

Kokerboom 1 Wind Energy Facility Public Participation Report

DEA Reference:14/12/16/3/3/2/985



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1 INTRODUCTION

The Kokerboom 1 Wind Energy Facility (WEF) is located near Loeriesfontein in the Hantam Local Municipality of the Northern Cape. A number of amendments have been proposed to the project scope (as detailed in the Amendment Report) and requires a Part 2 amendment process¹ to be undertaken, including a 30-day public participation process (PPP)². The aim of the PPP is to inform all potential and registered Interested and Affected Parties (I&APs) of the proposed amendments and any associated changes in the assessed impacts. It also allows the Competent Authority, the Department of Environmental Affairs (DEA), to make an informed decision based on a transparent and meaningful process.

This PPP must be undertaken in accordance with regulations 39 - 44 of the EIA Regulations. Additional guidance has also been incorporated from the Western Cape³ Department of Environmental Affairs and Development Planning (DEA&DP) Guideline Document on Public Participation (March 2013).

This Public Participation Report (PPR) has therefore been compiled to collectively represent the consultation process that has been undertaken through the PPP. The following sections include:

- Section 2 A database of I&APs was created and maintained during the original EIA phase. All registered I&APs were requested (via email) to confirm and/or update their contact details. In instances where email addresses were not available, phone calls were made to the applicable I&AP. The database will continue to be updated and maintained throughout the amendment process.
- Section 3 The consultation undertaken during the amendment process of this project is described in this section. Proof of advertisements, site notices and deliveries will be included in the Final Amendment Report submitted to DEA in Appendix E3.
- Section 4 Comments received during the PPP and responses provided will be summarised into a table in this section for submission to DEA in the Final Amendment Report. All original comments and responses will be included in Appendix E4.
- Section 5 This section explains the way forward once PPP has been completed.

2 I&AP DATABASE

Table 1 on the following page provides a summary of the I&AP database for the Kokerboom 1 WEF. Please note that contact details have been omitted for privacy reasons.

¹ In terms of the amended Environmental Impact Assessment (EIA) Regulations of 2014 of the National Environmental Management Act (Act 107 of 1998) (NEMA), as amended.

² In terms of Regulation 32 of the EIA Regulations (GN R982).

³ These guidelines have been considered as best practice even though the project may be located outside of the province.

Table 1: I&AP Database

Stakeholder	Contact	Organisation
	S Muobeleni	Department of Agriculture, Forestry and Fisheries
	M Marubini	Department of Agriculture, Forestry and Fisheries: Delegate of the Minister (Act 70 of 1970)
	T Buthelezi	Department of Agriculture, Forestry and Fisheries: AgriLand Liaison Office (case reference 2016_10_0192)
	T Sangweni	Department of Environmental Affairs: IEM case officer (DEA ref: 14/12/16/3/3/2/985)
	W Lutsch	Department of Environmental Affairs: Biodiversity Conservation
	A August	Department of Health
	L Njemla	Department of Mineral Resources
	Z Kapika	National Energy Regulator of South Africa
	N Higgit	South African Heritage Resources Agency
	R de Kock	South African National Roads Agency
	J Geeringh	Eskom Transmission
	W Mulaudzi	Eskom Distribution
State authority - provincial	T Makaudi	Department of Environmental Affairs and Nature Conservation
	O Ndzumo	Department of Environmental Affairs and Nature Conservation (case officer: NC/DRF/SOI/NAM/SPRI/2016)
	T Lentswe	Department of Energy
	L Terblanche	Department of Agriculture, Land Reform and Rural Development
	RC Barlow	Department of Transport
	S Manamathela	Department of Water and Sanitation
	A Timothy	Northern Cape Provincial Heritage Agency (Boswa ya Kapa Bokone)
Municipality	C Fortuin	Namakwa District Municipality
	O Isaacs	Khai-Ma Local Municipality
	J Swartz	Hantam Local Municipality
	R van Wyk	Hantam Local Municipality
	Shereave Felix	Hantam Local Municipality
	G Opperman	Ward Councillor (Ward 5), Hantam Local Municipality
	D Ockhuis	Ward 5 Committee Member
	F Farao	Ward 5 Committee Member
Landowner	H van Heerden	AJ van Heerden Family Trust, Leeuwergrivier, 1163
	D van der Westhuizen	Van der Westhuizen Family Trust, Kleine Rooiberg, RE/227
Adjacent landowners	F van der Merwe	Sous Farm, RE/226
	H van der Westhuizen	Springbok Tand, RE/215
	D van der Westhuizen	SpringbokPan, RE/1164
	G van der Westhuizen	Farm 5/227
	H van Heerden	Leeuwergrivier, 225 (also landowner for Kokerboom 1)
Key stakeholders	S Ralston	BirdlifeSA
	K MacEwan	South African Bat Assessment Association (SABAA)
	A Tiplady and T Monama	Square Kilometre Array (SKA)
	P Mckuchsne	Northern Cape Tourism Authority
	P Dowling	Wildlife and Environment Society of South Africa (WESSA)
	L Leeuwner	Endangered Wildlife Trust (EWT) – Wildlife Energy Programme

Stakeholder	Contact	Organisation
	J Coetzee	World Wildlife Fund (WWF)
	L Stroh	Civil Aviation Authority
	R Jardine	Weather SA
	S Motlhake	SENTECH
	K Browne	South African Large Telescope (SALT)
	R Sefaku	South African Astronomical Observatory (SAAO)
Interested parties	M van Rooy	Resident
	E Marais, M Grimbeek and R Thomas	Mainstream Renewable Power
	T Thorogood	Mainstream: General Manager of Loeriesfontein and Khobab Wind Farms
	B Lintvelt	Lintvelt Familie Trust
	K de Bruyn, V Fyfe	G7 Renewable Energies
	S Jacobs	SiVEST
	S Waterboer	Loeriesfontein resident
	R Beukes	Loeriesfontein resident
	J Souw	Loeriesfontein resident
	C Beukes	Loeriesfontein resident
	F van Schalkwyk	Loeriesfontein resident
	W Waterboer	Loeriesfontein resident
	L Waterboer	Loeriesfontein resident
	J Stout	Loeriesfontein resident
	G Matthys	Loeriesfontein resident
	E Waterboer	Loeriesfontein resident
	A Souw	Loeriesfontein resident
	M Links	Loeriesfontein resident
	L Strauss	Loeriesfontein resident
	R van Zyl	Loeriesfontein resident
	M Swarts	Loeriesfontein resident
	K Spaneberg	Loeriesfontein resident
	E Swarts	Loeriesfontein resident
	S Pretorius	Loeriesfontein resident
	D Gouws	Loeriesfontein resident
	A Mouton	Loeriesfontein resident
	E Januarie	Loeriesfontein resident
	N Ryk	Loeriesfontein resident
	L Swarts	Loeriesfontein resident
	K van Schalkwyk	Loeriesfontein resident
	E Klaasen	Loeriesfontein resident
	A Basson	Loeriesfontein resident
	R Dreyer	Loeriesfontein resident
M Ockhuis	Loeriesfontein resident	
V van Wyk	Loeriesfontein resident	
J Scheepers	Loeriesfontein resident	
Z Steenkamp	Loeriesfontein resident	
M Hugo	Loeriesfontein resident	

Stakeholder	Contact	Organisation
	S van der Merwe	Loeriesfontein resident
	K Swarts	Loeriesfontein resident
	I Nel	Loeriesfontein resident

3 AMENDMENT PHASE CONSULTATION

Prior to the circulation of the Draft Amendment Report and submission of the amendment application form to DEA, the following measures were undertaken to ensure that the legislated 30-day public comment period will reach the relevant parties.

3.1 Advertisements

An advertisement, in both English and Afrikaans, was placed in Die Burger on 06 March 2019. The English text is available in Figure 1 to ensure legibility. Proof of the advertisement will be included in the Final Amendment Report submitted to DEA.

KOKERBOOM 1 AND KOKERBOOM 2 WIND ENERGY FACILITIES NEAR LOERIESFONTEIN, HANTAM LOCAL MUNICIPALITY, NORTHERN-CAPE

DEA Ref: 14/12/16/3/3/2/985 (Kokerboom 1)

DEA Ref: 14/12/16/3/3/2/986 (Kokerboom 2)

Application for Amendment of Environmental Authorisation

Applications have been submitted to the Department of Environmental Affairs to amend the Environmental Authorizations that were granted by the Department on 29 November 2017 to both projects. This is the second application for amendment, and includes the following:

- Improved wind turbine technology (increased hub height, rotor diameter and rated power of the turbines); and
- An optimized layout to accommodate the revised turbine specifications.

The proposed amendments listed above is considered a substantive amendment (Part 2 amendment) by the Department in terms of Regulation 31 and 32 of the Environmental Impact Assessment (EIA) Regulation (GN R982 as amended) of the National Environmental Management Act (Act 107 of 1998) as amended. Amendment Reports have been compiled for both projects and are available for public review as indicated below. The Amendment Reports provide a description of the proposed amendments; the changes to the impact assessment ratings originally authorised in 2017; additional mitigation measures to be considered; and subsequently any advantages and disadvantages associated with the proposed amendments.

The Amendment Reports are accessible to the public at the following locations for a period of 30 days, from **6 March** until **8 April 2019**:

- Loeriesfontein Public Library (Main street, Loeriesfontein);
- Aurecon's website: <http://aurecongroup.com/en/public-participation.aspx>; and
- Dropbox: (https://www.dropbox.com/sh/s1c4yydv8ao7s49/AAAN1QxCzf0TCs_bzcOKRP_cQka?dl=0).

For further information on accessing the projects, or to submit a comment on the projects, please contact Ms Pearl Rakeepile (Tel: 021 526 6044 / Email: pearl.rakeepile@aurecongroup.com) or Ms Franci Gresse (Tel: 021 526 6022 / Email: franci.gresse@aurecongroup.com) of Aurecon by **8 April 2019**.

The Aurecon logo consists of the word "aurecon" in a bold, lowercase, sans-serif font. A small green square is positioned above the letter 'a'.

Figure 1: Copy of the advertisement text that was placed in *Die Burger*

3.2 Site notices

Site notices in English and Afrikaans were fixed at three points on the Nuwepos Road towards the Kokerboom 1 Wind Farm, as well as the library and municipal offices in Loeriesfontein. The text of the site notice is included in English below in Figure 3. Proof of placement will be provided in the Final Amendment Report submitted to DEA. The combined English and Afrikaans notice was of a size and content required by the relevant Guidelines.

APPLICATION FOR AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE KOKERBOOM 1 AND KOKERBOOM 2 WIND ENERGY FACILITIES

DEA Ref: 14/12/16/3/3/2/985 (Kokerboom 1) & 14/12/16/3/3/2/986 (Kokerboom 2)

Description: Business Venture Investments No 1788 (Pty) Ltd (the applicant), received Environmental Authorization (EA) on 29 November 2017 in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA), as amended, for the development of two wind energy facilities (WEFs) and associated infrastructure, namely Kokerboom 1 and Kokerboom 2. The applicant is proposing to amend the EAs for the Kokerboom 1 and Kokerboom 2 WEFs to allow for:

- Improved wind turbine technology (increased hub height, rotor diameter and rated power of the turbines); and
- An optimised layout to accommodate the revised turbine specifications.

Location: Both the Kokerboom 1 and Kokerboom 2 WEFs are located near Loeriesfontein within the Hantam Local Municipality, which falls under the jurisdiction of the Namakwa District Municipality in the Western Cape Province. The properties involved are shown in the table below.

Kokerboom 1: Farm Leeuwergrivier (Farm no. 1163) and the Remainder of Farm Kleine Rooiberg (Farm 227)	Kokerboom 2: Farm Springbokpan, Farm No. 1164
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The proposed amendments would result in a change to the scope of the Kokerboom 1 and Kokerboom 2 EAs and thus requires a Part 2 amendment process to be undertaken as described in Sections 31 and 32 of Government Notice Regulation 982 (GN R982, as amended) of NEMA.

Aurecon South Africa (Pty) Ltd (Aurecon) has been appointed by Business Venture Investments No 1788 (Pty) Ltd to undertake the above-mentioned amendment process.

The proposed amendments have been assessed in two separate amendment reports which are available at the Loeriesfontein Public Library (5 Main road, Loeriesfontein, 8185) for a 30-day public comment period from 6 March to 8 April 2019. If you would like to obtain more information, be kept informed throughout the process, register as an interested and affected party (I&AP) or wish to submit any comments or concerns, please contact Ms Pearl Rakeepile of Aurecon at Tel: 021 526 6044, email: Pearl.Rakeepile@aurecongroup.com and/or post: PO Box 494, Cape Town, 8000.

Registered I&APs from the original Environmental Impact Assessment (EIA) process are urged to please confirm their contact details with Ms Rakeepile as soon as possible to ensure receipt of future notifications regarding the proposed amendment process.




Figure 3: English site notice content

4 COMMENTS AND RESPONSES

Table 2 will be updated with a summary of the comments received during the public participation process and responses provided by Aurecon and the applicant. The original comments will be included in Appendix E4 of the Final Amendment Report for submission to DEA.

Table 2: I&AP Comments and Responses

No.	Date of comment, format of comment, name of organisation/ I&AP	Comment	Response from EAP/ Applicant
1			

5 WAY FORWARD

Following the 30-day public comment period, the Draft Amendment Report will be updated by incorporating any I&AP comments received (where relevant). All comments will be recorded and responded to in this PPR which will be circulated to all who have provided comment. The updated Amendment Report will then be submitted to DEA for their decision-making process. Once DEA has made their decision on the proposed amendment project, all registered I&APs will be notified of the outcome of the decision within fourteen (14) calendar days of the decision and the right to appeal the project.

6 Appendices

Appendix E1 | Landowner Agreement(s)

Appendix E2 | Written Notification

Appendix E3 | Proof of Delivery

Appendix E4 | Comments and Responses

LETTER OF CONSENT

I, the undersigned,

HERCULES CHRISTIAAN VAN HEERDEN (Snr)

(ID Number 580303 5021 080)

as the duly authorised representative for:

AJ VAN HEERDEN FAMILIE TRUST

(IT4437/1996)

the registered owner of the property:

THE FARM LEEUWBERGRIVIER NO. 1163

Registration Division Calvinia

Province of the Northern Cape

Held by Deed of Transfer T107008/1998

(SG Code: C01500000000116300000)

hereby consent to the proposed development of a Wind Energy Facility and associated infrastructure on the above-mentioned property, by the Applicant, **Business Venture Investments No. 1788 (Pty) Ltd** (Registration Number 2013/209393/07). I further confirm that the AJ Van Heerden Familie Trust is aware of the Environmental Impact Assessment process to be undertaken for the proposed development.

Signed at SOMERSET WEST on this day 17 AUGUST 2016.



HC Van Heerden

LETTER OF CONSENT

I, the undersigned,

**JOHANNA MAGRIETHA VAN DER WESTHUIZEN
IDENTITY NUMBER 370909 0056 006
UNMARRIED**

As representative of the registered owners:

**JOHANNA MAGRIETHA VAN DER WESTHUIZEN
IDENTITY NUMBER 370909 0056 006
UNMARRIED**

**MAGRIETHA JACOBA VAN DER WESTHUIZEN
IDENTITY NUMBER 291011 0024 005
UNMARRIED**

**JOSIAS VAN DER WESTHUIZEN
IDENTITY NUMBER 620510 5189 087
MARRIED IN COMMUNITY OF PROPERTY TO
TANJA VAN DER WESTHUIZEN
IDENTITY NUMBER 631230 0118 083**

**JOSIAS JOHANNES VAN DER WESTHUIZEN
IDENTITY NUMBER 560201 5034 000
UNMARRIED**

Of the properties:

REMAINING EXTENT OF THE FARM SPRINGBOK TAND 215

Registration Division Calvinia, Province of the Northern Cape

Held by Deed of Transfer T101268/2005, T18926/1985, T106445/2003, T18930/1985,
T18928/1985, T71722/1994, T90979/1996
(SG Code: C01500000000215000000)

And

REMAINING EXTENT OF THE FARM KLEINE ROOIBERG 227

Registration Division Calvinia, Province of the Northern Cape

Held by Deed of Transfer T101268/2005, T18926/1985, T106445/2003, T18930/1985,
T18298/1985, T71722/1994, T90979/1996
(SG Code: C01500000000227000000)

hereby consent to the proposed development of a Wind Energy Facility and associated infrastructure on the above-mentioned properties, by the Applicant, **Business Venture Investments No. 1788 (Pty) Ltd** (Registration Number 2013/209393/07). We further confirm that the undersigned land owners are aware of the Environmental Impact Assessment process to be undertaken for the proposed development.

Signed at Loeriesfontein on this day 15-08 2016.

J.M. v.d. Westhuizen
JOHANNA MAGRIETHA VAN DER WESTHUIZEN

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The Aurecon logo consists of a small green square above the word "aurecon" in a bold, lowercase, sans-serif font.

5 March 2019

Dear Sir/Madam

**APPLICATION FOR AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE
KOKERBOOM 1 AND KOKERBOOM 2 WIND ENERGY FACILITIES
DEA Ref: 14/12/16/3/3/2/985 (Kokerboom 1) & 14/12/16/3/3/2/986 (Kokerboom 2)**

**PUBLIC PARTICIPATION PROCESS
AVAILABILITY OF REPORTS FOR COMMENT**

Our correspondence dated 12 December 2017 regarding the Environmental Authorisation's (EAs) granted to Business Venture Investments No. 1788 (Pty) Ltd (BVI) on 29 November 2017, for the above-mentioned projects has reference.

BVI is proposing to amend the EAs for the Kokerboom 1 and Kokerboom 2 Wind Energy Facilities (WEFs) and has appointed Aurecon South Africa (Pty) Ltd to manage the amendment process in terms of the 2014 Environmental Impact Assessment (EIA) Regulations (GN R982 of December 2014, as amended). The purpose of the proposed amendments is to allow for:

- Improved wind turbine technology (increased hub height, rotor diameter and rated power of the turbines); and
- An optimized layout to accommodate the revised turbine specifications.

The proposed amendments would result in a change to the scope of the Kokerboom 1 and Kokerboom 2 WEF EAs and would thus require a Part 2 amendment process as described in Sections 31 and 32 of GN R982 (2014, as amended).

The purpose of this letter is to notify you, as a registered interested and affected party (I&AP), of the opportunity to comment on the Kokerboom 1 and Kokerboom 2 amendment reports in accordance with the requirements of the EIA Regulations (GN R982 of 2014, as amended).

The Amendment Reports are accessible to the public at the following locations for a period of 30 days, from 6 March until 8 April 2019:

- Loeriesfontein Public Library (Main Street, Loeriesfontein);
- Aurecon's website: <http://aurecongroup.com/en/public-participation.aspx>; and
- Dropbox: (<https://www.dropbox.com/sh/s1c4yydv8ao7s49/AAAN1QxCzf0TCsbzCOKRPcQka?dl=0>).

For further information on the Kokerboom 1 and Kokerboom 2 WEFs, please contact Ms Pearl Rakeepile (Tel: 021 526 6044 / Email: pearl.rakeepile@aurecongroup.com) or Ms Franci Gresse (Tel: 021 526 6022 / Email: franci.gresse@aurecongroup.com) of Aurecon **by 8 April 2019**.

Yours faithfully

A handwritten signature in black ink, appearing to read "Franci Gresse".

FRANCI GRESSE
Senior Environmental Consultant

Aurecon South Africa (Pty) Ltd Reg No 1977/003711/07
Board of Directors (07/2016)
NN Gwagwa (Chairperson)*, MJ Breed, ZB Ebrahim*,
NVB Magubane*, F Nell, GJ Swiegers *Non-Executive Director
Under licence from Aurecon Group Brand (Pte) Ltd Reg no 200903592H

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5 Maart 2019

Geagte Heer/Dame

**AANSOEK VIR WYSIGINGS VAN DIE OMGEWINGSMAGTIGING VIR DIE KOKERBOOM 1 EN
KOKERBOOM 2 WIND-ENERGIE FASILITEITE**
DOS Verw.: 14/12/16/3/3/2/985 (Kokerboom 1)
DOS Verw.: 14/12/16/3/3/2/986 (Kokerboom 2)

PUBLIEKE DEELNAME PROSES
BESIKBAARHEID VAN VERSLAE VIR KOMMENTAAR

Met betrekking tot ons skrywe gedateer 12 Desember 2017 aangaande die Omgewingsmagtiging (OM) wat op 29 November 2017 aan Business Venture Investments No. 1788 (Edms) Bpk (BVI) toegeken is vir die bogenoemde projekte.

BVI het Aurecon Suid-Afrika (Edms) Bpk aangestel om 'n proses deur te voer vir die wysiging van die OMs vir die Kokerboom 1 en Kokerboom 2 Wind-Energie Fasiliteite. Die wysigingsproses sal plaasvind ingevolge die 2014 Regulasies vir Omgewingsinvloedbepaling (OIB) (GK R982, soos gewysig). Die doel van die voorgestelde wysigings is om voorsiening te maak vir:

- Verbeterde windturbine tegnologie (verhoging van die naaf-hoogte, vergroting van die rotor-deursnee en vergroting van die turbine vermoë om krag op te wek); en
- Optimalisering van die uitleg met inagneming van die gewysigde turbine-spesifikasies.

Die voorgestelde wysigings sal lei tot 'n verandering in die omvang van die OMs vir Kokerboom 1 en Kokerboom 2 Wind-Energie Fasiliteite, en vereis dus dat 'n Deel 2-wysigingsproses onderneem word soos uiteengesit in Artikels 31 en 32 van GK R982 (2014, soos gewysig).

Die doel van hierdie brief is om u as 'n geregistreerde belanghebbende en geaffekteerde party (B&GP) in kennis te stel van die geleentheid om kommentaar te lewer op die Kokerboom 1 en Kokerboom 2 wysigingsverslae ooreenkomstig met die vereistes van die OIB-regulasies (GK R982 van 2014, soos gewysig).

Die Wysigings Verslae kan deur die publiek besigtig word **vanaf 6 Maart tot 8 April 2019** vir 'n tydperk van 30 dae te:

- Loeriesfontein Publieke Biblioteek (Pleinstraat, Loeriesfontein / Tel: 027 662 1182);
- Aurecon se webwerf: <http://aurecongroup.com/en/public-participation.aspx>; en
- Dropbox: (<https://www.dropbox.com/sh/s1c4yydv8ao7s49/AAAN1QxCzf0TCsbzcOKRPeQka?dl=0>).

Vir meer inligting oor die Kokerboom 1 en Kokerboom 2 Wind-Energie Fasiliteite, kontak asseblief vir Me Pearl Rakeepile (Tel: 021 526 6044 / Epos: pearl.rakeepile@aurecongroup.com) of Me Franci Gresse (Tel: 021 526 6022 / Epos: franci.gresse@aurecongroup.com) van Aurecon voor of op **8 April 2019**.

Die Uwe

Franci Gresse
Senior Omgewingskonsultant