Appendix C10

- Scoping Phase Public Meeting



21 June 2017

DEA Ref: To be Confirmed

Dear Interested and Affected Party:

RE: NOTIFICATION OF PUBLIC MEETING VENUE – HUTCHINSON TOWN HALL, NOUPOORT FOR THE PROPOSED SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES AND ASSOCIATED GRID CONNECTIONS, NORTHERN AND EASTERN CAPE PROVINCES

Arcus has been appointed to conduct the required public participation processes (PPP) for the proposed developments. As part of the public participation process, Arcus will be hosting a **Public Meeting**. You are invited to attend this meeting. The purpose of this meeting is to provide you with information regarding the proposed developments and to record any questions or comments that you may have on the projects.

The details regarding the meeting are as follows:

Date	Details
Thursday 29 th June 2017	Venue: Hutchinson Town Hall, Corner Shaw Street and Murray Street, Noupoort 5950. Time: 17h00 – 18h30
	Structure of Meeting : A short presentation will be given introducing the proposed development. A facilitated questions and comments session to follow after the presentation.

Should you be interested in attending this meeting and for catering purposes please RSVP as soon as possible, details provided below:

Arcus Consultancy Services Ltd

Tel: +27 (0) 21 412 1529 / Fax: +27 (0) 86 609 7327

Postal address: Office 220 Cube Workspace Cnr Long Street and Hans Strijdom Road,

Cape Town 8001

Email: sankraal@arcusconsulting.co.za, or phezukomoya@arcusconsulting.co.za,

Please feel free to contact the undersigned should you have any queries.

Kind Regards,

Ashlin Bodasing

San Kraal and Phezukomoya WEFs

Email Delivery Receipts – Public Meeting Invitation Sent to I&APs



Wed 21/06/2017 11:03

sankraal

NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT

Cc fauntyg@vodamail.co.za; pia@drugalarm.co.za; drmurray@xsinet.co.za; andre@neserattorneys.co.za; transkaroo@eik.co.za; paardevlei@adsactive.com; r_langenhoven@yahoo.com; wolwekop@gmail.com; roojpoort@adsactive.com; n.paardevlei@gmail.com; carltonheightsguesthouse@gmail.com; cvanhuyssteen@danielpienaar.co.za



Public Meeting Invite_Updated Venue.pdf (214 KB)

Dear Interested and Affected Party,

RE: NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT - FOR THE PROPOSED SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES AND ASSOCIATED GRID CONNECTIONS, NORTHERN AND EASTERN CAPE PROVINCES

Please find attached the updated Public Meeting Invite, indicating the Meeting Venue.

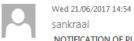
Please do not hesitate to contact me should you have any queries with the abovementioned.

Kindest Regards,

Anna Crisp Junior Consultant

Tel: +27 (0) 21 412 1529

Email: AnnesleyC@arcusconsulting.co.za



NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT

Cc 'records@pixleykaseme.gov.za'; 'pixley@telkomsa.net'; 'communications@chrishanidm.gov.za'



Message Public Meeting Invite_Updated Venue.pdf (214 KB)

Dear Interested and Affected Party,

RE: NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT - FOR THE PROPOSED SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES AND ASSOCIATED GRID CONNECTIONS, NORTHERN AND EASTERN CAPE PROVINCES

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Please do not hesitate to contact me should you have any queries with the abovementioned.

Kindest Regards,

Anna Crisp Junior Consultant



Thu 22/06/2017 10:40 sankraal

NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT

To sankraal

Bcc 'nwabisa.qwanyashe@dmr.gov.za'; 'Nokuthula.Mbeje@energy.gov.za'; 'precian@gcis.gov.za'; 'MmaphakaT@daff.gov.za'; 'Malebo.Baloi@drdlr.gov.za'; 'Ramaleho.saila@drdlr.gov.za'; 'DGOffice@drdlr.gov.za'; 'Mdakanep@dwa.gov.za'; 'selepeg@dot.gov.za'; 'nozipho@doc.gov.za'; 'bybaduza@sahra.org.za'; 'mpela@umsobomvumun.co.za'; 'pixley@elkomsa.net'; 'amabunda@grand.ncape.gov.za'; 'norors@ncpg.gov.za'; 'pixley@elkomsa.net'; 'amabunda@grand.ncape.gov.za'; 'norors@ncpg.gov.za'; 'pixley@elkomsa.net'; 'mpela@umsobomvumun.co.za'; 'belepeg@dot.gov.za'; 'arors@ncpg.gov.za'; 'norors@ncpg.gov.za'; 'pixley@elkomsa.net'; 'amabunda@grand.ncape.gov.za'; 'norors@ncpg.gov.za'; 'mzwandile@iym.gov.za'; 'incan.getu@deaet.ecape.gov.za'; 'budua@drdlr.gov.za'; 'arors.aedws.gov.za'; 'mzwandile@iym.gov.za'; 'unorors.angoni@ecds.gov.za'; 'lunokazi.sangoni@ecdsd.gov.za'; 'lunokaz



Message

Public Meeting Invite_Updated Venue.pdf (214 KB)

Dear Interested and Affected Party,

RE: NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT - FOR THE PROPOSED SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES AND ASSOCIATED GRID CONNECTIONS, NORTHERN AND EASTERN CAPE PROVINCES

Please find attached the updated Public Meeting Invite now indicating the meeting venue.

Please do not hesitate to contact me should you have any queries with the abovementioned.

Kindest Regards,

Anna Crisp Junior Consultant

Tel: +27 (0) 21 412 1529

Email:sankraal@arcusconsulting.co.za



Thu 22/06/2017 10:40

sankraal

NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT

To sankraal

Bcc 'angie.majongile@dot.ecprov.gov.za'; 'Mathemba.Gcasamba@drdlr.gov.za'; 'MakhanyaP@dwa.gov.za'; 'Azwihangwisi.Mulaudzi@dmr.gov.za'; 'ndlelantle@gcis.gov.za'; 'nhiggitt@sahra.org.za'; 'muna@iafrica.com'; 'john.geeringh@eskom.co.za'; 'rudzani.memukula@wessa.co.za'; 'eddie.seaton@transnet.net'; 'energy@birdlife.org'.za'; 'enquiry@arc'.agric.za'; 'strohl@caa.co.za'; 'runkelc@nra.co.za'; 'Kleinhansm@nra.co.za'; 'ShawLS@telkom.co.za'; 'thembani.bukula@nersa.org.za'; 'strohl@caa.co.za'; 'runkelc@nra.co.za'; 'Kleinhansm@nra.co.za'; 'ShawLS@telkom.co.za'; 'thembani.bukula@nersa.org.za'; 'Andile.Gxasheka@nersa.org.za'; 'rimothy@nbkb.org.za'; 'johan@sawea.org.za'; 'office@sessa.org.za'; 'alwyn@saaea.org'; 'thea@agrisa.co.za'; 'ncagric@worldonline.co.za'; 'natasja.barkhuizen@agriec.co.za'; 'info@experiencenortherncape.com'; 'northerncapetourism@telkomsa.net'; 'makayam@atrs.co.za'; 'kate@iws-sa.co.za'; 'madaboutbats@gmail.com'; 'Abrahamsn@nra.co.za'; 'stefan@safcei.org.za'; 'ClaireT@L2B.co.za'; 'karoonewsgroup@gmail.com'; 'sdippenaar@snowisp.com'

This message was sent with High importance.

Public Meeting Invite_Updated Venue.pdf (214 KB)

Dear Interested and Affected Party,

RE: NOTIFICATION OF PUBLIC MEETING VENUE - HUTCHINSON TOWN HALL, NOUPOORT - FOR THE PROPOSED SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES AND ASSOCIATED GRID CONNECTIONS, NORTHERN AND EASTERN CAPE PROVINCES

Please find attached the updated Public Meeting Invite now indicating the meeting venue.

Please do not hesitate to contact me should you have any queries with the abovementioned.

Kindest Regards,

Anna Crisp Junior Consultant

Tel: +27 (0) 21 412 1529

Email:sankraal@arcusconsulting.co.za



Wed 21/06/2017 15:39

INSAKE: KENNISGEVING VAN OPENBARE VERGADERINGSLOKAAL - HUTCHINSON STADSAAL, NOUPOORT

To 'tomvdwalt@gmail.com'

This message was sent with High importance.





sankraal

Message Tublic Meeting Invite_AFR.pdf (215 KB)

Geagte Mnr van der Walt,

INSAKE: KENNISGEVING VAN OPENBARE VERGADERINGSLOKAAL – HUTCHINSON STADSAAL, NOUPOORT – VIR DIE VOORGESTELDE SAN KRAAL EN PHEZUKOMOYA WINDKRAGFASILIETEIT EN GEASSOSIEERDE NETWERKVERBINDINGS, NOORD EN OOS-KAAP PROVINSIES.

Vind aseblief aangeheg die opgedateerde uitnodiging na die openbare vergadering, insluitent die gespesifiseerde lokaal.

Indien u enige vrae het in verband met die bogenoemde, kontak my gerus.

Ek hoop u het 'n wonderlike week verder.

Vriendlike Groete,

Anna Crisp Junior Consultant Arcus Copy

POD REGISTERED MAIL - PUBLIC MEETING VENUE UPDATE SAN KRAAL AND PHEZUKOMOYA WIND ENERGY FACILITIES

Sent: 21/06/2017

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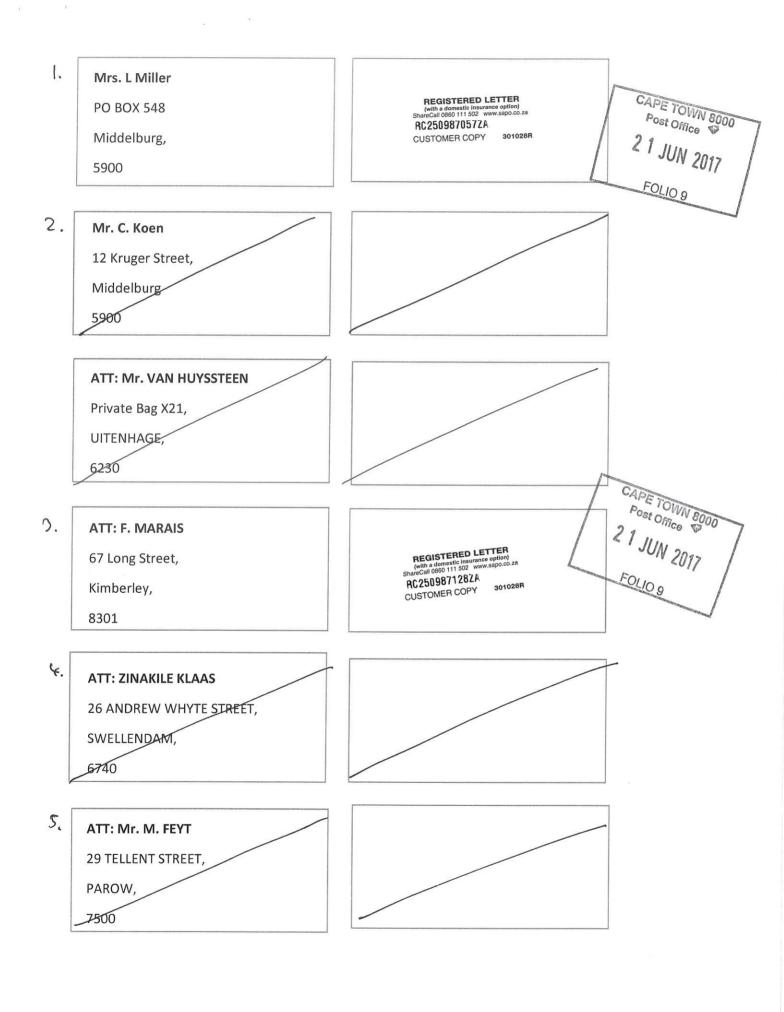
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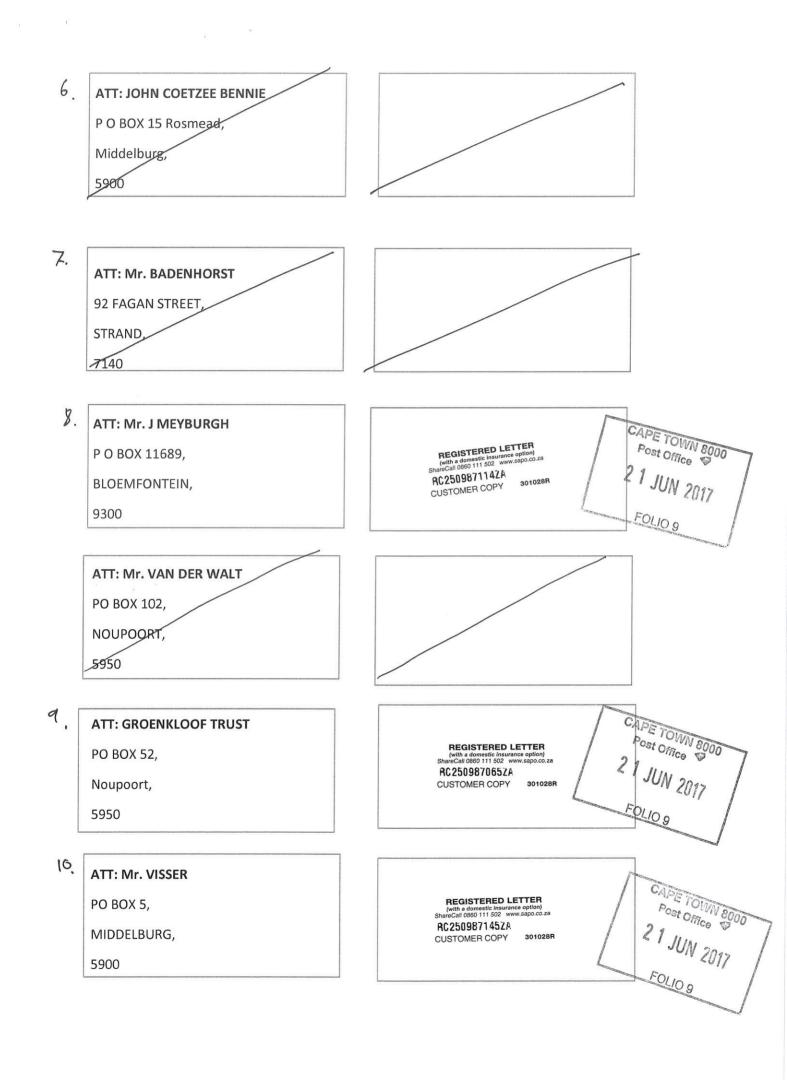
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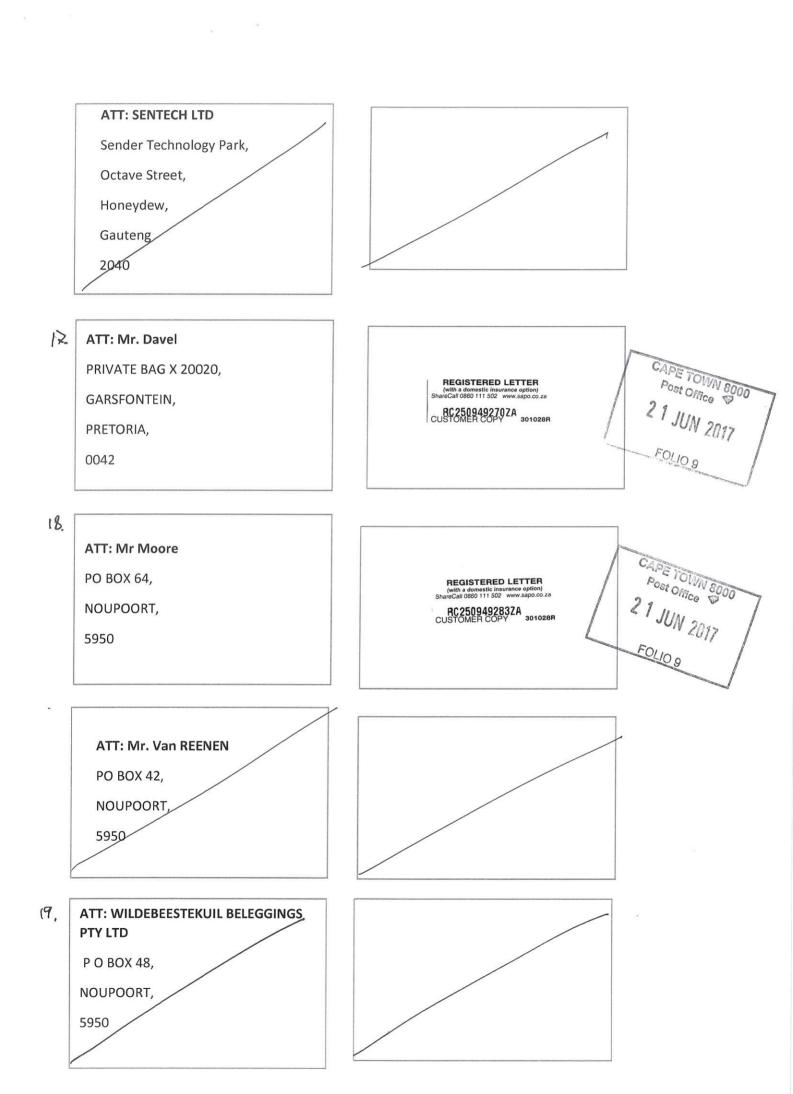
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MIDDELBURG,
5900

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BLOEMFONTEIN,
FREE STATE 9332

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22. ATT: YELLOW FLAME PROP 105 PTY LTD
P O BOX 3993,
MIDDELBURG,
5900

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ShareCall 0860 111 502 www.s8po.co.za

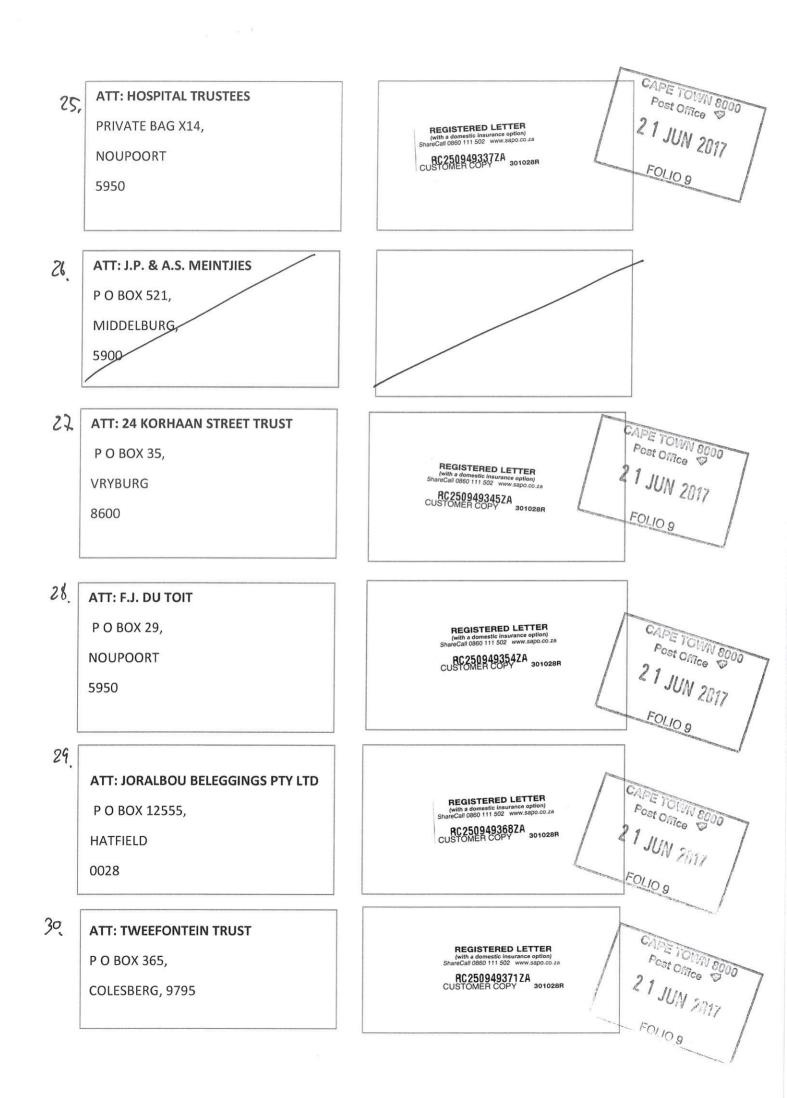
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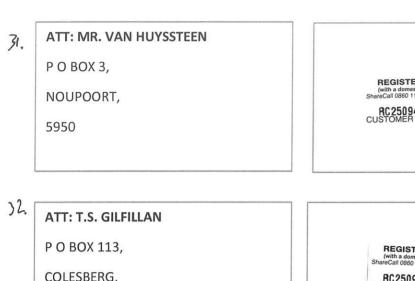
7). ATT: Mr. van Zyl
P O BOX 52,
NOUPOORT
5950

ATT: SIPHILA NGOKUZENZELA
FARMING C C

506 MGWEBA STREET,
KWAZAMUXOLO,
NOUPOORT,
5950

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(with a domestic insurance option)
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WWW.sapo.co.za
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COLESBERG, 9795



33 ATT: Mr. J Moore P.O. Box 441, Middelburg, 5900

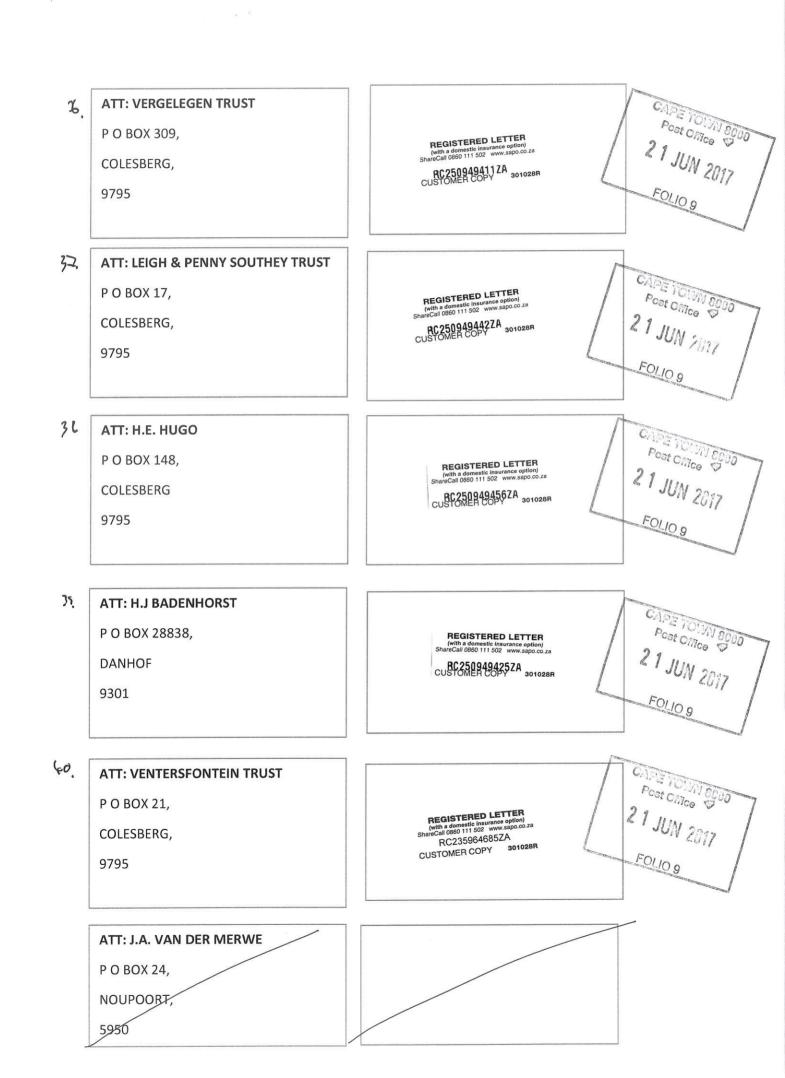


36 ATT: S J V WILD C C PO BOX 2081, WINGATE PARK, GAUTENG, 0153



35. ATT: C.N. VAN DER MERWE P O BOX 66, MIDDELBURG, 5900







Arcus Project Number 2244 and 2245

Proposed San Kraal and Phezukomoya Wind Energy Facilities and Associated Grid Connection Infrastructure

Minutes of Public Meeting

Venue: Hutchinson Town Hall, Noupoort

Date: 29 June 2017

Time: 17:15

Attendees: see attached attendance register

Project Team:

Ashlin Bodasing (AB) —Arcus EAP Anja Albertyn (AA) — Arcus EAP

Etienne Albertyn (EA) Arcus Translator

Sanele Maphanga (SM) - InnoWind Applicant

Sheldon Vandrey (SV) - InnoWind Applicant

	Question/Comment	Notes	Response	
1		AA welcomed all attendees and introduced the project team. She proceeded to explain the format of the meeting presentation. The common processes will be combined (the Environmental Impact assessment (EIA) process, the public participation process) each project will be discussed separately, with separate question and answer sessions.		
2		San Kraal Question and Answer Session		
3	Q	Where are the turbines going to be, whose land will the turbines be on?	SM pointed out the land owners of the San Kraal project on the presentation map. The project site is approximately 6 km from Noupoort.	
4	Q	Does the municipality own the largest land portions?	Yes, for San Kraal they have more land portions.	
5	Q	Who does the trust belong to?	Beskuitfontein Trust	



6	Q	Salinga Farmers Association lease land from the municipality, will the farmers' association benefit from the project?	This will need to be addressed and discussed with the municipality. This is not part of the EIA process.
7	Q	How long will the entire process take?	Between three to four years for the start of construction to be reached if the project is successful.
8		AA continued with Phezukomoya Project description	
9		Phezukomoya Question and Answer Session	
10	Q	Could you point out who owns the farm portions?	SM indicated on the map the owner of each land portion.
11		No further comment or questions were received. AA thanked all for attending the meeting. AB mentioned that there are comments sheets available, should they have additional comments or questions. Closing date for submission of comments is 12 July 2017. There are also electronic copies of the Draft reports available on CDs. AB thanked all for their attendance and participation, and mentioned that there are cool drinks available.	
12		Meeting closed 17.50.	



Attendance Register

San Kraal and Phezukomoya Wind Energy Facilities & Associated Grid Connections							
Public Meeting — Hutchinson Town Hall, Noupoort 5950							
	DATE: 29 June 2017 from 17h00 – 18h30						
NAME	ORGANISATION	CONTACT DETAILS/EMAIL	, SIGNATURE				
A van Haussteen	Sprrounding farmer	-0795263913	Adh				
L. De Sward.	Private Gusothouse	049 843 1075	Delgardt.				
70 Gooman	SAAWVAT CONSTRUCTION	062872 0220					
LEON BHENOU	SARMAT !!	0619858564	THE STATE OF THE S				
Kosia van As	Set Dan VAT	0746648317	Rate				
Andre Gwayy	Splinga	0782233123	A. Gwatyu				
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Attendance Register

San Kraal and Phezukomoya Wind Energy Facilities & Associated Grid Connections						
Public Meeting — Hutchinson Town Hall, Noupoort 5950						
DATE: 29 June 2017 from 17h00 – 18h30						
NAME	ORGANISATION	CONTACT DETAILS/EMAIL	SIGNATURE			
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MICHAEL MALI	PRIVATE	0629698353	Alf			
Vuyo Nobongo	SALINGA FRIMERS ASS	0735330530	Nobell			
2. J. FUBA	SALINDA FARMES AF	50607038354	April 10			
LE. SWARTZ	SAAMVAT CONSTRUCTION	x 06/985850C	Ducop			
V.V. HERMANUS	()	078025998/				
A. DuiKER.	11	061985-8504	Deper			
SHELDON VANDREY	THEORING	svandrey@innwind. (32				
Etienne Albertyn	Arcus Consulting	etiennea & hotmail-co.za	There			
ABULIA Godensing	Arcus consultay		B			
Anja Albertyn	11	anjaa@arcusconsultig.co.	e Te Albuyy			
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UMSOBOMVU MUNICIPALITY SARCUS **MEETING**



The Proposed San Kraal and **Phezukomoya Wind Energy Facilities** and Associated Grid Connections, Northern and Eastern Cape Provinces.

San Kraal Wind Power (Pty) Ltd Phezukomoya Wind Power (Pty) Ltd

Project Team



Environmental Assessment Practitioners:

Arcus Consultancy Services South Africa Ashlin Bodasing; and Anja Albertyn.

Applicant:

San Kraal Wind Power (Pty) Ltd & Phezukomoya Wind Power (Pty) Ltd

Agenda



- Introduction
- Project Team
- Scoping and EIA Process
- Public Participation Process
- Need and Desirability
- Alternatives
- Project Location
- Project Description-San Kraal
- Specialist Studies- San Kraal
- Question and Discussion
- Project Description Phezukomova
- Specialist Studies Phezukomoya Questions and Discussion
- Way Forward

SARCUS

WHY ENVIRONMENTAL IMPACT ASSESSMENT FOR THESE **PROJECTS?**



• This is a COMBINED presentation for TWO WIND ENERGY PROJECTS

SAN KRAAL WEF & PHEZUKOMOYA WEF.

· Shared processes will be discussed first followed by the individual project descriptions and separate question and discussion sessions.

Legal Requirements



National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended in 2017.

GN No. R. 327 Listing Notice 1:

11) 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.

GN No. R. 325 Listing Notice 2:

1) The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more.



HOW DO WE ACHIEVE THE LEGAL **REQUIREMENTS?**



WHAT IS SCOPING AND **ENVIRONMENTAL IMPACT ASSESSEMENT?**

Scoping and EIA Process SARCUS



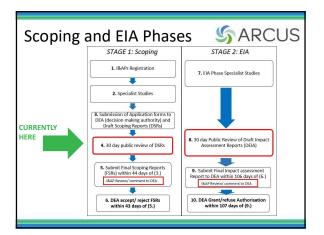
The EIA Process consists of:

- · A Full Scoping and EIA to be conducted for the proposed WEFs and Grid connections.
- · Independent specialist studies.
- Public participation process.



 Scoping and environmental impact assessment is the process of evaluating the potential impacts of a proposed project on environmental receptors (plants, animals, people, etc.).

WE ARE CURRENTLY IN THE SCOPING PHASE OF THE PROJECTS AND ARE COLLECTING BASELINE **ENVIRONMENTAL INFORMATION**





HOW DO WE DETERMINE THE POTENTIAL IMPACTS OF THE PROJECTS?

Specialist Studies



- Bird Impact Assessment and 12 Month Pre-Construction Monitorin
- . Chris van Rooyen Consulting: Chris van Rooyen
- Bat Impact Assessment and 12 Month Pre-Construction Monitoring
- Animalia Consultants: Werner Marais
- Terrestrial Ecological Impact Assessment (Fauna & Flora)
 - Simon Todd Consulting: Simon Todd
- Heritage, Archaeology and Paleontology Impact Assessment
 - ACO & Associates: Dr. Tim Hart in association with Dr John Almond
- Aquatic/Wetland Assessment
 Scherman Colloty & Associates: Dr. Brian Colloty
- Noise Impact Assessment
- Enviro-Acoustic Research: Morné de Jager
- Visual and Landscape Assessment
 - Si Vest: Andrea Gibb and Kerry Schwartz
- Soils and Agriculture
 - Agricultural Research Council: Garry Patterson
- Social Impact Assessment

Tony Barbour Environmental Consultant and Researcher: Tony Barbour



PUBLIC PARTICIPATION FOR SAN KRAAL AND PHEZUKOMOYA -WHAT HAS BEEN DONE?



WHAT IS PUBLIC PARTICIPATION AND WHY IS IT NEEDED?

Public Participation



- PPP to be shared between both projects due to proximity of the sites (agreement with DEA).
- Interested and Affected Parties (I&APs) identified landowners, neighbours, Ward councillors, authorities and NGOs.
- Advertisements (22nd & 29th April 2016 the Herald and the Advertiser).
- Distribution of notification letters and Background Information Documents (April 2016).
- Site notices and posters boundaries of the WEFs and grid connection sites and in the town of Noupoort (April 2016).



Public Participation Process

The aim of the public process is to:

- inform I&APs about the proposed developments;
- obtain I&AP feedback comments, questions, issues, concerns (positive or negative); and
- · address and investigate all issues raised and document these in the reports which are to be submitted to the DEA.

SARCUS

HOW CAN YOU BE INVOLVED **DURING THE PUBLIC PARTICIPATION** PROCESS?

Public Involvement



Reports for public review and comment.

Reports, including public comment, to be submitted to the DEA for a decision:

- Draft Scoping Report I&AP comment;
- Final Scoping Report submit to DEA with I&AP comments (I&AP also can comment on final reports);
- Draft Environmental Impact Assessment Report and Environmental Management Programme (EMPr) – I&AP Comment on these reports.
- Final Environmental Impact Assessment Reports and EMPr - submit to DEA for decision, I&AP comment on the final reports.

....Continued



- · The project is in line with national, provincial and local planning and policy in terms of using renewable energy to combat climate change.
- Most importantly Noupoort has very good wind resource, which the applicant has been measuring for over two years.



WHY WIND ENERGY PROJECTS IN **NOUPOORT?**



IF NOT WIND ENERGY IN NOUPOORT, THEN WHAT OTHER WAY TO MEET THE NEEDS?.....

Need and Desirability



· Wind energy is considered an alternative to meeting the need for increased electricity demand over other sources of generation, such as fossil fuels.

Wind energy:

- Positive impact on climate change;
- Overcoming the country's energy constraints;
- Diversification and decentralisation of supply;
- Reduced costs of energy; and
- Positive economic development including job creation

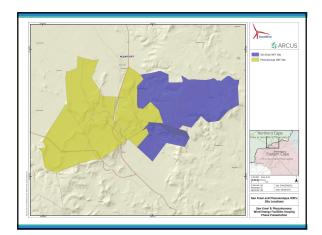


- Alternative are different means of meeting the general purpose and need of a proposed development.
- PURPOSE FOR THESE PROJECTS Generation of electricity
- NEED FOR THESE PROJECTS Cleaner renewable sources of fuel.

Alternatives Considered



- Alternative locations / sites
- Alternative activities agriculture/farming
- Alternative process or technology wind, solar, nuclear, coal
- No-Go Alternative no projects to be developed
- Alternative design / layout considered in this process
- · Alternative grid connection routes





WHERE ARE THE PROJECTS LOCATED?



THE SAN KRAAL WIND ENERGY FACILITY. WHAT IS IT AND WHAT DOES IT CONSIST OF?

San Kraal and Phezukomoya SARCUS Location

- Umsobomvu Local Municipality & Pixley ka Seme District Municipality (Northern Cape).
- Inxuba Yethemba Local Municipality & Chris Hani District Municipality (Eastern Cape).



San Kraal Project Description

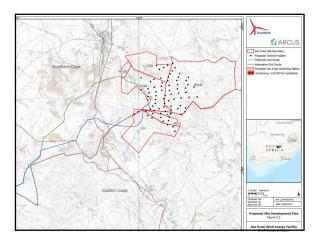
- Up to 78 WTGs with generation capacity of 390 MW.
- WTGs range from 3 MW 5 MW each.
- Hub height of up to 150 m.
- Rotor diameter up to 150 m.
- 33kV underground electrical cables.
- An on-site switching station complex to facilitate stepping up the voltage (up to 132 kV).
- 25 km 132 kV high voltage overhead power line from the on-site switching station to the proposed 132/400 kV proposed Umsobomvu Substation to the national grid.



WHAT DOES THE SAN KRAAL PROJECT LOOK LIKE?



WHAT DID THE SPECIALISTS STUDIES FIND?



Specialist Studies



- **Bats** Collisions with turbines possible. 12 month monitoring concluded, and to be analysed in EIA Phase. Preliminary moderate and high sensitivity areas are identified. No turbines in highly sensitive areas.
- **Birds** Collisions, disturbance and displacement possible. 12 month monitoring concluded and to be analysed in EIA Phase. No turbines in highly sensitive areas.
- Ecology (Fauna and Flora) Moderately sensitive site; Presence of listed and endemic species low across site. Additional field verification required. No turbines in areas with very high sensitivity.
- **Freshwater Ecology** limited impact of low significance; WULAs required for river crossings.

Supporting Infrastructure SARCUS



- Foundations and hardstands;
- Internal access roads;
- An operations and services workshop area/office building for control, maintenance and storage.

During the construction phase the following will be required:

- · Temporary infrastructure including a site camp:
- A laydown area for each turbine.

....Cont.....



- Heritage Scenic impacts from N9 and railway likely; no red flags identified; The area is paleontologically sensitive
- Noise Possible impact on Noise Sensitive Developments; measurements and modelling required.
- Social Potential positive social impacts (such as employment, Community Trust, generation of renewable energy) likely to outweigh potential negative social impacts (such as construction workers, stock theft, damage to roads).
- Visual alteration of area's visual character and potential impact on sensitive receptors. Visual receptors sensitivity still to be established.
- Soils Potential of soils for rain-fed cultivation is low to very low -NO FURTHER STUDY REQUIRED

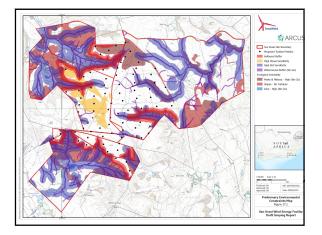


WHAT DO THE SPECIALIST FINDING LOOK LIKE?

KEY ISSUES RAISED



- · Impacts on listed and protected trees.
- Permits required for loss of certain plant species.
- · Proposed turbines must clear radio links by 300m.
- Permission required from SANRAL if access from N9 required.
- Need for a cumulative impact assessment.
- Bird study to include cumulative assessment.
- Heritage impact assessment must consider sense of place.
- · Impacts on value of surrounding properties.
- Compliance with international bird conservation agreements.





DO YOU HAVE ANY QUESTIONS OR COMMENTS ON SAN KRAAL?



WHAT ARE THE KEY ISSUES
SUBMITTED FOR SAN KRAAL FROM
THE PUBLIC?



WHAT IS THE PHEZUKOMYA WIND ENERGY FACILITY AND WHAT DOES IT CONSITS OF?



Phezukomoya Project Description

- Up to 63 WTGs with generation capacity of 315 MW.
- WTGs range from 3 MW 5 MW each.
- · Hub height of up to 150 m.
- Rotor diameter of up to 150 m.
- · 33 kV underground electrical cables.
- An on-site switching station complex to facilitate stepping up the voltage (up to 132 kV).
- 15 km 132 kV high voltage overhead power line from the on-site switching station to the proposed Umsobomvu 400 kV Substation to the national grid.

Supporting Infrastructure SARCUS



- Foundations and hardstands;
- Internal access roads;
- An operations and services workshop area/office building for control, maintenance and storage.

During the construction phase the following will be required:

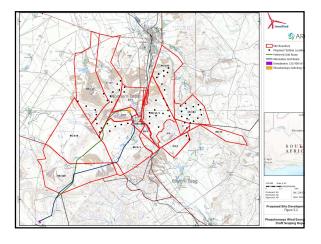
- · Temporary infrastructure including a site camp;
- A laydown area for each turbine.



WHAT DOES THE PHEZUKOMYA PROJECT LOOK LIKE?



WHAT DID THE SPECIALIST STUDIES FIND AT PHEZUKOMOYA?



Specialist Findings



- **Bats** Collisions with turbines possible. 12 month monitoring concluded, and to be analysed in EIA Phase. Preliminary moderate and high sensitivity areas are identified. No turbines in highly sensitive areas.
- **Birds** Collisions, disturbance and displacement possible. 12 month monitoring concluded and to be analysed in EIA Phase. No turbines in highly sensitive areas.
- **Ecology (Fauna and Flora)** Moderately sensitive site; Presence of some listed and endemic species; Additional field verification required. No turbines in areas with very high sensitivity.
- **Freshwater Ecology** limited impact of low significance; WULAs required for river crossings.

Specialist Findings..



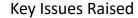
- Heritage Scenic impacts from N9 and railway likely; no red flags identified; The area is paleontologically sensitive.
- Noise Possible impact on Noise Sensitive Developments; modelling required.
- Social Potential positive social impacts (such as employment, Community Trust, generation of renewable energy) likely to outweigh potential negative social impacts (such as construction workers, stock theft, damage to roads).
- Visual alteration of area's visual character and potential impact on sensitive receptors. Visual receptors sensitivity still to be established.
- Soils Potential of soils for rain-fed cultivation is low to very low NO FURTHER STUDY REQUIRED



WHAT HAVE BEEN THE KEY ISSUES RAISED FOR PHEZUKOMOYA FROM THE PUBLIC?

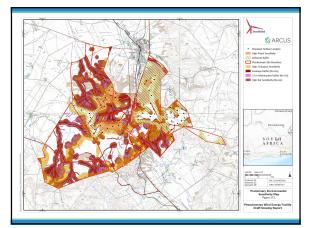


WHAT DO THE SPECIALIST FINDINGS AT PHEZUKOMOYA LOOK LIKE?





- Distance from Transnet property and national roads.
- · Impacts on listed and protected trees.
- Permits required for loss of certain plant species.
- Proposed turbines must clear radio links by 300 m.
- Permission required from SANRAL if access from N9 required.
- Need for a cumulative impact assessment.
- Bird study to include cumulative assessment.
- Heritage impact assessment must consider sense of place.
- The Southern Great Escarpment should be used as a context for the bird study.
- Impacts on value of surrounding properties.
- Compliance with international bird conservation agreements.





DO YOU HAVE ANY COMMENTS OR QUESTIONS ON PHEZUKOMOYA WIND ENERGY FACILITY?



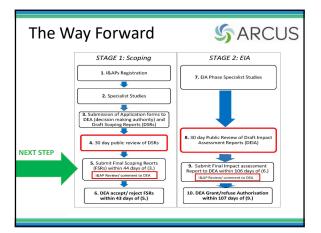
WHAT HAPPENS NOW?

Plan of Study for EIA



The EIA Phase will include:

- Specialist assessment of alternative layouts;
- Specialist site visits, investigations and modelling;
- Public participation (comment on reports and public event, issues trail);
- · Cumulative impact assessment; and
- Consultation with the DEA.



Discussion



Thank you for attending this meeting and for your feedback.

Please advise us if there are any additional key stakeholders who you think we should inform.

The minutes of this meeting will be forwarded to attendees.



LOOKING AHEAD...
ENVIRONMENTAL IMPACT
ASSESSMENT PHASE....