
| <b>Venue</b>               | Microsoft Teams   | <b>Start Time</b>  | 11:00      |
| <b>Meeting No</b>          | 1   | <b>Revision No</b> | N/A        |
| <b>Prepared By</b>         | Manie Cilliers/ Suhasini Naik   | <b>End Time</b>    | 12:42      |

**Attendance**

| Name               | Ref | Organisation                      | E-Mail Address   | Attendance                          |                                     |                          |
|--------------------|-----|-----------------------------------|--|-------------------------------------|-------------------------------------|--------------------------|
|                    |     |                                   |  | Attending                           | Apologies                           | Declined                 |
| Nishkar Maharaj    | NM  | Praxos 373 (Praxos)               | <a href="mailto:Nishkar.Maharaj@praxos373.co.za">Nishkar.Maharaj@praxos373.co.za</a>       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manie Cilliers     | MC  | Praxos                            | <a href="mailto:Manie.Cilliers@praxos373.co.za">Manie.Cilliers@praxos373.co.za</a>         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Richard Myburgh    | RM  | Praxos                            | <a href="mailto:Richard.Myburgh@praxos373.co.za">Richard.Myburgh@praxos373.co.za</a>       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Carmen Krishandutt | CK  | Praxos                            | <a href="mailto:Carmen.Krishandutt@praxos373.co.za">Carmen.Krishandutt@praxos373.co.za</a> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Suhasini Naik      | SN  | Praxos                            | <a href="mailto:Suhasini.Naik@praxos373.co.za">Suhasini.Naik@praxos373.co.za</a>           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Kevin Mathebula    | KM  | DFFE                              | <a href="mailto:KLMathebula@dffe.gov.za">KLMathebula@dffe.gov.za</a>                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Mahlatse Shubane   | DS  | DFFE                              | <a href="mailto:Mshubane@dffe.gov.za">Mshubane@dffe.gov.za</a>                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Olivia Letlalo     | OL  | DFFE                              | <a href="mailto:Oletlalo@dffe.gov.za">Oletlalo@dffe.gov.za</a>                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Makhosi Yeni       | MY  | DFFE                              | <a href="mailto:Myeni@dffe.gov.za">Myeni@dffe.gov.za</a>                                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Reitumetse Mokgele | RMO | DFFE                              | <a href="mailto:Rmokgele@dffe.gov.za">Rmokgele@dffe.gov.za</a>                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Zandri Hill        | ZH  | ABO Wind Renewable Energies (ABO) | <a href="mailto:Zandri.Hill@abo-wind.com">Zandri.Hill@abo-wind.com</a>                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| Claudette Muller   | CM  | ABO                               | <a href="mailto:Claudette.Muller@abo-wind.com">Claudette.Muller@abo-wind.com</a>           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

Next Meeting Date **PART B: MEETING NOTES**

| Minutes Item  | For Action By | Action by Date |
|---|---------------|----------------|
| <b>1 INTRODUCTION</b>   |               |                |
| 1.1 The meeting commenced at 11:05 and was chaired by NM.   | Noted         | N/A            |
| 1.2 NM provided an overview on the layout of the presentation prepared by Praxos.   | Noted         | N/A            |
| 1.3 Attendance via on-line register. Refer to Part A: Meeting Information of these minutes for details in this regard.  | Noted         | N/A            |
| 1.4 All attendees provided a brief introduction on their roles.   | Noted         | N/A            |
| <b>2 BACKGROUND/ PROJECT DESCRIPTION</b>  |               |                |
| 2.1 NM presented a brief overview of the project, Environmental Assessment Practitioner (EAP), Applicants and DFFE as the Competent Authority (CA).   | Noted         | N/A            |
| 2.2 NM provided an overview of the three clusters, i.e., Ndau (x2 Solar PV Facilities and x1 stand-alone Battery Energy Storage Facility [BESF]), Nyala East (x2 Solar PV Facilities), and Nyala West (x1 Solar PV Facility). | Noted         | N/A            |
| 2.3 NM stated that each facility will undergo a separate EA application equating to a total of six applications.  | Noted         | N/A            |
| 2.4 NM presented the locality of each cluster.  | Noted         | N/A            |
| 2.5 NM also presented the specification of each facility with regards to footprint, permitted capacity, onsite and BESF infrastructure, proposed grid connections and typical associated infrastructure of the project.       | Noted         | N/A            |
| 2.6 OL requested clarity on the number of PV facilities and BESF. NM reiterated that there will be x5 Solar PV facilities and x1 stand-alone BESF.  | Noted         | N/A            |
| 2.7 MS queried why DFFE was identified as the CA. NM responded that the projects are in response to the Integrated Resource Plan.   | Noted         | N/A            |

**NOTES:**

1. The distribution of the minutes will be in accordance the Attendance Register below.
2. For absent attendees, the minutes of this meeting will be issued afterwards, and opportunity for review and comment given. Any comments, changes, or additional inputs from these individuals must be incorporated into the final minutes, notated as “Post-Meeting Comments” or issued as an addendum.

| <b>PART B: MEETING NOTES</b> |   |                       |
|------------------------------|---|-----------------------|
| <b>Minutes Item</b>          | <b>For Action By</b>  | <b>Action by Date</b> |
| 2.8                          | OL enquired whether the Applicant would bid in the Department of Mineral Resources and Energy (DMRE) Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) rounds or in private off-take.   | Noted<br>N/A          |
| 2.9                          | ZH indicated ABO’s intention is to take part in the DMRE REIPPPP rounds, however should they be unsuccessful, private off-take will be considered as a secondary option.  | Noted<br>N/A          |
| 2.10                         | OL stated that should the Applicant bid in private off-take, the DFFE will not be the CA. Hence, the Applicant must be certain which option will be followed.   | Noted<br>N/A          |
| 2.11                         | MS agreed and stated that this information must be clear at the application stage in order for DFFE to confirm on whether they are indeed the CA for the application.   | Noted<br>N/A          |
| 2.12                         | ZH indicated that clarity was obtained from DFFE on a previous project of similar nature. It was stated that an EA granted by the DFFE was suitable to take part in private off-take.   | Noted<br>N/A          |
| 2.13                         | NM provided a visual overview of the projects using locality maps. ZH indicated that while a stand-alone BESF is planned for the Ndaou site which will operate as a stand-alone facility, the substation positions for the x2 Ndaou and x3 Nyala Solar PV facilities will include a portion that is dedicated to battery storage as well.   | Noted<br>N/A          |
| 2.14                         | OL asked if consideration was given to combining applications since the trigger is for the clearance of indigenous vegetation.  | Noted<br>N/A          |
| 2.15                         | ZH indicated that they require a separate EA for the stand-alone BESF to participate in the DMRE BESF tender opportunity. It would be a less complex process to have it separate rather than combining it with the Solar PV facility.   | Noted<br>N/A          |
| 2.16                         | OL stated that Regulation 11 could apply where one report could be submitted and separate EAs requested. However, if the BESF did not trigger a listed activity, a separate EA will not be issued. Since the clearance of indigenous vegetation may be applicable to the entire Ndaou site, it will be possible for BESF to be incorporated in that application.  | Noted<br>N/A          |
| 2.17                         | NM enquired whether OL was referring to the stand-alone BSEF only or would Regulation 11 apply to the entire Ndaou site. OL indicated that she was referring to the BESF where the Applicant should consider which of the two Ndaou Solar PV facilities are the closest and choose one of these facilities to include the BESF as well. A request can then be made for separate EA’s in terms of Regulation 11.   | Noted<br>N/A          |
| 2.18                         | MS indicated that if the Applicant decides to combine the BESF with the Solar PV application, but the BESF does not trigger a listed activity, it would not be possible to issue a separate EA through Regulation 11.   | Noted<br>N/A          |
| 2.19                         | ZH stated that the battery storage footprint will be greater than 1 hectare and will therefore trigger the clearance of indigenous vegetation listed activity with certain road infrastructure being a potential trigger as well. She added that ABO had previously received an EA for a stand-alone BESF. ABO would be happy to follow Regulation 11 if required/recommended by the DFFE (albeit not the current intention of the Applicant) provided that a separate EA be issued under a different special purpose vehicle/ Applicant for each facility. | Noted<br>N/A          |
| 2.20                         | KM indicated that there is a potentially relevant listed activity in terms of BESF relating to storage of dangerous goods and is dependent on the battery technology to be utilised.  | Noted<br>N/A          |
| 2.21                         | OL retracted her suggestion on following Regulation 11 if the BESF does not trigger a listed activity, as it will not be feasible for the DFFE to issue a separate EA.  | Noted<br>N/A          |
| 2.22                         | NM requested that discussions around listed activities be paused until the team has looked at these together at a later stage in the meeting.   | Noted<br>N/A          |

**NOTES:**

1. The distribution of the minutes will be in accordance the Attendance Register below.
2. For absent attendees, the minutes of this meeting will be issued afterwards, and opportunity for review and comment given. Any comments, changes, or additional inputs from these individuals must be incorporated into the final minutes, notated as “Post-Meeting Comments” or issued as an addendum.

**PART B: MEETING NOTES**

| Minutes Item | For Action By   | Action by Date |
|--------------|---|----------------|
| 2.23         | NM presented the composite sensitivity map for the project and indicated that the Applicant planned the location of the facilities taking into account the desktop findings and site verification results. MS requested that different colours be used that are distinct to avoid confusion.  | Noted<br>N/A   |
| 2.24         | KM enquired if the entire project is located in one province only. NM confirmed that they are.  | Noted<br>N/A   |
| <b>3</b>     | <b>LISTED ACTIVITIES</b>  |                |
| 3.1          | NM moved to the listed activities that have been identified and went through the triggers with the team.  | Noted<br>N/A   |
| 3.2          | NM stated that the EAP is of the opinion that the BESF will not trigger the storage of dangerous goods activity.  | Noted<br>N/A   |
| 3.3          | MS stated that the DFFE cannot confirm or deny at the meeting stage if triggers would apply or not. He asked that exclusions for listed activities be included in the description and the use of ‘maybe’ when considering applicability of activities be avoided, as it creates uncertainty on whether an activity is triggered or not.   | Noted<br>N/A   |
| 3.4          | OL enquired on whether OHL will be included in the EA application. ZH confirmed that internal reticulation will be included in the application, but that external connections to the national grid will follow a separate application once more technical feedback on the possibilities around connection options becomes available.  | Noted<br>N/A   |
| 3.5          | KM enquired whether the Applicant will still be able to bid for the DMRE BESF opportunity if the EA is not separate. ZH responded by saying that ABO can still bid however the process will be complicated should the Solar PV facility be integrated with the BESF due to shared infrastructure, and as such is not preferred by the Applicant   | Noted<br>N/A   |
| 3.6          | ZH requested confirmation that “storage of dangerous goods” would not apply to BESF as it will arrive on site preassembled.   | Noted<br>N/A   |
| 3.7          | NM added that as per the SANAS classification, batteries in their state do not qualify as dangerous goods.  | Noted<br>N/A   |
| 3.8          | MS stated that as per his understanding, if the BESF is assembled on site, this is regarded as construction and will trigger a listed activity.   | Noted<br>N/A   |
| 3.9          | ZH confirmed that the BESF will arrive on site preassembled. Consensus was therefore reached between all parties that the storage of dangerous goods listed activity will not apply to the BESF and as such application for the activity will not be made.  | Noted<br>N/A   |
| <b>4</b>     | <b>CONFIRMATION OF EA PROCESS</b>   |                |
| 4.1          | NM requested clarity on the Strategic Transmission Corridor (STC) and if this is limited to transmission infrastructure only. MS advised that query should rather be lodged with IQ for interpretation. OL stated that the STC and associated expedited timeframes apply only to the transmission lines. If the Solar PV facility fell within a Renewable Energy Development Zone (REDZ), then expedited timeframes will apply. | Noted<br>N/A   |
| 4.2          | NM enquired if the Public Participation Process (PPP) could be combined, along with the impact assessment reports. MS recommended separate reports be submitted with combined PPP. KM supported this and stated that appeals could affect the client should combined reports be submitted.  | Noted<br>N/A   |
| 4.3          | NM requested guidance in terms of utilising two different technologies for BESF and how this should be approached in the EA application and assessment. MS stated that all technology options should be assessed but the preferred alternative should be clearly stated. ZH asked if one technology was applied for, could this be changed later during   | Noted<br>N/A   |

**NOTES:**

1. The distribution of the minutes will be in accordance the Attendance Register below.
2. For absent attendees, the minutes of this meeting will be issued afterwards, and opportunity for review and comment given. Any comments, changes, or additional inputs from these individuals must be incorporated into the final minutes, notated as “Post-Meeting Comments” or issued as an addendum.

**PART B: MEETING NOTES**

| <b>Minutes Item</b>   | <b>For Action By</b> | <b>Action by Date</b> |
|---|----------------------|-----------------------|
| construction without undergoing an amendment process. OL stated that this will result in a compliance issue from compliance monitoring therefore an amendment process must be submitted should the battery technology to be utilised during construction differ from what was included in the EA. OL reiterated the comment by MS that all technologies must be assessed in the final report.   |                      |                       |
| 4.4 NM asked guidance in terms of assessing cumulative impacts. The EAP has proposed using a 30km buffer. OL stated there is no guideline or policy on the cumulative impact assessment approach, however DFFE would like to see cumulative impacts based on facilities that have been authorised, proposed, and in operation from the start of the EIA process. The 30km buffer is what most applicants consider and may be increased based on similar developments in the area.   | Noted                | N/A                   |
| 4.5 NM enquired if the DFFE Generic EMPr will need to be utilised, or if it can be integrated in the Praxos template. MS stated that an EMPr compliant with Appendix 4 of the EIA Regulations should be compiled for the Solar PV facilities and that the Generic EMPr will be for the OHL and substations i.e., LN1 Activity 11 and LN2 Activity 9 triggered activities.   | Noted                | N/A                   |
| 4.6 NM requested clarity on the recent publication under the Disaster Management Act (DMA) and the provisions made for streamlining applications and decision making. OL stated that the DFFE Minister has not published any Regulations in line with the Disaster Regulations, therefore, the current Regulations will apply.  | Noted                | N/A                   |
| <b>5 ENVIRONMENTAL SENSITIVITIES &amp; SPECIALIST STUDIES</b>   |                      |                       |
| NM provided overview on proposed Specialist Studies and sensitivities as per the DFFE Screening Tool. Identified Specialist Studies were as follows: <ul style="list-style-type: none"> <li>• Ecological Biodiversity Impact Assessment</li> <li>• Aquatic Biodiversity Impact Assessment and Wetland Delineation</li> <li>• Archaeological and Cultural Heritage Impact Assessment</li> <li>• Avi-fauna Impact Assessment</li> <li>• Civil Aviation (not required)</li> <li>• Defence (not required)</li> <li>• Visual Impact Assessment (including glint and glare)</li> <li>• Paleontological Impact Assessment</li> <li>• RFI (not required – feedback received from SARAD)</li> <li>• Geotechnical Assessment</li> <li>• Socio-economic Impact Assessment</li> </ul> | Noted                | N/A                   |
| 5.2 NM indicated that the project team identified the need for the following additional studies: <ul style="list-style-type: none"> <li>• BESS Risk Assessment</li> <li>• Traffic and Transport Impact Assessment</li> </ul>  | Noted                | N/A                   |
| 5.3 OL stated that DFFE will not confirm Specialist Studies if they have been identified as relevant, until the application has been submitted.   | Noted                | N/A                   |
| <b>6 SOLAR PV EXCLUSION LEGISLATION</b>   |                      |                       |
| 6.1 NM requested feedback on the Solar PV Exclusion Legislation in terms of Section 24(e)(2) of NEMA which is yet to be gazetted.   | Noted                | N/A                   |
| 6.2 OL stated that the Minister has not yet published any document relating to Solar PV exclusions.   | Noted                | N/A                   |
| <b>7 WAY FORWARD</b>  |                      |                       |

**NOTES:**

1. The distribution of the minutes will be in accordance the Attendance Register below.
2. For absent attendees, the minutes of this meeting will be issued afterwards, and opportunity for review and comment given. Any comments, changes, or additional inputs from these individuals must be incorporated into the final minutes, notated as "Post-Meeting Comments" or issued as an addendum.

**PART B: MEETING NOTES**

| Minutes Item |  | For Action By | Action by Date |
|--------------|--|---------------|----------------|
| 7.1          | NM indicated that the Solar PV facilities will trigger a S&EIR process except for the Ndau stand-alone BESF which will be subject to a BA process due to the clearance of indigenous vegetation.   | Noted         | N/A            |
| 7.2          | NM stated that the triggered listed activities will be confirmed one the EA application has been submitted.  | Noted         | N/A            |
| 7.3          | NM confirmed that a combined PPP will be followed.   | Noted         | N/A            |
| 7.4          | NM stated that Specialist Studies will be confirmed by the DFFE once the EA application has been submitted.  | Noted         | N/A            |
| 7.5          | OL reiterated that the DFFE has not confirmed the process to be followed, triggered listed activities, and Specialist Studies required. It is the onus of the EAP and Applicant to determine this. NM acknowledged and stated that it would be confirmed at the application stage. | Noted         | N/A            |
| <b>8</b>     | <b>GENERAL</b>   |               |                |
| 8.1          | MS requested that the minutes of the meeting be submitted to the DFFE for approval. NM stated that draft minutes along with the attendance register will be circulated to the DFFE.  | NM/ MC        | ASAP           |
| 8.2          | NM enquired on the case officer for the project. OL stated that would be decided at application stage and will be allocated to the team.   | Noted         | N/A            |
| <b>9</b>     | <b>NEXT MEETING AND CLOSURE</b>  |               |                |
| 9.1          | No further meetings have been scheduled or requested.  | Noted         | N/A            |
| 9.2          | The meeting was adjourned at 12h42.  | Noted         | N/A            |

**STANDING MEETING NOTE 1:**

Part C of this minutes below lists all the actions required for the next meeting. It is the responsibility of the individuals attending the meeting to make their own notes and not to wait for the distribution of minutes to action their individual items.

**PART C: ACTION ITEMS**

| Ref # | Action Item  | For Action By   | Action by Date | Status              |
|-------|--|-----------------|----------------|---------------------|
| 1     | Draft meeting minutes and submit to DFFE for approval.   | NMC             | 23 March 2023  | Complete            |
| 2     | Approval of meeting minutes.   | KM/ MS/ OL/ RMO | TBC            | In progress         |
| 3     | Clarity to be made available as received on a different project that an EA granted by the DFFE was suitable to take part in private off-take | ZH              | TBC            | Under investigation |

Approved: Olivia Letlalo

28/03/2023

Manie Cilliers  
28 March 2023

**APPENDIX 2**  
**PROOF OF PAYMENT / MOTIVATION FOR EXCLUSION**

# Standard Bank of South Africa

The Standard Bank of South Africa Limited Registered Bank Reg. No. 1962/000738/06

Computer Generated Copy

## CUSTOMER ALL PAYMENTS FINAL AUDIT REPORT

|                                |                              |                          |                                |
|--------------------------------|------------------------------|--------------------------|--------------------------------|
| <b>Customer No</b>             | 201205721                    | <b>User Name</b>         | PRAXOS 373 (PTY) LTD           |
| <b>User ID</b>                 | OQP53                        | <b>Reference</b>         | 2023251002                     |
| <b>Sub Module</b>              | SSVS                         | <b>Action date</b>       | 20230908                       |
| <b>Description</b>             | DEP OF FOREST,FISHERIES&ENV2 |                          | N/A                            |
| <b>Finalreleasingoperators</b> | URZ42 PRATIBHA B BHANJEE     |                          |                                |
| <b>Sub-batch</b>               | 001                          | <b>From Account no</b>   | 0000250523221                  |
| <b>Trans.No</b>                | 1                            | <b>Branch No.</b>        | 632005                         |
|                                | 1044240072                   | <b>Statement Ref</b>     | -24.023292/29.215833           |
|                                |                              | <b>Account Name</b>      | DEPARTMENT OF FORESTRY, FISHER |
|                                |                              | <b>Creditor Code</b>     |                                |
|                                |                              | <b>From Account Name</b> | PRAXOS 373 P/L T/A             |
|                                |                              | <b>Amount</b>            | 10,000.00                      |
|                                |                              | <b>Status</b>            | FINAL AUDIT TO BE DOWNLOADED   |
|                                |                              | <b>RTGS/RTC</b>          | 0                              |
|                                |                              | <b>ISN/Bus Ref</b>       | 0                              |
|                                |                              | <b>Pav. Alert</b>        | N                              |

**Totals for Sub Batch** 001

|                        |           |               |      |
|------------------------|-----------|---------------|------|
| Total amount processed | 10,000.00 | <b>Amount</b> | 0.00 |
| Total amount rejected  | 0.00      | <b>Amount</b> | 0.00 |
| Total Sub Batch amount | 10,000.00 | <b>Amount</b> | 0.00 |
| Total RTGS Processed   | 0         | <b>Amount</b> | 0.00 |
| Total RTC Processed    | 0         | <b>Amount</b> | 0.00 |
| Total RTGS Rejected    | 0         | <b>Amount</b> | 0.00 |
| Total RTC Rejected     | 0         | <b>Amount</b> | 0.00 |

|                              |                  |
|------------------------------|------------------|
| Hash Total                   | 1044240072000000 |
| Total Batch amount processed | 10,000.00        |
| Total Batch amount rejected  | 0.00             |
| Total Batch amount           | 10,000.00        |

|                      |   |                |      |
|----------------------|---|----------------|------|
| Total RTGS Processed | 0 | <b>Amount:</b> | 0.00 |
| Total RTC Processed  | 0 | <b>Amount:</b> | 0.00 |
| Total RTGS Rejected  | 0 | <b>Amount:</b> | 0.00 |
| Total RTC Rejected   | 0 | <b>Amount:</b> | 0.00 |

\*\*\* DISCLAIMER \*\*\*

Make sure that you have entered the correct account number as we will pay to, or collect from, the account number you entered. Banks do not check that the specified account number and account name match. Accordingly, Standard Bank cannot be held responsible for payments going to, or collections being taken from, an incorrect account number should incorrect or fraudulent account details be entered. If you would like more information, speak to your Standard Bank representative about our account verification services.

\*\* END OF REPORT \*\*

## APPENDIX 3 LIST OF LANDOWNERS

(with contact details) and written consent of landowners. If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.

- If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.
- See attached template for landowner consent.
- In addition, the below list of landowners must be completed.

| Listed Activity     | Project description                                       | Farm Portions  | Farm Owner                      | Landowner consent provided Y/N | Include document name  |
|---------------------|---|--|---------------------------------|--------------------------------|--|
| Act 11 (i) of LN 1  | Substation/ collector infrastructure; Underground cables. | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No                             | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 12 (ii) (b)     | PV Solar Energy Facility and Associated Infrastructure    | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No                             | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 19              | PV Solar Energy Facility and Associated Infrastructure    | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No                             | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 28 (ii) of LN 1 | PV Solar Energy Facility and Associated Infrastructure    | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of  | Macario Property Investments cc | No                             | Appendix 3A - Landowner consent will be provided during the EIA Phase. |



|                              |  |  |                                 |    |  |
|------------------------------|--|--|---------------------------------|----|--|
|                              |  | Portion 2 of the Farm Rotterdam No. 12   |                                 |    |  |
| Act 1 of LN 2                | PV Solar Energy Facility and Associated Infrastructure       | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 15 of LN 2               | PV Solar Energy Facility and Associated Infrastructure       | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 3 (e) (i) (gg) of LN 3   | Communication mast as part of the substation infrastructure. | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No | Appendix 3A - Landowner consent will be provided during the EIA Phase. |
| Act 14 (ii) (c) (e) (i) (hh) | PV Solar Energy Facility and Associated Infrastructure       | Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12 Remaining Extent of Portion 2 of the Farm Rotterdam No. 12 | Macario Property Investments cc | No | Appendix 3A - Landowner consent will be provided during the EIA Phase. |

\*If more than 1 activity applies to the same farm portion/property and same landowner, One (1) landowner consent form may be submitted, which clearly outlines all the relevant activities specific to said property and landowner.

## APPENDIX 3A

### CONSENT FROM THE LANDOWNER / PERSON IN CONTROL OF THE LAND, ON WHICH THE ACTIVITY IS TO BE UNDERTAKEN

Submitted in terms of the requirements of sub-regulation 39(1) of the Environmental Impact Assessment Regulations, 2014 (if the applicant is not the owner or person in control of the land on which the activity is to be undertaken).

#### KINDLY NOTE THAT:

1. This document should be attached as Appendix 3 to: The application form for Environmental Authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998).
2. This form is current as of August 2023. It is the responsibility of the Applicant / Environmental Assessment Practitioner ("EAP") to ascertain whether subsequent versions of the form have been released by the Department.
3. One form must be filled in per landowner.

#### 1. DETAILS OF APPLICANT:

|                       |   |
|-----------------------|---|
| Project Applicant     | <b>ABO Ndaou Solar Energy Facility 2 (Pty) Ltd</b>  |
| Trading name (if any) | Click or tap here to enter text.  |
| Contact person        | <b>Zandri Hill</b>  |
| Physical address      | <b>Unit B1, Mayfair Square, Century Way, Century City, Western Cape</b>   |
| Postal address:       | <b>Unit B1, Mayfair Square, Century Way, Century City, Western Cape</b>   |
| Postal code           | <b>7441</b>   |
| Telephone/ cell:      | <b>021 276 3620 / 076 104 1372</b>  |
| E-mail:               | <b><a href="mailto:Zandri.Hill@abo-wind.com">Zandri.Hill@abo-wind.com</a>; <a href="mailto:capetown@abo-wind.com">capetown@abo-wind.com</a></b> |

#### 2. DETAILS OF LANDOWNER:

(where the applicant is not the landowner or person in control of the land)

|   |   |
|---|---|
| Landowner or person in control of the land: | <b>Macario Property Investments cc</b>  |
| Contact person                              | <b>Carlo Snyman</b>   |
| Physical address                            | <b>Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12<br/>Remaining Extent of Portion 2 of the Farm Rotterdam No. 12</b> |
| Postal address:                             | <b>N/A</b>  |
| Postal code                                 | <b>N/A</b>  |
| Telephone/ cell:                            | <b>083 504 7468</b>   |
| E-mail:                                     | <b><a href="mailto:carlosnyman44@gmail.com">carlosnyman44@gmail.com</a></b>   |

#### 3. PROJECT DETAILS AND ACTIVITIES APPLIED FOR:

|                      |  |
|----------------------|--|
| <b>Project title</b> | <b>Application for Environmental Authorisation for the Proposed Development of the ABO Ndaou Solar Energy Facility 2 and Associated Infrastructure, located within the Polokwane Local Municipality and Capricorn District Municipality, Limpopo Province.</b> |
|----------------------|--|

##### 3.1. Activities applied for:

Describe each listed activity in Listing Notices 1, 2 or 3 (GNR 983 -985, 04 December 2014) which is being applied for as per the project description

|                 |  |   |
|-----------------|--|---|
| Activity No(s): | Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 1</b> of the EIA Regulations, 2014 as amended | Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include |
|-----------------|--|---|

|                 |  |  |
|-----------------|--|--|
|                 |  | thresholds/area/footprint applicable.  |
| 11 (i)          | The development of facilities or infrastructure for the transmission and distribution of electricity—<br>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts;  | The Proposed Development will include a substation/ collector infrastructure with a capacity of 132 kV.<br><br>The Proposed Development will include underground cables for internal electrical reticulation, however the capacity of these lines will not exceed 33 kV and is expected to be within the range of 22 – 33 kV.<br><br>The Proposed Development is located outside an urban area and industrial complex. |
| 12 (ii) (b)     | The development of—<br>(ii) infrastructure or structures with a physical footprint of 100 square metres or more;<br><br>Where such development occurs –<br>if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;   | The layout of the Proposed Development has been designed to avoid sensitive aquatic environments on the affected property.<br><br>There are however two drainage lines that traverse the site, and which would be developed upon, resulting in infilling.  |
| 19              | The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.  | The infilling of two drainage lines to allow for development on site will exceed the 10 cubic metres threshold stipulated by this Listed Activity.   |
| 28 (ii)         | Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:<br><br>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; | The Proposed Development is defined as an industrial development which would occur outside an urban area. The Proposed Development will extend across an area of 101.15 ha which exceeds the 1 ha threshold. The proposed development is outside an urban area and the current land use within the development footprint is for agriculture.   |
| Activity No(s): | Provide the relevant <b>Scoping and EIA Activity(ies)</b> as set out in <b>Listing Notice 2</b> of the EIA Regulations, 2014 as amended  | Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.  |
| 1               | The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more.   | The Proposed Development will entail the construction of a new 80 MW photovoltaic solar facility which exceeds the 20 MW threshold stipulated by this Listed Activity. The Project Area  |

|                          |   |   |
|--------------------------|---|---|
|                          |   | is located outside an urban area where no existing infrastructure is present.   |
| 15 (i)                   | The clearance of an area of 20 hectares (ha) or more of indigenous vegetation excluding where such clearance of indigenous vegetation is required for—<br>(i) the undertaking of a linear activity.   | The cumulative vegetation clearance of 97 ha to allow for the development of non-linear infrastructure (i.e., the on-site sub-station hub and foundations for the solar PV arrays) will exceed 20 hectares.   |
| Activity No(s):          | Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 3</b> of the EIA Regulations, 2014 as amended  | Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.   |
| 3 (e) (i) (gg)           | The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower-<br>(a) is to be placed on a site not previously used for this purpose; and<br>(b) will exceed 15 metres in height – but excluding attachments to existing buildings and masts on rooftops.<br><br>e. Limpopo<br>i. Outside urban areas:<br>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas. | A communications tower with a maximum height of 32m is proposed as part of the on-site substation hub and will be located on a site that was not previously used for this purpose.<br><br>The proposed development is located outside an urban area and within 157 m from the Percy Fyfe Nature Reserve which is a designated protected area in terms of NEMPAA. The Project Area is located outside urban areas.   |
| 14 (ii) (c) (e) (i) (hh) | The development of—<br>(ii) infrastructure or structures with a physical footprint of 10 square metres or more;<br><br>where such development occurs—<br>(c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse.<br><br>e. Limpopo<br>i. Outside urban areas:<br>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;  | The layout of the Proposed Development has been designed to avoid sensitive aquatic environments on the affected property.<br><br>There are two drainage lines that traverse the site, and which would be developed upon, resulting in infilling.<br><br>Development within/close to watercourses would occur within 157 m from the Percy Fyfe Nature Reserve which is a designated protected area in terms of NEMPAA. The Project Area is located outside urban areas. |

#### 4. PROPERTY DESCRIPTION:

Property Description

Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12  
Remaining Extent of Portion 2 of the Farm Rotterdam No. 12

Town(s) or district(s):  
Physical (street)  
address of project:

Mokopane

Portion 5 (Portion of Portion 2) of the Farm Rotterdam No. 12  
Remaining Extent of Portion 2 of the Farm Rotterdam No. 12

**5. CONSENT FROM LANDOWNER OR PERSON IN CONTROL OF THE LAND TO UNDERTAKE THE ACTIVITY/IES:**

I, [Click or tap here to enter text.](#) declare that, I:-

1. Am the landowner or person in control of the property described in Section 4 of this document; and
2. That I hereby give consent to the applicant [Click or tap here to enter text.](#) as described in section 1 of this document to undertake the activity/ies as described in section 3 of this document on the property described in section 4.

---

Signature of the landowner or person in control of the land

**Thursday, 31 August 2023**

## APPENDIX 4 DECLARATION OF APPLICANT

I, **Zandri Hill** declare that –

- aaa) I am, or represent<sup>9</sup>, the applicant in this application;
- bbb) I have appointed a valid, EAPASA registered Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP<sup>10</sup>;
- ccc) I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent, affiliated with the relevant professional body e.g. EAPASA/SACNASP etc and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- ddd) I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- eee) I will be responsible for the costs incurred in complying with the EIA Regulations, including but not limited to –
- costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the Competent Authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- fff) I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the Competent Authority in this regard;
- ggg) I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- hhh) I hereby indemnify the Government of the Republic of South Africa, the Competent Authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or EAP is responsible for in terms of these Regulations;
- iii) I will not hold the Competent Authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these EIA Regulations;
- jjj) I will perform all obligations as expected from an applicant in terms of the EIA Regulations;
- kkk) All the particulars furnished by me in this form are true and correct;
- lll) I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the NEMA Act; and
- mmm) I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



\_\_\_\_\_  
Signature of the applicant/ Signature on behalf of the applicant

**ABO Ndau Solar Energy Facility 2 (Pty) Ltd**

\_\_\_\_\_  
Name of company (if applicable)

**30 AUGUST 2023**

\_\_\_\_\_  
Date

<sup>9</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

<sup>10</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

**APPENDIX 5  
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED  
(WITH CONTACT DETAILS)**

*(Use this table as a template for information)*

**Provincial/Local authority:**

**Contact person:**

**Postal/Physical address:**

**Telephone/Cell:**

**E-mail:**

|  |
|--|
| <b>Capricorn District Municipality</b>                       |
| <b>Dineo Makhura</b>   |
| <b>41 Biccard Street, Polokwane, 0700</b>                    |
| <b>072 078 8622</b>  |
| <a href="mailto:makhurad@cdm.org.za">makhurad@cdm.org.za</a> |
|  |

**Please refer to table below:**

**LIST OF LOCAL/PROVINCIAL AUTHORITIES INVOLVED.**

| <u>Authority</u>  | <u>Name</u>   | <u>Surname</u> | <u>Telephone</u> | <u>Cell phone</u>           | <u>Address</u>   | <u>Email</u>   |
|---|---------------|----------------|------------------|-----------------------------|--|--|
| Capricorn District Municipality                                 | Dineo         | Makhura        |                  | 072 078 8622                | 41 Biccard Street, Polokwane, 0700   | <a href="mailto:makhurad@cdm.org.za">makhurad@cdm.org.za</a>   |
| Polokwane Local Municipality                                    | Walter        | Matumba        | 015 290 2332     | 083 665 4650                | Polokwane Game Reserve, Opposite Pietersburg Civil Aerodrome, Silicon Rd, Polokwane, 0699. | <a href="mailto:WalterM@polokwane.gov.za">WalterM@polokwane.gov.za</a>   |
| Polokwane Local Municipality                                    | Blessing      | Pitjadi        |                  |                             | Civic Centre, Cnr Landros Maré & Bodenstein Streets, Polokwane, 0699, South Africa         | <a href="mailto:BlessingP@polokwane.gov.za">BlessingP@polokwane.gov.za</a>   |
| Limpopo Department of Agriculture and Rural Development (LDARD) | Richard       | Selemela       | 015 294 3625     | 082 606 6346                | Temo Towers Building 67 Biccard street Polokwane, 0699                                     | <a href="mailto:SelemelaM@agric.limpopo.gov.za">SelemelaM@agric.limpopo.gov.za</a>   |
| Limpopo Department of Cooperative                               | Ntshengedzeni | Tshishonga     | 015 284 5213     | 082 821 9643 / 066 479 2201 | Hensa Towers Building (office  | <a href="mailto:tshishonga.ntshengedzeni@limpopo.gov.za">tshishonga.ntshengedzeni@limpopo.gov.za</a> ;<br><a href="mailto:TshishongaN@coghsta.limpopo.gov.za">TshishongaN@coghsta.limpopo.gov.za</a> |



| <b>Authority</b>  | <b>Name</b> | <b>Surname</b> | <b>Telephone</b> | <b>Cell phone</b>                 | <b>Address</b>   | <b>Email</b>   |
|---|-------------|----------------|------------------|-----------------------------------|--|--|
| Governance,<br>Human<br>Settlements and<br>Traditional<br>Affairs<br>(COGHSTA)                                  |             |                |                  |                                   | no. 332 or<br>354)<br>20 Rabe<br>Street,<br>Polokwane,<br>0700 |  |
| Limpopo<br>Department of<br>Economic<br>Development,<br>Environment<br>and Tourism<br>(LEDET) -<br>Capricorn DM | Juliet      | Mukhari        |                  | 082 947 7783                      | 20 Hans van<br>Rensburg<br>street,<br>Polokwane,<br>0700.      | <a href="mailto:mukhari.gavazaj@limpopo.gov.za">mukhari.gavazaj@limpopo.gov.za</a>       |
| Limpopo<br>Department of<br>Economic<br>Development,<br>Environment<br>and Tourism<br>(LEDET) -<br>Capricorn DM | Rhulani     | Mthombeni      |                  | 071 874 8514                      | 20 Hans van<br>Rensburg<br>street,<br>Polokwane,<br>0700.      | <a href="mailto:mthombeni.rhulaniv@limpopo.gov.za">mthombeni.rhulaniv@limpopo.gov.za</a> |
| Limpopo<br>Department of<br>Public Works,<br>Roads and<br>Infrastructure<br>(DPW)                               | Moloko      | Gafane         |                  | 082 871 0201                      | 43 Church<br>Street,<br>Polokwane,<br>0699                     | <a href="mailto:mameih12@gmail.com">mameih12@gmail.com</a>                               |
| Limpopo<br>Department of<br>Public Works,<br>Roads and  | Tendani     | Mashamba       |                  | 066 423 3766<br>/ 072 041<br>4759 | 44 Church<br>Street,<br>Polokwane,<br>0699                     | <a href="mailto:Tendimash247@gmail.com">Tendimash247@gmail.com</a>                       |

| <b>Authority</b>  | <b>Name</b>   | <b>Surname</b> | <b>Telephone</b> | <b>Cell phone</b> | <b>Address</b>  | <b>Email</b>   |
|---|---------------|----------------|------------------|-------------------|---|--|
| Infrastructure (DPW)  |               |                |                  |                   |   |  |
| Limpopo Department of Social Development (DSD) - Capricorn DM | Lehoho Alfred | Rachidi        |                  | 082 563 0091      | Moolman Building, 34 Hans Van Rensburg St, Polokwane Central, Polokwane, 0699 | <a href="mailto:RachidiLA@dsd.limpopo.gov.za">RachidiLA@dsd.limpopo.gov.za</a> |
| Limpopo Department of Water and Sanitation (DWS)              | Mulalo        | Nethengwe      | 015 290 1373     | 082 327 1874      | 49 AZMO Place Gen Joubert Street Polokwane 0700                               | <a href="mailto:nethengwem@dws.gov.za">nethengwem@dws.gov.za</a>               |

**APPENDIX 6A**  
**PROOF OF APPOINTMENT OF EAP BEFORE 8 AUGUST 2022**

**APPENDIX 6B**  
**VALID EAPASA REGISTRATION CERTIFICATE**

**Environmental Assessment  
Practitioners Association  
of South Africa**



Registration No. 2019/1037

***Herewith certifies that***

**Richard Myburgh**

***is registered as an***

**Environmental Assessment Practitioner**

***Registered in accordance with the prescribed criteria of Regulation 15. (1)  
of the Section 24H Registration Authority Regulations  
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the  
National Environmental Management Act (NEMA), Act No. 107 of 1998, as  
amended).***

Effective: 01 March 2023

Expires: 29 February 2024

Chairperson

Registrar



**APPENDIX 6C**  
**DECLARATION OF EAP AND UNDERTAKING UNDER OATH OR AFFIRMATION**

I, **Richard Myburgh**, declare that –

- a) I act as the independent, registered in terms of EAPASA, environmental assessment practitioner in this application;
- b) I have expertise in conducting environmental impact assessments, including knowledge of the Act, EIA Regulations and any guidelines that have relevance to the proposed activity;
- c) I will comply with the Act, EIA Regulations and all other applicable legislation;
- d) I am aware that I must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA) in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.
- e) I am aware that a candidate EAP may only assist the registered EAP and work under the supervision of a registered EAP (regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended) such as myself. I take full responsibility for the work conducted.
- f) I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- g) I will take into account, to the extent possible, the matters listed in Regulation 13 of the EIA Regulations and Regulation 14 of S24H of Section 24H Registration Authority Regulations, 2016, as amended, when preparing the application and any report relating to the application;
- h) I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- i) I will perform all obligations as expected from an environmental assessment practitioner in terms of the EIA Regulations and S24H of NEMA ; and
- j) I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act and EIA Regulations and Regulation 18 and 20 of S24H Registration Authority Regulations, 2016, as amended.

**Disclosure of Vested Interest (delete whichever is not applicable)**

- k) I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the EIA Regulations;
- ~~l) I have a vested interest in the proposed activity proceeding, such vested interest being:~~  
Click or tap here to enter text.

  
\_\_\_\_\_  
Signature of the registered environmental assessment practitioner

**Praxos 373 (Pty) Ltd**  
\_\_\_\_\_  
Name of company:

**Monday, 04 September 2023**  
Date



# UNDERTAKING UNDER OATH/ AFFIRMATION

I, **Richard Myburgh** swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

*Richard Myburgh*

Signature of the registered Environmental Assessment Practitioner

**Praxos 373 (Pty) Ltd**

Name of Company

**Monday, 04 September 2023**

Date

*M. Mampulo*

Signature of the Commissioner of Oaths

*2023/09/04*

Date

*Edenvale 2023/09/04 10:05*

*M. Mampulo*

(SIGNATURE OF THE COMMISSIONER OF OATHS)

**MILTON MAMPULO**

FULL FIRST NAMES AND SURNAME IN BLOCK LETTERS

*104 First Avenue*

(BUSINESS ADDRESS (STREET ADDRESS))

*Edenvale*

*sgc*

SA POLISIEDIENS  
SA POLICE SERVICE



**APPENDIX 7A  
RENEWABLE ENERGY DEVELOPMENT ZONE MAP**

**N/A**



**APPENDIX 7B**  
**EGI IN STRATEGIC TRANSMISSION CORRIDOR MAP**

**N/A**

**APPENDIX 7C  
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI**

**N/A**

**APPENDIX 7D**  
**MOTIVATION PERTAINING TO THE STANDARD AS PER GNR 2313**

The proposed ABO Ndaou Solar Energy Facility 2 development does not apply to the Standard in GNR 2313 on the following grounds:

Regulation 6 of GNR states that –

*“The Standard and the exclusions do not apply in the following instances:*

*6.1 Where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being very high or high by the national web based environmental screening tool and confirmed to be such through the application of the procedures set out in the Standard; or*

*6.2 where the site sensitivity verification for a specific theme identifies that the low or medium sensitivity rating of the national web based environmental screening tool is in fact high or very high; or*

*6.3 where the greater part of the proposed infrastructure falls outside any strategic transmission corridor.”*

In terms of sub-regulation 6.1, the following sensitivity themes were identified to be of high or very high environmental sensitivity in both the DFFE Screening Tool Report as well as verified on site by the respective specialists:

| <b>Specialist Study identified by Screening Tool</b> | <b>Sensitivity as per Screening Tool</b> | <b>Site Sensitivity following Verification</b> |
|--|--|--|
| Aquatic Biodiversity Theme                           | Very High                                | Low  |
| Avian Theme  | Very High                                | Medium   |
| Landscape (Solar) Theme                              | Very High                                | Low and High                                   |
| Terrestrial Biodiversity Theme                       | Very High                                | Medium   |

In terms of sub-regulation 6.3, please note that the Proposed Development is not located within any strategic transmission corridor.

**APPENDIX 7E**  
**EGI IN RENEWABLE ENERGY DEVELOPMENT ZONE MAP**

**N/A**

**APPENDIX 7F  
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI IN REDZ**

**N/A**

**APPENDIX 7G  
GAS TRANSMISSION PIPELINE INFRASTRUCTURE MAP**

**N/A**

**APPENDIX 7H**  
**PRE-NEGOTIATED ROUTE AGREEMENT FOR GAS TRANSMISSION PIPELINE**

**N/A**

**APPENDIX 8A  
LIST OF STRATEGIC INFRASTRUCTURE PROJECTS**

**N/A**

| <b>SIP NUMBER</b> | <b>SIP NAME</b> |
|-------------------|-----------------|
|                   |                 |
|                   |                 |
|                   |                 |
|                   |                 |
|                   |                 |
|                   |                 |
|                   |                 |



**APPENDIX 8B**  
**SIP CONFIRMATION LETTER FROM SIP COORDINATOR**

**N/A**

## APPENDIX 9 LIST OF SGIDS AND COORDINATES

Please include Farm name, portion number, SGID and coordinates (where applicable)

### GPS Co-ordinates of the Corner Points of the PV Facility

| FEATURE       | LATITUDE (S) |     |        | LONGITUDE (E) |     |        |
|---------------|--------------|-----|--------|---------------|-----|--------|
|               | DEG          | MIN | SEC    | DEG           | MIN | SEC    |
| Point 1       | -24°         | 01' | 22.58" | 29°           | 13' | 25.42" |
| Point 2       | -24°         | 01' | 37.96" | 29°           | 13' | 07.22" |
| Point 3       | -24°         | 01' | 48.27" | 29°           | 12' | 42.80" |
| Point 4       | -24°         | 01' | 36.63" | 29°           | 12' | 37.08" |
| Point 5       | -24°         | 01' | 17.92" | 29°           | 12' | 36.57" |
| Point 6       | -24°         | 01' | 05.27" | 29°           | 13' | 02.15" |
| Central Point | -24°         | 01' | 23.85" | 29°           | 12' | 57.00" |

### GPS Co-ordinates of the Proposed Access Road

| FEATURE            | LATITUDE (S) |     |        | LONGITUDE (E) |     |        |
|--------------------|--------------|-----|--------|---------------|-----|--------|
|                    | DEG          | MIN | SEC    | DEG           | MIN | SEC    |
| Access Road Start  | -24°         | 01' | 56.31" | 29°           | 14' | 02.98" |
| Access Road Middle | -24°         | 01' | 36.84" | 29°           | 13' | 45.47" |
| Access Road End    | -24°         | 01' | 22.03" | 29°           | 13' | 24.69" |

### GPS Co-ordinates of the Proposed Secondary Access Road

| FEATURE                      | LATITUDE (S) |     |        | LONGITUDE (E) |     |        |
|------------------------------|--------------|-----|--------|---------------|-----|--------|
|                              | DEG          | MIN | SEC    | DEG           | MIN | SEC    |
| Secondary Access Road Start  | -24°         | 01' | 56.31" | 29°           | 14' | 02.98" |
| Secondary Access Road Middle | -24°         | 02' | 49.10" | 29°           | 13' | 11.40" |
| Secondary Access Road End    | -24°         | 01' | 47.32" | 29°           | 12' | 42.33" |



## APPENDIX 11 PROJECT SCHEDULE

| Task   | Dates     | Mar-23 | Apr-23 | May-23 | Jun-23 | Jul-23 | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 |  |
|--|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|  |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pre-Application Meeting                      | 17-Mar-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| EAP Site Visit (02 – 04 May 2023)            | 04-May-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Application for EA                           | 11-Sep-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| EA Application Acknowledgement               | 21-Sep-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Preparation and Submission of DSR            | 13-Sep-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Public Review Period (13 Sept - 16 Oct 2023) | 16-Oct-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Preparation and Submission of FSR            | 20-Oct-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Receipt of Decision on FSR                   | 05-Dec-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Preparation and Submission of DEIR           | 13-Dec-23 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Public Review Period (Start Date)            | 08-Jan-24 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Public Review Period (End Date)              | 06-Feb-24 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

| Task                               | Dates     | Mar-23 | Apr-23 | May-23 | Jun-23 | Jul-23 | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 |
|------------------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Preparation and Submission of FEIR | 26-Feb-24 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Receipt of Decision on Application | 17-Jun-24 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

**APPENDIX 12**  
**SECTION 50(5) OF NEM:PAA APPROVAL**

**N/A**

**APPENDIX 13**  
**NOTICE OF INTENT IN TERMS OF NHRA 25 OF 1999**

**N/A**

**APPENDIX 14**  
**SCREENING TOOL REPORT**



**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS  
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE  
ENVIRONMENTAL SENSITIVITY**

**EIA Reference number:**

**Project name:** ABO Ndaou Solar 2

**Project title:** Ndaou 2

**Date screening report generated:** 04/04/2023 08:13:44

**Applicant:** ABO Wind

**Compiler:** Richard Myburgh

**Compiler signature:**



**Application Category:** Utilities Infrastructure | Electricity | Generation | Renewable | Solar | PV

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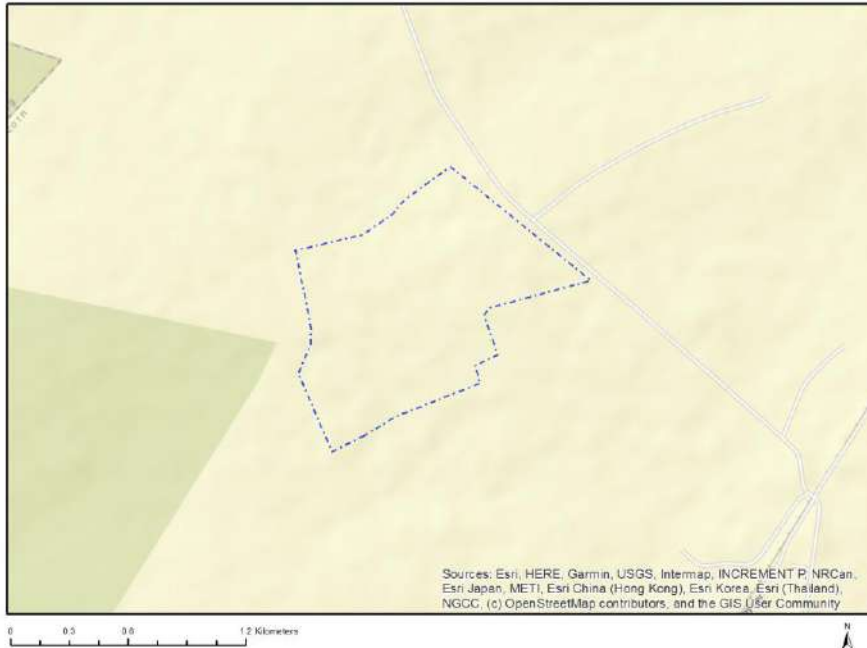
|  |    |
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# Proposed Project Location

## Orientation map 1: General location



## Map of proposed site and relevant area(s)



## Cadastral details of the proposed site

Property details:

| No | Farm Name | Farm/ Erf No | Portion | Latitude    | Longitude    | Property Type |
|----|-----------|--------------|---------|-------------|--------------|---------------|
| 1  | ROTTERDAM | 12           | 0       | 24°1'25.28S | 29°12'43.08E | Farm          |
| 2  | ROTTERDAM | 12           | 2       | 24°2'11.24S | 29°12'44.33E | Farm Portion  |
| 3  | ROTTERDAM | 12           | 5       | 24°1'16.29S | 29°12'39.97E | Farm Portion  |

Development footprint<sup>1</sup> vertices:

No development footprint(s) specified.

## Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

| No | EIA Reference No    | Classification | Status of application | Distance from proposed area (km) |
|----|---------------------|----------------|-----------------------|----------------------------------|
| 1  | 14/12/16/3/3/1/634  | Solar PV       | Approved              | 25.2                             |
| 2  | 12/12/20/2153       | Solar PV       | Approved              | 15.1                             |
| 3  | 12/12/20/2352       | Solar PV       | Approved              | 27.8                             |
| 4  | 14/12/16/3/3/2/1049 | Solar PV       | Approved              | 24.1                             |

<sup>1</sup> "development footprint", means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

## Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

## Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

**Utilities Infrastructure | Electricity | Generation | Renewable | Solar | PV.**

### Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

| Incentive, restriction or prohibition                  | Implication   |
|--|---|
| Strategic Transmission Corridor-International corridor | <a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf</a> |

### Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

| Theme                                      | Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|--|-----------------------|------------------|--------------------|-----------------|
| Agriculture Theme                          |                       |                  | X                  |                 |
| Animal Species Theme                       |                       |                  | X                  |                 |
| Aquatic Biodiversity Theme                 | X                     |                  |                    |                 |
| Archaeological and Cultural Heritage Theme |                       |                  |                    | X               |
| Avian Theme                                | X                     |                  |                    |                 |
| Civil Aviation (Solar PV) Theme            |                       |                  | X                  |                 |
| Defence Theme                              |                       |                  |                    | X               |
| Landscape (Solar) Theme                    | X                     |                  |                    |                 |
| Paleontology Theme                         |                       |                  | X                  |                 |
| Plant Species Theme                        |                       |                  | X                  |                 |
| RFI Theme                                  |                       |                  | X                  |                 |
| Terrestrial Biodiversity Theme             | X                     |                  |                    |                 |

## Specialist assessments identified

Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

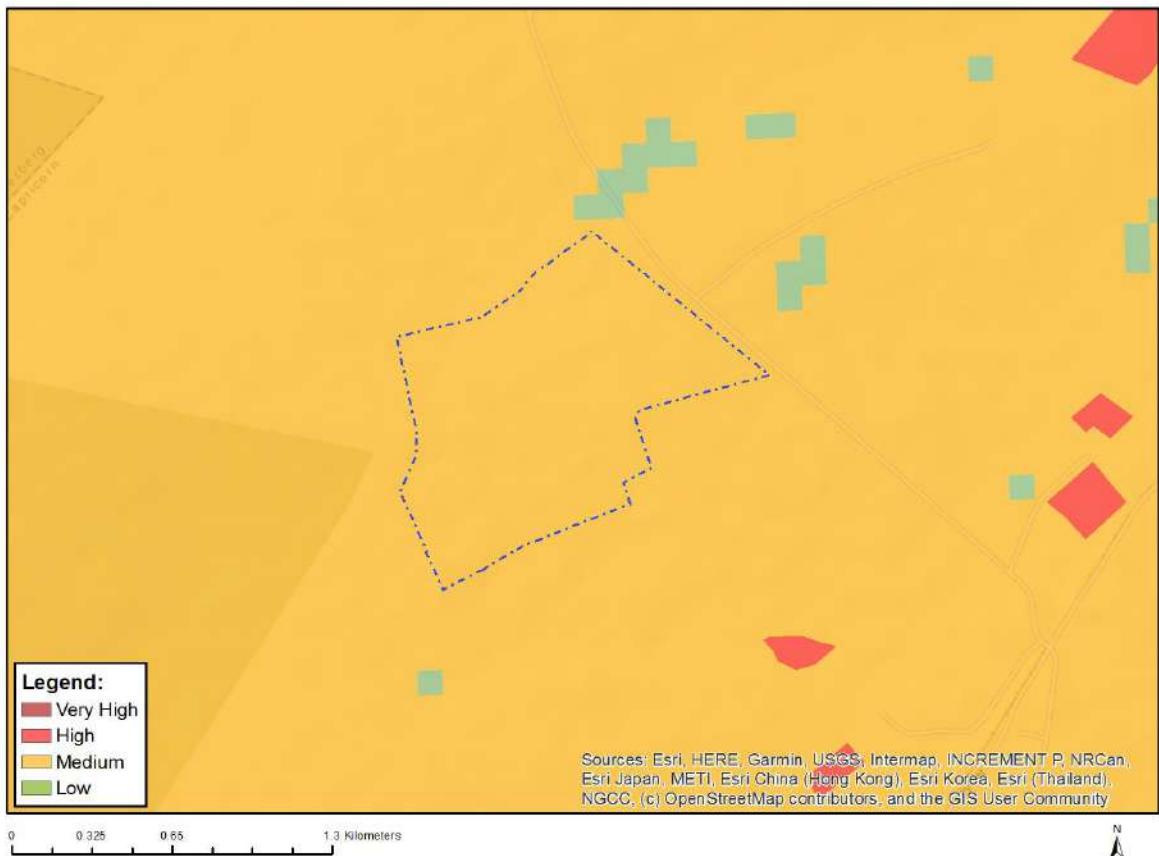
| No | Specialist assessment                                  | Assessment Protocol   |
|----|--|---|
| 1  | Agricultural Impact Assessment                         | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_WindAndSolar_Agriculture_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_WindAndSolar_Agriculture_Assessment_Protocols.pdf</a>         |
| 2  | Landscape/Visual Impact Assessment                     | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 3  | Archaeological and Cultural Heritage Impact Assessment | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 4  | Palaeontology Impact Assessment                        | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 5  | Terrestrial Biodiversity Impact Assessment             | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>         |
| 6  | Aquatic Biodiversity Impact Assessment                 | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>                 |
| 7  | Civil Aviation Assessment                              | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Civil_Aviation_Installations_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Civil_Aviation_Installations_Assessment_Protocols.pdf</a> |
| 8  | Defense Assessment                                     | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Defence_Installations_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Defence_Installations_Assessment_Protocols.pdf</a>               |
| 9  | RFI Assessment   | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 10 | Geotechnical Assessment                                | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 11 | Socio-Economic Assessment                              | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>                   |
| 12 | Plant Species Assessment                               | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf</a>                               |
| 13 | Animal Species Assessment                              | <a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf</a>                             |

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## Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

### MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY



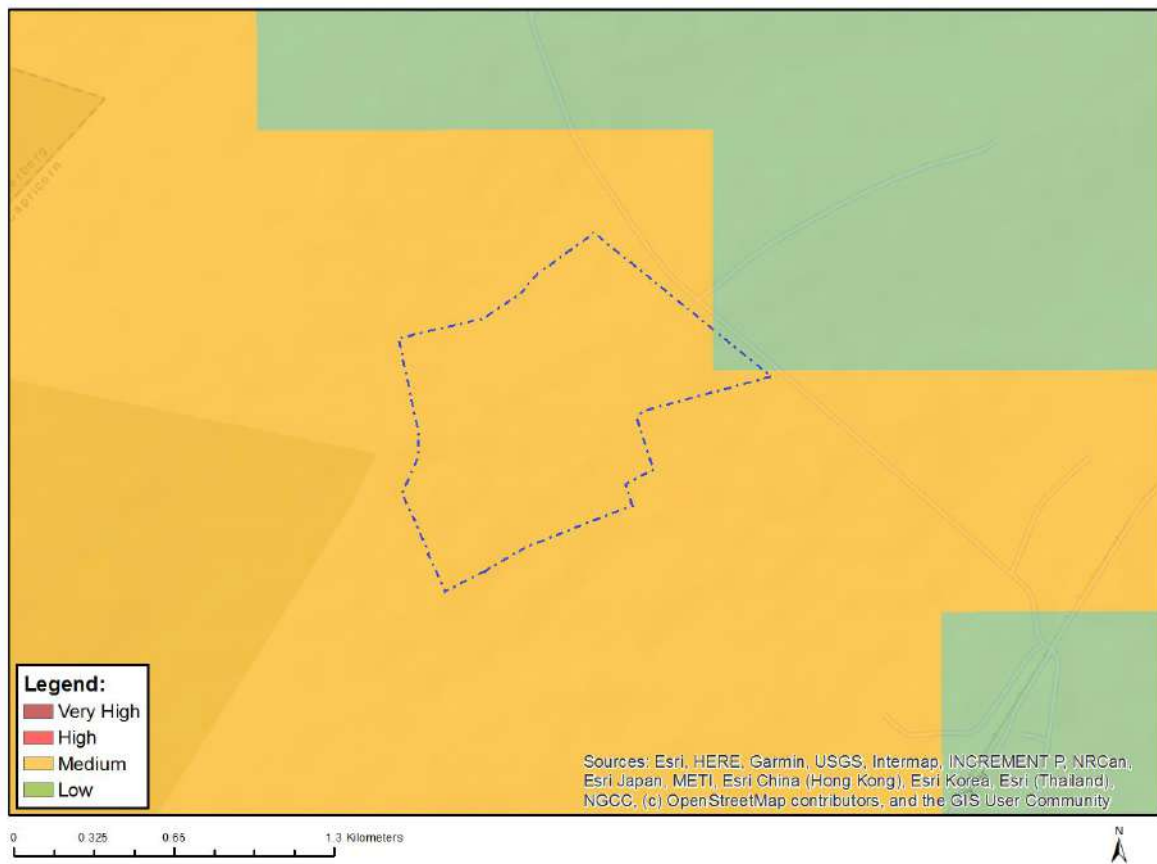
| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

#### Sensitivity Features:

| Sensitivity | Feature(s)   |
|-------------|--|
| Medium      | Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate |



## MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)                       |
|-------------|----------------------------------|
| Low         | Subject to confirmation          |
| Medium      | Mammalia-Crocidura maquassiensis |
| Medium      | Reptilia-Kinixys lobatsiana      |

## MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)                  |
|-------------|-----------------------------|
| Very High   | Strategic water source area |

# MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

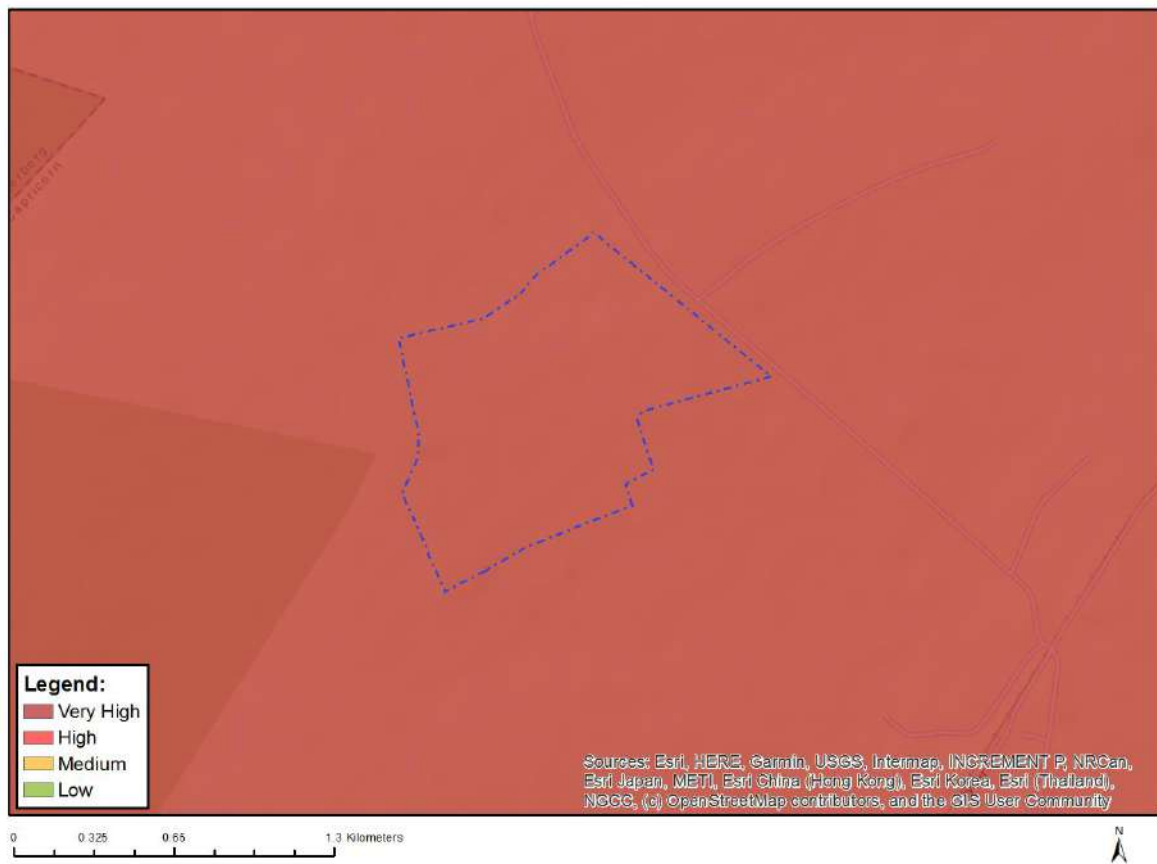


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  |                    | X               |

**Sensitivity Features:**

| Sensitivity | Feature(s)      |
|-------------|-----------------|
| Low         | Low sensitivity |

## MAP OF RELATIVE AVIAN THEME SENSITIVITY

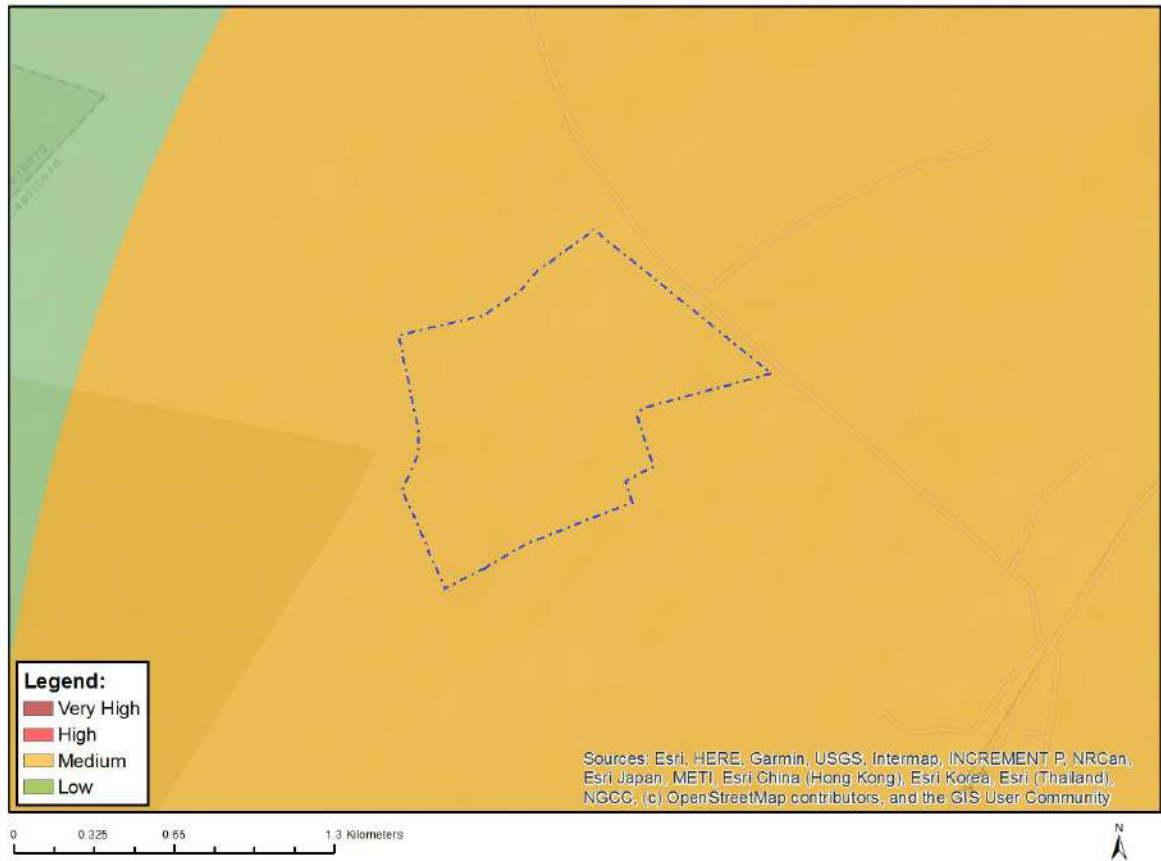


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)  |
|-------------|---|
| High        | within 20 km of known Cape Vulturerestartants sites |
| Very High   | within 50 km of Colonies                            |

## MAP OF RELATIVE CIVIL AVIATION (SOLAR PV) THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)                                       |
|-------------|--|
| Medium      | Within 8 km of an other civil aviation aerodrome |

MAP OF RELATIVE DEFENCE THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  |                    | X               |

Sensitivity Features:

| Sensitivity | Feature(s)      |
|-------------|-----------------|
| Low         | Low sensitivity |

## MAP OF RELATIVE LANDSCAPE (SOLAR) THEME SENSITIVITY

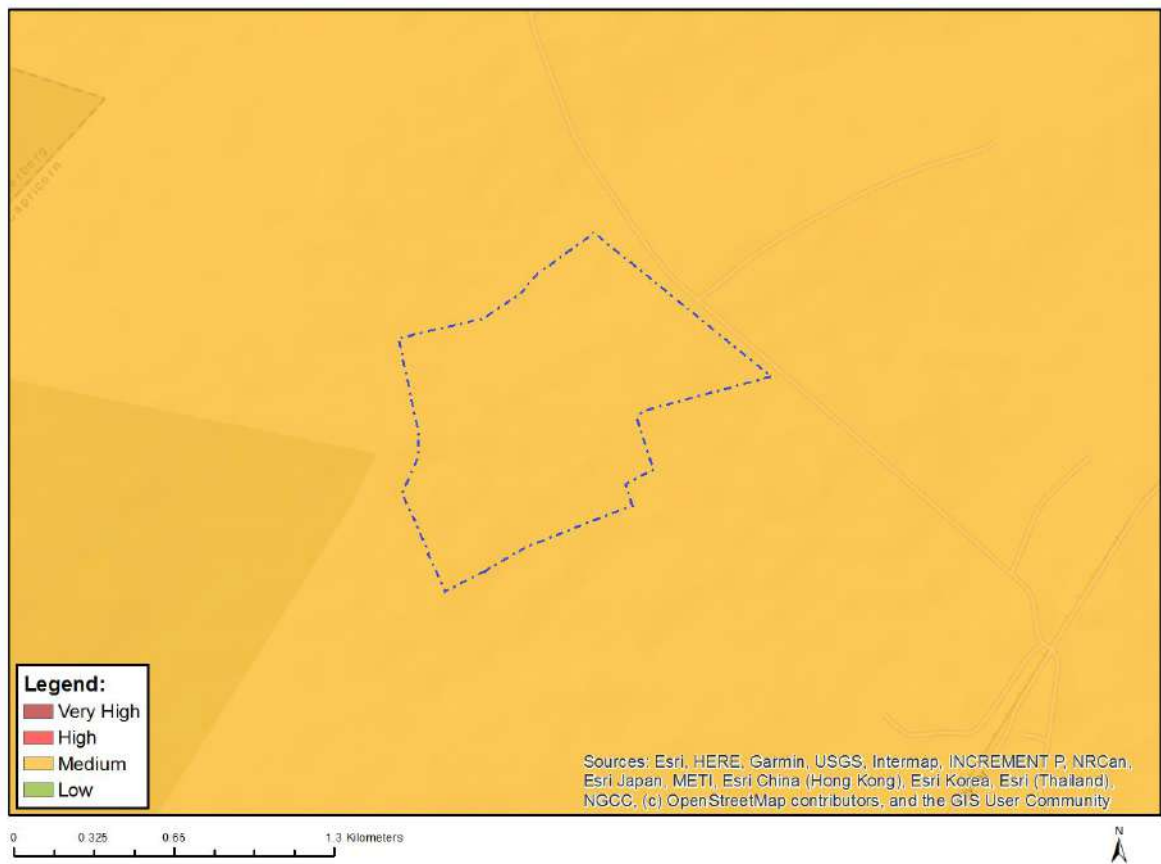


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)                               |
|-------------|--|
| High        | Between 1.5 and 3 km of a nature reserve |
| High        | Slope between 1:4 and 1:10               |
| Low         | Slope less than 1:10                     |
| Very High   | Within 1.5 km of a nature reserve        |
| Very High   | Mountain tops and high ridges            |

## MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



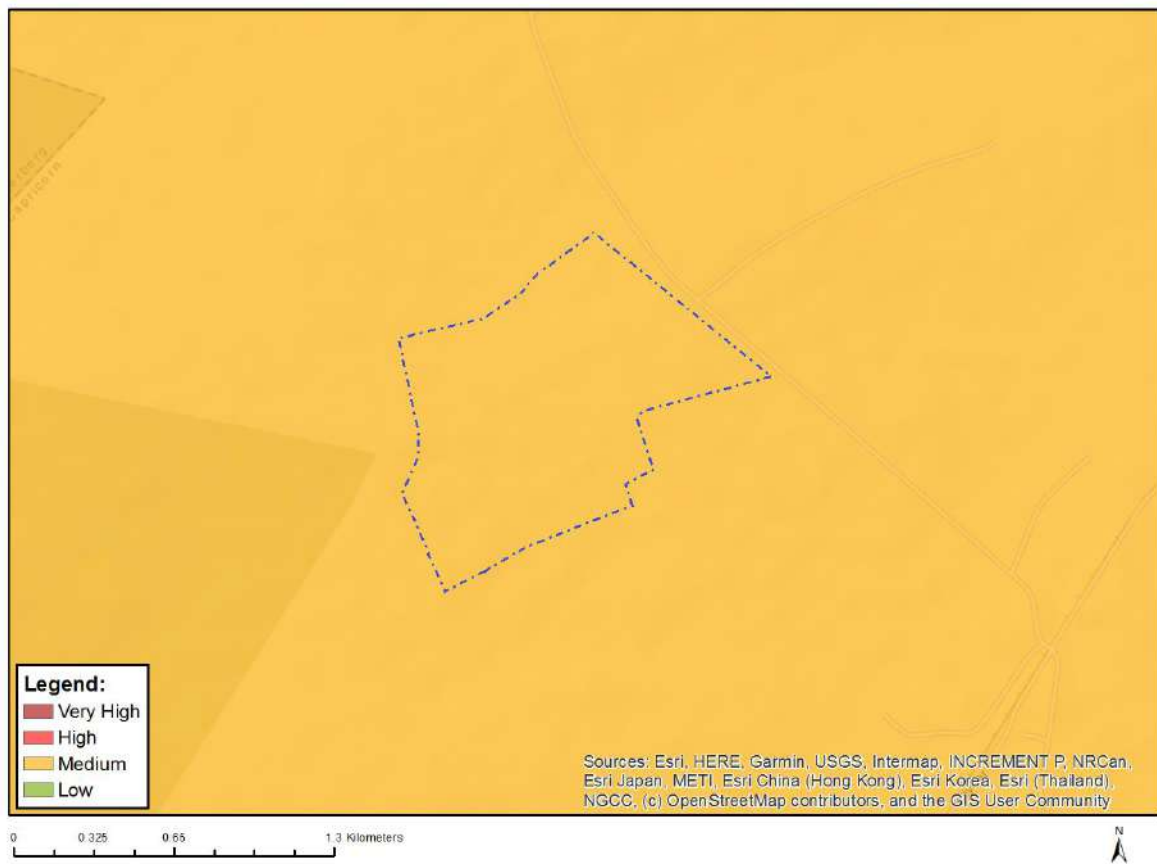
| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)   |
|-------------|--|
| Medium      | Features with a Medium paleontological sensitivity |



## MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)             |
|-------------|------------------------|
| Medium      | Sensitive species 1252 |
| Medium      | Sensitive species 550  |

## MAP OF RELATIVE RFI THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
|                       |                  | X                  |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)  |
|-------------|---|
| Medium      | Between 30 and 60 km from a Weather Radar installation and within the radar's line of sight |

## MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X                     |                  |                    |                 |

### Sensitivity Features:

| Sensitivity | Feature(s)                |
|-------------|---------------------------|
| Very High   | Ecological support area 1 |

**APPENDIX 15**  
**OTHER**

**DEPARTMENT OF ENVIRONMENTAL AFFAIRS**

NO. 779

01 JULY 2016

**NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998  
(ACT NO. 107 OF 1998)****IDENTIFICATION OF THE MINISTER AS COMPETENT AUTHORITY FOR THE CONSIDERATION  
AND PROCESSING OF ENVIRONMENTAL AUTHORISATIONS AND AMENDMENTS THERETO  
FOR ACTIVITIES RELATED TO THE INTEGRATED RESOURCE PLAN (IRP) 2010 - 2030**

The concern regarding who the competent authority is for environmental authorisation applications for renewable energy has been raised since 2011.

In December 2009 at the United Nations Framework Convention on Climate Change (UNFCCC), the President, honourable Jacob Zuma, committed South Africa to take nationally appropriate Carbon Dioxide (CO<sub>2</sub>) mitigation action to enable a 34% deviation below the "Business As Usual" emissions growth trajectory by 2020 and a 42% deviation below the "Business as Usual" emission growth trajectory by 2025. This commitment was made in line with the Articles of the United Nations Framework Convention on Climate Change (UNFCCC) and is being implemented, among others, through the Integrated Resource Plan (IRP) 2010 – 2030. This commitment, which was made in line with the relevant Articles of the UNFCCC and was communicated to the Secretariat of the UNFCCC on the 29 January 2010, changed the competency for authorising activities identified in terms of section 24(2) of NEMA which related to the Integrated Resource Plan, including associated activities and amendments. Since 29 January 2010 to date and in terms of section 24C(2)(a), the Minister of Environmental Affairs has exercised the powers as the competent authority in the instances where the activities had implications for international commitments or relations. The activities related to the Integrated Resources Plan (IRP) 2010 – 2030 are included in these activities.

Section 24C(2)(a)(i) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended by section 6 of the National Environmental Management Laws Amendment Act, 2013 (Act No. 30 of 2013), now requires that the Minister of Environmental Affairs must be identified as the competent authority for the issuing of environmental authorisations in respect of activities that have implications for international environmental commitments or relations and that have been identified by notice in the *Gazette*.

Therefore I, Bomo Edith Edna Molewa, Minister of Environmental Affairs, hereby in terms of section 24C(1), 24C(2)(a)(i) and 24D of the National Environmental Management Act, 1998, confirms that the Minister of Environmental Affairs is the Competent Authority for activities which are identified as activities in terms of section 24(2)(a), which may not commence without an environmental authorisation, and which relates to the Integrated Resources Plan (IRP) 2010 – 2030 and any updates thereto.

All environmental authorisations issued for activities that relates to the Integrated Resource Plan (IRP) 2010 – 2030 made by myself or a MEC in his or her capacity as the competent authority between the 30 January 2010 until the date of publication of the Government Notice in the *Gazette* must be regarded as valid and having been made under an agreement in terms of section 24C(3)(a) of the National Environmental Management Act, 1998. All pending applications on the date of publication of this notice in the *Gazette* must be submitted to the Minister of Environmental Affairs for finalisation.



**BOMO EDITH EDNA MOLEWA**  
**MINISTER OF ENVIRONMENTAL AFFAIRS**