

KARREEBOSCH WIND FARM (RF) (PTY) LTD

# PROPOSED KARREEBOSCH 132KV POWERLINE AND SUBSTATION PROJECT, WESTERN AND NORTHERN CAPE

## STAKEHOLDER ENGAGEMENT REPORT

23 AUGUST 2022

DRAFT





PROPOSED  
KARREEBOSCH 132KV  
POWERLINE AND  
SUBSTATION  
PROJECT, WESTERN  
AND NORTHERN CAPE  
STAKEHOLDER  
ENGAGEMENT REPORT

KARREEBOSCH WIND FARM (RF) (PTY)  
LTD

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# 1 INTRODUCTION

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## 1.1 PROJECT BACKGROUND

Karreebosch Wind Farm (RF) (Pty) Ltd propose to construct a 132kV twin tern double circuit overhead powerline (OHPL), an onsite 33/132kV substation (and associated road infrastructure) to evacuate power for the authorised Karreebosch WEF (Ref: 14/12/16/3/3/2/807/AM3, which is currently undergoing a Part 2 EA amendment, final layout and EMPr approval process) to the existing Komsberg substation via the existing Bon Espirange substation.

The proposed OHPL is situated near Matjiesfontein in the Laingsburg Local Municipality within the Central Karoo District Municipality of the Western Cape Province as well as near Sutherland in the Karoo Hoogland Local Municipality in the Namakwa District Municipality of the Northern Cape, South Africa (**Figure 1 1**).

The proposed Karreebosch OHPL will evacuate power from the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3, which is currently undergoing a Part 2 EA amendment, final layout and EMPr approval process), located in the Northern Cape Province, and will connect to the existing Komsberg substation. The WEF site is located approximately 40 km north of Matjiesfontein.

The entire extent of the proposed 132kV Karreebosch Overhead Powerline (OHPL), 33/132kV Substation and associated infrastructure is located within one (1) of the Strategic Transmission Corridors, namely the Central Corridor, as defined in and in terms of the procedures laid out in Government Notice (GN) No. 113. The proposed OHPL project will therefore be subject to a Basic Assessment (BA) Process in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA) (as amended) and Appendix 1 of the EIA Regulations, 2014 promulgated in Government Gazette 40772 and GN R326, R327, R325 and R324 on 7 April 2017. The competent authority for this BA process is the national Department of Forestry, Fisheries and Environment (DFFE).



**Figure 1-1: Location of the Proposed 132kV Karreebosch OHPL and substation.**

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## 1.2 TERMS OF REFERENCE AND DETAILS OF THE EAP

WSP was appointed in the role of Independent EAP to undertake the BA process for the proposed Project. This Stakeholder Engagement Report was compiled as part of the BA process and must be read in conjunction with the Basic Assessment Report (BAR) in support of the EA application. The CV of the EAP is available in **Appendix A** of the BAR. The EAP declaration of interest and undertaking is included in **Appendix B** of the BAR. **Table 1-1** details the relevant contact details of the EAP.

**Table 1-1: Details of the EAP**

EAP	WSP GROUP AFRICA (PTY) LTD
Contact Person:	Ashlea Strong
Physical Address:	Building C, Knightsbridge, 33 Sloane Street, Bryanston, Johannesburg
Postal Address:	P.O. Box 98867, Sloane Park 2151, Johannesburg
Telephone:	011 361 1392
Fax:	011 361 1301
Email:	<a href="mailto:Ashlea.Strong@wsp.com">Ashlea.Strong@wsp.com</a>
EAP Qualifications:	— Masters in Environmental Management, University of the Free State — B Tech, Nature Conservation, Technikon SA — National Diploma in Nature Conservation, Technikon SA
EAPASA Registration Number:	EAPASA (2019/1005)

To adequately identify and assess potential environmental impacts, the EAP was supported by a number of specialists, the details of which are provided in the BAR.

### STATEMENT OF INDEPENDENCE

Neither WSP nor any of the authors of this Report have any material present or contingent interest in the outcome of this Report, nor do they have any business, financial, personal or other interest that could be reasonably regarded as being capable of affecting their independence. WSP has no beneficial interest in the outcome of the assessment.

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## 1.3 PUBLIC PARTICIPATION

Public participation is understood to be a series of inclusive and culturally appropriate interactions aimed at providing stakeholders with opportunities to express their views, so that these can be considered and incorporated into the decision-making process. Effective public participation requires the prior disclosure of relevant and adequate project information to enable stakeholders to understand the risks, impacts, and opportunities of the proposed Project.

Basic reasons why the public are involved in the BA Process:

- The environment is held in public trust, therefore use of environmental resources is everyone's concern.
- To ensure that projects meet the citizens' needs and are suitable to the affected public.
- The project carries more legitimacy, and less hostility, if interested and affected parties (I&APs) are able to influence the decision-making process.
- The final decision is deemed informed when local knowledge and values are included and when expert knowledge is publicly examined.

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### 1.3.1 OBJECTIVES

The objectives of the public participation process (PPP) can be summarised as follows:

- Identify relevant individuals, organisations and communities who may be interested in or affected by the proposed Project;
- Clearly outline the scope of the proposed Project, including the scale and nature of the existing and proposed activities;
- Identify viable proposed Project alternatives that will assist the relevant authorities in making an informed decision;
- Identify shortcomings and gaps in existing information;
- Identify key concerns, raised by I&APs that should be addressed in the subsequent specialist studies;
- Highlight the potential for environmental impacts, whether positive or negative; and
- To inform and provide the public with information and an understanding of the proposed Project, issues and solutions.

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### 1.3.2 WHAT IS AN INTERESTED AN AFFECTED PARTY?

An I&AP is defined as any person, group of persons or organisations interested in or affected by an activity, and any organ of state that may have jurisdiction over any aspect of the activity.

The difference between an I&AP and a registered I&AP:

- An I&AP can be directly or indirectly impacted on by a proposed activity.
- A registered I&AP is a person whose name has been placed on the register of registered I&APs. According to the PPP Guidance document, (DEA, 2017), only registered I&APs will be notified:
  - Of the availability of reports and other written submissions made to the competent authority (CA) by the Applicant, and be entitled to comment on these reports and submissions; and
  - Of the outcome of the application, the reasons for the decision, and that an appeal may be lodged against a decision.

For the purpose of this report, registered I&APs will be referred to as Stakeholders.

### RIGHTS, ROLES AND RESPONSIBILITIES OF THE STAKEHOLDER

Registered stakeholders have the right to bring to the attention of the CA any issues that they believe may be of significance to the consideration of the application. The rights of stakeholder are qualified by certain obligations, namely:

- Stakeholders must ensure that their comments are submitted within the timeframes that have been approved by the DFFE, or within any extension of a timeframe agreed by the Proponent, EAP or CAs;
- Serve a copy of the comments submitted directly to the CAs, the Proponent or the EAP; and
- Disclose to the EAP any direct business, financial, personal or other interest that they might have in the approval or refusal of the application.

The roles of stakeholders in a public participation process usually include one or more of the following:

- Assisting in the identification and prioritisation of issues that need to be investigated;
- Making suggestions on alternatives and means of preventing, minimising and managing negative impacts and enhancing proposed Project benefits;
- Assisting in or commenting on the development of mutually acceptable criteria for the evaluation of decision options;
- Contributing information on public needs, values and expectations;
- Contributing local and traditional knowledge; and
- Verifying that their issues have been considered.

In order to participate effectively, stakeholders should:

- Become involved in the process as early as possible;
- Register as a stakeholder;
- Advise the EAP of other stakeholders who should be consulted;
- Contribute towards the design of the public participation process (including timeframes) to ensure that it is acceptable to all stakeholders;
- Follow the process once it has been accepted;
- Read the material provided and actively seek to understand the issues involved;
- Give timeous responses to correspondence;
- Be respectful and courteous towards other stakeholders;
- Refrain from making subjective, unfounded or ill-informed statements; and
- Recognise that the process is confined to issues that are directly relevant to the application.

## 1.4 APPROACH TO STAKEHOLDER ENGAGEMENT

Our approach to stakeholder engagement is based on the following principles:

- Undertake meaningful and timely participation with stakeholders;
- Focus on important issues during the process;
- Undertake due consideration of alternatives;
- Take accountability for information used;
- Encourage co-regulation, shared responsibility and a sense of ownership over the proposed Project lifecycle;
- Apply “due process” particularly with regard to public participation as provided for in the EIA Regulations; and
- Consider the needs, interests and values of stakeholders.

The Public Participation guideline in terms of the NEMA EIA Regulations (2014, as amended), drafted by the DEA (now DFFE) in 2017, tabulates the level of Public Participation required for various levels of anticipated project impacts. This table has been used to identify additional Public Participation methods which are required for the Project. Highlighted cells indicate the applicable response to the anticipated impacts. Results of the process are shown in **Table 1-2** below.

**Table 1-2: Level of Public Participation as per Public Participation Guideline (DEA, 2017)**

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Are the impacts of the project likely to extend beyond the boundaries of the local municipality?	Formal Consultation with other affected municipalities should be carried out during the PPP.	No need to have a formal consultation with other municipalities during PPP. Minimum requirements for public participation in accordance to EIA must be met.
Are the impacts of the project likely to extend beyond the boundaries of the province?	Formal Consultation with other affected provinces should be carried out during the PPP.	No need to have a formal consultation with other provinces during PPP. Minimum requirements for public participation in accordance to EIA must be met.



SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Is the project a greenfields development (a new development in a previously undisturbed area)?	Extensive consultation with Registered Interested and Affected Parties (RI&APs) might be required before a decision is taken on the project in order to gather more information, and to ensure that there is minimal impact on the environment.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Does the area already suffer from socio-economic problems (e.g. job losses) or environmental problems (e.g. pollution), and is the project likely to exacerbate these?	Extensive consultation with RI&APs within the area should be undertaken, to gather more information on both the socio-economic and environmental problems.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the project expected to have a wide variety of impacts (e.g. socio-economic and ecological)?	Thorough consultation needs to be conducted with RI&APs, in order to address variety of impacts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
<b>Public and environmental sensitivity of the project:</b>		
Are there widespread public concerns about the potential negative impacts of the project?	Broader consultation with all RI&APs will need to be undertaken.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is there a high degree of conflict among Registered I&APs?	There might need to be more consultation to ensure that there is consensus reached among RI&APs.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Will the project impact on private land other than that of the applicant?	Consultation with the private land owner must be done, and all their concerns need to be addressed.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Does the project have the potential to create unrealistic expectations (e.g. that a new factory would create a large number of jobs)?	Thorough consultation that addresses the perceptions of unrealistic expectations needs to be carried out.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
<b>Potentially affected parties:</b>		
Has very little previous public participation taken place in the area?	More thorough public participation should take place within the area, to ensure that all potential and RI&APs participate.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Did previous public participation processes in the area result in conflict?	Additional consultation might be needed to ensure that issues of conflict are addressed effectively.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Are there existing organisational structures (e.g. local forums) that can represent I&APs?	Organizational structures might minimise conflict whilst maximising the participation.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Is the area characterised by high social diversity (i.t.o. socio-economic status, language or culture)?	Proper consultations that address language and cultural diversity should be promoted.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Were people in the area victims of unfair expropriations or relocation in the past?	PPP should be extensive and address any unfair practices that occurred in the past.	Minimum requirements for public participation in accordance to EIA Regulations must be met.

SCALE OF ANTICIPATED IMPACTS:	RECOMMENDED RESPONSE	
	IF “YES”	IF “NO”
Is there a high level of unemployment in the area?	The PPP should ensure that there are no unrealistic expectations created due to the project. The consultation should ensure that any unrealistic expectations are adequately addressed before the project starts.	Minimum requirements for public participation in accordance to EIA Regulations must be met.
Do the Registered I&APs have special needs (e.g. a lack of skills to read or write, disability, etc)?	Consultation should include mechanisms that will ensure full participation by people with special needs.	Minimum requirements for public participation in accordance to EIA Regulations must be met. Minimum requirements for PP in accordance to the Act must be met as well as best practices relating to PP.

## 1.5 PUBLIC PARTICIPATION PLAN

As part of the pre-application consultation meeting held with DFFE on 02 August 2022, the proposed plan for public participation was discussed. **Table 1-3** below outlines the Public Participation Plan for the proposed Karreebosch 132kV OHPL and Substation Project.

**Table 1-3: Public Participation Plan**

SUMMARY OF PPP REQUIREMENT (GNR 326 OF EIA REGULATIONS)	PROPOSED PLAN/ACTIVITIES
<p>41(2) The person conducting a PPP must give notice to all potential I&amp;APs by-</p> <p>(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of—</p> <p>(i) the site where the activity to which the application or proposed application relates is or is to be undertaken; and</p> <p>(ii) any alternative site;</p>	<ul style="list-style-type: none"> <li>– Placement of site notices (in English and Afrikaans) at appropriate locations on site and in the surrounding area.</li> <li>– This will include the boundary to the site and/or along the powerline alignments, as well as additional public places in the closest towns within the project area, such as grocery stores, municipality, and/or local public library.</li> </ul>
<p>(b) giving written notice, in any of the manners provided for in section 47D of the Act, to—</p> <p>(i) the occupiers of the site and, if the proponent or applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken;</p> <p>(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken;</p> <p>(iii) the municipal councillor of the ward in which the site and alternative site is situated</p>	<ul style="list-style-type: none"> <li>– Written notification (in English and Afrikaans) will be sent to owners and occupiers on or adjacent to the proposed project site, relevant municipality ward councillor/s, local and district municipalities, and relevant state departments.</li> <li>– General communication (written notification) with stakeholders (public and government departments/authorities) throughout the Basic Assessment (BA) process.</li> <li>– Stakeholders will be added to the database on request as the project progresses.</li> </ul>

**SUMMARY OF PPP REQUIREMENT  
(GNR 326 OF EIA REGULATIONS)**

**PROPOSED PLAN/ACTIVITIES**

<p>and any organisation of ratepayers that represent the community in the area;</p> <p>(iv) the municipality which has jurisdiction in the area;</p> <p>(v) any organ of state having jurisdiction in respect of any aspect of the activity; and</p> <p>(vi) any other party as required by the competent authority;</p>	
<p>(c) placing an advertisement in—</p> <p>(i) one local newspaper; or</p> <p>(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;</p>	<p>An advert will be published in two local newspapers (in English and Afrikaans), formally announcing the commencement of the Environmental Authorisation (EA) application process, requesting stakeholders to register their interest in the project, and informing them of the release of the Draft BAR (including all specialist reports) for public review and comment.</p>
<p>(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken</p>	<p>One advert will be placed in a regional newspaper (which covers the full study area as the impact of the OHPL activities extend within the boundaries of two district municipalities and Provinces, namely Die Burger and Die Noordwester.</p>
<p>(e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desirous of but unable to participate in the process due to—</p> <p>(i) illiteracy;</p> <p>(ii) disability; or</p> <p>(iii) any other disadvantage.</p>	<ul style="list-style-type: none"> <li>— The existing database for the Karreebosch WEF Project will be verified and updated for the purposes of the BA process. As part of the verification process, existing I&amp;APs will be contacted telephonically and asked to confirm their preferred method of communication. The POPI act will also be put into consideration to confirm all the relevant POPI requirements for the database.</li> <li>— The relevant ward councillors will be contacted to ensure that community-based organisations are aware of the Project and can assist in distributing and communicating relevant Project information to community members.</li> <li>— No public meetings or focus group discussions have been provided for, unless they are specifically requested.</li> </ul>
<p>(42) A proponent or applicant must ensure the opening and maintenance of a register of interested and affected parties and submit such a register to the competent authority,</p>	<ul style="list-style-type: none"> <li>— Stakeholders with a potential interest in the Project will be identified at the outset of the Project. As noted above, the existing database for the Karreebosch WEF Project will be verified and updated for the purposes of the BA process. The database will also be updated to include landowners and other stakeholders relevant to the Project.</li> <li>— All stakeholders identified will be registered on the project stakeholder database, and the database will be maintained throughout the BA process.</li> </ul>
<p>(43) &amp; (44) Registered Interested and affected parties (I&amp;APs) must be given 30 days to comment on the draft Report</p>	<p>The Draft BAR will be made available to all stakeholders for a 30-day comment period. The Draft BAR will be made available to stakeholders as follows:</p> <ul style="list-style-type: none"> <li>— From WSP on request</li> <li>— Sutherland Public Library</li> </ul>



**SUMMARY OF PPP REQUIREMENT  
(GNR 326 OF EIA REGULATIONS)**

**PROPOSED PLAN/ACTIVITIES**

	<ul style="list-style-type: none"><li>– Laingsburg Public Library</li><li>– G7 Website: <a href="https://ppp.g7energies.com/KGRID6v78!">https://ppp.g7energies.com/KGRID6v78!</a></li></ul> <p>A Comment and Response Report (CRR) will be generated for inclusion in Final BAR for consideration by the CA.</p>
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## 2 PUBLIC PARTICIPATION TO DATE

### 2.1 PRE-APPLICATION CONSULTATION

A pre-application meeting was held on 02 August 2022 with the DFFE in order to discuss the proposed Project. The minutes of this meeting are included in **Appendix C**.

### 2.2 IDENTIFICATION OF KEY STAKEHOLDERS

Section 41 of the NEMA EIA Regulations (2014, as amended) states that written notices must be given to identified stakeholders as outlined in **Table 2-1**.

Relevant authorities (Organs of State) have been automatically registered as I&APs. In accordance with the EIA Regulations, 2014 (as amended), all other persons must request in writing to be placed on the register, submit written comments, or attend meetings to be registered as stakeholders, and included in future communication regarding the Project.

**Table 2-1: Interested and Affected Parties Table**

NEMA REQUIREMENT	DISCUSSION
<i>(i) the owner or person in control of that land if the applicant is not the owner or person in control of the land</i>	The project activity is located on thirteen portions of privately owned land. The landowners have been included on the stakeholder database.
<i>(ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken</i>	All landowners have been contacted to confirm whether there are any occupiers on the land portions. Where applicable, occupiers have been included on the database.
<i>(iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken</i>	Adjacent landowner details were collected and have been included on the stakeholder database. Where applicable, occupiers have been included on the database.
<i>(iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area</i>	Ward Councillors of Ward 1 (Laingsburg Local Municipality) and Ward 3 (Karoo Hoogland Local Municipality) have been included on the stakeholder database.
<i>(v) the municipality which has jurisdiction in the area</i>	The Laingsburg Local Municipality, which is located in the Central Karoo District Municipality (Western Cape) and the Karoo Hoogland local Municipality, which is located in the Namakwa District Municipality (Northern Cape) have been included on the stakeholder database.
<i>(vi) any organ of state having jurisdiction in respect of any aspect of the activity</i>	DFFE (as the CA) has been, and will continue to be, consulted. The Western Cape Department Environmental Affairs and Development Planning (DEA&DP) and the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (DAEARDLR) and included on the stakeholder database.
<i>(vii) any other party as required by the competent authority.</i>	All tiers of government, namely, national, provincial, local government and parastatals have been included on the stakeholder database. Inclusive of: <ul style="list-style-type: none"> <li>– DFFE</li> <li>– DFFE: Biodiversity Conservation Unit</li> <li>– DFFE: Protected Areas</li> <li>– Department of Water and Sanitation (DWS)</li> <li>– Department of Mineral Resources and Energy (DMRE)</li> <li>– Department of Transport</li> </ul>

NEMA REQUIREMENT	DISCUSSION
	<ul style="list-style-type: none"> <li>– National Energy Regulator of South Africa (NERSA)</li> <li>– Air Traffic and Navigation Services (ATNS)</li> <li>– South African Civil Aviation Authority (SACAA)</li> <li>– South African Heritage Resources Agency (SAHRA)</li> <li>– South African National Roads Agency SOC Ltd (SANRAL)</li> <li>– Western Cape Department of Environmental Affairs and Development Planning (DEA&amp;DP)</li> <li>– Western Cape Department of Agriculture (DoA)</li> <li>– Western Cape Department of Transport and Public Works</li> <li>– Heritage Western Cape (HWC)</li> <li>– Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (DAEARDLR)</li> <li>– Northern Cape Department of Transport, Safety &amp; Liaison</li> <li>– Northern Cape Provincial Heritage Authority</li> <li>– Eskom</li> <li>– CapeNature</li> <li>– BirdLife</li> <li>– Department of Defence</li> <li>– Endangered Wildlife Trust (EWT)</li> <li>– Southern African Large Telescope (SALT)</li> <li>– South African Astronomical Observatory (SAAO)</li> <li>– South African Radio Astronomy Observatory (SARAO)</li> </ul>

**Appendix A** provides a list of stakeholders registered on the Project database. The stakeholder database will be updated throughout the BA process.

## 2.2.1 NOTIFICATION PROCEDURES

### DIRECT NOTIFICATION

Notification of the proposed Project will be issued to potential Stakeholders, via direct correspondence (i.e. site notices and e-mail) on **23 August 2022**. The notification letter to be circulated is included in **Appendix B-3** of this report. Proof of notification will be included in the Final BA Report.

### ADVERTISEMENT

Notification of the proposed Project was issued to the general public via an advertisement on **19 August 2022**. The purpose of the advertisement was to notify the general public of the proposed application and provide an opportunity to register on the Project I&AP database and provide input into the process. A copy of the advertisement is included as **Appendix B-1**. The advertisement publication details are provided in **Table 2-2**. Proof of placement of the advertisements will be included in the Final BAR.

**Table 2-2: Dates on which the advert was published**

NEWSPAPER	PUBLICATION DATE
Die Burger	<b>19 August 2022</b>
Die Noordwester	<b>19 August 2022</b>

### SITE NOTICES

In accordance with GNR 326 Section 41(2)(a-b) site notices were developed (see **Appendix B-2**) and placed at two (2) strategic points along the OHPL route that are accessible by the public, as well as in public places within the town of Sutherland and Laingsburg. Site notices were placed on site on **19 August 2022**.

Proof of display and the mapped locations of the site notice placements along the route will be included in the Final BAR.

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## 2.2.2 AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

The Draft BA Report will be placed on public review for a period of 30 days from **23 August 2022** to **23 September 2022**, at the venues as follows:

- Hard Copy: Sutherland Public Library, Sarel Celliers Street, Sutherland, 6920 (Tel: 023 571 1429);
- Hard Copy: Laingsburg Public Library, Van Riebeeck Street, Laingsburg, 6900 (Tel: 023 551 1019);
- Electronic Copy: G7 Website: <https://ppp.g7energies.com/KGRID6v78!>
- Available on request through the EAP.

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## 2.2.3 STAKEHOLDER REGISTRATION

All stakeholders that either call in or send written correspondence, such as emails, fax, or post, to the EAP will be added to the database and their comments and/or queries will be responded to.

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## 2.3 COMMENTS RECEIVED

No comments have been received to date. Comments received from registered stakeholders will be captured and responded to within the comments and response report, which will form part of the Final BAR.

# APPENDIX

# A STAKEHOLDER DATABASE



KARREEBOSCH WIND FARM AND ASSOCIATED INFRASTRUCTURE, NORTHER AND WESTERN CAPE PROVINCE		
Organisation	I&AP Sector	I&AP Type
Cell C	Information Communications Technology	
Department of Transport and Public Work	Information Communications Technology	
Eskom	Information Communications Technology	State Owned Enterprise
SA Weather Services	Information Communications Technology	State Owned Enterprise
Telkom/ OpenServe	Information Communications Technology	
Telkom/ OpenServe	Information Communications Technology	
Vodacom	Information Communications Technology	
Vodacom	Information Communications Technology	
Vodacom	Information Communications Technology	
Abiance Trust IT 6383/1996	Agriculture & Farming	Interested and Affected Parties
ACED	Renewable Energy Developer	Interested and Affected Parties
ACED	Renewable Energy Developer	Interested and Affected Parties
ADV Le Roux Familie Trust	Agriculture & Farming	Impacted and Adjacent Landowner
ADV Le Roux Familie Trust	Agriculture & Farming	Direct Landowner (WEF)
ADV Le Roux Familie Trust	Agriculture & Farming	Direct Landowner (OHL)
ADV Le Roux Familie Trust	Agriculture & Farming	Adjacent Landowner (OHL)
ADV Le Roux Familie Trust	Agriculture & Farming	Adjacent Landowner (OHL)
African Wind Energy Association (AWEA)	Renewable Energy Association	Interested and Affected Parties
Agri SA	Agriculture & Farming	Interested and Affected Parties
Agri SA	Agriculture & Farming	Interested and Affected Parties
Agri SA	Agriculture & Farming	Interested and Affected Parties
Agri SA	Agriculture & Farming	Interested and Affected Parties
Agri SA Western Cape	Agriculture & Farming	Interested and Affected Parties
Agri SA Western Cape	Agriculture & Farming	Interested and Affected Parties
Agri SA Western Cape	Agriculture & Farming	Interested and Affected Parties
Air Traffic and Navigation Services (ATNS)	Organs of State	State Owned Enterprises
Air Traffic and Navigation Services (ATNS)	Organs of State	State Owned Enterprises
Altech Fleetcall	Information Communications Technology	
Altech Netstar	Information Communications Technology	
BirdLife South Africa	Nature and Conservation	Interested and Affected Party
BirdLife South Africa	State owned Enterprise	Interested and Affected party
Botanical Society of South Africa	Nature Conservation	Interested and Affected Parties
BreedNet Wireless Internet Solutions	Information Communications Technology	Interested and Affected Parties
Breednet/ Herotell	Information Communications Technology	
Building Energy	Independent Power Producer	Interested & Affected Parties
Building Energy		Interested and Affected party
Calldo Boerdery	Agriculture & Farming	Direct Landowner (OHL)

Cape Bird Club	Nature Conservation	Interested and Affected Parties
Cape Peninsula National Park	Nature Conservation	Interested and Affected Parties
CapeNature Scientific Services	Organs of State	Government Body
CapeNature Scientific Services	Organs of State	Government Body
Central Karoo District Municipality	Organs of State	Local Government
Charl Gerhardus du Plessis	Agriculture & Farming	Direct Landowner (WEF)
Charl Gerhardus du Plessis	Agriculture & Farming	Adjacent Landowner (OHL)
Cloete Family Trust	Agriculture & Farming	Adjacent Landowner
Cloete Family Trust	Agriculture & Farming	Adjacent Landowner (WEF)
De List Trust	Agriculture & Farming	Adjacent Landowner
Department of Agriculture, Forestry & Fisheries	Organ of State	National Government
Department of Agriculture, Forestry & Fisheries	Organ of State	National Government
Department of Agriculture, Forestry & Fisheries	Organs of State	National Government
Department of Communications	Organs of State	National Government
Department of Defence	Information Communications Technology	
Department of Economic Development	Organs of State	National Government
Department of Energy	Organs of State	National Government
Department of Energy	Organs of State	National Government
Department of Environmental Affairs	Organs of State	National Government
Department of Environmental Affairs	Organ of State	National Government
Department of Environmental Affairs	Project Steering Committee	
Department of Mineral Resources	Organs of State	National Government
Department of Mineral Resources	Organs of State	National Government
Department of Mineral Resources	Organs of State	National Government
Department of Public Works	Organs of State	National Government
Department of Science and Technology	Organs of State	National Government
Department of Science and Technology	Organs of State	National Government
Department of Transport	Organs of State	National Government
Department of Transport	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Department of Water and Sanitation	Organs of State	National Government
Dirk van Zyl Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Earthlife Africa	Nature Conservation	Interested and Affected Parties
Earthlife Africa	Nature Conservation	Interested and Affected Parties
Elandsfontein Boerdery	Agriculture & Farming	Interested and Affected Parties
Endangered Wildlife Trust	Nature & Conservation	Interested & Affected Party
Eskom Holdings SOC	Eskom	Direct Landowner (OHL)
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	State Owned Enterprises
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder
Eskom Holdings SOC Ltd	Organs of State	Stakeholder

Falcon Oil & Gas Ltd.	Mining	Interested and Affected Parties
G7 Renewable Energies	Renewable Energy Developer	Interested and Affected Parties
Gielie Hanekom Familietrust	Agriculture & Farming	Adjacent Landowner
Gielie Hanekom Familietrust	Agriculture & Farming	Adjacent Landowner (OHL)
Greater Cape Town Civic Alliance (GCTCA)	Civic Association	Interested and Affected Parties
Grootwater Private Nature Reserve	Nature Conservation	Interested and Affected Parties
GVJ Electrical & Instrumentation Contractors (Pty) Ltd	Construction	Interested and Affected Parties
HWB Communications	Business	Interested and Affected Parties
INCA Energy	Renewable Energy Developer	Interested and Affected Parties
Independent Communications Authority of South Africa (ICASA)	Organs of State	State Owned Enterprises
J & B Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Jacoba Johanna Conradie	Agriculture & Farming	Direct Landowner (WEF)
Jacoba Johanna Conradie	Agriculture & Farming	Direct Landowner (OHL)
JJ Le Roux Familie Trust	Agriculture & Farming	Impacted Landowner
JJ le Roux Familie Trust	Agriculture & Farming	Direct Landowner (OHL)
Johannes & Caththerina Breedt	Agriculture & Farming	Direct Landowner (WEF)
Johannes & Caththerina Breedt	Agriculture & Farming	Direct Landowner (WEF)
Kabeltouw Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Kannidood Project	Community Member	Interested and Affected Parties
Kannidood Project	Community Member	Interested and Affected Parties
Karoo Desert National Botanical Gardens	Nature Conservation	Interested and Affected Parties
Karoo Hoogland Local Municipality	Organs of State	Local Government
Karoo Hoogland Local Municipality	Organs of State	Local Government
Karoo Hoogland Local Municipality	Organs of State	Local Government
Kosie Steenkamp Familie Trust	Agriculture & Farming	Direct Landowner (WEF)
Laingsburg Local Municipality	Organs of State	Local Government
Laingsburg Local Municipality	Organs of State	Local Government
Laingsburg Local Municipality	Organs of State	Local Government
Laingsburg Local Municipality	Organs of State	Local Government
Laingsburg Tourism Office	Tourism	Interested and Affected Parties
Legal Resources Centre (LRC)	Law Practice	Interested and Affected Parties
Macroplan Town and Regional Planners	Business	Interested and Affected Parties
Mainstream Renewable Power South Africa	Renewable Energy Developer	Interested and Affected Parties
MM Esterhuysen Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Monsters Mill	Agriculture & Farming	Interested and Affected Parties
Moyeng Energy (Pty) Ltd	Renewable Energy Developer	Interested and Affected Parties
MTN	Information Communications Technology	
MTN Goup Limited	Information and Communication Technology	Interested and Affected Parties
Namakwa District Municipality	Organs of State	Local Government
Namakwa District Municipality	Organs of State	Local Government
National Energy Regulator of South Africa (NERSA)	Organs of State	State Owned Enterprises
National Energy Regulator of South Africa (NERSA)	Organs of State	State Owned Enterprises
Ngwao-Boswa Ya Kapa Bokone (Northern Cape Provincial Heritage Resources Authority)	Organs of state	Provincial Government
Northern Cape Department of Agriculture, Land Reform & Rural Development	Organs of State	Provincial Government



Northern Cape Department of Economic Development and Tourism	Organs of State	Provincial Government
Northern Cape Department of Environment and Nature Conservation	Organs of State	Provincial Government
Northern Cape Department of Environment and Nature Conservation	Organ of State	Provincial Government
Northern Cape Department of Environment and Nature Conservation	Organs of State	Provincial Government
Northern Cape Department of Environment and Nature Conservation	Organs of State	Provincial Government
Northern Cape Department of Environment and Nature Conservation	Organs of State	Provincial Government
Northern Cape Department of Roads and Public Works	Organs of state	Provincial Government
Northern Cape Department of Roads and Public Works	Organs of State	Provincial Government
Northern Cape Economic Development Agency	Organs of State	State Owned Enterprises
Ou Mure Boerdery (Pty) Ltd	Agriculture & Farming	Adjacent Landowner
Ou Mure Boerdery (Pty) Ltd	Agriculture & Farming	Adjacent Landowner (WEF)
PJ Moller Trust	Agriculture & Farming	Adjacent Landowner
Rainmaker Energy	Renewable Energy Developer	Interested and Affected Parties
Rietfontein Nature Reserve	Nature Conservation	Interested and Affected Parties
Ronel Trust	Agriculture & Farming	Adjacent Landowner
Ronel Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Rudolf Rix Familie Trust	Agriculture & Farming	Adjacent Landowner
SA Police	Information Communications Technology	State Owned Enterprise
Sentech Ltd	Information Communications Technology	State Owned Enterprise
Sentech Ltd	Information Communications Technology	State Owned Enterprise
South African Astronomical Observatory	Science and Technology	Interested and Affected Parties
South African Astronomical Observatory (SAAO)	Science and Technology	State Owned Enterprise
South African Astronomical Observatory (SAAO)	Science and Technology	State Owned Enterprise
South African Bat Assessment Advisory Panel (SABAAP)	Nature and Conservation	Interested and Affected Party
South African Civil Aviation Authority	Organ of State	State Owned Enterprise
South African Defence Force	Organs of State	State Owned Enterprises
South African Defence Force	Organs of State	State Owned Enterprises
South African Heritage Resources Agency (SAHRA)	Heritage	Government Body
South African National Parks	Organs of state	Government Body
South African National Roads Agency Limited	Organs of State	Stated Owned Enterprise
South African Weather Service	Organs of State	State Owned Enterprises
Southern African Bird Atlas Project 2	Nature Conservation	Interested and Affected Parties
Southern African Large Telescope	Science and Technology	Interested and Affected Party
Southern African Large Telescope (SALT)	Science and Technology	State Owned Enterprise
Southern Right Developments	Renewable Energy Developer	Interested and Affected Parties
Springbok Atlas	Tourism	Interested and Affected Parties
Square Kilometre Array (SKA): South Africa	Organs of State	Government Body
SRK Consulting (South Africa)	Environmental Consulting	Interested and Affected Parties
Standvastigheid Familie Trust	Agriculture & Farming	Direct Landowner (WEF)

Telkom SA Limited	Organ of State	State Owned Enterprise
Transnet	Information Communications Technology	
Transnet Ltd	Organs of State	State Owned Enterprises
Tuinplaas Trust	Agriculture & Farming	Adjacent Landowner
Van Der Vyver CJ Trust	Agriculture & Farming	Adjacent Landowner
Van Der Vyver CJ Trust	Agriculture & Farming	Adjacent Landowner (WEF)
Van Der Vyver CJ Trust	Agriculture & Farming	Adjacent Landowner (OHL)
Virginia Trust	Agriculture & Farming	Direct Landowner (WEF)
Vodacom Group (Pty) Ltd	Information and Communication Technology	Interested and Affected Parties
Western Cape Department of Agriculture	Organs of State	Provincial Government
Western Cape Department of Agriculture	Organs of State	Provincial Government
Western Cape Department of Economic Development and Tourism	Organs of State	Provincial Government
Western Cape Department of Economic Development and Tourism	Organs of State	Provincial Government
Western Cape Department of Environmental Affairs and Development Planning	Organs of State	Provincial Government
Western Cape Department of Environmental Affairs and Development Planning	Organs of State	Provincial Government
Western Cape Department of Environmental Affairs and Development Planning	Organs of State	Provincial Government
Western Cape Department of Transport and Public Works	Organs of State	Provincial Government
Western Cape Department of Transport and Public Works	Organs of State	Provincial Government
Western Cape Tourism	Tourism	Interested and Affected Parties
Wildlife and Environment Society of South Africa (WESSA)	Environment & Conservation	I&AP
Wildlife and Environment Society of South Africa (WESSA)	Nature Conservation	Interested and Affected Parties
Windlab Developments South Africa	Consultant	Interested and Affected Party
Witsenberg Local Municipality	Organs of State	Local Government
Witzenberg Properties (Pty) Ltd	Community Member	Interested and Affected Parties
Wolwekop Trust	Agriculture & Farming	Direct Landowner (WEF)
Wolwekop Trust	Agriculture & Farming	Adjacent Landowner (WEF)
World Wide Fund South Africa	Non-governmental Organisations	Interested and Affected Parties
ZB Loots Familie Trust	Agriculture & Farming	Adjacent Landowner
ZB Loots Familie Trust	Agriculture & Farming	Adjacent Landowner (OHL)
	Agriculture & Farming	Impacted Landowner
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Impacted Landowner
	Agriculture & Farming	Impacted Landowner
	Agriculture & Farming	Impacted Landowner
	Agriculture & Farming	Adjacent Landowner
	Agriculture & Farming	Adjacent Landowner
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Adjacent Landowner
	Agriculture & Farming	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Adjacent Landowner

	Community Member	Interested and Affected Parties
	Agriculture & Farming	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Community Member	Interested and Affected Parties
	Agriculture & Farming	Direct Landowner (WEF)
	Agriculture & Farming	Adjacent Landowner (WEF)
	Agriculture & Farming	Adjacent Landowner (WEF)
	Agriculture & Farming	Direct Landowner (OHL)

# APPENDIX

## **B** NOTIFICATIONS



## APPENDIX

# ***B-1*** ADVERTISEMENT

# **BASIC ASSESSMENT PROCESS: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE**

**Notice is given in terms of Regulation 41(2) of GNR 326 published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 327 and GNR 324 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended).**

## **BACKGROUND AND LOCATION**

The proponent, Karreebosch Wind Farm (RF) (Pty) Ltd (Karreebosch), proposes to construct a 132kV overhead powerline (OHPL) (up to 21km in length) and onsite 33/132kV substation. The proposed Karreebosch OHPL will evacuate power from the proposed Karreebosch onsite substation associated with the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3) and will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation. The proposed project is located within the Central Strategic Transmission Corridor (promulgated in GN 113 of 2018) and traverses the following properties:

- Portion 2 (Nuwe Kraal) of Farm Ek Kraal No. 199
- Remainder of Farm Wilgebosch Rivier No. 188
- Remainder of Farm Klipbanks Fontein No. 198
- Portion 1 of Farm Klipbanks Fontein No. 198
- Remainder of Farm Karreebosch No. 200
- Portion 1 of Farm Ek Kraal No. 199
- Remainder of Farm Ek Kraal No.199
- Remainder of Farm Bon Espirange No. 73
- Farm Rietfontein No. 197
- Portion 1 of Farm Bon Espirange No. 73
- Farm Aprils Kraal No. 105
- Remainder & Portion 2 of Farm Standvastigheid No. 210

## **ENVIRONMENTAL APPLICATION**

The following listed activities in GNR 327 and GNR 324 are triggered. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), as per the details provided below.

- **GNR 327 (Listing Notice 1): Activities 11, 12, 14, 19, 24, 27, 28, 48 and 56;**
- **GNR 324 (Listing Notice 3): Activities 4, 10, 12, 14, 18 and 23.**

A Basic Assessment (BA) process will therefore be followed as outlined in Regulation 19 of the EIA Regulations (2014, as amended). The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of this application for Environmental Authorisation.

## **DRAFT BA REPORT REVIEW PERIOD**

The Draft BA Report will be made available at the venues below for review and comment for 30 days from **23 August 2022 – 23 September 2022.**

- Sutherland Public Library, Sarel Celliers Street, Sutherland, 6920 (Tel: 023 571 1429);
- Laingsburg Public Library, Van Riebeeck Street, Laingsburg, 6900 (Tel: 023 551 1019);
- G7 Website: <https://ppp.g7energies.com/KGRID6v78!>

## **INVITATION TO REGISTER**

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

**Megan Govender**

**WSP Group Africa (Pty) Ltd**

**(T) (011) 361 1300**

**(F) (011) 361 1301**

**(E) [Megan.Govender@wsp.com](mailto:Megan.Govender@wsp.com)**



# **BASIESE ASSESSERINGSPROSES: KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE KARREEBOSCH 132KV OORHOOFSE KRAGLYN EN SUBSTASIE GELEË IN DIE KAROO HOOGLAND PLAASLIKE MUNISIPALITEIT EN DIE LAINGSBURG PLAASLIKE MUNISIPALITEIT IN DIE NOORDKAAP PROVINSIE EN WES-KAAP PROVINSIE**

**Kennis word gegee ingevolge Regulasie 41(2) van GNR 326 gepubliseer kragtens artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) (soos gewysig) vir 'n aansoekproses vir Omgewingsmagtiging (EA) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 327 en GNR 324 van die 2014 Omgewingsimpakbepaling (OIB) Regulasies (soos gewysig).**

## **AGTERGROND EN LIGGING**

Die voorstander, Karreebosch Wind Farm (RF) (Edms) Bpk (Karreebosch), stel voor om 'n 132kV oorhoofse kraglyn (OHPL) (tot 21km lank) en ter plaatse 33/132kV substasie te bou. Die voorgestelde Karreebosch OHPL sal krag ontruim vanaf die voorgestelde Karreebosch ter plaatse substasie wat verband hou met die gemagtigde Karreebosch WEF (EA Verw: 14/12/16/3/3/2/807/AM3) en sal met die bestaande 400kV Komsberg substasie verbind word via die bestaande Bon Espirange substasie. Die voorgestelde projek is geleë binne die Sentrale Strategiese Transmissiekorridor (gepromulgeer in GN 113 van 2018) en deurkruis die volgende eiendomme:

- Gedeelte 2 (Nuwe Kraal) van Plaas Ek Kraal No 199
- Restant van Plaas Ek Kraal No.199
- Restant van Plaas Wilgebosch Rivier No 188
- Restant van Plaas Bon Espirange No. 73
- Restant van Plaas Klipbanks Fontein No 198
- Plaas Rietfontein nr 197
- Gedeelte 1 van Plaas Klipbanks Fontein No 198
- Gedeelte 1 van Plaas Bon Espirange No. 73
- Restant van Plaas Karreebosch nr 200
- Plaas Aprils Kraal No 105
- Gedeelte 1 van Plaas Ek Kraal No 199
- Restant & Gedeelte 2 van Plaas Standvastigheid No. 210

## **OMGEWINGSTOEPASSING**

Die volgende gelyste aktiwiteite in GNR 327 en GNR 324 word geaktiveer. Indien u 'n volledige kopie van hierdie aktiwiteite wil bekom, kontak asseblief die Omgewingsevalueringstryksyn (OEP), soos per die besonderhede hieronder verskaf.

- GNR 327 (Lyskennisgewing 1): Aktiwiteite 11, 12, 14, 19, 24, 27, 28, 48 en 56;
- GNR 324 (Lyskennisgewing 3): Aktiwiteite 4, 10, 12, 14, 18 en 23.

'n Basiese Assessering (BA) proses sal dus gevolg word soos uiteengesit in Regulasie 19 van die OIB Regulasies (2014, soos gewysig). Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die Bevoegde Owerheid ten opsigte van hierdie aansoek om Omgewingsmagtiging.

## **KONSEP BA VERSLAG OORSIGTYDPERK**

Die Konsep BA-verslag sal vir 30 dae vanaf **23 Augustus 2022 – 23 September 2022** by die lokale hieronder beskikbaar gestel word vir kommentaar.

- Sutherland Openbare Biblioteek, Sarel Celliersstraat, Sutherland, 6920 (Tel: 023 571 1429);
- Laingsburg Openbare Biblioteek, Van Riebeeckstraat, Laingsburg, 6900 (Tel: 023 551 1019);
- G7 webwerf: <https://ppp.g7energies.com/KGRID6v78!>

## **UITNODIGING OM TE REGISTREER**

WSP Group Africa (Pty) Ltd (WSP) is aangestel as die onafhanklike en toepaslik gekwalifiseerde OEP om die BA-proses te behartig. Partye wat formeel as belanghebbende en geaffekteerde partye (I&AP's) wil registreer om meer inligting te ontvang en/of hul kommentaar oor die voorgestelde projek te lewer, word versoek om hul volledige kontakbesonderhede aan die OEP te stuur en hul direkte en/of indirekte sake-, finansiële, persoonlike of ander belang in die projek bekend te maak. Enige kommentaar oor die voorgestelde projek moet by die OEP ingedien word via die besonderhede hieronder verskaf. Geregistreeerde I&APs sal aan alle toekomstige projekverwante korrespondensie gestuur word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

**Megan Govender**

**WSP Group Africa (Pty) Ltd**

(T) (011) 361 1300

(F) (011) 361 1301

(E) [Megan.Govender@wsp.com](mailto:Megan.Govender@wsp.com)



## APPENDIX

# ***B-2*** *SITE NOTICES*



# BASIC ASSESSMENT (BA) PROCESS

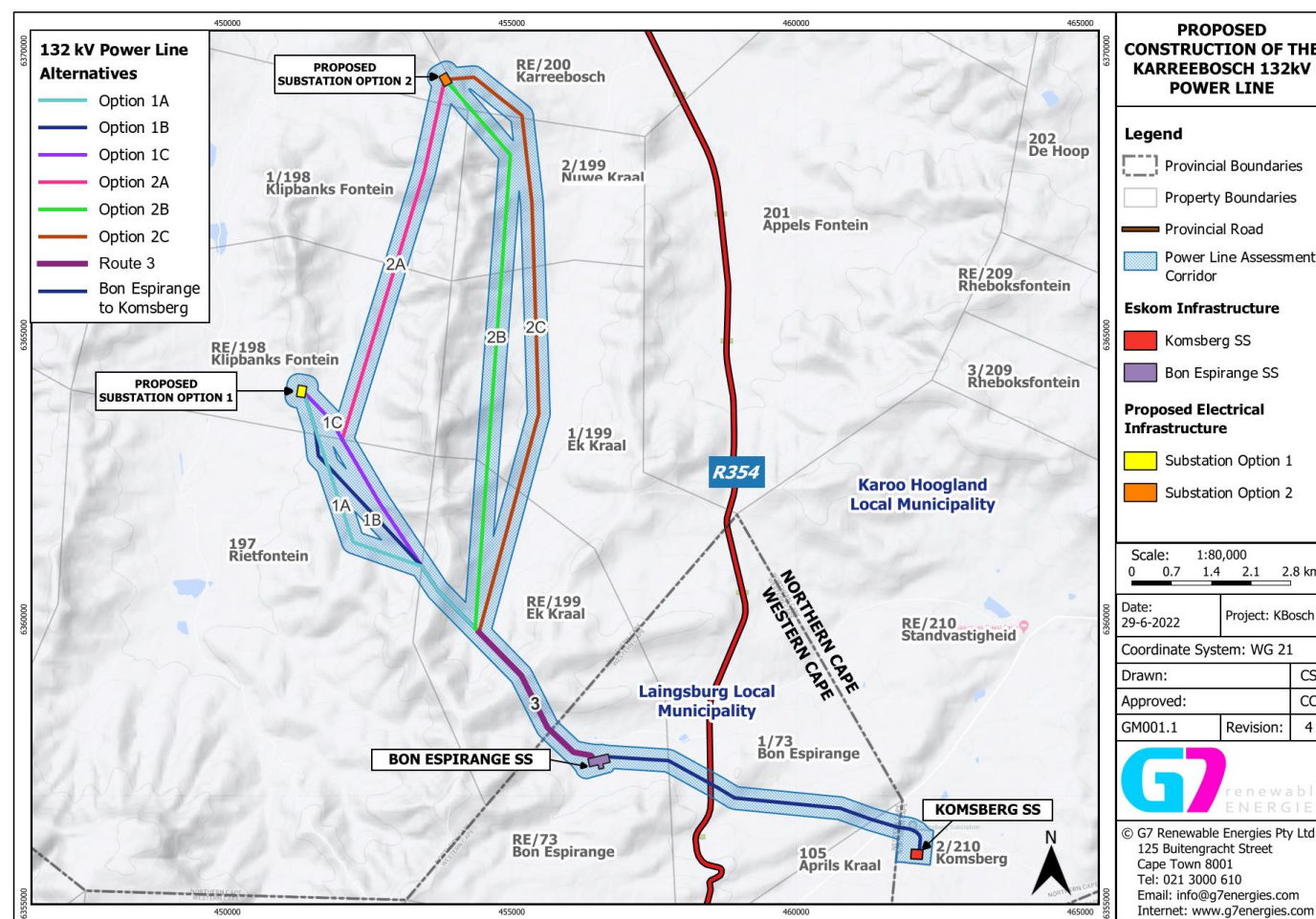
## NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132 KV OVERHEAD POWERLINE AND SUBSTATION WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE

**Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 327 and GNR 324 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended)**

### BACKGROUND AND LOCATION

The proponent, Karreebosch Wind Farm (RF) (Pty) Ltd (Karreebosch), proposes to construct a 132kV overhead powerline (OHPL) (up to 21km in length) and onsite 33/132kV substation. The entire extent of the proposed 132kV Karreebosch Overhead Powerline (OHPL), 33/132kV Substation and associated infrastructure is located within one (1) of the Strategic Transmission Corridors, namely the Central Corridor, as defined in and in terms of the procedures laid out in Government Notice (GN) No. 113. The proposed Karreebosch OHPL will evacuate power from the proposed Karreebosch onsite substation associated with the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3) situated in Ward 3 of the Karoo Hoogland Local Municipality in the Namakwa District Municipality in the Northern Cape into Ward 2 of the Laingsburg Local Municipality in the Central Karoo District Municipality in the Western Cape Province and will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation. The table and figure below outline the location of the proposed project:

PROJECT	AFFECTED PROPERTIES	STRATEGIC TRANSMISSION CORRIDORS
<b>Karreebosch 132kV Overhead Powerline</b>	<ul style="list-style-type: none"> <li>— Portion 2 (Nuwe Kraal) of Farm Ek Kraal No. 199</li> <li>— Remainder of Farm Wilgebosch Rivier No. 188</li> <li>— Remainder of Farm Klipbanks Fontein No. 198</li> <li>— Portion 1 of Farm Klipbanks Fontein No. 198</li> <li>— Remainder of Farm Karreebosch No. 200</li> <li>— Portion 1 of Farm Ek Kraal No. 199</li> <li>— Remainder of Farm Ek Kraal No.199</li> <li>— Remainder of Farm Bon Espirange No. 73</li> <li>— Farm Rietfontein No. 197</li> <li>— Portion 1 of Farm Bon Espirange No. 73</li> <li>— Farm Aprils Kraal No. 105</li> <li>— Remainder &amp; Portion 2 of Farm Standvastigheid No. 210</li> </ul>	Central Strategic Transmission Corridor (promulgated in GN 113 of 2018)



### ENVIRONMENTAL APPLICATION

Several listed activities in GNR 327 and GNR 324 are triggered by the proposed development, as indicated in the table below. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), as per the details provided below.

PROJECT NAME	LISTING NOTICE	ACTIVITIES APPLIED FOR IN TERMS OF THE EIA REGULATIONS									PROCESS
<b>Karreebosch 132kV Overhead Powerline</b>	GNR 327	11	12	14	19	24	27	28	48	56	Basic Assessment
	GNR 324	4	10	12	14	18	23				Basic Assessment

A Basic Assessment (BA) process will therefore be followed as outlined in Regulation 19 of the EIA Regulations, 2014 (as amended). The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of this application for Environmental Authorisation.

### DRAFT BA REPORT REVIEW PERIOD

The Draft BA Report will be made available at the venues below for review and comment for 30 days from **23 August 2022 – 23 September 2022**.

- Sutherland Public Library, Sarel Celliers Street, Sutherland, 6920 (Tel: 023 571 1429);
- Laingsburg Public Library, Van Riebeeck Street, Laingsburg, 6900 (Tel: 023 551 1019);
- G7 Website: <https://ppp.g7energies.com/KGRID6v78!>

### REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified EAP by Karreebosch to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered IAPs will be forwarded all future project related correspondence and notified individually of additional opportunities to participate in the process. Please register as an interested and affected party with the EAP (details below) to receive more information.

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# BASIESE ASSESSERINGSPROSES

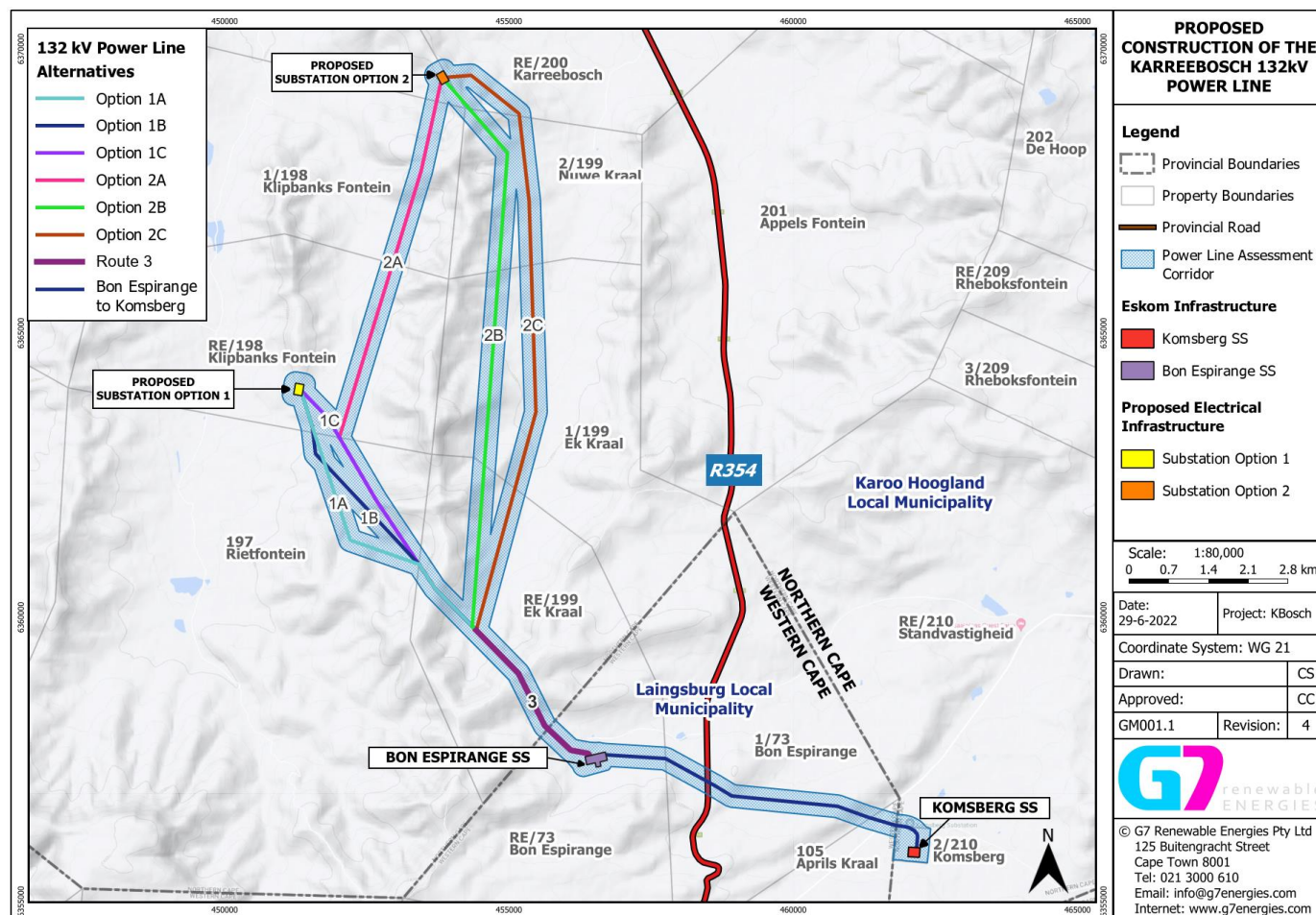
## KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE KARREEBOSCH 132 KV OORHOOFSE KRAGLYN EN SUBSTASIE GELEË IN DIE KAROO HOOGLAND PLAASLIKE MUNISIPALITEIT EN DIE LAINGSBURG PLAASLIKE MUNISIPALITEIT IN DIE NOORD-KAAP EN WES-KAAP PROVINSIES

Kennis word gegee ingevolge Regulasie 41(2) van GNR 326 (07 April 2017) gepubliseer kragtens artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) (soos gewysig) vir 'n aansoekproses vir Omgewingsmagtiging (EA) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 327 en GNR 324 van die 2014 Omgewingsimpakbepaling (OIB) Regulasies (soos gewysig)

### AGTERGROND EN LIGGING

Die voorstander, Karreebosch Wind Farm (RF) (Edms) Bpk (Karreebosch), stel voor om 'n 132kV oorhoofse kraglyn (OHPL) (tot 21km lank) en ter plaatse 33/132kV substasie te bou. Die omvang van die voorgestelde 132kV Karreebosch Oorhoofse Kraglyn (OHPL), 33/132kV Substasie en gepaardgaande infrastruktuur is geleë binne een (1) van die Strategiese Transmissiekorridors, naamlik die Sentrale Korridor, soos omskryf in die prosedures uiteengesit in Goewermentskennisgewing (GN) No. 113. Die voorgestelde Karreebosch OHPL sal krag ontruim vanaf die voorgestelde Karreebosch ter plaatse substasie wat verband hou met die gemagtigde Karreebosch WEF (EA Verw: 14/12/16/3/3/2/807/AM3), geleë in Wyk 3 van die Karoo Hoogland Plaaslike Munisipaliteit in die Namakwa Distriksmunisipaliteit in die Noord-Kaap na Wyk 2 van die Laingsburg Plaaslike Munisipaliteit in die Sentrale Karoo Distriksmunisipaliteit in die Wes-Kaap Provinsie, na die bestaande 400kV Komsberg substasie via die bestaande Bon Espirange substasie. Die tabel en figuur hieronder skets die ligging van die voorgestelde projek:

PROJEK	LIGGING	STRATEGIESE TRANSMISSIEKORRIDOR
<b>Karreebosch 132kV Oorhoofse Kragleiding</b>	<ul style="list-style-type: none"> <li>— Gedeelte 2 (Nuwe Kraal) van Plaas Ek Kraal No. 199</li> <li>— Restant van Plaas Wilgebosch Rivier No. 188</li> <li>— Restant van Plaas Klipbanks Fontein No. 198</li> <li>— Gedeelte 1 van Plaas Klipbanks Fontein No. 198</li> <li>— Restant van Plaas Karreebosch No. 200</li> <li>— Gedeelte 1 van Plaas Ek Kraal No. 199</li> <li>— Restant van Plaas Ek Kraal No.199</li> <li>— Restant van Plaas Bon Espirange No. 73</li> <li>— Plaas Rietfontein No. 197</li> <li>— Gedeelte 1 van Plaas Bon Espirange No. 73</li> <li>— Plaas Aprils Kraal No. 105</li> <li>— Restant &amp; Gedeelte 2 van Plaas Standvastigheid No. 210</li> </ul>	Sentrale Strategiese Transmissiekorridor (gepromulgeer in GN 113 van 2018)



### OMGEWINGSTOEPASSING

Die volgende gelyste aktiwiteite in GNR 327 en GNR 324 is van toepassing. Indien u 'n volledige kopie van hierdie aktiwiteite op die lys wil bekom, kontak asseblief die Omgewingsbeoordelingspraktisyn (OEP), soos per die besonderhede hieronder verskaf.

PROJECT NAME	LYSKENNISGEWING	AKTIWITEITE WAARVOOR INGEVOLGE DIE EIA-REGULASIES AANSOEK GEDOEN WORD										PROSES
Karreebosch 132kV Oorhoofse Kragleiding	GNR 327	11	12	14	19	24	27	28	48	56		Basiese Assessering
	GNR 324	4	10	12	14	18	23					Basiese Assessering

'n Basiese Assessering (BA) proses sal dus gevolg word soos uiteengesit in Regulasie 19 van die OIB-Regulasies (2014, soos gewysig). Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die Bevoegde Owerheid ten opsigte van hierdie aansoek om Omgewingsmagtiging.

### BASIESE ASSESSERING KONSEPVERSLAG OORSIGTYD

Die Konsep BA-verslag sal vir 30 dae vanaf **23 Augustus 2022 – 23 September 2022** by die lokale hieronder beskikbaar gestel word vir kommentaar:

- Sutherland Openbare Biblioteek, Sarel Celliersstraat, Sutherland, 6920 (Tel: 023 571 1429);
- Laingsburg Openbare Biblioteek, Van Riebeeckstraat, Laingsburg, 6900 (Tel: 023 551 1019);
- G7 webwerf: <https://ppp.g7energies.com/KGRID6v78/>

### UITNODIGING OM TE REGISTREER

WSP Group Africa (Pty) Ltd (WSP) is aangestel as die onafhanklike en toepaslik gekwalifiseerde OEP om die BA-proses te behartig. Partye wat formeel as belanghebbende en geaffekteerde partye (I&AP's) wil registreer om meer inligting te ontvang en/of hul kommentaar oor die voorgestelde projek te lewer, word versoek om hul volledige kontakbesonderhede aan die OEP te stuur en hul direkte en/of indirekte sake-, finansiële, persoonlike of ander belang in die projek bekend te maak. Enige kommentaar oor die voorgestelde projek moet by die OEP ingedien word via die besonderhede hieronder verskaf. Geregistreeerde I&AP's sal aan alle toekomstige projekverwante korrespondensie gestuur word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

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## APPENDIX

# ***B-3*** NOTIFICATION LETTERS



WSP ref.: 41103843

23 August 2022

PUBLIC

Dear Sir/Madam:

**Subject: BASIC ASSESSMENT PROCESS: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE**

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 327 and GNR 324 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended).

**PROJECT LOCATION AND DESCRIPTION**

The proponent, Karreebosch Wind Farm (RF) (Pty) Ltd (Karreebosch), proposes to construct a 132kV overhead powerline (OHPL) (up to 21km in length) and onsite 33/132kV substation. The proposed Karreebosch OHPL will evacuate power from the proposed Karreebosch onsite substation associated with the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3) and will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation.

The proposed 132kV Karreebosch OHPL, 33/132kV Substation and associated infrastructure is located 35km north of Matjiesfontein, and extends across two provinces, namely the Northern and Western Cape Provinces. The proposed Karreebosch OHPL will extend from the proposed Karreebosch onsite 33/132kV substation, which is situated in Ward 3 of the Karoo Hoogland Local Municipality in the Namakwa District Municipality in the Northern Cape into Ward 2 of the Laingsburg Local Municipality in the Central Karoo District Municipality in the Western Cape Province, where it will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation.

The table below outlines the location of the proposed project:

PROJECT	LOCATION	PROCESS
<b>Karreebosch 132kV Overhead Powerline and Substation</b>	<ul style="list-style-type: none"> <li>– Portion 2 (Nuwe Kraal) of Farm Ek Kraal No. 199</li> <li>– Remainder of Farm Wilgebosch Rivier No. 188</li> <li>– Remainder of Farm Klipbanks Fontein No. 198</li> <li>– Portion 1 of Farm Klipbanks Fontein No. 198</li> <li>– Remainder of Farm Karreebosch No. 200</li> <li>– Portion 1 of Farm Ek Kraal No. 199</li> <li>– Remainder of Farm Ek Kraal No.199</li> <li>– Remainder of Farm Bon Espirange No. 73</li> <li>– Farm Rietfontein No. 197</li> <li>– Portion 1 of Farm Bon Espirange No. 73</li> <li>– Farm Aprils Kraal No. 105</li> <li>– Remainder and Portion 2 of Farm Standvastigheid No. 210</li> </ul>	Basic Assessment

The OHPL will be a 132kV twin tern double circuit overhead powerline. The powerline towers will either be steel lattice or monopole structures. Pole positions will only be available once the powerline detail design has been completed by the Eskom Design Review Team (DRT). However, a 400m wide assessment corridor is being considered and has been walked down by the specialists for approval to allow for micro siting of tower positions once the detailed design has been

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completed. It is anticipated that towers will be located on average 200m to 250m apart; however, longer spans may be needed due to terrain and watercourse crossings.

The registered servitude will fall within this 400m wide assessment corridor and will be 31m wide (15.5 m on either side of the centre line). The Right of Way servitude (servitude road) will be up to 14m wide (7m on either side of centre line), resulting in a total servitude width of 45m in total. The length of the longest powerline route alternative is 20.52 km, which will result in a servitude area of up to 92.3 ha.

### ALTERNATIVES

Six (6) OHPL route alternatives (Options 1A, 1B, 1C, 2A, 2B and 2C) are proposed between the Karreebosch WEF onsite 33/132kV substation (with substation alternatives: Option 1 and Option 2) and Route 3 preceding the existing Bon Espirange Substation. All of the six OHPL route alternatives follow the same routing from their point of convergence on Remainder of farm Ek Kraal No.199, approximately 3.1 km before the Bon Espirange Substation, to the Komsberg Substation situated on Portion 2 of Farm Standvastigheid No. 210.

As noted above, only one (1) OHPL route is technically feasible for the section of the proposed powerline directly preceding the existing Bon Espirange Substation (Route 3) and for the section connecting the Bon Espirange substation to the Komsberg substation (Bon Espirange to Komsberg Route), which is approximately 9.2 km in length. No alternatives can therefore be provided for these two sections of the OHPL (Route 3 and Bon Espirange to Komsberg Route, as per Figure 1 below).

Two alternative 33/132kV onsite substation locations at the Karreebosch WEF site have been assessed as part of this BAR, each with a 200m x 150m (3 ha) footprint.

### ACCESS

The OHPL and associated infrastructure will be accessed via roads forming part of the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3), where possible. The preferred OHPL routing will require an associated servitude road (following beneath the proposed OHPL) to be constructed which will be used to construct, operate and maintain the powerline. Existing roads will be used as much as possible, where feasible. However, additional access roads may be required to provide access to sections of the powerline route. New sections of access roads will deviate off existing roads (within the 400m wide assessment corridor), as needed to access tower positions. Access roads will be mostly two-track gravel roads following beneath the OHPL.

### ENVIRONMENTAL APPLICATION

Several listed activities in GNR 327 and GNR 324 are triggered.

A Basic Assessment (BA) process has therefore been followed as outlined in Regulation 19 of the EIA Regulations (2014, as amended). The Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority in respect of this application for Environmental Authorisation.

The listed activities associated with the proposed project are reflected in the table below. Should you wish to obtain a complete copy of these listed activities, please contact the Environmental Assessment Practitioner (EAP), per the details provided below.

PROJECT NAME	LISTING NOTICE	ACTIVITIES APPLIED FOR IN TERMS OF THE EIA REGULATIONS									PROCESS
		11	12	14	19	24	27	28	48	56	
Karreebosch 132kV Overhead Powerline	GNR 327	11	12	14	19	24	27	28	48	56	Basic Assessment
	GNR 324	4	10	12	14	18	23				Basic Assessment

### REGISTRATION

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered IAPs will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.



### DRAFT BA REPORT REVIEW PERIOD

The Draft BA Report will be made available at the venues below for review and comment for 30 days from **19 August 2022 – 19 September 2022**.

Area	Venue	Street Address	Contact No
Laingsburg	Laingsburg Public Library	Van Riebeeck Street, Laingsburg,	Tel: 023 551 1019
Sutherland	Sutherland Public Library	Sarel Celliers Street, Sutherland, 6920	Tel: 023 571 1429
G7 Website	<a href="https://ppp.g7energies.com/KGRID6v78!">https://ppp.g7energies.com/KGRID6v78!</a>		
Website Instructions	<ul style="list-style-type: none"><li>• Create an account here <a href="https://ppp.g7energies.com">https://ppp.g7energies.com</a></li><li>• Login and use the specific pathway above to view and/or download the documents</li></ul>		

We look forward to your participation in this process and your meaningful contributions.

**WSP Group Africa (Pty) Ltd**

**Attention: Megan Govender**

Tel: +27 11 361 1300

Fax: +27 11 361 1301

E-mail: [Megan.Govender@wsp.com](mailto:Megan.Govender@wsp.com)

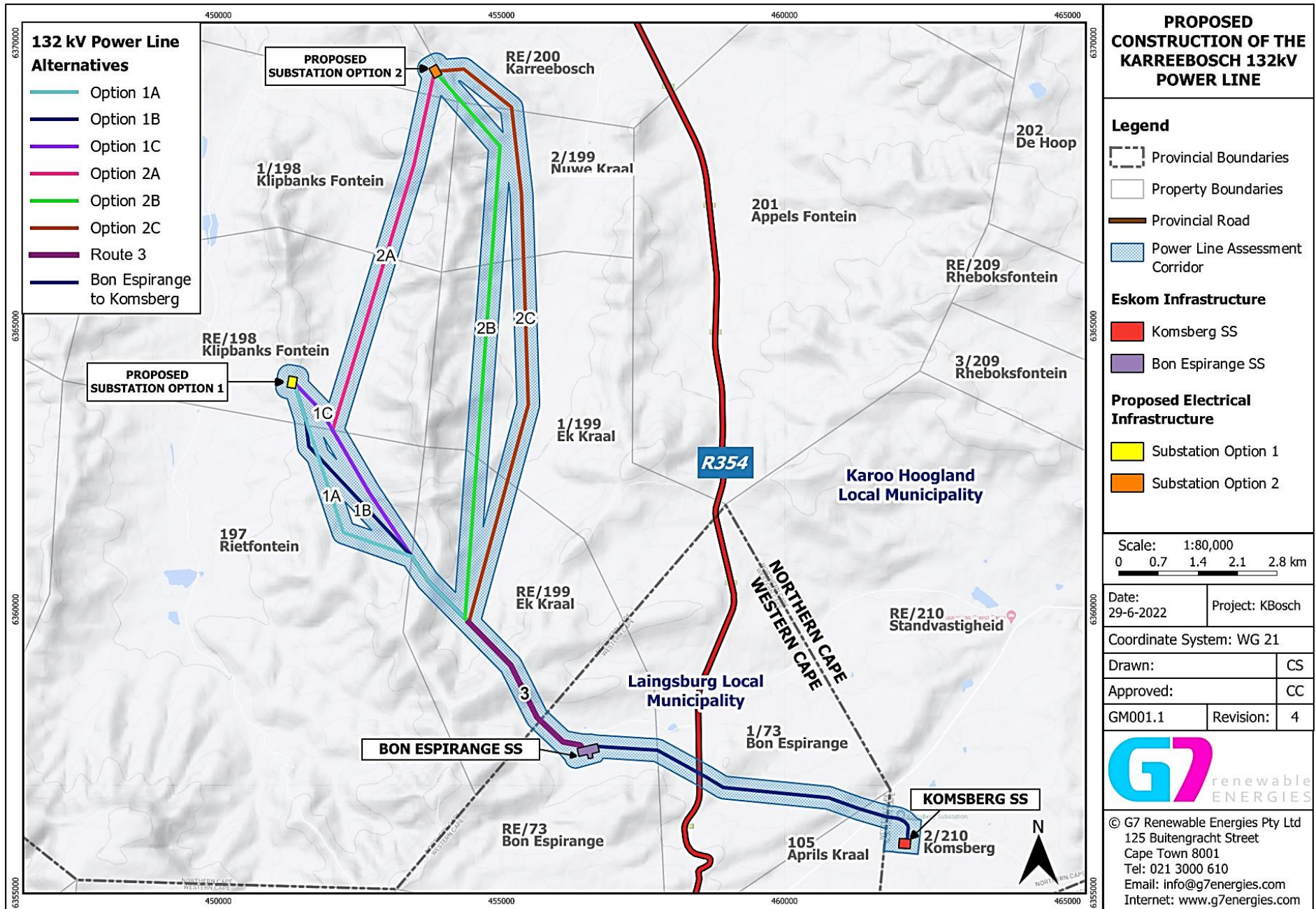


Figure 1: Location of the Proposed 132 kV Powerline



WSP ref.: 41103843

23 Augustus 2022

PUBLIEK

Dear Sir/Madam:

**Subject: BASIESE ASSESSERINGSPROSES: KENNISGEWING VAN DIE VOORGESTELDE ONTWIKKELING VAN DIE KARREEBOSCH 132KV BOKRAGLYN EN SUBSTASIE BINNE DIE KAROO HOOGLAND PLAASLIKE MUNISIPALITEIT EN DIE LAINGSBURG PLAASLIKE MUNISIPALITEIT IN DIE NOORDKAAP PROVINSIEKAP.**

Kennis word gegee ingevolge Regulasie 41(2) van GNR 326 (07 April 2017) gepubliseer kragtens artikel 24 en 24D van die Wet op Nasionale Omgewingsbestuur (No. 107 van 1998) (NEMA) (soos gewysig) vir 'n aansoekproses vir Omgewingsmagtiging (OM) ten opsigte van aktiwiteite geïdentifiseer ingevolge GNR 327 en GNR 324 van die 2014 Omgewingsimpakbepaling (OIB) Regulasies (soos gewysig).

#### PROJEK LIGGING EN BESKRYWING

Die voorstander, Karreebosch Wind Farm (RF) (Edms) Bpk (Karreebosch), stel voor om 'n 132kV oorhoofse kraglyn (OHPL) (tot 21km lank) en ter plaatse 33/132kV substasie te bou. Die voorgestelde Karreebosch OHPL sal krag ontruim vanaf die voorgestelde Karreebosch ter plaatse substasie wat verband hou met die gemagtigde Karreebosch WEF (EA Verw: 14/12/16/3/3/2/807/AM3) en sal met die bestaande 400kV Komsberg substasie verbind word via die bestaande Bon Espirange substasie.

Die voorgestelde 132kV Karreebosch OHPL, 33/132kV Substasie en verwante infrastruktuur is geleë 35km noord van Matjiesfontein, en strek oor twee provinsies, naamlik die Noord- en Wes-Kaap Provinsies. Die voorgestelde Karreebosch OHPL sal strek vanaf die voorgestelde Karreebosch ter plaatse 33/132kV substasie, wat geleë is in Wyk 3 van die Karoo Hoogland Plaaslike Munisipaliteit in die Namakwa Distriksmunisipaliteit in die Noord-Kaap tot in Wyk 2 van die Laingsburg Plaaslike Munisipaliteit in die Sentraal Karoo Distrik Munisipaliteit in die Wes-Kaap Provinsie, waar dit met die bestaande 400kV Komsberg substasie sal aansluit via die bestaande Bon Espirange substasie.

Die tabel hieronder skets die ligging van die voorgestelde projek:

PROJEK	LIGGING	PROSES
<b>Karreebosch 132kV Oorhoofse kraglyn en substasie</b>	<ul style="list-style-type: none"><li>– Gedeelte 2 (Nuwe Kraal) van Plaas Ek Kraal No 199</li><li>– Restant van Plaas Wilgebosch Rivier No 188</li><li>– Restant van Plaas Klipbanks Fontein No 198</li><li>– Gedeelte 1 van Plaas Klipbanks Fontein No 198</li><li>– Restant van Plaas Karreebosch nr 200</li><li>– Gedeelte 1 van Plaas Ek Kraal No 199</li><li>– Restant van Plaas Ek Kraal No.199</li><li>– Restant van Plaas Bon Espirange No. 73</li><li>– Plaas Rietfontein nr 197</li><li>– Gedeelte 1 van Plaas Bon Espirange nr. 73</li><li>– Plaas Aprils Kraal No 105</li><li>– Restant en Gedeelte 2 van Plaas Standvastigheid No 210</li></ul>	Basiese Assessering

Die OHPL sal 'n 132kV dubbele stroombaan oorhoofse kraglyn wees. Die kraglyntorings sal óf staalrooster- óf monopoolstrukture wees. Paalposisies sal eers beskikbaar wees sodra die kraglyn-detailontwerp deur die Eskom Design Review Team (DRT) voltooi is. 'n 400m breë assesseringskorridor word egter oorweeg en is deur die spesialiste afgestap vir goedkeuring om die mikro-sitting van toringposisies moontlik te maak sodra die gedetailleerde ontwerp voltooi is.

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Daar word verwag dat torings gemiddeld 200m tot 250m van mekaar geleë sal wees; langer spanne kan egter nodig wees as gevolg van terrein- en waterloopkruisings.

Die geregistreerde serwituut sal binne hierdie 400m breë assesseringskorridor val en sal 31m breed wees (15.5m weerskante van die middellyn). Die reg-van-weg-serwituut (serwituutpad) sal tot 14m breed wees (7m aan weerskante van middellyn), wat 'n totale serwituutwydte van 45m in totaal tot gevolg sal hê. Die lengte van die langste kraglynroete-alternatief is 20,52 km, wat 'n serwituutgebied van tot 92,3 ha tot gevolg sal hê.

### ALTERNATIEWE

Ses (6) OHPL-roete-alternatiewe (Opsies 1A, 1B, 1C, 2A, 2B en 2C) word voorgestel tussen die Karreebosch WEF ter plaatse 33/132kV substasie (met substasie-alternatiewe: Opsie 1 en Opsie 2) en Roete 3 wat die bestaande Bon voorafgaan. Espirange Substasie. Al die ses OHPL-roete-alternatiewe volg dieselfde roete vanaf hul punt van konvergensie op Restant van plaas Ek Kraal No.199, ongeveer 3.1 km voor die Bon Espirange Substasie, tot by die Komsberg Substasie geleë op Gedeelte 2 van Plaas Standvastigheid No. 210.

Soos hierbo genoem, is slegs een (1) OHPL-roete tegnies haalbaar vir die gedeelte van die voorgestelde kraglyn wat die bestaande Bon Espirange-substasie (Roete 3) direk voorafgaan en vir die gedeelte wat die Bon Espirange-substasie met die Komsberg-substasie verbind (Bon Espirange na Komsberg) Roete), wat ongeveer 9,2 km lank is. Geen alternatiewe kan dus vir hierdie twee afdelings van die OHPL (Roete 3 en Bon Espirange na Komsberg-roete, soos in Figuur 1 hieronder) voorsien word nie.

Twee alternatiewe 33/132kV-substasie-liggings op die Karreebosch WEF-terrein is beoordeel as deel van hierdie BAR, elk met 'n 200m x 150m (3 ha) voetspoor.

### TOEGANG

Toegang tot die OHPL en gepaardgaande infrastruktuur sal verkry word via paaie wat deel vorm van die gemagtigde Karreebosch WEF (EA Verw: 14/12/16/3/3/2/807/AM3), waar moontlik. Die voorkeur-OHPL-roete sal vereis dat 'n gepaardgaande serwituutpad (wat onder die voorgestelde OHPL volg) gebou word wat gebruik sal word om die kraglyn te bou, te bedryf en in stand te hou. Bestaande paaie sal sover moontlik gebruik word, waar moontlik. Bykomende toegangspaaie kan egter nodig wees om toegang tot dele van die kraglynroete te verskaf. Nuwe gedeeltes van toegangspaaie sal van bestaande paaie afwyk (binne die 400m breë assesseringskorridor), soos nodig om toegang tot toringposisies te verkry. Toegangspaaie sal meestal tweespoorgrondpaaie wees wat onder die OHPL volg.

### OMGEWINGSTOEPASSING

Verskeie gelyste aktiwiteite in GNR 327 en GNR 324 word geaktiveer.

'n Basiese Assessering (BA) proses is gevolglik gevolg soos uiteengesit in Regulasie 19 van die OIB-regulasies (2014, soos gewysig). Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die Bevoegde Owerheid ten opsigte van hierdie aansoek om Omgewingsmagtiging.

Die gelyste aktiwiteite wat met die voorgestelde projek geassosieer word, word in die tabel hieronder weerspieël. Indien u 'n volledige kopie van hierdie aktiwiteite op die lys wil bekom, kontak asseblief die Omgewingsevalueringspraktisyn (WHP), volgens die besonderhede hieronder verskaf.

PROJEKNAAM	LYS KENNISGEWING	AKTIWITEITE WAARVOOR AANVRAAG IN TERME VAN DIE OIE REGULASIES PROSES									PROSES
		11	12	14	19	24	27	28	48	56	
Karreebosch 132kV Oorhoofse kraglyn en substasie	GNR 327	11	12	14	19	24	27	28	48	56	Basiese Assessering
	GNR 324	4	10	12	14	18	23				Basiese Assessering



## REGISTRASIE

WSP Group Africa (Edms) Bpk (WSP) is aangestel as die onafhanklike en toepaslik gekwalifiseerde Omgewingsbeoordelingspraktisyn (EAP) om die BA-proses te bestuur en te onderneem. Partye wat formeel as belanghebbende en geaffekteerde partye (BBP's) wil registreer om meer inligting te ontvang en/of hul kommentaar(s) oor die voorgestelde projek te lewer, word versoek om hul volledige kontakbesonderhede aan die WHP te stuur en hul direkte besigheid bekend te maak, finansiële, persoonlike of ander belang in die projek. Enige kommentaar oor die voorgestelde projek kan by die WHP ingedien word via die besonderhede hieronder verskaf. Geregistreeerde IAP's sal alle toekomstige projekverwante korrespondensie gestuur word en individueel in kennis gestel word van bykomende geleenthede om aan die proses deel te neem.

## KONSEP BA VERSLAG OORSIGTYDPERK

Die Konsep BA-verslag sal vir 30 dae vanaf **19 Augustus 2022 – 19 September 2022** by die lokale hieronder beskikbaar gestel word vir hersiening en kommentaar.

Area	Venue	Straatadres	Kontak No
Laingsburg	Laingsburg Publieke biblioteek	Van Riebeeck Straat, Laingsburg,	Tel: 023 551 1019
Sutherland	Sutherland Publieke biblioteek	Sarel Celliers Straat, Sutherland, 6920	Tel: 023 571 1429
G7 Webwerf	<a href="https://ppp.g7energies.com/KGRID6v78!">https://ppp.g7energies.com/KGRID6v78!</a>		
Webwerf-instruksies	<ul style="list-style-type: none"><li>• Skep 'n rekening hier <a href="https://ppp.g7energies.com">https://ppp.g7energies.com</a></li><li>• Teken in en gebruik die spesifieke pad hierbo om die dokumente te bekyk en/of af te laai</li></ul>		

Ons sien uit na jou deelname aan hierdie proses en jou betekenisvolle bydraes.

### WSP Group Africa (Edms.) Bpk

**Aandag: Megan Govender**

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Fax: +27 11 361 1301

E-pos: [Megan.Govender@wsp.com](mailto:Megan.Govender@wsp.com)

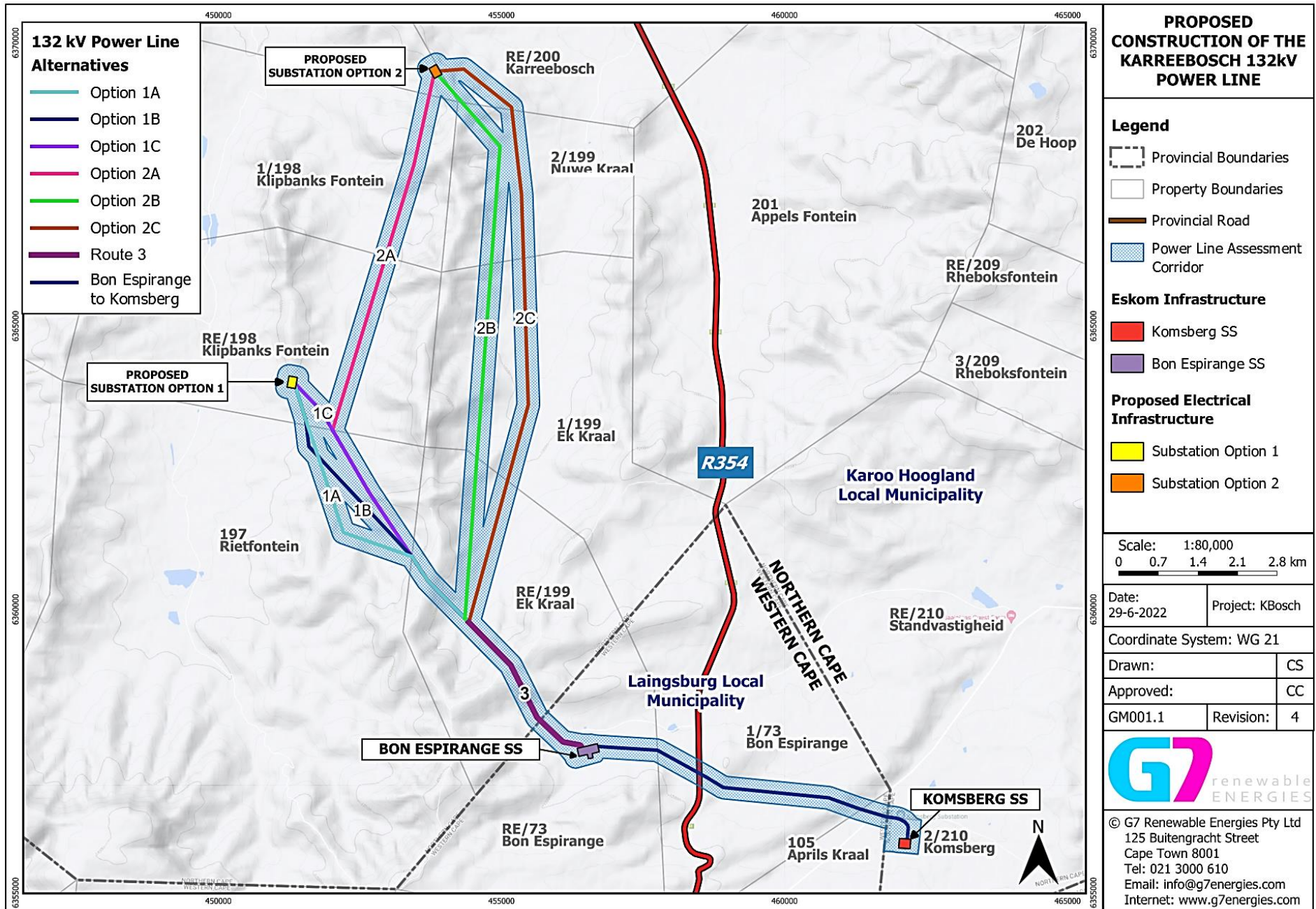


Figure 1: Ligging van die voorgestelde 132 kV-kraglyn

# APPENDIX

## C DFFE PRE- APPLICATION MEETING MINUTES



## MEETING NOTES

<b>JOB TITLE</b>	Karreebosch Powerline BAR and WEF Amendment
<b>PROJECT NUMBER</b>	41103843
<b>DATE</b>	02 August 2022
<b>TIME</b>	11h30
<b>VENUE</b>	MS Teams
<b>SUBJECT</b>	Pre-application Meeting with DFFE
<b>DFFE PRE-APPLICATION NO.</b>	2022-07-0009
<b>CLIENT</b>	G7 Renewable Energy Pty Ltd (Applicant: Karreebosch Wind Farm (RF) (Pty) Ltd)
<b>PRESENT</b>	Ashlea Strong (AS) - WSP Thirushan Nadar (TN) - WSP Veronique Fyfe (VF) - G7 Caryn Clarke (CC) - G7 Skye Clarke-Mcleod (SCM) -G7 Collete Alisha Stanfer (CAS) - G7 Chantell Mabusela (CM) -DFFE Dr. Danie Smit (DS) -DFFE Nyiko Nkosi (NN) - DFFE Zama Langa (ZL) - DFFE
<b>APOLOGIES</b>	Megan Govender (MG) - WSP

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33 Sloane Street  
Bryanston, 2191  
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[www.wsp.com](http://www.wsp.com) \\corp.pbwan.net\za\Central\_Data\Projects\41100xxx\41103843 - Karreebosch WEF Part 2 & BAR\41 ES\01-Reports\01-Pre-application Meeting\2022-08-02\_Karreebosch pre-app Meeting\_Meeting Notes\_Final for Approval.docx

## MEETING NOTES

MATTERS ARISING	ACTION
<p><b>NOTE:</b> These notes constitute a summary of the key discussion points and decisions made during the discussion. They are not intended to reflect the exact discussions held.</p>	
<p><b>1.0 INTRODUCTIONS</b> AS welcomed, all AS handed over to DFFE and G7 for introductions.</p>	None
<p><b>2.0 PRESENTATION</b> The presentation is included <b>Appendix A</b>.  AS began presentation of the proposed project outlining all the details concerned and noted that the applicant will be the registered Special Purpose Vehicle (SPV) - Karreebosch Wind Farm (RF) (Pty) Ltd.  AS noted that the project comprised of two parts i.e. Part 2 Amendment Application of the existing Environmental Authorisation (EA) for the Karreebosch Wind Energy Facility (WEF) and the Basic Assessment (BA) Process for the proposed 132kV powerline and 33/132kV substation. Furthermore, the Part 2 Amendment Application for the Karreebosch WEF will include the submission of the Amended Environmental Management Programme (EMPr) and Final Layout for approval in compliance with Conditions 16 and 18 of the EA.  NN mentioned that when the Karreebosch WEF EMPr is released for public comment it must make note that the release is to comply with the conditions of the EA and takes into consideration the information that is included as part of the Part 2 amendment. It must be made clear that the WEF EMPr being submitted because it was not approved as of the original Karreebosch WEF EA.  AS confirmed, that the Karreebosch WEF adverts, site notices and letters clearly outline the Part 2 Amendment Process as well as the fact that the EMPr is being submitted in compliance with these two conditions. Will also be mentioned in the amendment report itself.  It was noted that there were no additional comments or queries regarding the Karreebosch WEF Part 2 Amendment Process, final layout and EMPr approval process  AS note that the servitude requirements for the proposed Karreebosch powerline would be approximately 45m inclusive of the access road, however a 400m wide assessment corridor is being considered in the BA. The longest route alternative is approximately 20km which will result in a total servitude footprint of 92 hectares.  VF clarified that the 92 hectares is just the area of influence, for assessment, it won't be the entire impacted area. The impacted area would only include areas where new access roads are required and where the towers will be constructed, pylon footings and where the substation is proposed. Therefore the footprint of the impacted area will be significantly smaller than the area of influence.  AS mentioned, there are 6 powerline route alternatives, and 2 alternative substation options.  AS mentioned, that there is only one powerline routing between the Bon Espirange and Komsberg substations, and the section preceding the Bon Espirange substation  VF clarified that the reason for no possible route alternatives for the above-mentioned route is due to the existing operational Roggeveld Wind Farm and the setbacks required between Eskom lines and the turbines. Therefore, this is the only possible way to route the powerline through the area.  AS mentioned, that the Option 1A alignment and Option 1 substation are currently preferred. It can be noted that Option 1A is the shortest route alignment for the power line. AS noted that this preference will be confirmed in the BA Report.</p>	<p>WSP noted</p> <p>WSP noted</p> <p>WSP noted this</p>



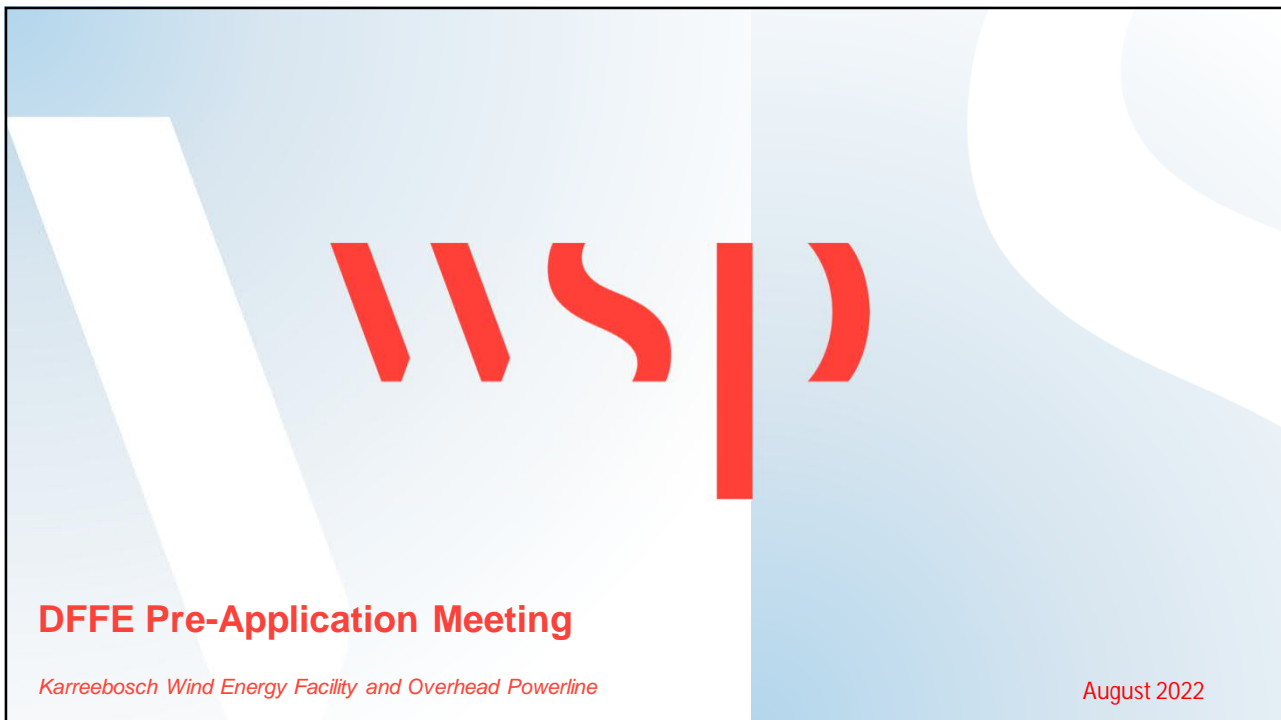
## MEETING NOTES

<p>AS presented a brief overview of the applicable listed activities for the proposed Karreebosch powerline and substation from Listing Notices 1 and 3. Furthermore, a summary of the DFFE Screening tool for the powerline project was also provided.</p> <p>NN noted that the new published standards exclusions for powerlines have been promulgated, but confirmed that they would not be applicable to this project as the Screening tool identified very high and high sensitivity themes.</p> <p>AS confirmed, that the new standards were considered, however due to the presence of very high and high sensitives the new standards will not be applicable.</p> <p>AS mentioned, that the Competent Authority is anticipated to be the DFFE, as it is a Renewable Energy Independent Power Producer Project (REIPPP).</p> <p>DS confirmed this to be accurate.</p> <p>AS mentioned, that the WEF is located entirely within the Komsberg renewable energy development zone (REDZ), and the power line also falls entirely within the Central Strategic Transmission Corridor, therefore noting the applicability of shorter DFFE Review time frame (57-days) for both the WEF Part 2 amendment application and grid BA process.</p> <p>NN mentioned the requirement in the application form for projects in the strategic transmission corridor whereby pre-negotiated routes together with a map is required. These are required as proof so that the department will register the application in such a manner that the shorter time frames are adopted.</p> <p>AS and CC confirmed that signed consent forms have been received for all alternative routes. Furthermore, the consent forms comply with the relevant Gazette requirements (GNR 2313 27 July 2022, Adoption of the Standard for the development and expansion of powerlines and substations within identified geographical areas and the exclusion of the infrastructure from the requirement to obtain an environmental authorisation).</p> <p>AS confirmed that all the above will be attached to the Karreebosch powerline &amp; substation application form when submitted.</p> <p>It was noted that there were no additional comments or queries regarding the Karreebosch grid BA Process.</p> <p>AS briefly outlined the public participation that will be undertaken for both projects (Part 2 and BAR).</p> <p>It was noted that there were no additional comments or queries regarding the proposed public participation process.</p>	<p>DFFE noted</p> <p>WSP noted</p> <p>WSP noted</p>
<p><b>3.0 CONCLUDING</b></p> <ul style="list-style-type: none"> <li>— AS opened floor to all for questions</li> <li>— No further comments from attendees</li> <li>— Meeting concluded at 12:20</li> </ul>	

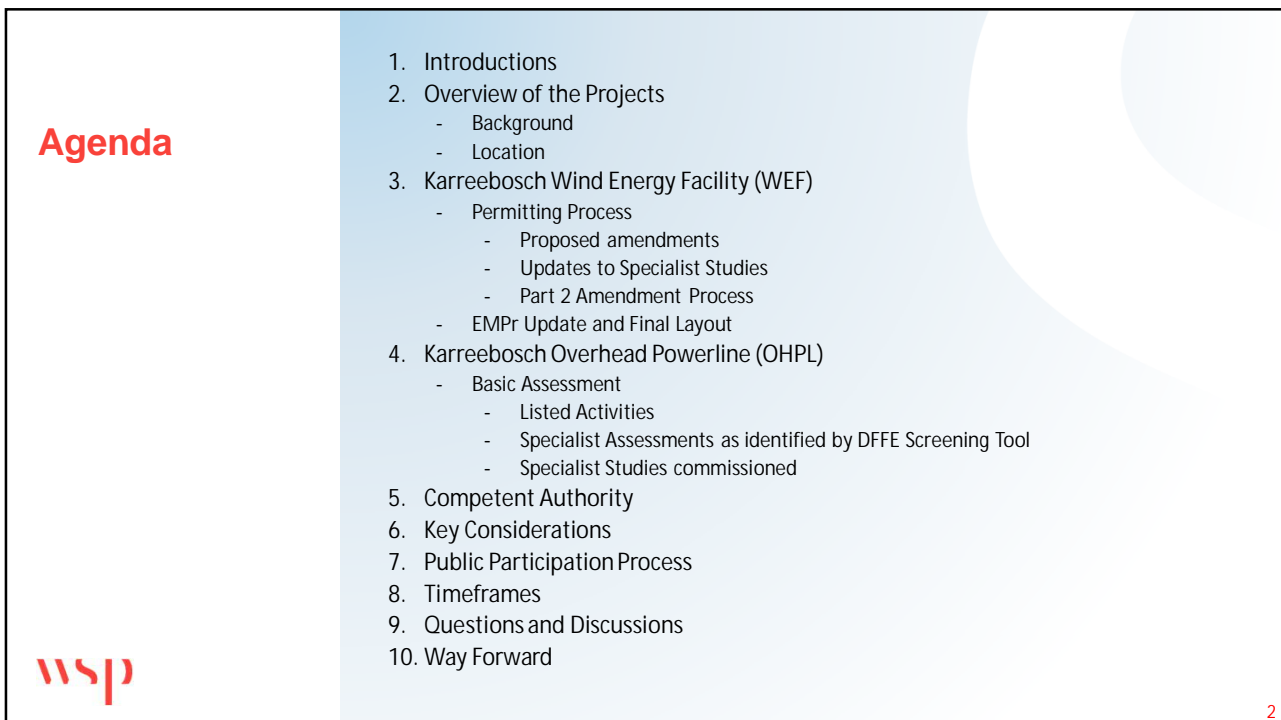
## MEETING NOTES

### APPENDIX A - PRESENTATION





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## 1. Introductions

- G7 Renewable Energies (Pty) Ltd:
  - Veronique Fyfe
  - Caryn Clarke
  - Skye Clarke-McLeod
- WSP Group Africa (Pty) Ltd:
  - Megan Govender (Senior Environmental Consultant)
  - Ashlea Strong (Project Manager)
- Department of Forestry, Fisheries and Environment (DFFE):
  - Nyiko Nkosi
  - Zama Langa
  - Danie Smit



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## 2. Overview of the Projects

### Background

- Applicant:
  - Karreebosch Wind Farm RF (Pty) Ltd
- Projects include:
  - Basic Assessment Process for the Karreebosch 132kV OHPL and 33/132kV substation within the Karoo Hoogland Local Municipality and the Laingsburg Local Municipality in the Northern Cape Province and Western Cape Province; and
  - Part 2 Amendment, and Final Layout and Environmental Management Programme (EMPr) approval for the Karreebosch WEF, within the Karoo Hoogland Local Municipality, Witzenberg Local Municipality and the Laingsburg Local Municipality in the Northern Cape Province and Western Cape Province (EA Ref: 14/12/16/3/3/2/807/AM3).



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## 2. Overview of the Project



### Location

#### KARREEBOSCH WEF

Province:	Western Cape Province, Northern Cape Province	
Local Municipality:	Laingsburg Local Municipality, Western Cape Province Witzenberg Local Municipality, Western Cape Province Karoo Hoogland Local Municipality, Northern Cape Province	
Farms:	<ul style="list-style-type: none"> <li>Farm Roode Wal No. 187</li> <li>Farm Appels Fontein No. 201</li> <li>Portion 1 of Farm Ek Kraal No. 199</li> <li>Portion 2 (Nuwe Kraal) of Farm Ek Kraal No. 199</li> <li>Portion 1 of Farm Klipbanks Fontein No. 198</li> <li>Remainder of Farm Klipbanks Fontein No. 198</li> <li>Remainder of Farm Wilgebosch Rivier No. 188</li> </ul>	<ul style="list-style-type: none"> <li>Farm Rietfontein No. 197</li> <li>Remainder of Farm Kareebosch No. 200</li> <li>Portion 1 of Farm Karreebosch No. 200</li> <li>Farm Oude Huis No. 195</li> <li>Portion 1 of Farm Karree Kloof No. 196</li> <li>Remainder of Farm Brandvalley No. 75</li> </ul>

#### KARREEBOSCH OHPL

Province:	Western Cape Province, Northern Cape Province	
Local Municipality:	Laingsburg Local Municipality, Western Cape Province Karoo Hoogland Local Municipality, Northern Cape Province	
Farms:	<ul style="list-style-type: none"> <li>Portion 2 (Nuwe Kraal) of Farm Ek Kraal No. 199</li> <li>Remainder of Farm Wilgebosch Rivier No. 188</li> <li>Remainder of Farm Klipbanks Fontein No. 198</li> <li>Portion 1 of Farm Klipbanks Fontein No. 198</li> <li>Remainder of Farm Karreebosch No. 200</li> <li>Portion 1 of Farm Ek Kraal No. 199</li> <li>Remainder of Farm Ek Kraal No. 199</li> </ul>	<ul style="list-style-type: none"> <li>Remainder of Farm Bon Espirange No. 73</li> <li>Farm Rietfontein No. 197</li> <li>Portion 1 of Farm Bon Espirange No. 73</li> <li>Farm Aprils Kraal No. 105</li> <li>Portion 2 of Farm Standvastigheid No. 210</li> <li>Remainder of Farm Standvastigheid No. 210</li> </ul>

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## 2. Overview of the Project



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### 3. Karreebosch WEF



#### Existing Environmental Authorisations

- Original Applicant: Karreebosch Wind Farm (Pty) Ltd
- EIA for proposed 140MW Karreebosch Wind Energy Facility undertaken by Savannah Environmental (Pty) Ltd in 2015
- Specialist Studies:
  - Heritage and Palaeontological Impact Assessment
  - Agriculture and Soils Impact Assessment
  - Hydrological Impact Assessment
  - Avifaunal Impact Assessment
  - Bat Impact Assessment
  - Ecological Impact Assessment
  - Noise Impact Assessment
  - Social Impact Assessment
  - Visual Assessment
- EA granted in January 2016 (EA ref: 14/12/16/3/3/2/807)

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### 3. Karreebosch WEF

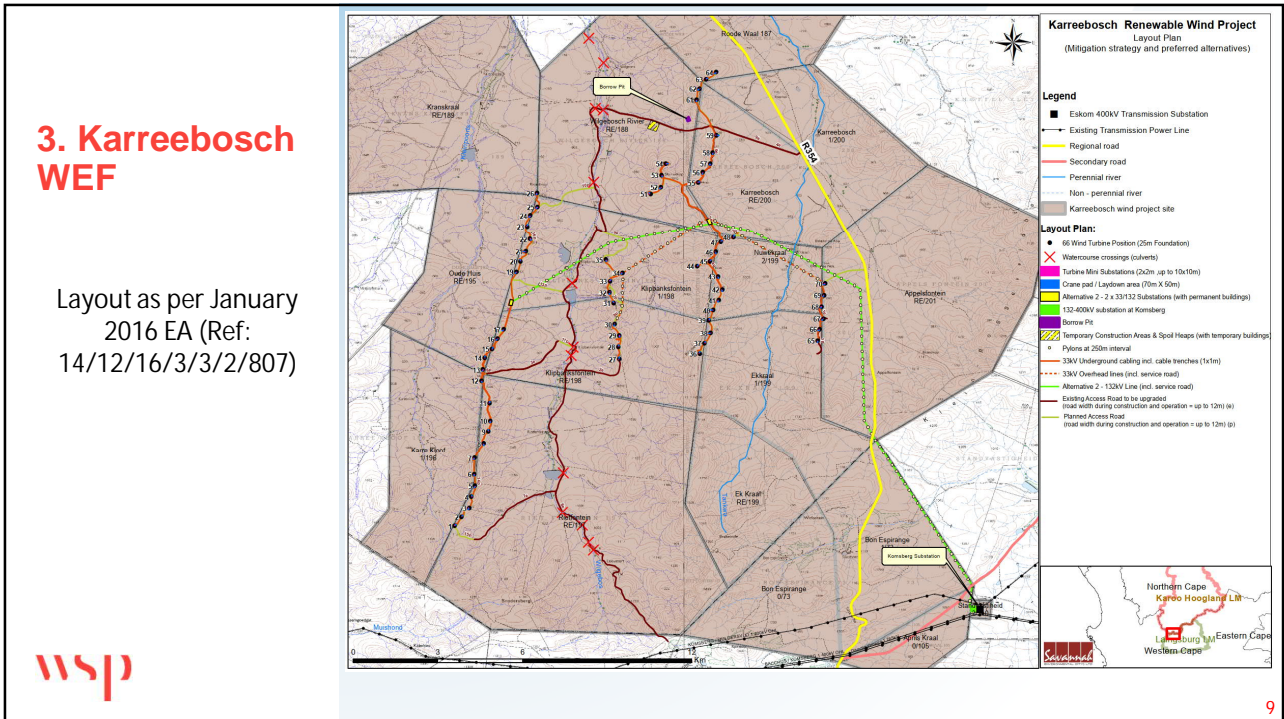


#### Existing Environmental Authorisation and Amendments

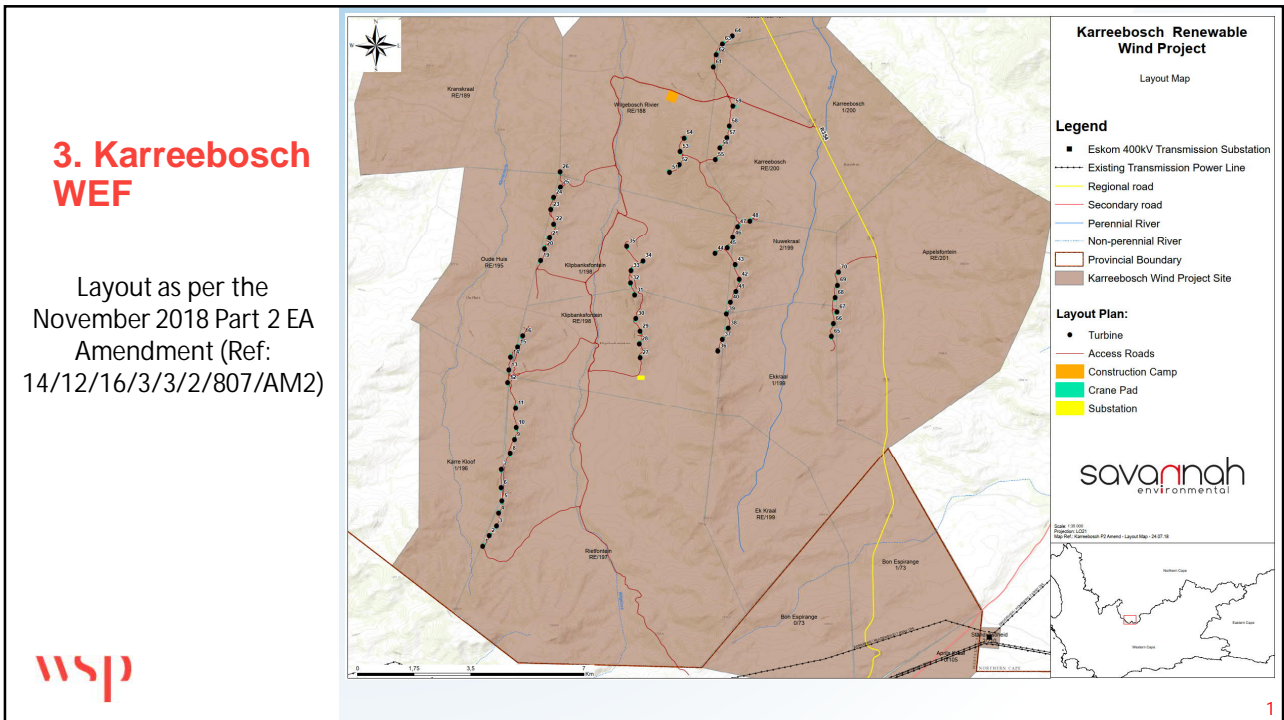
- EA for the Karreebosch WEF was issued on 29 January 2016 - 14/12/16/3/3/2/807
  - 140MW WEF of up to 65 turbines
  - Hub height of up to 100m
  - Rotor diameter of up to 140m
  - Approximately 25km of 132kV overhead powerlines from the onsite substation to Eskom's Komsberg Substation
- Subsequent amendments (EA Ref: 14/12/16/3/3/2/807/AM1, 14/12/16/3/3/2/807/AM2, 14/12/16/3/3/2/807/AM3) included increases in the hub height (up to 125m), rotor diameter (up to 160m), blade length (up to 80m), and minor amendments to the wording of certain conditions of the authorisation, as well as an extension of the validity of the EA to 2026.

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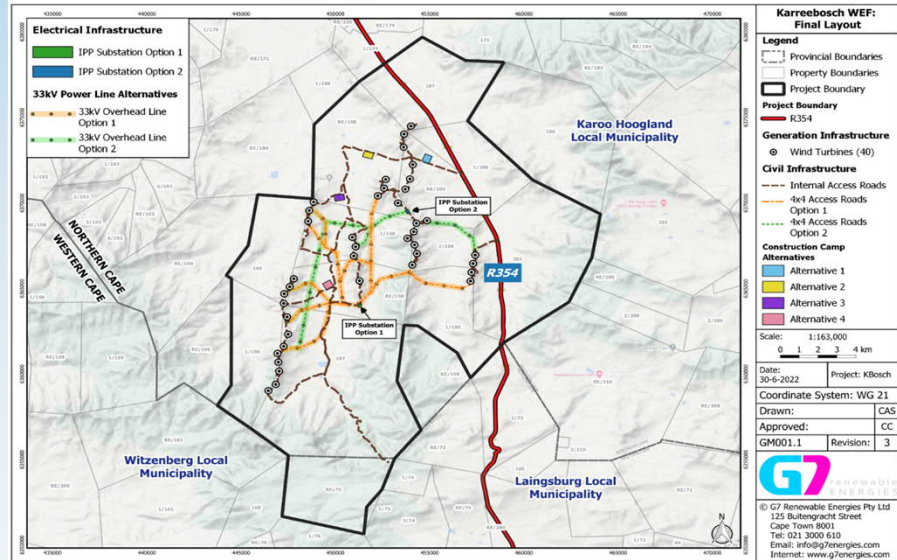


### 3. Karreebosch WEF

2022 Proposed Final Layout (40 turbines)



## Final Layout



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### 3. Karreebosch WEF



## Part 2 Amendment Process

- Proposed Amendments
  - Amend the details of the holder of the EA
  - Number of turbines: Up to 40 turbines (reduced from 65) with a maximum installed capacity of 149.9 MW and export capacity of 140MW
  - Turbine foundation: 30m in diameter and 5m in depth
  - Hub Height: up to 140M
  - Rotor diameter: up to 170M
  - Turbine generating capacity: up to 7.5MW each (with a total generation capacity not exceeding 140MW)
  - Blade length: up to 85 m
  - Additionally, amendments to length and width of access roads, areas occupied by buildings, laydown area, transformer stations and construction camp, capacity of onsite substation and height of fencing
- A Part 2 Amendment Process will therefore need to be undertaken as the increase in hub height and rotor diameter is a substantive amendment

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### 3. Karreebosch WEF



## Part 2 Amendment Process

- Pre-application authority consultation
- Application form submission (and R2000 application fee)
- Appointment of specialists to undertake required specialist study reviews and provide either updated reports or specialist statements
- An Assessment Report (AR) will be compiled. The report is required to include:
  - An assessment of all impacts related to the proposed change
  - Advantages and disadvantages associated with the proposed change
  - Measures to ensure avoidance, management and mitigation of impacts associated with such proposed change
  - Any changes required to the Environmental Management Programme (EMPr) and
  - All relevant specialist input will be included in the assessment reports
- Dissemination of Draft AR for 30-day public participation
- Submission of the Final AR (including the Comment and Response Report) together with the Final EMPr to Competent Authority
- DFFE to Grant or Refuse EA and provide written feedback
- Stakeholder notification of decision on EA Application

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### 3. Karreebosch WEF



## Part 2 Amendment Process

- Review and update (as required) of previous Specialist Studies including:
  - Avifauna
  - Bat
  - Biodiversity (including Rehabilitation Plan, Alien Invasive Management Plan, Search and Rescue Plan and Biological Monitoring Plan)
  - Desktop Geotechnical
  - Surface Water (including floodline assessment and SWMP)
  - Soils and Land Capability
  - Transport
  - Heritage (including Management Plan)
  - Visual
  - Noise
  - Social

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### 3. Karreebosch WEF



## EMPr Update and Final Layout Process

- The EA issued for the Karreebosch WEF indicates that the EMPr and layout submitted as part of the original EIA process were not approved and must be amended to include measures as dictated by the final site layout map and micro-siting and the provisions of the EA
  - Condition 16 – layout
  - Condition 18 – EMPr
- The EMPr must be made available for comments by registered Interested and Affected Parties (I&APs) and the holder of EA must consider such comments
  - Condition 18
- Once amended, the final EMPr must be submitted to the Department of Forestry, Fisheries and Environment (DFFE) for written approval prior to commencement of the activity
- Confirmation:
  - Amended EMPr will be submitted for approval
  - Not a Regulation 37 process as the EMPr is not yet approved
  - Final layout will be submitted as part of the EMPr approval process and will not trigger a Part 2 amendment as the layout is not yet approved

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### 4. Karreebosch Powerline



## Project Infrastructure

- Overhead Powerline
  - 132kV twin tern double circuit overhead powerline
  - Towers will either be steel lattice or monopole structures
  - Pole positions will only be available once the powerline detail design has been completed by the Eskom Design Review Team (DRT)
  - A 400m wide assessment corridor is being considered and has been walked down by the specialists for approval to allow for micro siting of tower positions once the detailed design has been completed
  - It is anticipated that towers will be located on average 200m to 250m apart; however, longer spans may be needed due to terrain and watercourse crossings
- Servitude
  - Registered servitude will fall within 400m wide assessment corridor and will be 31m wide (15.5 m on either side of the centre line)
  - Right of Way servitude (servitude road) will be up to 14m wide (7m on either side of centre line), resulting in a total servitude width of 45m in total
  - Length of the longest powerline route alternative is 20.52 km, which will result in a servitude area of up to 92.3 ha (unlikely to be this much due to the nature of the development).

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## 4. Karreebosch Powerline



### Project Infrastructure

- Substations
  - OHPL routed from the proposed onsite Karreebosch 33/132kV substation (associated with the approved Karreebosch WEF) to the existing Bon Espirange substation, after which it will connect to the existing 400kV Komsberg substation
  - Two alternative 33/132kV onsite substation locations at the Karreebosch WEF site each with a 200m x 150m (3 ha) footprint
  - 200m assessment area surrounding the proposed substations alternatives assessed for micro siting, with a slight funnel leading into the existing Bon Espirange and Komsberg substations to allow for greater flexibility for micro siting for incoming proposed line connections
  - May require an extension of the existing 400kV Komsberg substation, and therefore, the entire Komsberg substation property has been assessed
- Site Access
  - Accessed via roads forming part of the authorised Karreebosch WEF
  - Existing roads will be used as much as possible
  - Additional new access roads may be required to be constructed to provide access to sections of the powerline route
  - New sections of access roads will deviate off existing roads (within the 400m wide assessment corridor), as needed to access tower positions
  - Access roads will likely be gravel roads located up to 14m (Right of Way Servitud) following beneath the OHPL in order to access tower structures for construction and maintenance purposes

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## 4. Karreebosch Powerline



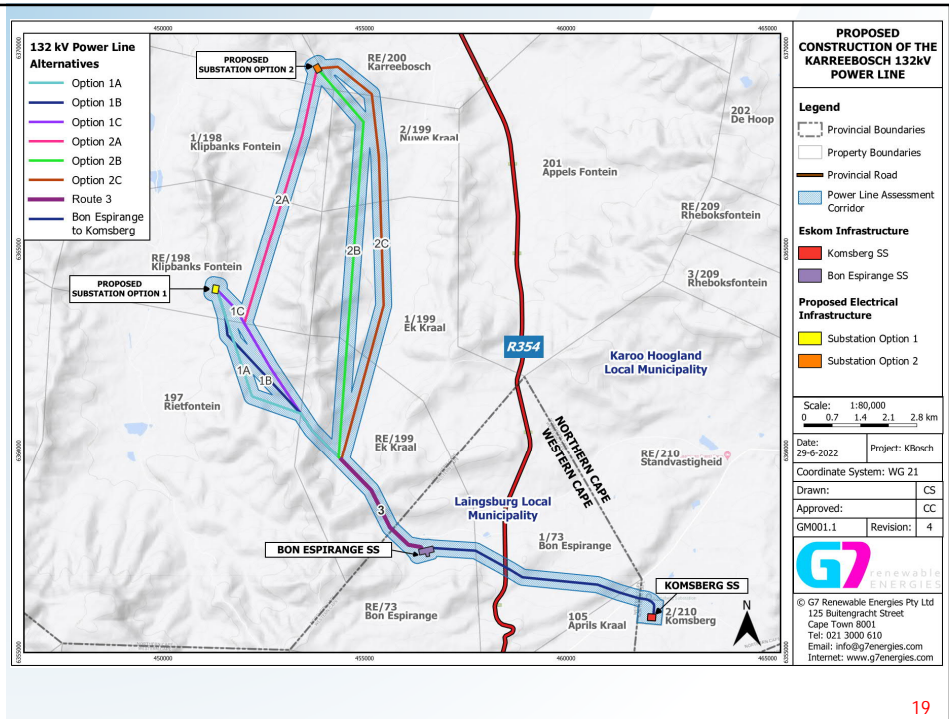
### Project Infrastructure

- Alternatives
  - Six (6) OHPL route alternatives (Options 1A, 1B, 1C, 2A, 2B and 2C) are proposed between the Karreebosch WEF onsite 33/132kV substation (with alternatives: Option 1 and Option 2) and the existing Bon Espirange Substation
  - Only one (1) OHPL route is technically feasible for the section of the proposed powerline directly preceding the existing Bon Espirange Substation and for the section connecting the Bon Espirange substation to the Komsberg substation (Route 3), which is approximately 9.2 km in length
  - No alternatives can therefore be provided for this section of the OHPL (Route 3)

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## 4. Karreebosch Powerline



## 4. Karreebosch Powerline




### Listed Activities

- Listing Notice 1 - GNR 327

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p><b>Activity 11:</b> The development of facilities or infrastructure for the transmission and distribution of electricity— (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts;</p>	<p>The project involves the construction of a 132kV double circuit OHPL (400m wide corridor) to evacuate electricity from the authorised Karreebosch WEF to feed it into the National Grid. The project will also include the Karreebosch on-site 33/132kV substation as well as the potential expansion of the Komsberg Substation.</p> <p>The transmission lines are outside of the urban edge.</p>
<p><b>Activity 12 (ii), (a) and (c):</b> The development of— (ii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs— (a) within a watercourse; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse</p>	<p>The proposed development will entail the construction of OHPL tower structures, access roads and associated infrastructure (buildings and other infrastructure) with a physical footprint of approximately 100m<sup>2</sup> or more within a surface water feature / watercourse or within 32m of a surface water feature / watercourse. The infrastructure associated with the proposed development will avoid the identified surface water features / watercourses where possible.</p> <p>A Surface Water Impact Assessment is being undertaken to assess the impacts of the proposed development on the identified surface water features / watercourses.</p>
<p><b>Activity 14</b> The development and related operation of facilities or infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic metres.</p>	<p>More than 80 m<sup>3</sup> (but less than 500 m<sup>3</sup>) of diesel will be temporarily stored in above ground storage tanks within the construction camp for use during the construction phase. It should be noted that the above ground diesel storage tanks will be located within the Karreebosch WEF construction camp to be used for both the WEF and OHPL during construction.</p>

## 4. Karreebosch Powerline




### Listed Activities (Cont.)

- [Listing Notice 1 - GNR 327](#)

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<b>Activity 19:</b> 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 proposed development will involve the excavation, removal, infilling, depositing and moving of 10m <sup>3</sup> or more of soil, sand, shells, shell grit, pebbles or rock from a watercourse for the construction of the OHPL servitude access roads.  A Surface Water Impact Assessment is being undertaken to assess the impacts of the proposed development on the identified surface water features / watercourses.
<b>Activity 24:</b> The development of a road— (i) with a reserve wider than 13.5 meters, or where no reserve exists where the road is wider than 8 metres;	The width of the OHPL servitude road to be developed as part of the project will be up to 14m wide.
<b>Activity 27:</b> The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for: (i) the undertaking of a linear activity; (ii) maintenance purposes undertaken in accordance with a maintenance management plan.	The proposed development includes the clearance of an area of 1 hectare (ha) or more, but less than 20ha of indigenous vegetation. This is not triggered as a result of the proposed power line as it is linear infrastructure. The proposed development however involves the construction of one (1) new substation (up to 3ha) and one (1) new O&M building (up to 1ha) which will occupy an area of approximately 4 ha in total. All vegetation on the substation and O&M building sites will need to be cleared for construction. Cleared vegetation will amount to an area of up to approximately 4 ha.  A Terrestrial Biodiversity Impact Assessment is being undertaken to assess the impacts of the proposed development on the biodiversity in the study area.
<b>Activity 28:</b> 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: (i) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.	The proposed development will entail the construction of OHPL tower structures, access roads and associated infrastructure (buildings and other infrastructure) with a physical footprint of greater than 1 ha outside of an urban area on land that is zoned for agriculture.

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## 4. Karreebosch Powerline




### Listed Activities (Cont.)

- [Listing Notice 1 - GNR 327](#)

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<b>Activity 47:</b> The expansion of facilities or infrastructure for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.	The project will also include the potential expansion of the Komsberg Substation.
<b>Activity 48:</b> The expansion of – (i) infrastructure or structures where the physical footprint is expanded by 100 square metres or more; where such expansion occurs— (a) within a watercourse; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;	The OHPL will require the expansion of roads and other infrastructure by 100m <sup>2</sup> or more within a watercourse or within 32m from a watercourse. Some of the existing access roads will need to be upgraded to be used as the OHPL servitude access roads and will traverse watercourses.  A Surface Water Impact Assessment is being undertaken to assess the impacts of the proposed development on the identified surface water features / watercourses.
<b>Activity 56:</b> The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre— (i) where the existing reserve is wider than 13.5 meters; or (ii) where no reserve exists, where the existing road is wider than 8 metres; excluding where widening or lengthening occur inside urban areas.	For the OHPL, internal access roads will be required to access the substations, O&M building and powerline towers. Existing roads will be used wherever possible; however, where required, existing access roads will need to be upgraded by widening more than 6m and/or by lengthening by more than 1km.

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## 4. Karreebosch Powerline




### Listed Activities (Cont.)

- Listing Notice 3 - GNR 324

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p><b>Activity 4:</b> The development of a road wider than 4 metres with a reserve less than 13.5 metres.</p> <p>g. Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas; (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p> <p>i. Western Cape ii. Areas outside urban areas; (aa) Areas containing indigenous vegetation;</p> <p><b>Activity 10:</b> The development and related operation of facilities or infrastructure for the storage, or storage and handling of a dangerous good where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres.</p> <p>g. Northern Cape ii. Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland; iii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas; (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>	<p>The OHPL 400m wide corridor including route alternatives traverse Critical Biodiversity Areas (according to the Western Cape Biodiversity Spatial Plan, 2017 and the Northern Cape Critical Biodiversity Areas, 2016) and fall within a National Protected Areas Expansion Strategy Focus Area. The OHPL will require an access road (of wider than 4m but less than 13.5m). The OHPL traverses both the Northern Cape and Western Cape Provinces.</p> <p>A Terrestrial Biodiversity Impact Assessment is being undertaken to assess the impacts of the proposed development on the biodiversity in the study area.</p> <p>More than 80 m<sup>3</sup> (but less than 500 m<sup>3</sup>) of diesel will be temporarily stored in above ground storage tanks within the construction camp for use during the construction period.</p> <p>The OHPL and substation site is outside of an urban area. The site is within Critical Biodiversity Areas (according to the Namakwa District Bioregional Sector Plan 2008 and the Northern Cape Critical Biodiversity Areas, 2016) and fall within National Protected Areas Expansion Strategy Focus Areas.</p> <p>A Terrestrial Biodiversity Impact Assessment is being undertaken to assess the impacts of the proposed development on the biodiversity in the study area.</p>

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## 4. Karreebosch Powerline



### Listed Activities (Cont.)


- Listing Notice 3 - GNR 324

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p><b>Activity 12:</b> The clearance of an area of 300 square metres or more of indigenous vegetation. Except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>g. Northern Cape i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; ii. Within critical biodiversity areas identified in bioregional plans;</p> <p>i. Western Cape i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; ii. Within critical biodiversity areas identified in bioregional plans;</p> <p><b>Activity 14:</b> The development of— (i) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs— (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>g. Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas; (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p> <p>i. Western Cape i. Outside urban areas: (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p>	<p>The construction of the OHPL tower structures, access roads and substation(s) will potentially require the clearance of indigenous vegetation where the combined area to be cleared will exceed 300 m<sup>2</sup>.</p> <p>The OHPL 400m wide corridor including route alternatives and associated infrastructure traverses Critical Biodiversity Areas (according to the Western Cape Biodiversity Spatial Plan, 2017 and the Northern Cape Critical Biodiversity Areas, 2016). The OHPL traverses both the Northern Cape and Western Cape Provinces.</p> <p>A Terrestrial Biodiversity Impact Assessment is being undertaken to assess the impacts of the proposed development on the biodiversity in the study area.</p> <p>The proposed development will entail the construction of OHPL tower structures, access roads and associated infrastructure (buildings and other infrastructure) with a physical footprint of approximately 10m<sup>2</sup> or more within a surface water feature / watercourse or within 32m of a surface water feature / watercourse.</p> <p>A Surface Water Impact Assessment is being undertaken to assess the impacts of the proposed development on the identified surface water features / watercourses.</p> <p>The OHPL 400m wide corridor including route alternatives and associated infrastructure traverses Critical Biodiversity Areas (according to the Western Cape Biodiversity Spatial Plan, 2017 and the Northern Cape Critical Biodiversity Areas, 2016) and falls within National Protected Areas Expansion Strategy Focus Areas. The OHPL traverses both the Northern Cape and Western Cape Provinces.</p>

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## 4. Karreebosch Powerline

A Basic Assessment Process is therefore proposed for the Karreebosch Powerline Project




### Listed Activities (Cont.)

- Listing Notice 3 - GNR 324

LISTED ACTIVITY	DESCRIPTION OF PROJECT ACTIVITY
<p><b>Activity 18:</b> The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>g. Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans; (ii) Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland;</p> <p>i. Western Cape ii. All areas outside urban areas: (aa) Areas containing indigenous vegetation;</p> <p><b>Activity 23:</b> The expansion of— (i) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such expansion occurs— (a) within a watercourse; (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>g. Northern Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas: (cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>i. Western Cape ii. Outside urban areas: (bb) National Protected Area Expansion Strategy Focus areas: (dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; (ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p>	<p>For the OHPL, internal access roads will be required to access the substations, O&amp;M building and powerline towers. Existing roads will be used wherever possible; however, where required, existing access roads will need to be upgraded by widening more than 4m and/or by lengthening more than 1 km.</p> <p>The roads fall within Critical Biodiversity Areas (according to the Western Cape Biodiversity Spatial Plan, 2017 and the Northern Cape Critical Biodiversity Areas, 2016) and fall within National Protected Areas Expansion Strategy Focus Areas, within a watercourse and within 100m of a watercourse and areas containing indigenous vegetation. The OHPL traverses both the Northern Cape and Western Cape Provinces.</p> <p>A Terrestrial Biodiversity Impact Assessment is being undertaken to assess the impacts of the proposed development on the biodiversity in the study area.</p> <p>The OHPL will require the expansion of roads and other infrastructure by 10m<sup>2</sup> or more within a watercourse or within 32m from a watercourse. Some of the existing access roads will need to be upgraded to be used as the OHPL servitude access roads and will traverse watercourses.</p> <p>A Surface Water Impact Assessment is being undertaken to assess the impacts of the proposed development on the identified surface water features / watercourses.</p>

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## 4. Karreebosch Powerline



### DFFE Screening Tool Identified Sensitivities

	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		
Civil Aviation Theme				X
Defence Theme				X
Palaeontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

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## 4. Karreebosch Powerline



### DEA Screening Tool Specialist Assessments

- Agricultural
- Landscape/Visual
- Archaeological & Cultural Heritage
- Palaeontology
- Terrestrial Biodiversity
- Aquatic Biodiversity
- Avian
- Civil Aviation
- Radio Frequency Interference (RFI)
- Geotechnical
- Plant Species
- Animal Species

No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_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	Avian Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Avifauna_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Avifauna_Assessment_Protocols.pdf</a>
8	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>
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>
1	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>
1	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>
1	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>

## 4. Karreebosch Powerline



### Specialist Studies Commissioned

SPECIALIST ASSESSMENT	COMMENT
Soils and Agricultural Potential Assessment	A soils and agricultural survey will be undertaken.
Archaeological and Cultural heritage Assessment	The powerline could potentially negatively impact on heritage and archaeological resources. An Archaeological and Heritage Impact Assessment will be undertaken.
Visual Impact Assessment	The powerline could potentially negatively impact sensitive visual receptors. A Visual Impact Assessment will therefore be undertaken.
Terrestrial Biodiversity Impact Assessment	A large portion of the route falls within a CBA and NPAES focus areas. A Terrestrial Biodiversity Assessment has therefore been included in the BA process.
Freshwater Impact Assessment	The proposed route traverses several watercourses. A Freshwater Impact Assessment will therefore be undertaken.
Avifauna Impact Assessment	Due to the potential impacts on birds as a result of the Overhead Powerline, an Avifauna Assessment will be undertaken as part of the BA Process.
Bat Impact Assessment	Due to the potential impacts on bats as a result of the Overhead Powerline, a Bat Impact Assessment will be undertaken as part of the BA Process.
Social Impact Assessment	A detailed social assessment will be prepared. The social assessment will be based on a desktop review and telephonic interviews with key stakeholders.
Geotechnical Assessment	A Geotechnical Assessment will be undertaken as part of the BA Process.
Traffic Assessment	A Traffic Assessment and a Traffic Management Plan will be compiled as part of the BA Process

## 4. Karreebosch Powerline

### Specialist Studies NOT Commissioned

SPECIALIST ASSESSMENT	COMMENT
RFI	A Radio Frequency Interference (RFI) Study will not be undertaken. During the previous EIA and BA processes the SKA-SA confirmed that the WEF and associated infrastructure will have no impact on the SKA. SKA-SA as well as the South African Radio Astronomy Observatory (SARAO) will be engaged with as part of the Public Participation Process.
Civil Aviation	Civil Aviation was identified as having Low Sensitivity. The Civil Aviation Authority will be included on the project stakeholder database. They will be informed of the proposed Project, and comment will be sought. An Application for the Approval of Obstacles will also be submitted to SACAA.

## 5. Permitting Process

### Competent Authority

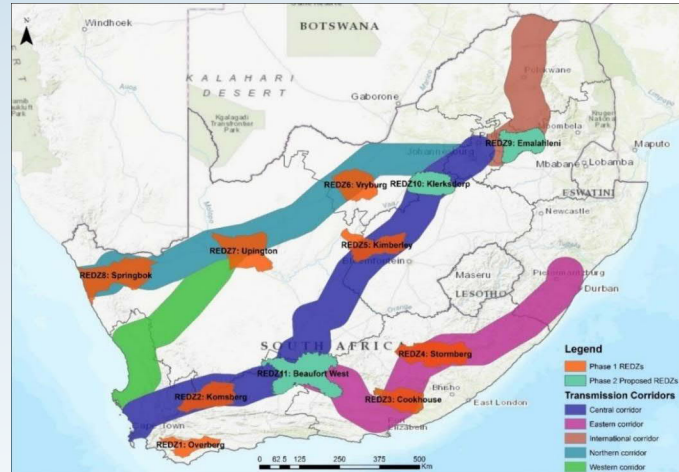
- Section 24C(2)(a) of NEMA
  - The Minister must be identified as the CA if the activity has implications for international environmental commitments or relations
- GN 779 of 01 July 2016
  - Identifies the Minister as the CA for the consideration and processing of environmental authorisations and amendments thereto for activities related the Integrated Resource Plan (IRP) 2010 – 2030
- DFFE is therefore deemed to be the Competent Authority for both the Part 2 Amendment and BA Process



## 6. Key Considerations

### Key Considerations

- Karreebosch Powerline falls within the Central Strategic Transmission Corridor
- Proposed Karreebosch WEF is located entirely within the Komsberg Renewable Energy Development Zone (REDZ)



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## 7. Public Participation Process

### Public Participation Plan

- Site notices:
  - English and Afrikaans
- Compilation and management of I&AP Database
- Written notification:
  - Owners and occupiers on or adjacent to the proposed project site
  - Municipality Ward Councillor
  - District Municipality
  - Relevant State Departments
- Advertisement (one English and one Afrikaans in local and regional newspaper – Die Burger and Die Noordwester)
- Draft Report Review for 30 days
  - WSP on request
  - Online on the G7 website
  - Hard copies at the Sutherland Public Library and Laingsburg Public Library
- No provision has been made for public or focus group meetings

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## 8. Timeframes

- Basic Assessment
  - Falls within Central Strategic Transmission Corridor (GN 113)
  - Falls within the Komsberg REDZ (GN 114)
  - Authority decision making timeframe is 57 days
- Part 2 Amendment
  - Falls within the Komsberg REDZ (GN 114)
  - Authority decision making timeframe is 57 days
- Updated EMPr and Final layout
  - Authority decision making timeframe is 30 days (combined with Part 2 process so 57 days)



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## 6. Questions and Discussion



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## 7. Way forward

