

Annex C

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Annex C (i)

Database of I &A Ps

Table 1 Stakeholder Database

Name	Position	Organisation Name
ICASA		Independent Communications Authority of SA (ICASA)
Mr A Barnes (Anthony)	Executive Director: Environmental Mgmt	WCape Provincial Gvt: Env Affairs & Dev Planning
Ms E Botes (Elizabeth)	Head of Department	NCape Provincial Gvt: Transport, Safety & Liaison
Mr P Daphne (Paul)	Director: Parks	South African National Parks (SANP)
Ms R de Kock (Rene)		South African National Roads Agency Ltd
Mr R Ellis (Rudi)	Head of Department	Western Cape Provincial Government
Mr M Horak (Matthys)		Air Traffic and Navigation Services (ATNS)
Mr MAR Khan	Chief Director	Western Cape Department of Water Affairs
Ms W Kloppers (Wilna)		Western Cape Department of Water Affairs
Prof R Levin (Richard)	Director General	National Government: Dept of Economic Development
Mr B Mabele (Bernard)	Project Manager: Agriculture	Northern Cape Economic Development Agency
Ms N Magubane (Nelisiwe)	Director General	National Government: Dept of Energy
Mr G Mahlalela (George)	Director General	National Government: Dept of Transport
Mr T Manyathi (Thami)	Head of Department	Western Cape Provincial Government
Mr J Matshoba (Jeoffrey)		South African Civil Aviation Authority
Mr S Mbanjwa (Seibonelo)	Impact Management Unit	NCape Prov Gvt: Env Affairs & Nature Conservation
Ms T Mbongwa (Thembi)		South African Civil Aviation Authority
Mr S Mokoena (Smunda)	The Chief Executive Officer	National Energy Regulator of South Africa (NERSA)
Mr WDV Mothibi (Wonders Dimakatso Viljoen)	Head of Department	NCape Prov Gvt: Agriculture, Land Reform&Rural Dev
Mr S Mpakane (Sivuyile)	The Regional Manager	Western Cape Provincial Dept of Minerals & Energy
Mr B Myrdal (Brett)	The Park Manager	Cape Peninsula National Park
Officer D Ndlovu (Daniel)	Commanding Officer: Signal	South African Defence Force (NC)
Lieutenant N Ndou	Lieutenant	South African Defence Force (WC)
Ms N Ngcaba (Nosipho)	Director General	National Government: Dept of Environmental Affairs
Ms N Ngele (Nobubele)	Director General	National Government: Dept of Water Affairs
Mr D Ngwenya		Independent Communications Authority of SA (ICASA)
Adv S Nogxina (Sandile)	The Director General	National Government: Dept of Mineral Resources
Mr J Peters (John)	Head of Department	WCape Prov Gvt: Dept Economic Development&Tourism
Mr K Pretorius (Koos)		South African Civil Aviation

Name	Position	Organisation Name
		Authority
Mr C Rabie (Chris)	Director: Spatial Planning	WCape Provincial Gvt: Env Affairs & Dev Planning
Mr P Seboko (Patrick)	Head of Department	Northern Cape Provincial Gvt: Economic Affairs
Mr L Snyders (Louis)	Regional Head: Northern Cape	Department of Water Affairs (DWA)
Ms L Stroh (Lizelle)	Obstacle Specialist, Procedure Design & Cartography	South African Civil Aviation Authority
Mr D Swanepoel (Danie)	Acting Deputy Director	Department of Environmental Affairs - George
Mr P Swart (Pieter)	The Regional Manager	Northern Cape Provincial Dept of Minerals & Energy
Mr P Thabethe (Peter)	Acting Director General	National Gvt Dept: Agriculture, Forestry & Fisheries
Mr E van Blerk (Etienne)	Lieutenant	South African Airforce
Mr C van der Waldt (Cobus)		South African National Roads Agency Ltd
Mr DH van Heerden (Denver)	Director	Northern Cape Provincial Gvt: Roads & Public Works
Mr S Vukela (Sam)	Acting Director General	National Government: Department of Public Works
Mr N Wiltshire (Nick)		Heritage Western Cape
	The Manager	Sustainable Energy Society of Southern Africa
		Greater Cape Town Civic Alliance (GCTCA)
Ms C Ah Shene (Carolyn)		Birdlife South Africa
Mr B Barnett (Barry)		Western Cape Tourism
Mr L Blaine (Lance)		Southern Right Developments
Ms S Bosma (Sharon)	WC Regional Manager	Wildlife & Environment Society of SA (WESSA)
Mr J Bothma (Johan)		Agri Western Cape
Ms L Brink (Liesl)	Media/PR	Cape Nature
Mr L de Villiers (Louis)	Regional Chairperson	Wildlife & Environment Society of SA (WESSA)
Mr C de Villiers (Charl)		Bijstein Nature Reserve
Dr M du Plessis (Morne)	Chief Executive Officer	World Wide Fund South Africa
Ms A Duffell-Canham (Alana)	Land Use Advice, Scientific Services	Cape Nature
Ms SE Erasmus (Suzanne)	NC Regional Chairperson	Wildlife and Environment Society of SA (WESSA)
Ms N Fakir (Naseema)		Legal Resource Centre (LRC)
Mr T Finnan (Tim)	National Office Manager	Wildlife & Environment Society of SA (WESSA)
Ms Y Friedmann (Yolan)	CEO	The Endangered Wildlife Trust
Ms M Galimberti (Mariagrazia)	Archaeology, Palaeontology & Meteorite Unit	South African Heritage Resources Agency (SAHRA)
Mr C Gersbach (Carel)		Air Traffic and Navigation Services (ATNS)
Mr J Goosen (Johan)		Betafence South Africa
Ms S Grey (Sherly)	National Property Manager	MTN
Mr J Grobler (Japie)	President	AgriSA
Mr D Harebottle (Doug)	Project Manager	Southern African Bird Atlas Project 2
Mr F Jackson (Francis)	Engineering Development	Windlab Developments South

Name	Position	Organisation Name
	Manager	Africa (Pty) Ltd
Mr D Jenman (Doug)		Adequate Energy
Mr SW Johnston (Shawn)		Sustainable Futures ZA
Mr Z Mokhine (Zini)	Chairperson	Earthlife Africa Johannesburg
Mr J Moosajee (Junaid)	Consultant	Doug Jeffery Consultants
Mr S Mungroo (Sanjith)	Vice President Business Development	GDF Suez Energy Southern Africa
Mr/Ms N Ndobochani (Nonofho)	Manager: APM Division	South African Heritage Resources Agency (SAHRA)
Mr J Nel (Jaco)		Waterkloof Airforce Base
Mr D Nuntius (Devito)		
Mr C Opperman (Carl)		Agri Western Cape
Mr N Opperman (Nic)		AgriSA
Ms Z Rabaney (Zaitoon)		Botanical Society of SA
Mr H Reyneke (Hein)	Project Development Manager	Mainstream Renewable Energies
Mr GM Richard (Gordon Matthew)	Signal: Manager	Vodacom
Ms A Roux (Anneke)		AgriSA
Dr S Shearer (Stuart)		
Mr A Shipalana (Arthur)		African Wind Energy Association (AWEA)
Mr G Sieraha (George)	Vice Chairperson	Greater Cape Town Civic Alliance (GCTCA)
Mr J Smallie (Jon)	Manager: Endangered Wildlife Trust&Energy Program	Endangered Wildlife Trust
Mr M Suttill (Malcolm)		
Mr T Taylor (Tristen)	The Manager	Earthlife Africa Johannesburg
Mrs J Thomas (Jo-Anne)		Savannah Environmental Consultants
Mr H van der Merwe (Hans)	Executive Director	AgriSA
Ms H van Eeden (Helena)		Agri Western Cape
Captain Wallace-Bradley	Senior Miller	Mosterts Mill
Dr DA Whitelaw (Dave)	Chairperson: Conservation Committee of CBC	Cape Bird Club
Mr F Williams (Francois)	Journalist	Sake24
Mr C Willis (Christopher)	Director	Karoo Desert National Botanical Garden
Mr K Barnard (Kobus)		Eskom Holdings Ltd Distribution: Western Region
Mr Heldenheiz		Transnet
Mr C Jooste (Charl)	Planning Tools Applicator	Eskom Holdings Ltd Distribution: Western Region
Mr H Landman (Henk)	Senior Supervisor: Land & Rights	Eskom Holdings Ltd Distribution: Western Region
Mr LW Ndou (Livhuwani Wilson)	Environmental Specialist	Transnet Freight Rail
S Scheppers (Segomoco)	System Planning Manager	Eskom Transmission
FD Conradie		
Mr L Fourie (Len)		Macroplan Town and Regional Planners
Mr FW Marais		
Van der Spuy (Peter)		
Dr J Breedt (Johannes)		Wilgebosch Rivier Farm
Mr PJ Conradie (Pieter Jacobus)		Ekkraal Farm
Mr O Conradie (Ockie)		Karreebosch Farm
Mr DJH Conradie (Daniel Jan)		Klipbanks Fontein Farm

Name	Position	Organisation Name
Hendrik)		
Mr PS Gouws (Pieter Stephanus)		Hartjies Kraal Farm
Mr JJ le Roux (Kobus)		Rietfontein Farm
Mr E Marais (Ernst)		Hartjies Kraal Farm
Mr C Matthee (Christo)		Barendskraal Farm
JHJ Steenberg		
Mr J Steenkamp (Jacobus)		Ekkraal Farm
Mr S Jooste (Stefanus)	Municipal Manager	Central Karoo District Municipality
Mr L Notnagel (Louis)	Municipal Manager	Karoo Hoogland Local Municipality
Mr JP Prodehl	District Roads Engineer: PGWC	Department of Transport
Mr K Theron (Kobus)	Director Technical Services	Central Karoo District Municipality
Mr P Williams	Municipal Manager	Laingsburg Municipality
Cloete Family Trust		
D Dirk van Zyl Trust		
RJ Gouws		
P Graaff (Pieter)		
Mr G Hannekom (Gielie)		
MJ Koorts		
J Kriel		
Mr JH Kriel		Volstruisfontein Farm
Z Loots		
Z Paulsen		
Dr J Terblance		
W Theron		
Turn Around Trading		
Mr V Crone (Viv)	Chairperson	Groot-water Private Nature Reserve

Table 2 *Registered I & APs*

Name	Position	Organisation
Lizelle Strohl	Obstacle Specialist, Procedure design and Cartography	SA Civil Aviation Authority
Matthys Horak		Air Traffic Navigation Services
Louis Snyders	Regional Head	DWA: Northern Cape
Abe Abrahams		DWA: Northern Cape
K Streuders		DWA: Northern Cape
DWA: Northern Cape		SAHRA
Stet Mushwana	Environmental Practitioner	Transnet Freight Rail
Allan Michael Rhodes	Planner: Strategic & Integrated Planning	Provincial Government of the Western Cape: Department of Transport and Public Works
Mario Brown	Acting Manager: Strategic & Integrated Planning	Provincial Government of the Western Cape: Department of Transport and Public Works
Junaid Moosajee	Consultant	Doug Jeffery Consultants
Francois Williams	Journalist	Sake24
George Sieraha	Vice-chairman	Greater Cape Town Civic Alliance (GCTCA)
Hein Reyneke	Project Development Manager	Mainstream Renewable Energies
Mr. Sanjith Mungroo	Vice President Business Development	GDF SUEZ Energy Southern Africa
Johan Goosen	Betafence South Africa	Betafence
Dr Stuart Shearer		Interested Party
Francis Jackson	Engineering Development Manager	Windlab
Captain B Wallace-Bradley	Senior Miller	Mosterts Mill
Malcolm Suttill		
Devito Nuntius		Interested party
Lance Blaine		
JHJ Steenberg		Landowner (Ekkraal 199)
Polla vd Westhuizen		Ou Mure Boerdery (E) Bpk
Kobus Theron	Landowner (1/74 and RE/76)	Central Karoo District Municipality
Dr M Thomson	Director Technical Services	Abiance Trust IT 6383/1996
Mr JH Kriel	Owner	Volstruisfontein Farm
Viv Crone	Owner	Grootwater Private Nature Reserve
Alan Veasey	Director	Rietfontein Nature Reserve
FD Conradie	Owner	
	District Roads Engineer	
JP Prodehl	Landowner	PGWC Department of Transport and Public Works

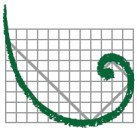
Table 3 *Public Meeting Attendees*

Name	Position	Organisation
Ms P Boer (Patricia)		Kannidood Project
Mr DJ Caldo (Douglas Joseph)		Caldo Boerdery
Mr D Chapman (Dean)	Technical Expert	DBSA
Mr F Conradie (Francois)		Farm Standvastigheid
Mr J & S du Plessis		ELANDSFONTEIN BOERDERY

Name	Position	Organisation
Mr CG du Plessis (Charl Gerhardus)		Agriculture WC
Ms/Mr JA Hart (Jennifer Anne)		JANTJESFONTEIN, BESTEN WEG, TWEEDSIDE FARMS
Mr L Hart (Lawrence)		JANTJESFONTEIN, BESTEN WEG, TWEEDSIDE FARMS
Dr H Hitlenberger (Herwig)		
Ms A Ketteningham (Andrea)	Account Executive	HWB Communications
Mr A Le Roux (Andries)		Klipbanks Fontein Farm
Mev A Marais (Amarcia)		Hartjies Kraal Farm
Mr S Mugeru (Shumani)	Director	National Government: Dept of Transport
Mr W Smith (Wilbur)	Manager	Kannidood Project
Dr M Thomson (Marianne)		Abiance Trust IT 6383/1996
Mr JP van der Merwe		Rain Dawn 142 cc
Mr P van der Westhuizen (Polla)		Ou Mure Boerdery (E) Bpk
Mr G van der Westhuizen	Manager	Arts
Mrs F van Wyk	Vice Chair	Laingsburg Tourism Office
Mr A Veasey (Alan)		Rietfontein Nature Reserve
Ms L Vye (Lette)		

Annex C (ii)

Background Information Document (BID)



Agtergrond Inligtingsdokument en Uitnodiging vir Kommentaar

ERM

Voorgestelde Ontwikkeling van Roggeveld Windplaas

Doel van hierdie Dokument

Die doel van die Agtergrond Inligtingsdokument is om belanghebbendes van inligting te voorsien in verband met die ontwikkeling van 'n wind-energie fasiliteit wat wind turbines en gepaardgaande infrastruktuur sal insluit, asook die verwante Omgewingsimpakbepaling (OIB).

Belanghebbendes word uitgenooi om kwessies en aangeleenthede oor die projek te identifiseer wat betrekking het op potensiële positiewe of negatiewe omgewings en sosiale impakte wat gedurende die OIB- proses ondersoek sal word.

'n Omvangsbepalingverslag en OIB, tesame met u kommentaar, sal voorgelê word aan die Departement van Omgewingsake (DOS), wat sal besluit om goedkeuring aan die voorgestelde projek te verleen, al dan nie.

Rig asseblief kommentaar aan Claire Alborough van ERM:

Tel: 021 702 9100 Faks: 021 701 7900

E-pos: claire.alborough@erm.com

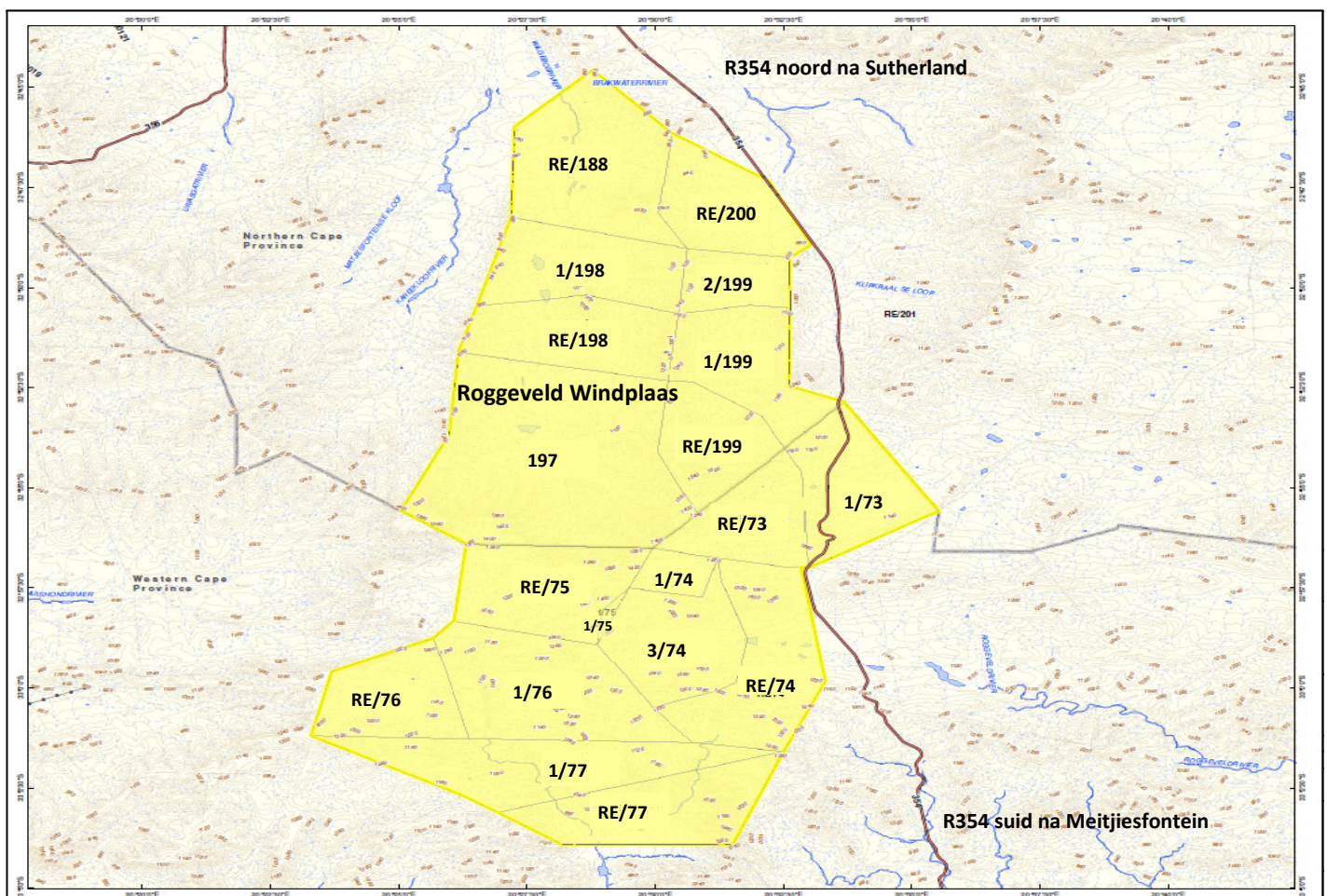
Posadres: Postnet Suite 90, Privaatsak X12, Tokai, 7966.

Registreer asseblief as 'n belanghebbende of lewer kommentaar teen 20 Augustus 2010.

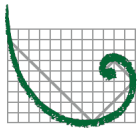
Dui asseblief duidelik die volgende DOS verwysingsnommer aan by alle korrespondensie: 12/12/ 20/1988.

Agtergrondinligting

G7 Renewable Energies (Edms) (G7) is voornemens om 'n wind - energie fasiliteit tussen Matjiesfontein en Sutherland in die Westelike en Noordelike Kaapprovinsies tot stand te bring. Die terrein is geleë op die R354, omtrent 40 km suid van Sutherland en ongeveer 20 km noord van Matjiesfontein. Die geraamde terreingrens word in Figuur 1 aangedui. Die fasiliteit sal tot soveel as 750 MW elektrisiteit genereer, wat in die Nasionale Kragnetwerk ingevoer sal word.



Figuur 1. Terrein liggingskaart: Roggeveld Windplaas



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Projekbeskrywing

Die sleutelkomponente van die voorgestelde windplaas word hier onder in hooftrekke beskryf.

Wind Turbines

- Daar sal nie meer as 250 wind turbines op die terrein wees nie. Elke turbine sal 'n afsonderlike kapasiteit van nie meer as 3 MW hê nie.
- Die turbines sal ongeveer 80 m hoog (tot by die turbine spil) wees, met 'n vleuel deursnee van ongeveer 90-100 m.
- Elke turbine sal 'n betonfondasie as basis hê. Die fondasie sal ongeveer 5 m x 5 m wees.
- Daar sal 'n harde, vasstaande gruis area (ongeveer 2500 m²) wees, wat gedurende konstruksie- en instandhoudingsaktiwiteite gebruik sal word.
- Elke turbine sal met 'n elektriese transformator gepaard gaan.

Toegangspaaie

- Toegang tot die terrein sal via die R354 geskied.
- Bestaande plaas spoorbane sal opgradeer word en nuwe gruispaaie mag binne die terrein opgerig word, om die beweging van konstruksie- en instandhoudingsvoertuie te fasiliteer.
- Terrein toegangspaaie sal nie meer as 6 m wyd wees nie, met dreineringslote aangrensend aan die pad.
- Dit mag nodig wees om sommige bestaande publieke paaie op te gradeer, om die vervoer van die turbines en ander konstruksie materiaal na die terrein te fasiliteer.

Addisionele Infrastruktuur

- 'n Kantoor en 'n bewaringsgebou met sekuriteit en ablusie fasiliteite, sal op die terrein opgerig word.
- 'n Permanente wind afmetingsmas van nie meer as 80 m hoog nie, sal opgerig word om windtoestande te monitor.
- Terrein omheining soos vereis, sal opgerig word.



Figuur 2. 'n Tipiese Wind Turbine

Elektriese verbindinge

- Die turbines sal via medium stroom elektriese kables, wat ondergronds sal wees, aan mekaar verbind.
- 'n Nuwe sub-stasie sal op die terrein gebou word. Die sub-stasie sal die fasiliteit, via bestaande transmissielyste, met die Nasionale Kragnetwerk verbind.

Nuttige Terminologie

Spil: Die middelpunt van die wind turbine draaivlerk, wat die vleuels in plek hou en die vleuels aan die skag verbind. Die spil hoogte is die afstand van die grond tot by die middel van die spil.

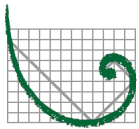
Gondel: 'n Beskermende bedekking oor die opwektoestel of motor.

Vleuel: Die deel van die turbine wat deur die wind beweeg word. Daar is drie vleuels op 'n tipiese wind turbine.

Draaivlerk: Die draaivlerk is die kant van die meganiese skakel tussen die vleuels en die lae spoed skag in die spil. Die draaivlerk deursnee is die afstand vanaf die draaivlerk na die vleuelpunt, i.e. die lugruimte waardeur die vleuel beweeg.

Top hoogte: Die afstand vanaf die grond na die einde van die vleuel, wanneer die vleuel direk boontoe wys. Dit is die hoogste punt van die turbine.

Wind Afmetingsmas: 'n Mas wat geïnstalleer is om windspoed en -rigting te monitor.



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Konstruksie

'n Aantal **tydelike** aktiwiteite sal gedurende die konstruksie van die windplaas plaasvind. Dit sal die volgende insluit:

- 'n Tydelike standplaas van maksimum grootte van 150 m x 20 m (vaste blad) sal vir die stoor van konstruksievoertuie en –materiaal opgerig word.
- 'n Tydelike terrein kampong sal vir die konstruksie werkerskorps opgerig word.
- Dit is moontlik dat loopgrawe binne die terrein ontwikkel sal word (vir produksie van bou -vulstof). Dit sal sover as moontlik opgevolg word, sodra die konstruksie voltooi is.

Die finale ligging, grootte en tipe van elke wind turbine sal bepaal word deur inligting te versamel van wind afmetingsmaste, sowel as omgewings en sosiale oorwegings, wat tydens die OIB- proses bepaal sal word.

Voor die installasie van die wind turbines, sal die terrein, soos vereis word, voorberei word. Dit sal die bou van toegangspaaie op die perseel en die oprig van turbine fondasies insluit. Die totale konstruksie tydperk sal ongeveer 24 maande duur (insluitende terrein voorbereiding en installering van die turbines).

Na die voltooiing van die interne elektriese verbindinge tussen die turbines, sal die toetsing van die turbine se funksie plaasvind, om die korrekte werking van die fasiliteit te verifieer.



Figuur 4. Wind Turbine Draaivlerk en Vleuel Tydings Samestelling



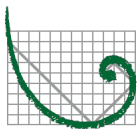
Figuur 3. Wind Turbine Konstruksie

Werkzaamhede

Sodra die konstruksie van die fasiliteit voltooi is en in werking is, word verwag dat die windplaas 'n minimum lewensduurte van sowat 25 jaar sal hê. Gereelde instandhouding sal nodig wees om te verseker dat die turbines in optimale werkende toestand gehou word. Die meeste daaglikse fasiliteit werkzaamhede sal van ver af deur die gebruik van rekenaarnetwerke gedoen word. Gedurende die proses kan die windplaas gelyklopend met daaglikse boerdery aktiwiteite funksioneer as gevolg van die relatiewe klein staanoppervlakte van die turbines, vaste blad oppervlakte en toegangspaaie.

Buitewerkingstelling

Sodra die fasiliteit die einde van sy lewensduurte bereik het, kan die turbines opgeknop word en voortgaan om as 'n kragopwekfasiliteit te funksioneer, of die fasiliteit kan gesluit en buite werking gestel word. Indien dit buite werking gestel word, sal al die komponente van die windplaas verwyder word en die terrein sal herstel word.



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Omgewings Impakbepaling (OIB) Proses

Kragtens die Nasionale Wet op Omgewingsbestuur (NWOB) (Wet Nommer 107 van 1998) is 'n OIB 'n vereiste alvorens 'n aanleg ontwikkel kan word om wind se energie te verwerk tot elektrisiteit. Environmental Resources Management (ERM) voltooi die Omvangsbepaling en OIB vir dié projek.

Die Omvangsbepaling sal beskikbaar gestel word vir kommentaar aan lede van die publiek en sal 'n Studieplan vir die OIB insluit. Die OIB sal die waarskynlike positiewe en negatiewe impakte van die projek bepaal. Dit sal 'n konsepkrif insluit vir 'n Omgewingsbestuursplan waarin beskryf word wat die planne is wat uitgevoer sal word om hierdie impakte te beheer. Die OIB sal ook aan die publiek beskikbaar gestel word om kommentaar te lewer alvorens dit by die DOS ingedien word.

'n Lys van tersaaklike aktiwiteite verskyn in die Regulasies betreffende Omgewingsimpakbepaling (Regeringskennisgewing R387) :

Aktiwiteit 1(a) - "die opwekking van elektrisiteit waar (i) die elektrisiteit wat gelewer word 20 megawatt, of meer is; of (ii) die elemente van die fasiliteit 'n gekombineerde gebied groter as 1 hektaar oorskry."

Aktiwiteit1(l) - "die oorbrengring en verspreiding van elektrisiteit bogronds met 'n kapasiteit van 120 kilovolt of meer."

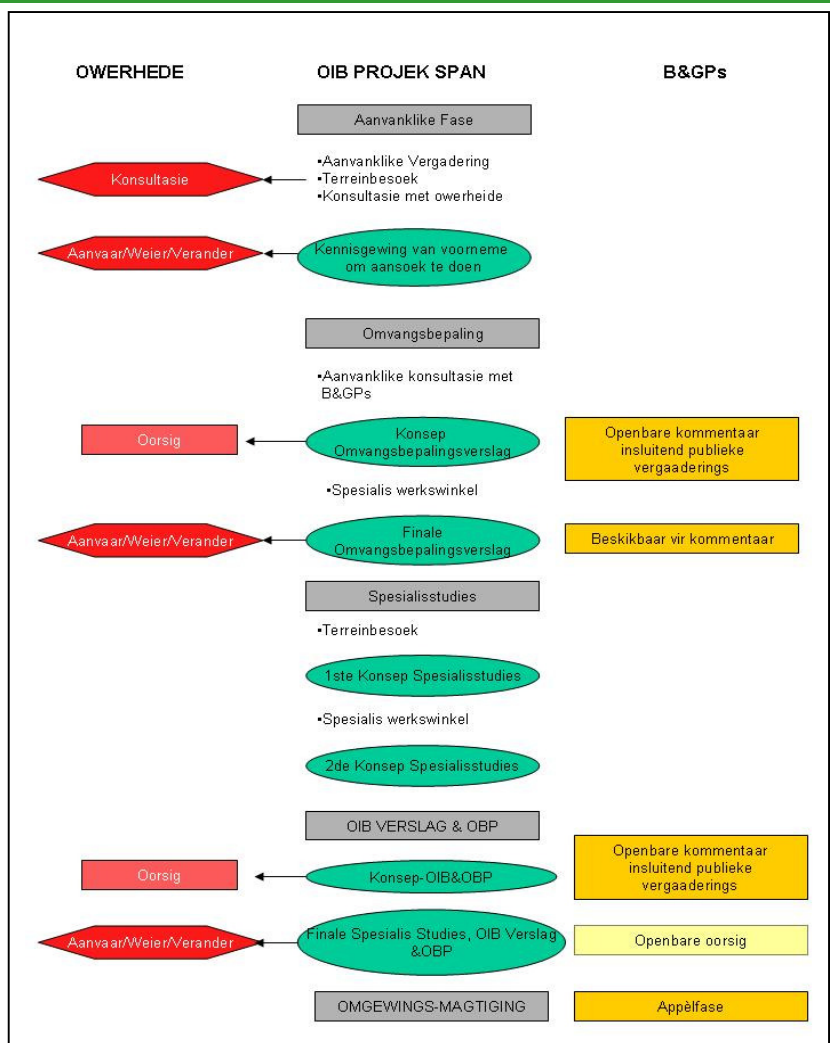
Aktiwiteit2 - "Enige ontwikkelingsaktiwiteit, insluitende verwante strukture en infrastruktuur, waar die totale omvang van die ontwikkelde gebied, is, of beoog word , om 20 hektaar of meer te wees."

Daarbenewens, word die volgende aktiwiteite wat in die lys in Regerings- kennisgewing R386 verskyn, ook geaktiveer deur die voorgestelde projek:

Aktiwiteit 1(l) - "Oorbrengring en verspreiding van elektrisiteit bogronds met 'n kapasiteit van meer as 33 kilovolt en minder as 120 kilovolt".

Aktiwiteit 1 (m) – " Die konstruksie van fasiliteite of infrastrukture, insluitend geassosieerde strukture of infrastrukture, vir - (m) enige doel in die 1:10 jaar vloedlyn van 'n rivier of stroom, of binne 32 meter van die rivier of stroomwal waar die vloedlyne onbekend is, uitsluitend doelwitte geassosieer met bestaande huishoudelike gebruik, maar insluitend (i) kanale (ii) kanale (iii) bruê (iv) damme en (v) drade.

Aktiwiteit 7 – "Die bogrondse berging van gevaarlike goedere, insluitend petrol, diesel, vloeibare petroleum gas of parafien, in 'n houer met 'n gekombineerde kapasiteit van 30 of meer kubieke meters maar minder as 1, 000 kubieke meters by enige ligging of terrein."

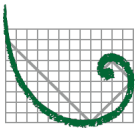


Figuur 5. Die OIB Proses

Aktiwiteit 14 - "Konstruksie van maste wat hoër as 15 m is"

Aktiwiteit 15 - "Konstruksie van paaie indien wyer as 4 m, of met 'n reserwe wyer as 6 m tensy binne trefwydte van 'n ander Aktiwiteit op 'n lys, of paaie korter as 30 m".



**ERM****Agtergrond Inligtingsdokument en Uitnodiging vir Kommentaar****Voorgestelde Ontwikkeling van Roggeveld Windplaas****So Kan Jy Betrokke Raak**

Die Omvangsbepalingverslag sal vir die publiek beskikbaar gestel word vir kommentaar en sal 'n studieplan vir die OIB insluit. Die OIB sal die waarskynlike positiewe en negatiewe impakte van die projek asseseer. Dit sal 'n konsep Omgewingsbestuur Plan (OBP) insluit wat die planne, wat in plek gestel word om die impakte te bestuur, sal beskryf. Die OIB verslag en OBP sal ook vir die publiek beskikbaar gestel word vir kommentaar voordat dit aan die Nasionale DOS voorgelê word.

U deelname en bydra is 'n belangrike deel van die OIB proses en dit is belangrik dat ERM u kommentaar /insette kry. As u as 'n belanghebbende registreer, sal u regdeur die proses op hoogte van sake gehou word, wat u sal toelaat om kommentaar te lewer op die Omvangsbepalingverslag en OIB verslae.

Pos of faks asseblief die kommentaar vorm na die onderstaande adres teen die 20 Augustus 2010 sodat ons u kommentaar in aanmerking kan neem in die OIB.

Dui asseblief die volgende DOS verwysingsnommer duidelik aan vir alle korrespondensie: 12/12/20/1988

Vul asseblief u besonderhede in

Naam:	Organisasie:
Telefoon:	Posisie:
Selfoon:	E-pos:
Adres:	

Stuur asseblief die vorm na die volgende adres:

Claire Alborough
Environmental Resources Management
Tel: 021 702 9100
Faks: 021 701 7900
E-pos: claire.alborough@erm.com
Adres: Postnet Suite 90, Privaatsak X12, Tokai 7966

Dit sal nuttig wees as u die onderstaande vrae kan beantwoord , maar voel asseblief vry om enige kommentaar wat u wil lewer, te gee. Gaan asseblief voort op addisionele papier indien nodig.

1. Wat is die primêre aangeleenthede wat u/ u gemeenskap/u organisasie in die gesig staar met betrekking tot die voorgestelde sonenergie projek?

2. Is u ten gunste van of teen die voorgestelde projek? Gee asseblief 'n rede vir u antwoord.

3. Het u of weet u van enige inligting wat dalk relevant mag wees vir die OIB (bv omgewingsinligting, sosiale of ekonomiese inligting)?

4. Weet u van enige individu of organisasie wat u voel sal as 'n belanghebbende wil registreer en inligting ontvang? Gee asseblief name en kontakbesonderhede hieronder.

Dankie vir u deelname



Background Information Document and Invitation to Comment

Proposed Development of Roggeveld Wind Farm

Aim of this Document

The aim of this Background Information Document is to provide stakeholders with information about the development of a wind energy facility including wind turbines and associated infrastructure and the associated Environmental Impact Assessment (EIA).

You are invited to raise issues and concerns that you have about the project. Potential positive and negative environmental and social impacts will be investigated during the EIA.

A Scoping Report and Environmental Impact Report (EIR), along with your comments, will be compiled during this process and submitted to the Department of Environmental Affairs (DEA) who will decide

whether or not to authorise the wind farm development.

Please direct your comments to Claire Alborough of Environmental Resources Management (ERM).
Tel: 021 702 9100
Fax: 021 701 7900
Email: claire.alborough@erm.com
Postal address: Postnet Suite 90, Private Bag X12, Tokai, 7966

Please register as an interested and affected party (I&AP) or provide your comments by 20 August 2010

Please clearly state the following DEA Reference Number on all correspondence: 12/12/ 20/1988.

Background Information

G7 Renewable Energies (Pty) (G7) proposes to establish a wind energy facility between Matjiesfontein and Sutherland in the Western and Northern Cape. The site is located on the R354, approximately 40 km south of Sutherland and approximately 20 km north of Matjiesfontein. The approximate site boundary is shown on Figure 1. The facility will generate up to 750 MW of electricity which will be fed into the National Power Grid.

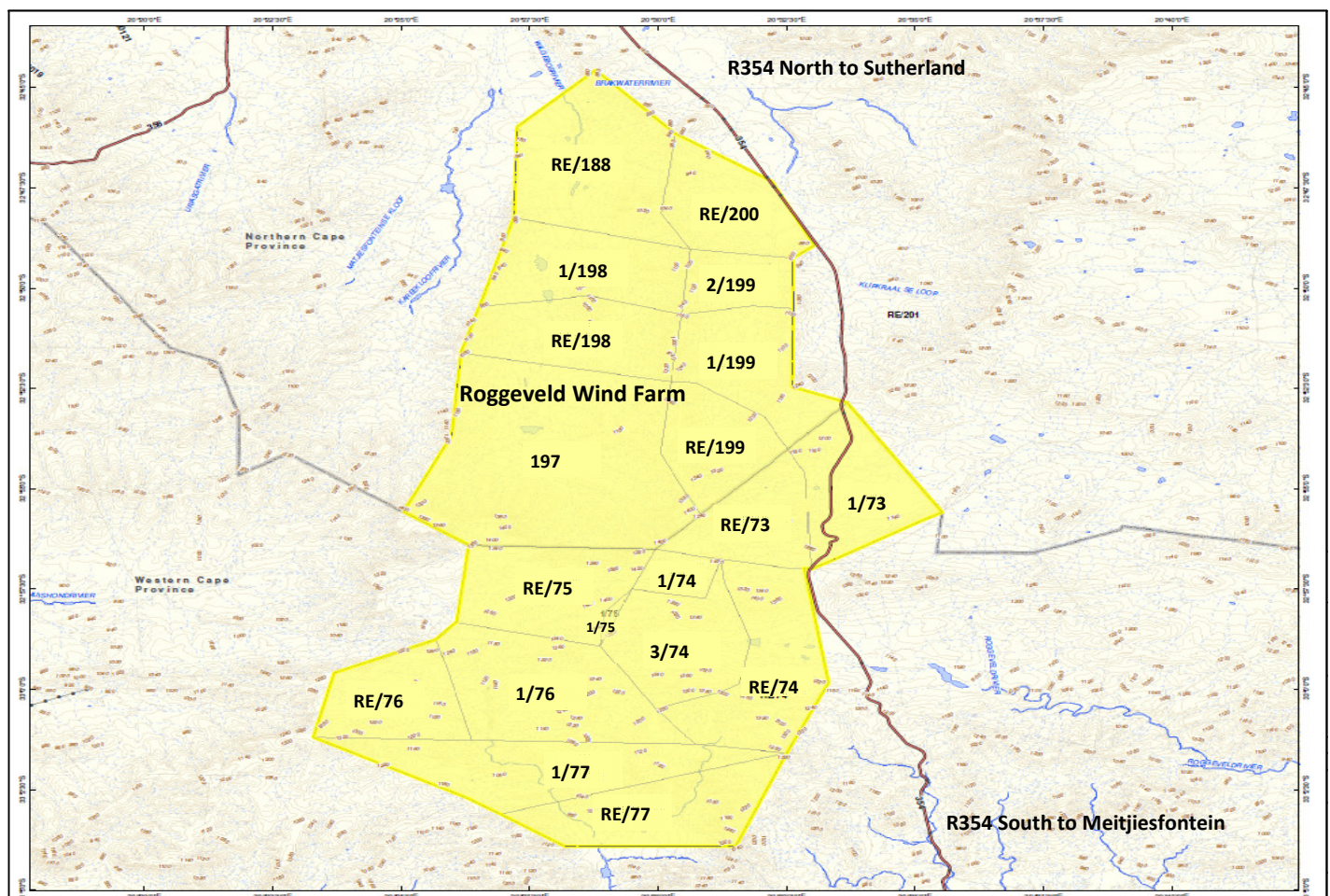
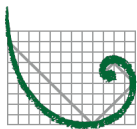


Figure 1. Site Locality Map: Roggeveld Wind Farm



ERM

Background Information Document and Invitation to Comment

Proposed Development of Roggeveld Wind Farm

Project Description

The key components of the proposed wind farm are outlined below.

Wind Turbines

- There will be up to 250 wind turbines on the site. Each turbine will have an individual capacity of up to 3 MW.
- The turbines will be approximately 80 m high (to the turbine hub), with a blade diameter of approximately 90–100 m.
- Each turbine will have a concrete foundation at its base. The foundation will be approximately 5 m x 5 m.
- There will be a gravel hard standing area adjacent to each turbine (approximately 2500 m²) that will be used during construction and maintenance activities.
- Each turbine will be accompanied by an electrical transformer.

Access Roads

- The site will be accessed via the R354.
- Existing farm tracks will be up-graded and new gravel roads may be constructed within the site to facilitate movement of construction and maintenance vehicles.
- Site access roads will be up to 6 m wide with drainage trenches adjacent to the road.
- Some existing public roads may need to be upgraded to facilitate the transport of the turbines and other construction materials to the site.

Additional Infrastructure

- An office and storage building with security and ablution facilities will be constructed on the site.
- A permanent wind measuring mast of up to 80 m will be erected to monitor wind conditions.
- Site fencing will be erected as required.



Figure 2. A Typical Wind Turbine

Electrical Connections

- The turbines will be connected to each other via medium voltage electrical cables which will be buried under the ground.
- A new substation will be built on the site. This substation will connect the facility to the National Power Grid Network via existing transmission lines.

Useful Terminology

Hub: The centre of the wind turbine rotor, which holds the blades in place and attaches the blades to the shaft. **Hub Height** is The distance from the ground to the centre of the hub.

Nacelle: A protective cover over the generator or motor.

Blade: The part of the turbine that is moved by the wind. There are three blades on a typical wind turbine.

Rotor: The rotor is the site of the mechanical link between the blades and the low-speed shaft in the hub. The **Rotor Diameter** is the distance from the rotor to the blade tip, i.e. the air space that the blade sweeps through.

Tip Height: The distance from the ground to the end of the blade when the blade is pointing directly up. This is the highest point of the turbine.

Wind Measuring Mast: A mast that is installed to monitor wind speed and direction.

Construction

A number of **temporary** activities will take place during construction of the wind farm. These will include:

- A temporary laydown area of up to 150 m x 20 m (hard standing) will be constructed for the storage of construction vehicles and materials.
- A temporary site compound will be created for the construction workforce.
- It is possible that borrow pits will be developed within the site (for production of construction aggregate). These will be backfilled as far as possible once construction is complete.

The final location, size and type of each wind turbine will be determined using information gathered from wind measuring masts, as well as the environmental and social considerations that will be determined during the EIA process.

Prior to the installation of the wind turbines, the site will be prepared as required, this would include construction of on-site access roads and laying of turbine foundations. In total, the entire construction period (including site preparation and turbine erection) would take approximately 24 months.

After the completion of the internal electrical connections between the turbines, turbine function testing will take place to verify the correct operation of the facility.



Figure 4. Wind Turbine Rotor and Blades during Assembly



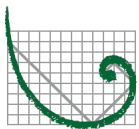
Figure 3. Wind Turbine Construction

Operation

Once construction of the facility is complete and it becomes operational it is expected that the wind farm will have a minimum life span of up to 25 years. Regular maintenance will be required to ensure that the turbines are kept in optimal working order. Most day to day facility operations will be done remotely through the use of computer networks. During operation the wind farm can function in parallel with daily farming activities due to the relatively small footprint of the turbines, hard-standing areas and access roads.

Decommissioning

Once the facility has reached the end of its life span the turbines may be refurbished and continue operating as a power generating facility, or the facility can be closed and decommissioned. If decommissioned, all the components of the wind farm would be removed and the site would be rehabilitated.



ERM

Background Information Document and Invitation to Comment

Proposed Development of Roggeveld Wind Farm

Environmental Impact Assessment (EIA) Process

Under the National Environmental Management Act (NEMA) (Act No. 107 of 1998) an EIA is required to be undertaken for the development of the wind energy facility. ERM is the independent practitioner that is completing the Scoping Report and EIA Report (EIR) for the project.

The Scoping Report will be made available for public comment and will include a Plan of Study for the EIA. The EIA will assess the likely positive and negative impacts of the project. It will include a draft Environmental Management Plan (EMP) which will describe the plans to be put in place to manage these impacts. The EIR and EMP will also be made available for public comment before it is submitted to the DEA for decision making.

The key listed activities involved in the project (listed in the EIA Regulations (Government Notice R387)) include the following:

Activity 1(a) - “the generation of electricity where (i) the electricity output is 20 megawatts or more; or (ii) the elements of the facility cover a combined area in excess of 1 hectare.”

Activity 1(l) - “the transmission and distribution on of above ground electricity with a capacity of 120 kilovolts or more.”

Activity 2 - “any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more.”

In addition, the following activities listed in Government Notice R386 may also be triggered by the proposed project:

Activity 1(l) - “Transmission and distribution of electricity above ground with a capacity of more than 33 kilovolts and less than 120 kilovolts.”

Activity 1(m) - “The construction of facilities or infrastructure, including associated structures or infrastructure, for – (m) any purpose in the one in ten year flood line of a river or stream, or within 32 metres from the bank of a river or stream where the flood line is unknown, excluding purposes associated with existing residential use, but including— (i) canals; (ii) channels; (iii) bridges; (iv) dams; and (v) weirs.”

Activity 7 - “The above ground storage of dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic metres but less than 1,000 cubic metres at any one location or site.”

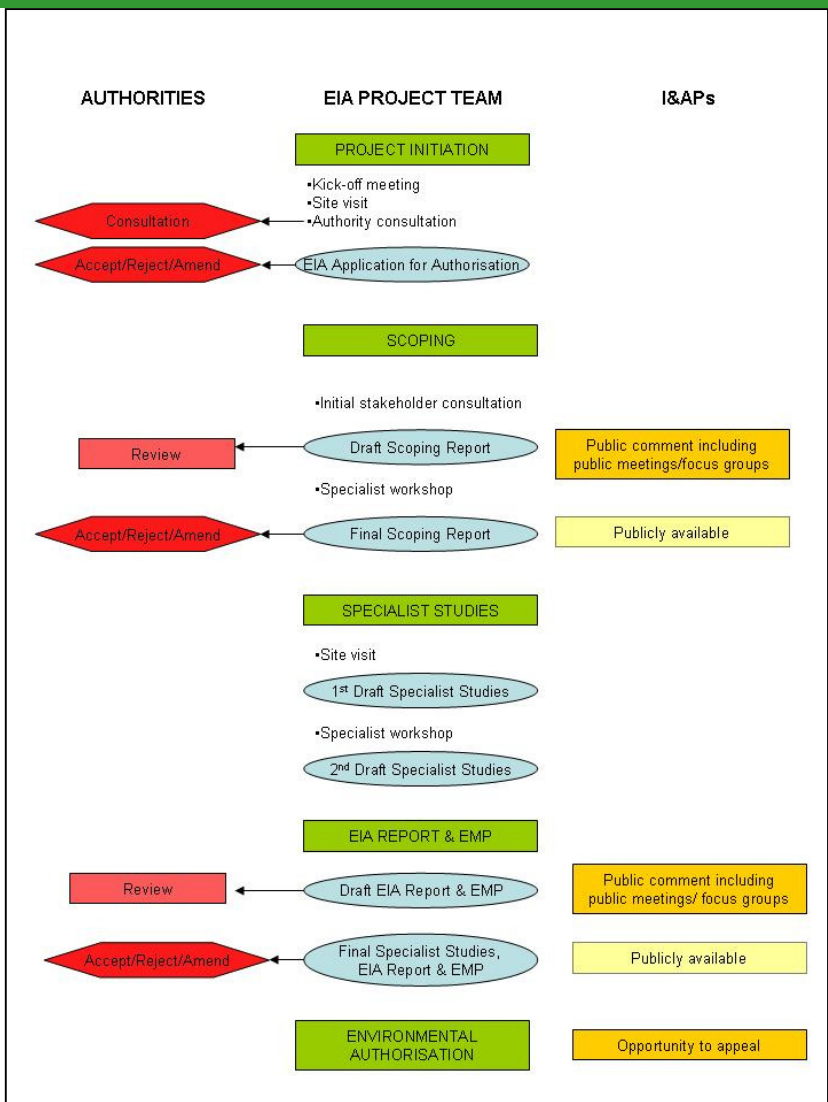
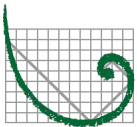


Figure 5. The EIA Process

Activity 14 - “Construction of masts of above 15 metres high.”

Activity 15 - “Road construction if wider than 4 metres or with reserve wider than 6 metres unless within ambit of another listed activity or which are access roads of less than 30 metres long.”



Background Information Document and Invitation to Comment

ERM

Proposed Development of Roggeveld Wind Farm

How Can You Be Involved?

The Scoping Report will be made available for public comment and will include a Plan of Study for the EIA. The EIA will assess the likely positive and negative impacts of the project. It will include a draft Environmental Management Plan which will describe the plans to be put in place to manage these impacts. The EIA Report (EIR) and EMP will also be made available for public comment before it is submitted to the DEA for decision making.

Your participation and contribution is a key part of the EIA process and it is important that ERM receives your comments. If you register as a stakeholder you will be kept informed throughout the process which will allow you to comment on the Draft Scoping and EIA Reports.

Please post or fax this comment sheet to the address below by 20 August 2010 so that we can take your comments into consideration in the EIA.

Please clearly state the following DEA Reference number on all correspondence: 12/12/20/1988

Please fill in your details	
Name:	Organisation:
Telephone:	Position:
Cell phone:	Email:
Address:	

Please send this form to the following address:

Claire Alborough
 Environmental Resources Management
 Tel: 021 702 9100
 Fax: 021 701 7900
 Email: claire.alborough@erm.com
 Postal address: Postnet Suite 90, Private Bag X12, Tokai
 7966

It would be useful if you could answer the questions below but please feel free to provide any comments you would like to raise. Please continue on additional paper if required.

1. What are the primary concerns faced by you/ your community/ your organisation with regards to the proposed wind energy project?

2. Are you in favour of or against the proposed activity? Please provide a reason for your answer.

3. Do you have or know of any information that might be relevant to the EIA (e.g. environmental information and community, social or economic information)?

4. Do you know of any other individual or organisation that you feel would want to register as a stakeholder and receive information. Please provide names and contact information below.

Thank you for your participation

Annex C (iii)

Advertisements

CALLS FOR ACTION

Zuma set to press ministers for results

Moshoeshe Monare, Sibusiso Ngilwa and Sapa

PRESIDENT Jacob Zuma is expected to put pressure on his ministers to move beyond the election slogans and radically step up the government's delivery to create jobs and provide quality services.

He has also been warned to be more vocal on the sidelines of the success and ethos of the World Cup.

He will track the whip at the midweek winter loggato – an expanded three-day cabinet meeting in the face of an impending election – who have shown their anger in violent service delivery protests.

According to an ANC official, Zuma is also under pressure within the alliance to chart a clear economic policy "intervention" and programme that will "work, but also (be) in line with the Polokwane resolutions".

Minister Molefi Motsele.

Zuma's performance as president and party leader will indirectly be measured in September at the ANC's national general council, an interim process chartered by Zuma and his Finance Minister Pravin Gordhan for devising from the "Polokwane mandate", hence the ANC is crucial to his leadership. But Zuma has other anxieties.

"His fear is that he has his first term to turn things around and the ANC can no longer cite apartheid as an excuse. At the end of Zuma's first term, the ANC would have been in power for 20 years and the patience of the electorate is fading," an ANC official said. There was also pressure to show the internal "alliance continuity" that "it was necessary to change leadership in 2007".

"Unless we do things differently we will still be asked why we demanded change of leadership in Polokwane."



CART BLANCHER: Gauteng Premier Nomvula Mokonyane arrives at a golf cart lift-off of the start of the three-day winter loggato at the presidential guest house in Pretoria yesterday. Picture: PHIL MARGOKE

The unions, the SACP and some in the ANC Youth League have already – for different reasons – chartered Zuma and his Finance Minister Pravin Gordhan for devising from the "Polokwane mandate", hence the ANC is crucial to his leadership. But Zuma has other anxieties.

"His fear is that he has his first term to turn things around and the ANC can no longer cite apartheid as an excuse. At the end of Zuma's first term, the ANC would have been in power for 20 years and the patience of the electorate is fading," an ANC official said. There was also pressure to show the internal "alliance continuity" that "it was necessary to change leadership in 2007".

"Unless we do things differently we will still be asked why we demanded change of leadership in Polokwane."

Zuma is also aware of criticism his presidency is weak and – according to Coast president D'Saun (D'Saun's) statement in March – "indecisive".

So far Zuma's ministers – who were expected to sign performance agreements – have not come up with a programme of action that will overhaul the current administration and deliver on key areas such as growing the economy, creating jobs and delivering quality health and education.

Government spokesman Themba Masako said relevant sectors of government would put forward specific targets where jobs can be created. Speaking to media at the presidential guest house, Masako said Zuma and his ministers would sign agreements outlining specific targets set for delivery.

"They will finalise government's programme of action in July," he said.

However, a similar civil servant said Zuma "must be very concerned" about the stability of the civil service.

A number of directors-general or left, but he was suspended from office since the new administration came to office 16 months ago, despite Zuma's promise that the political transition would not affect the civil service.

Report condemns ex-SAA boss

From Page 1
general manager Mboneni Maseko.

Smith, who earned R21 million a year, received a bonus of R270 000 over 10 months, while Zondo received R42 000 a month for 10 of her 18-month annual salary.

Maseko received R26 000, while head of department Vera Krul received R25 300 and company secretary Mantsho Moleki got R16 000. Mboneni's 2009 R180 000 annual salary was topped up by a R20 000 monthly bonus. He now works as a human resources general manager.

Ngqula, who was made to pay back his retention bonus when the airline gave him marching orders last year, had no authority to grant such bonuses.

SAA spokesman Paul Zulu would not reveal the names of friends said to have benefited from Ngqula's activities.

We are still taking legal advice on aspects of the report. Some of the things have been made public because of our cooperation" about the stability of the civil service.

That has KPMG report revealed that Ngqula's friends and associates benefited from overseas trips to the 2009 soccer World Cup in Germany and the 2009 ATP tennis tournament in Monte Carlo, Monaco.

While his friends benefited from overseas trips, Ngqula wasted R20m on hospitality suites at various stadiums around the country. He also received advice received internally and externally – based on the company's then financial position – that he should have a total rental value of approximately R4m for various suites at four different stadiums – which were heavily utilised, the report said.

Ngqula's phone remained unmonitored and encrypted. See Business Report

Kya Sands attacks 'criminal and not xenophobic' Campaign to collect a million pledges

JOHANNESBURG: Gauteng MEC for Community Safety Khabisi Moxuku said yesterday he was confident the police would handle attacks at Kya Sands informal settlement, north of here, involving crime and not xenophobia, was the cause.

"We have assessed the situation thoroughly and the police are able to handle it well. There is no need for the army to be deployed," Moxuku said after he went through informal settlement following Monday night's attacks, reportedly directed at foreigners.

"The minute they pass your check, then the attackers come to kick your door."

Honeywell police cluster commander Major General Oswald Rofadi said 11 violent incidents were reported. Five of the victims were South African, four Zimbabwean and two were from Mozambique.

A total of 10 people had been arrested by yesterday afternoon. – Sapa

Staff Writer

CIVIL society groups in Cape Town yesterday launched what they described as a "national unity campaign" aimed at collecting a million signed pledges against xenophobia.

Until six one, a campaign organised by People Against

Suffering Suppression Oppression and Poverty (PeSop), Black Sash and Soke Gender Justice Network, aims to collect the pledges by Human Rights Day on October 11.

Nkomo's 19 November, Black Sash Advocacy Programme Manager, said the campaign was a symbolic way

of promoting the spirit of ubuntu. "The aim of the book is one of the lodges for xenophobic attacks, but people there have been very respectful by keeping the goods outside from the shops and reporting these young criminals," November said.

See Business Report

Rivals from Prince clan clash in Beaufort West poll

QUINTON MYTALA

WHEN election polls open in Beaufort West this morning, voters will have a choice between two members of the Prince clan standing on opposite political platforms.

It is one of six elections in the province in which the ANC hopes to contain an electoral swing to the Democratic Alliance which has won eight by-elections in the province since May last year.

Ricky Prince, the brother of General Karoo District Municipality mayor Truman Prince, is standing in Ward 3 as an independent candidate.

Among his opponents is his cousin Lena Basson, who is standing for the DA, to the chagrin of her family.

The two wards in Beaufort West, long regarded as a political stronghold, became vacant after the resignation of two ward councillors, both members of the Independent Civic Organisation (SA ICOS).

Truman Prince was thrown out of the ANC and fired as municipal manager following a scandal in 2006. He joined Louis, and was elected mayor in April 2008, with the support of the ANC.

Prince said he was confident of keeping the two wards away from the DA, "taking a shot at his cousin, he said." She was chosen to stand in that ward by a small clique of the DA while my brother was chosen at a community meeting. We've confident that'll take it."

Ricky Prince's status as an independent candidate is a result of the infighting within Louis between his brother and party president Jeffrey Danson, former mayor and current councillor in Kammanas.

Basson says even though she is related to Prince she does not consider him family. "If you don't like him, he would know where I live. His side of the family has never been close to me."

She says there has hardly been any development in Ward 3 and little has been done to fix the ill effects. Anthony Willemse, the DA candidate in Ward 3, was positive about victory for his party which improved its support in the town from 15 to 60 per cent at last year's general elections.

Meanwhile, in Cape Town's Ward

St. Steven Vaba, a councillor for the DA, says he is not excited about results this evening. "I can't be because I've been in this game for too long. I've campaigned hard, people would use me so that I can open the doors of government for them," Vaba said.

The ANC's Ward 98 candidate, John Mthembu, a former provincial secretary of the ANC Youth League, said the party was confident of victory.

Samuel Sello, the PAC's candidate in wards 98 and 95, said the election would be a "trembling" test for the party. "We've been losing support because we've just participated in elections. These elections would be a step towards our participation in next year's local government elections."

quinton.moyala@iim.co.za

FIRST SUPPLEMENTARY VALUATION TO THE 2009 GENERAL VALUATION ROLL (SV01) FOR THE FINANCIAL YEAR 2010/2011

Notices hereby given in terms of section 49 (1)(a)(b) of the Local Government Municipal Property Rates Act, 2004 (Act no. 6 of 2004), hereinafter referred to as the "Act", that the First Supplementary Valuation Roll to the 2009 General Valuation Roll (SV01) for the financial year 2010/2011 is open for public inspection at the venues as stated below from 21 July 2010 until 31 August 2010. The forms for the lodging of objections are available at these venues. In addition the valuation roll is available on the Council website as from 21 July 2010. The address is provided below.

Properties are selected to appear on the First Supplementary Valuation Roll to the 2009 General Valuation Roll (SV01) in terms of section 78(1) of Act if the property was a substantially omitted from the Valuation Roll; has been included in the municipality after the last general valuation; or has been subdivided or consolidated after the last general valuation; it has undergone a significant increase or decrease in market value since the last general valuation; it was a substantially omitted from the last general valuation; it must be evaluated for any other exceptional reason, of which the category has changed.

In terms of Section 49(1)(a)(b) of the Act, any property owner or person who so desires may lodge an objection with the municipal manager in respect of any matter referred to, or omitted from, the SV01 within the abovementioned period.

Approximately 8000 properties have been valued in the SV01 and objections may be lodged in respect of these properties only. The owners of these properties will be notified of the SV01 valuations in writing at the postal address currently held on the City's database.

Attention is specifically drawn to the fact that in terms of section 50(2) of the Act an objection must be in relation to a specific individual property and not against the supplementary valuation roll as a whole. The forms for lodging an objection can be obtained from one of the venues listed below, and can be downloaded from the website. A separate objection form must be completed per property.

Completed objection forms can be submitted as follows:

- Email – valuationobjection@cape.gov.za
- Fax – 086 558 5542
- Post to – The City of Cape Town, For Attention: The Objection Co-ordinator, PO Box 4522, Cape Town 8000
- By Hand – At one of our public inspection venues

No.	Names of Venue	Address of Venue	Operating Hours of Venue
1.	1st Floor, Cape Town Civic Centre	Herzog Boulevard, Cape Town	08:30 – 15:45
2.	Bellville Civic Centre	Voorsteher Road, Bellville (Cnr of Voorsteher Road and Quarry Street Next to Saniam Head Office)	08:30 – 16:00
3.	Milnerton Civic Centre	Pensar Road, Milnerton (Next to Milnerton Library)	08:30 – 16:00
4.	Rumsted Administration	Cnr of Victoria Road and Main Road, Plumstead (next to Checkers)	08:30 – 15:30
5.	Brackenfell Civic Centre	Cnr of Old Park Road and Parakey Street (Opposite Gymnasium)	08:30 – 15:45
6.	Strand Municipal Building	Cnr of Main Road and Fagan Street, Strand	08:30 – 16:00

For more information:
 Shereef: 086 510 3899
 Web: www.cape.gov.za
 DATE: 21 July 2010 - 31 August 2010

ACMATE EBRAHIM
 CITY MANAGER

THIS CITY WORKS FOR YOU

Problems over IRT 'taught the city valuable lessons'

Barabalo Ndenze Metro Writer

DEPUTY MAYOR Ian Nielson says the city has learnt valuable lessons from all the financial and management problems confronting its integrated Rapid Transit (IRT) system, adding that the project should not be used to score cheap political points.

Nielson, who is also the mayor's committee member for Finance, was commenting on the city's due diligence report on the IRT revised business plan, approved by the council in order for the city to secure future funding from the national government.

"There are people who want to make cheap politics out of this," Nielson said, referring to statements made by council members on the project.

A city performance assessment conducted for the standing committee on public accounts (SCO) says action should be taken against officials and councillors responsible for the multi-billion rand "misadventure" in connection with the IRT system.

"The SCO report said: 'Action should be taken against those responsible for the misadventure of cost for the IRT. Citizens from Atlanta have to suffer the consequences of not getting the promised transport into the city'."

Some SCO members believed former transport official Eddie Chimpenge should not have borne the brunt of the misadventure. Nielson acknowledged that the original report, which underestimated the costs of the project, but that the city had since made "significant" improvements. He said the forensic investigation, due diligence study, significant changes in the IRT management and improved management had turned things around.

"With this latest report, there's a very significant improvement from previous reports. It's taken into account all these investigations. There are still risks involved, but we have the best available information on what those risks comprise and how to deal with them," Nielson said. He said the city now had a "fairly good grip" on the project.

"We now have a much better understanding of those infrastructure costs. What is uncertain at this stage is the scope of it," Nielson said.

He said the city would be better informed about the operational side of things once the project's first phase had been fully implemented.

"We will be closely reviewing and monitoring the project," he said.

barabalo.ndenze@iim.co.za

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

PROPOSED DEVELOPMENT OF WIND FARMS

Invitation to Comment

of Renewable Energy (Pty) (C) proposes to establish wind energy facilities at the following sites in the Western and Northern Cape: Lamberts Bay (between Lamberts Bay and Graaff-Reinet), Kwaaihoek (south of Alexander Bay), Willem (east of Swartkops River) and Roggeveld (between Matielandfontein and Swartkops).

The proposed facilities would include wind turbines and associated infrastructure which will generate electricity that will be fed into the National Power Grid via new sub-stations located both within the sites.

These activities will require environmental authorisation from the Department of Environmental Affairs (DEA) to meet National Environmental Impact Assessment (EIA) processes for the wind farms.

ERM Southern Africa (Pty) Ltd (ERM) has been appointed to undertake the EIA. This advert serves as a notification of the commencement of the public participation process for the EIA. To comment on the proposed project and/or to register as interested and affected party (IAP) please contact:

ERM Southern Africa (Pty) Ltd
 Tel: 021 702 9100; Fax: 021 701 7000;
 Email: eia@ermsouthafrica.com
 Postal Address: Postnet Suite 50, Private Bag 122, Tokai 7805

Please contact the following reference numbers on all correspondence:

- ERM Ref no. 0112/244
- Lamberts Bay Ref no. 12/12/2009/845
- Kwaaihoek Ref no. 12/12/2009/846
- Roggeveld Ref no. 12/12/2009/847
- Willem Ref no. 12/12/2009/848
- Authorisation Ref no. 12/12/2009/849

Notice is given of Public Participation Process as the intention to apply for Environmental Authorisation in terms of the EIA Regulation of 13 April 2004 under the MMA Act No. 237 of 1994. The proposed project is subject to the following conditions: 1. 2007, 7. 24 and 13. Regulation Notice 668 and 669 of 2007, 11. 01, and 2. Regulation Notice 897.

SAPD OP CARNARVON

Plaasbesoeke vir beskerming

CARNARVON – Een van die prioriteite van SAPD Carnarvon is om oplossings te vind om plaasaanvalle te voorkom.

SAPD Carnarvon streef daarna om 'n wesenlike verskil te maak ten opsigte van landelike veiligheid. Enige beveling kan slegs deur middel van proaktiewe beplanning in werking gestel word. Om pro-aktief te wees, beteken dit die gemeenskap op enige voorval bedag en gereed moet wees.

Die plaaslike polisie te Carnarvon is besig met 'n projek waar al die distrik se plase besoek

gaan word. Veiligheidswenke en pamflette word aan die plaas eienaars en werkers gegee om sodanige hulpsel voor te berei indien daar 'n situasie sou ontstaan.

Die SAPD Carnarvon samesel ook inligting in oor hoeveel lawoneers op die plase is. Hierdie inligting word gebruik vir die opdatering van die plaas sektore en sektor profile.

Meer plaasbesoeke sal gedoen word en in 'n plaasbesoekeregister aangeteken word. Op hierdie wyse word waardevolle inligting aan die SAPD verskaf. Onthou: u veiligheid bly vir ons belangrik.



MADIBADAG

'N GROEP van die personeel van die Departement van Sport, Kuns en Kultuur en Binne-landsake by die openbare biblioteek op Calvinia. Hulle het vir die Graad-7 leerders van Hantam Laerskool 'n program oor oud-president Nelson Mandela aangebied. Daarna het die personeel en leerders in drie groepe van sowat 67 elk verdeel om rommel op 'n paar terreine te gaan ophel.

CARNARVON DUIWE

Vorentoe kan dit nog rof raak

CARNARVON – Kan jy glo 6 wedvlugte van 2010 is afgelaan. Die mandjies was Donderdagaand maar lig ge-laa en die "rowwe" wedvlugte lê nog voor. Klink my na vasbyt. Vlieg tot daar met 1 oorbyl.

Ons vriendjies het in gedeelteslik bewolke weer in Laingsburg weggetrek met 'n ligte WNW-wind. Hierdie kant was dit egter 'n lieflike sonskyn dag met 'n ligte bries wat ge-rour het. Vriendjies het amper warm gekry! Nou ja Suid is Loxton en Trywell se kos. Mooi!

Uitslag Laingsburg 1 Ope: Eben Keyser 1,3 en 6; André Venter 2, 8 en 10; Anette Hugo 4, 5 en 21; Eben Hugo 7, 19 en 20; Stormers-bok 9, 15 en 22; Carl Müller srr 11, 13 en 17; Roy Hegegan 12, 14 en 16; Vanie de Kock 18, 23 en 24. Spoed 1254,8489 mpm.

Uitslag Laingsburg 1 J/OU: Anette Hugo 1, 5 en 16; Eben Hugo 2, 9 en 10; André Venter 3, 6 en 17; Maljan-bok 4, 8 en 24; Carl Müller srr 7, 11 en 24; Stormers-bok 13, 20 en 22; Roy Hegegan 14, 21 en 23; Eben Keyser 15, 18 en 19. Spoed 1893,2226 mpm.

Donderdagaand klim die vriendjies Vryburg toe. Dit is

NOORDWESTER UITGEWERS
Drukkers van Naam op Calvinia
TEL: (027) 2-411026
FAX: (027) 2-411986

MATIE BY LSC
ANJA DE KOCK, 'n onderwyf-student van Universiteit Stellenbosch, prof tans by Laer-skool Calvinia se Graad 4-klas. Anja was ook vroeër vanjaar 'n proestudent by die skool.

HANTAM MUNICIPALITY CALVINIA TOWN PLANNING SCHEME: APPLICATION FOR REZONING: ERF 1021 CALVINIA

Notice is given in terms of the provisions of the Northern Cape Planning and Development, (Act 7 of 1998) and the applicable Scheme Regulations of Hantam Municipality, that it is the intention of the Council to consider the under mentioned on immovable property:

1. A CERTAIN ERF 1021 De Villiers Street, Calvinia

1.1 Proposed Rezoning

1. Description of Property Erf 1021 Calvinia
2. Site Erf 1021, 21 De Villiers Street Calvinia
3. Area 1140 m²
4. Applicant Johannes G. Coetzee & Son Attorneys Gerni D. van Schaikwyk (Erf 1021 Tluu Deed Nr. T54653/2009)
5. Registered Owner Residential zone 1 to Business zone 1 (Restaurant)
6. Present Utilisation

Full particulars are obtainable from the office of Johannes G. Coetzee and Son Attorneys, 33 Church Street, Calvinia, during normal office hours (08:00 to 13:00 and 14:00 to 18:30) and objections against the application, if any, must be lodged in writing on or before Friday, 13 August 2010. Any person with objections against the application, who is unable to write, can report to Mrs. C. Coetzee who will put such a person's objections in writing.

Johannes G. Coetzee and Son Attorneys 33 Church Street
E-mail: coo@cmtd.co.za P.O. Box 500
Tel: 027-342743 CALVINIA
Fax: 027-342743 6190

CALVINIA DUIWE

CALVINIA duiwe het as volg gevlieg op 17 Julie 2010:

Uitslag Warrenton 620 km: Thys Steenkamp 13,5,10; NE Lambrechts 28,9,11,12,19,20; W Parker 4,13,14; Hannes Louw 6,15,16; L Coetzee 7; Johan Louw 17; S Coetzee 18. Wenspoed 1416m/min

Die punte stand lyk na 6 vlugte soos volg: Thys Steenkamp 293; Hannes Louw 265; W Parker 233; Johan Louw 208; NE Lambrechts 172; S Coetzee 129; L Coetzee 110. Eerskomende naweek is weer 'n lang vlug en die duiwe word op Modderivier, 540km los-

10 Jaar gelede

DIE NOORDWESTER: 30 Junie 2010. Die naam van die nuwe munisipaliteit van die distrikte Brandvl, Calvinia, Loeriesfontein en Nieuwoudville is Hantam, maar die naam het kwaaai teenstand van die Loerie gekry.

KENNISGEWING VAN OMGEWINGSIMPAAKBERALING (OIB) VOORGESTELDE ONTWIKKELING VAN ROGGEVELD WINDPLAAS



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROPOSED DEVELOPMENT OF ROGGEVELD WIND FARM



Uitnodiging vir Kommentaar

G7 Renewable Energies (Edms) (G7) is voornemens om 'n wind-energie fasiliteit tussen Matjiesfontein en Sutherland tot stand te bring. Die voorgestelde fasiliteit sal wind turbines en gepaardgaande infrastruktuur insluit wat elektrisiteit sal genereer en in die Nasionale Kragnetwerk gevoer word.

Roggeveld Windplaas sal bestaan uit tot 250 wind turbines. Die verwagte maksimum uitset van die fasiliteit is tot 750 MW. Die fasiliteit sal gekoppel word aan die Nasionale Kragnetwerk deur 'n nuwe substansie, wat binne die gebied waar die gebou te word.

Hierdie aktiwiteit sal magtiging vereis deur die Departement van Omgewingsake (DOS) 'n Omgewingsimpak Bepalingsprosedure (OIB) vir die wind-energie fasiliteit.

ERM Southern Africa (Edms) Bpk (ERM) is aangestel om die OIB te behartig. Hierdie skrywe dien as kennisgewing van die aanvang van die publieke deelname proses vir die OIB. Om kommentaar te lewer oor die voorgestelde projek en/of te registreer as 'n belanghebbende en Geïnteresseerde Party (GEP), maak asseblief voor 20 August 2010 kontak met Claire Alborough by ERM:

021 702 9100 (Tel); 021 701 7900 (Faks); of
claire.alborough@erm.com
Postnet Suite 90, Private Sak 112, Tokai 7966

Maak asseblief die volgende verwysingsnommers aan op alle korrespondensie:
DOS Verwysingsnommer 12/12/20/1988
ERM Verwysingsnommer: 0117424

Kennisgewing geskied van 'n Openbare Deelnemingsprose en die voornemens om aan te begin vir Omgewingsimpak Bepalingsprosedure (OIB) Regulasies van 21 April 2006 en Ingevoerde NEMA (Nuwe Omgewingsbestuurswet) (Wet Nummer 107 van 1998), soos gewysig. Die voorgestelde aktiwiteit Aktiwiteit Aktiwiteit 1(a), 1(m), 7, 14 en 15 van Regulasiesinligting R386 en Aktiwiteit 1(a), 1(l), en 2 of Regulasiesinligting R387.



Invitation to Comment

G7 Renewable Energies (Pty) (G7) proposes to establish a wind energy facility between Matjiesfontein and Sutherland in the Western and Northern Cape. The proposed facility would include wind turbines and associated infrastructure which will generate electricity that will be fed into the National Power Grid.

The Roggeveld Wind Farm will comprise up to 250 wind turbines. The anticipated maximum output of the facility is up to 750 MW. The facility will be connected to the National Grid via a proposed new substation which will be built within the site area.

These activities will require environmental authorisation from the Department of Environmental Affairs (DEA) through a Scoping/ Environmental Impact Assessment (EIA) process for the wind farm.

ERM Southern Africa (Pty) Ltd (ERM) has been appointed to undertake the EIA. This advert serves as notification of the commencement of the public participation process for the EIA. To comment on the proposed project and/or to register as an interested and affected party (I&AP) please contact Claire Alborough of ERM before 20 August 2010:

Tel: 021 702 9100; Fax: 021 701 7900; or
Email: claire.alborough@erm.com
Postal Address: Postnet Suite 90, Private Bag X12 Tokai 7966

Please quote the following reference numbers on all correspondence:
DEA Ref no.: 12/12/20/1988
ERM Ref no.: 0117424

Notice is given of a Public Participation Process & the intention to apply for Environmental Authorisation in terms of the EIA Regulations of 21 April 2006 under the NEMA Act no. 107 of 1998, as amended. The proposed project triggers Activity 1(a), 1(m), 7, 14 and 15 of Regulation Notice R386 and Activity 1(a), 1(l), and 2 of Regulation Notice R387.



Figure 1.4

A Closer View of the Advert in the Noordwester Newspaper

KENNISGEWING VAN
OMGEWINGSIMPAKBEPALING (OIB)
VOORGESTELDE ONTWIKKELING VAN
ROGGEVELD WINDPLAAS



Uitnodiging vir Kommentaar

G7 Renewable Energies (Edms) (G7) is voornemens om 'n wind-energie fasiliteit tussen Matjiesfontein en Sutherland tot stand te bring. Die voorgestelde fasiliteit sal wind turbines en grootheid infrastruktuur insluit wat elektrisiteit sal genereer en in die Nasionale Kragnetwerk gevoer word.

Roggeveld Windplaas sal bestaan uit tot 250 wind turbines. Die verwagte maksimum uitset van die fasiliteit is tot 750 MW. Die fasiliteit sal gekoppel word aan die Nasionale Kragnetwerk deur 'n nuwe substase, wat binne die gebied waar die gebou te word.

Hierdie aktiwiteite sal magtiging vereis deur die Departement van Omgewingsake (DOS)'n Omgewingsimpak Bepalingsproses (OIB) vir die wind-energie fasiliteit.

ERM Southern Africa (Edms) Bpk (ERM) is aangestel om die OIB te behartig. Hierdie skrywe dien as kennisgewing van die aanvang van die publieke deelname proses vir die OIB. Om kommentaar te lewer oor die voorgestelde projek en/of te registreer as 'n belanghebbende en Geïnteresseerde Party, (BGP), maak asseblief voor 20 August 2010 kontak met Claire Alborough by ERM:


021 702 9100 (Tel); 021 701 7900 (Faks); of
claire.alborough@erm.com
Postnet Suite 90, Private Sak X12, Tokai 7966

Haal asseblief die volgende verwysingsnommers aan op alle korrespondensie:
DOS Verwysingsnommer 12/12/20/1988
ERM Verwysingsnommer: 0117424

Kennisgewing geskied van 'n Openbare Deelname Prose en die voorneme om aansoek te doen vir Omgewingsmagtiging kragtens die OIB Regulasies van 21 April 2006 en Inoetsens NEMA (Nuwe Omgewingsbestuurswet) (Wet Nummer 107 van 1998), soos gewysig. Die voorgestelde aktiwiteit aktiveer Aktiwiteit 1(a), 1(b), 7, 14 en 15 van Regulasieskennisgewing R386 en Aktiwiteit 1(a), 1(b), en 2 of Regulasieskennisgewing R387.



NOTICE OF ENVIRONMENTAL
IMPACT ASSESSMENT (EIA)
PROPOSED DEVELOPMENT OF
ROGGEVELD WIND FARM



Invitation to Comment

G7 Renewable Energies (Pty) (G7) proposes to establish a wind energy facility between Matjiesfontein and Sutherland in the Western and Northern Cape. The proposed facility would include wind turbines and associated infrastructure which will generate electricity that will be fed into the National Power Grid.

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ERM Southern Africa (Pty) Ltd (ERM) has been appointed to undertake the EIA. This advert serves as notification of the commencement of the public participation process for the EIA. To comment on the proposed project and/or to register as an Interested and Affected Party (I&AP) please contact Claire Alborough of ERM before 20 August 2010:

Tel: 021 702 9100; Fax: 021 701 7900; or
Email: claire.alborough@erm.com
Postal Address: Postnet Suite 90, Private Bag X12
Tokai 7966

Please quote the following reference numbers on all correspondence:
DEA Ref no.: 12/12/20/1988
ERM Ref no.: 0117424

Notice is given of a Public Participation Process & the intention to apply for Environmental Authorisation in terms of the EIA Regulations of 21 April 2006 under the NEMA Act No. 107 of 1998, as amended. The proposed project triggers Activity 1(a), 1(b), 7, 14 and 15 of Regulation Notice R386 and Activity 1(a), 1(b), and 2 of Regulation Notice R387.



Annex C (iv)

Site Notice

Figure 1.1 Site notice at the entrance to the proposed project site (English and Afrikaans)



Figure 1.2 Site notice at the main entrance gate of the project site (English and Afrikaans)



Figure 1.3 BIDs at Sutherland Public Library

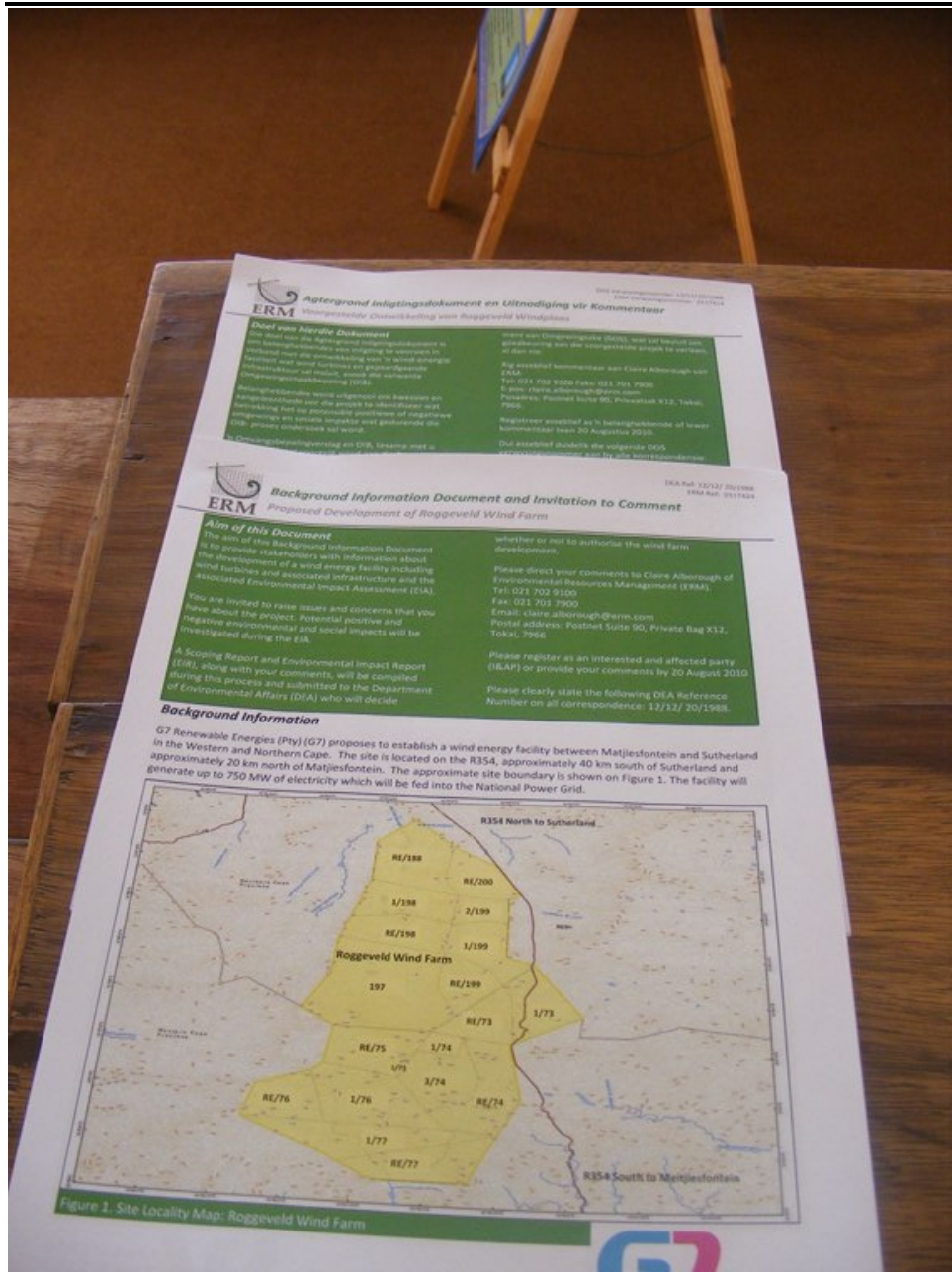


Figure 1.4 Site notice in Sutherland Public Library (English and Afrikaans)



Figure 1.5 Site notice at Karoo-Hoogland Municipality Offices in Sutherland



Figure 1.6 Site notice at Karoo-Hoogland Municipality Offices in Sutherland (Afrikaans)

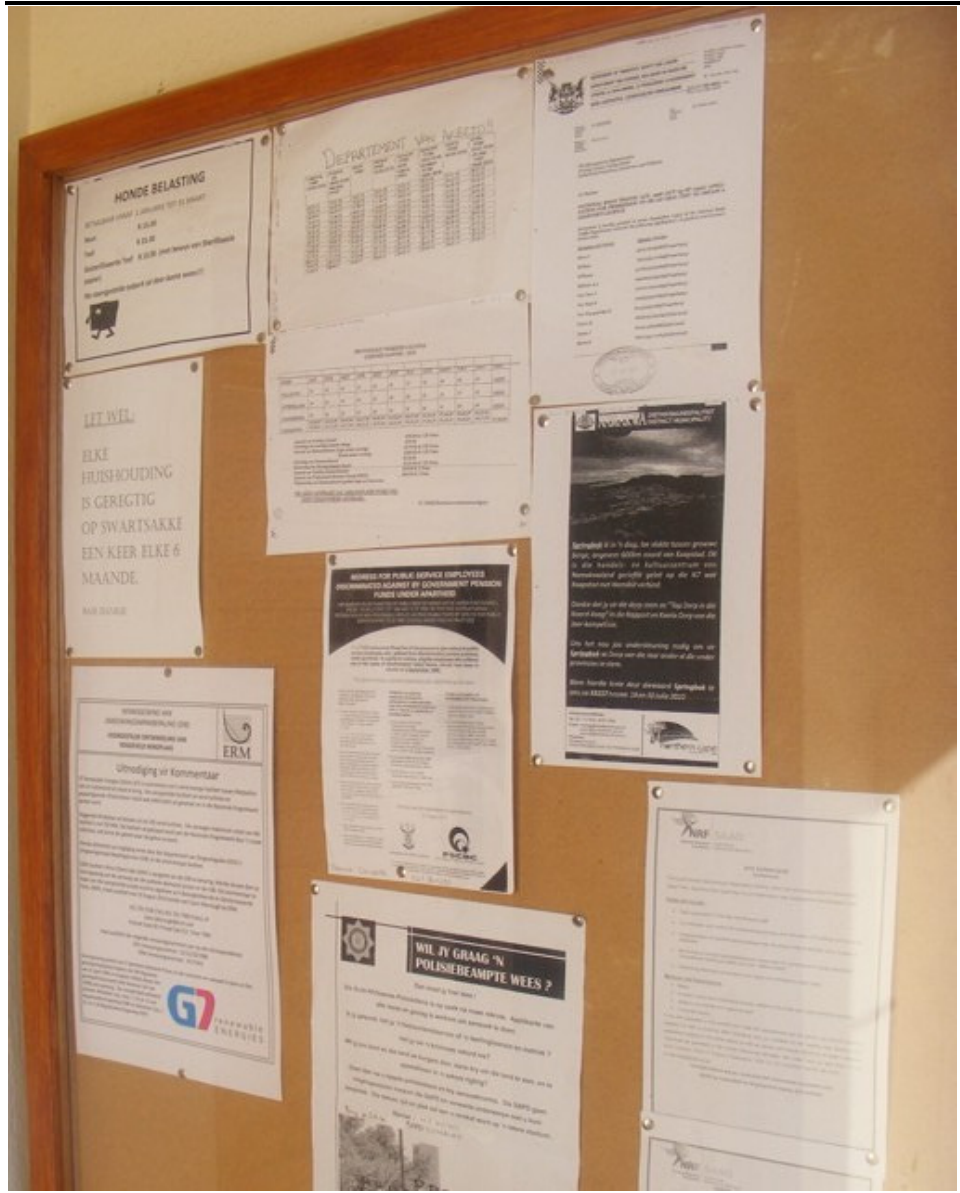


Figure 1.7 Site notice at the Sutherland Co-Op



Figure 1.8 Site notice at Laingsburg Public Library (Roggeveld and Witberg in Afrikaans)



Annex C (v)

Proof of Posted Notifications

Initial Notification

Roggeveld
Project Number - 0117424
22 July 2010

Mr C Matthee
Barendskraal Farm
P O Box 57
7599 Stellenbosch

P van der Westhuizen
Barendskraal Farm
PO Box 835
7599 Stellenbosch

Mr DJ Caldo
Bon Esperange Farm
P O Box 75
6900 Laingsburg

Cloete Family Trust
173 Vasco Boulevard
7460 Goodwood

D Dirk van Zyl Trust
P O Box 109
6920 Sutherland

Mr CG du Plessis
P O Box 6
6900 Laingsburg

Mr J Steenkamp
Ekkraal Farm
Groenland Wines
P O Box 4
7579 Kuilsriver

Mr PJ Conradie
Ekkraal Farm
P O Box 183
6900 Laingsburg

Mr F Conradie
Farm Standvastigheid
Posbus 137
6900 Laingsburg

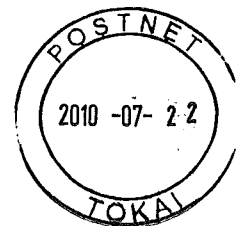
RJ Gouws
640 Gypsum Street
0181 Elardus Park

P Graaff
P O Box 92
6835 Ceres

Mr G Hannekom
P O Box 12332
Die Boord
7613 Stellenbosch

Mr E Marais
Hartjies Kraal Farm
P O Box 96
6900 Laingsburg

Mr PS Gouws
Hartjies Kraal Farm
P B Box 176
6900 Laingsburg



Mr O Conradie
Karreebosch Farm
P O Box 183
6900 Laingsburg

Mr A Le Roux
Klipbanks Fontein Farm
P O Box 30
6900 Laingsburg

Mr DJH Conradie
Klipbanks Fontein Farm
P O Box 36
6900 Laingsburg

MJ Koorts
P O Box 78
6930 Prince Albert

J Kriel
P O Box 292

6730 Bonnievale

Z Loots
10 Marina Crescent
7130 Somerset West

Z Paulsen
P O Box 197
6920 Sutherland

Mr JJ le Roux
Rietfontein Farm
P B Box 106
6900 Laingsburg

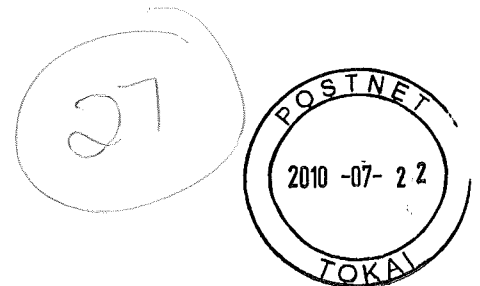
Dr J Terblance
Riverside 4C
Kuilsvier Hospital
33 Van Riebeeck Rd
7580 Kuils River

W Theron
P O Box 192
6900 Laingsburg
Laingsburg

Dr M Thomson
P O Box 5533
6862 Worcester Wes

Turn Around Trading
173 Vasco Boulevard
7460 Goodwood

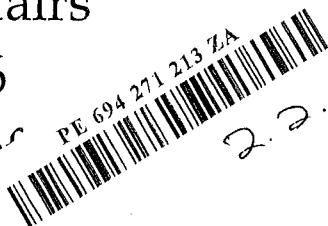
Dr J Breedt
Wilgebosch Rivier Farm
P O Box 74
6920 Sutherland



Scoping Notification

Project 117424.

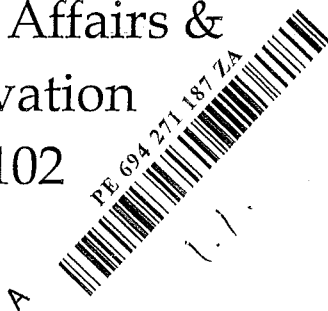
Ms Wilna Kloppers
Western Cape Department of
Water Affairs
P Bag X16
Sanlamhoo
7532



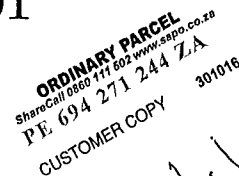
Mr A Barnes
Western Cape Provincial
Government
Environmental Affairs &
Development Planning
Utilitas Building, 1 Dorp Street
Cape Town
8001



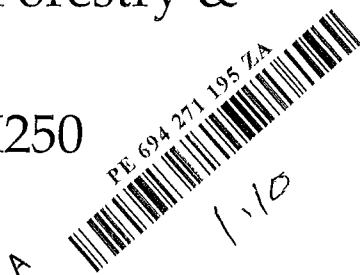
Mr S Mbanjwa
Northern Cape Provincial
Government
Environmental Affairs &
Nature Conservation
Private Bag X6102
Kimberley
8300



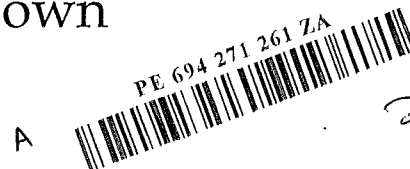
Mr L Snyders
Department of Water Affairs
Private Bag X6101
Kimberley
8300



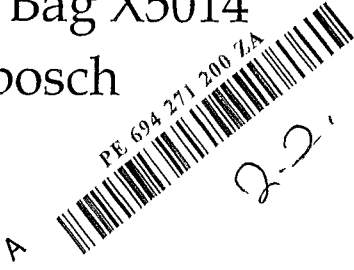
Mr P Thabethe
National Government
Agriculture, Forestry &
Fisheries
Private Bag X250
Pretoria
0001



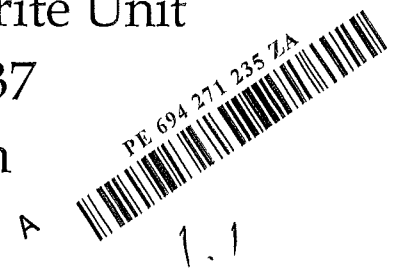
Mr N Wiltshire
Heritage Western Cape
3rd Floor
Protea Assurance Building
Green Market Square
Corner Long & Market Streets
Cape Town
8001



Ms A Duffell-Canham
Western Cape Nature
Conservation Board
Private Bag X5014
Stellenbosch
7599



Mariagrazia Galimberti
SAHRA
Archaeology Palaeontology
and Meteorite Unit
PO Box 4637
Cape Town
8000



Project Code 117424

Mr J Cloete
Municipal Manager
Richtersveld Local
Municipality
Main Rd,
Port Nolloth, 8280

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 332 ZA
CUSTOMER COPY 301016

0.600

Mr JT Loubser
Acting Municipal Manager
Namakwa District
Municipality
P O Box 5,
Springbok, 8240

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 301 ZA
CUSTOMER COPY 301016

1.200

Mr S Jooste
Municipal Manager
Central Karoo District
Municipality
Private Bag X560,
Beaufort West, 6970

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 275 ZA
CUSTOMER COPY 301016

1.300

Mr P Williams
Municipal Manager
Laingsburg Municipality
Private Bag X4,
Laingsburg, 6900

A
ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 329 ZA
CUSTOMER COPY 301016

0.700

For Attention: LandUse
Management
Western Cape Provincial
Government
Department of Agriculture,
Private Bag X1,
Elsenburg, 7607

A
ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 258 ZA
CUSTOMER COPY 301016

2.4

Mr G Matthyse
Municipal Manager
Cederberg Local Municipality
Private Bag X2,
Clanwilliam, 8135

A
ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 694 271 292 ZA
CUSTOMER COPY 301016

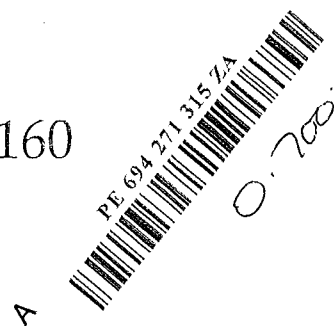
0.600

Mr HF Prins
Municipal Manager
West Coast District
Municipality
P O Box 242,
Moorreesburg, 7310

ORDINARY PARCEL
SheraCall 0860 117 502 www.sapo.co.za
PE 694 271 289 ZA
CUSTOMER COPY 301016

1.2.

Mr J Pekeur
Acting Technical Director
Matzikama Local
Municipality
P O Box 98,
Vredendal, 8160



Annex C (vi)

Proof of E-mailed Notifications

Initial Notification

Linda Slabber

From: Linda Slabber
Sent: 21 July 2010 16:19
To: Linda Slabber
Subject: Background Information Document (BID) For the Proposed Wind Farms in Roggeveld and Richtersveld
Follow Up Flag: Follow up
Flag Status: Red
Attachments: 20100716_Draft BID Roggeveld_v02.pdf; 20100716_Final BID Richtersveld.pdf
Bcc: 'twessels@grand.ncape.gov.za'; 'se@museumsnc.ac.za'; 'mabele@ncapeeda.co.za'; 'smbanjwa@ncpg.gov.za'; 'cfortune@agri.ncape.gov.za'; 'klawrence@trpw.ncape.gov.za'; 'snydersl@dwaf.gov.za'; 'pieter.swart@dme.gov.za'

Our Reference: 0117424

*DEA Reference: Richtersveld 12/12/20/1967
Roggeveld 12/12/20/1988*

Dear Stakeholder,

Please find attached the Background Information Documents for the Witberg, Roggeveld and Richtersveld Wind Farms Environmental Impact Assessment (EIA). The proposed Wind Farm site is located in the Northern Cape. The project will include wind turbines and associated infrastructure which will be fed into the National Grid. Please note that a public meeting will be held in October 2010 to provide the public with further information and gather issues and concerns about the proposed project; a further notification will be sent in due course to confirm the date of this meeting. (Afrikaans BIDs are available on request).

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact me should you have any queries or if you would like to register as an Interested and Affected Party.

Yours sincerely,



Claire Alborough
Consultant

Impact Assessment and Planning (IAP)
ERM Southern Africa
Silverwood House, Block A
Silverwood Close
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa

T: +27 (0)21 702 9100
F: +27 (0)21 701 7900
C: +27 (0)72 119 8244
Email: Claire.Alborough@erm.com

Linda Slabber

From: Linda Slabber
Sent: 22 July 2010 15:33
To: Linda Slabber
Subject: Background Information Document for the Proposed Wind Farm Roggeveld (Western and Northern Cape)
Attachments: 20100716_Final BID Roggeveld.pdf
Bcc: 'anbarnes@pgwc.gov.za'; 'marketing@westerncapetourism.co.za'; 'sharon@wessa.co.za'; 'marketing@wessa.co.za'; 'johan@awk.co.za'; 'aduffell-canham@capenature.co.za'; 'rellis@pawc.wcape.gov.za'; 'njohnsto@pgwc.gov.za'; 'paulh@elsenburg.com'; 'khanr@dwaf.gov.za'; 'brandonl@elsenburg.com'; 'tmanyathi@pgwc.gov.za'; 'swebb@pgwc.gov.za'; 'sivuyile.mpakane@dme.gov.za'; 'mandyl@sanparks.org'; 'carl@awk.co.za'; 'jpeters@pgwc.gov.za'; 'ecohead@pgwc.gov.za'; 'crabie@pgwc.gov.za'; 'dswanepoel@pgwc.gov.za'; 'helena@awk.co.za'; 'amsterdam@new.co.za'; 'hwc@pgwc.gov.za'

Our Reference: 0117424

DEA Reference: Roggeveld 12/12/20/1988

Dear Stakeholder,

Please find attached the Background Information Document for the Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site **is** located in the Western and Northern Cape. The project will include wind turbines and associated infrastructure which will be fed into the National Grid. Please note that a public meeting will be held in October 2010 to provide the public with further information and gather issues and concerns about the proposed project; a further notification will be sent in due course to confirm the date of this meeting. (Afrikaans BID is available on request).

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact me should you have any queries or if you would like to register as an Interested and Affected Party.

Yours sincerely,



Claire Alborough
Consultant

Impact Assessment and Planning (IAP)
ERM Southern Africa
Silverwood House, Block A
Silverwood Close
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa

T: +27 (0)21 702 9100
F: +27 (0)21 701 7900
C: +27 (0)72 119 8244
Email: Claire.Alborough@erm.com

22/07/2010

Linda Slabber

From: Linda Slabber**Sent:** 21 July 2010 17:35**To:** Linda Slabber**Subject:** Background Information Documents for the Proposed Wind Farms in the Northern Cape**Bcc:** info@icasa.org.za; advocacy@birdlife.org.za; BarnarJM.BFN.FS_Bloemfontein@eskom.co.za; lbrink@capenature.co.za; pauld@sanparks.org; dekokkr@nra.co.za; skua@mweb.co.za; louis@villiers.co.za; mduplessis@wwf.org.za; scharlton@wwf.org.za; yolanf@ewt.org.za; carelg@atns.co.za; Doug.Harebottle@uct.ac.za; thysh@atns.co.za; doug@adequate-energy.co.za; swjohnston@mweb.co.za; joostecg@eskom.co.za; henk.landman@eskom.co.za; mleslie@sahra.org.za; rlevin@economic.gov.za; dineo.moraile@dme.gov.za; mbongwat@caa.co.za; zini@earthlife.org.za; info@nersa.org.za; marketing@wessa.co.za; livhuwani.ndou@transnet.net; jaco.nel@vodamail.co.za; nngcaba@deat.gov.za; njezile@deat.gov.za; DNgwenya@icasa.org.za; Isongca@icasa.org.za; mampuru.koma@dme.gov.za; nic@agrisa.co.za; pretoriusk@caa.co.za; zaitoon@mweb.co.za; anneke@agrisa.co.za; segomoco.scheppers@eskom.co.za; office@afriwea.org; jons@ewt.org.za; StrohL@caa.co.za; tristen@earthlife.org.za; dg@daff.gov.za; joanne@savannahsa.com; saaf7@telkomsa.net; agrisa@agriinfo.co.za; charmaine@agrisa.co.za; waldtjc@nra.co.za; sam.vukela@dpw.gov.za; karoo-Desert-NBG@sanbi.org.za; postmaster@wessa.wcape.school.za

Our Reference: 0117424

DEA Reference (s):

Richtersveld 12/12/20/1967

Roggeveld 12/12/20/1988

Dear Stakeholder,

Please find attached the Background Information Documents for the **Richtersveld and Roggeveld** Wind Farms Environmental Impact Assessment (EIA). The proposed Wind Farm sites are located in the **Northern Cape**. The project will include wind turbines and associated infrastructure which will be fed into the National Grid. Please note that a public meeting will be held in October 2010 to provide the public with further information and gather issues and concerns about the proposed project; a further notification will be sent in due course to confirm the date of this meeting. (Afrikaans BIDs available on request)

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact me should you have any queries or if you would like to register as an Interested and Affected Party.

Yours sincerely,



Claire Alborough
Consultant

Impact Assessment and Planning (IAP)
ERM Southern Africa
Silverwood House, Block A
Silverwood Close
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa

22/07/2010

Linda Slabber

From: Linda Slabber
Sent: 22 July 2010 16:55
To: 'macroplan@mweb.co.za'
Subject: Background Information Document (BID) For the Proposed Wind Farms in Roggeveld and Richtersveld
Attachments: 20100716_Draft BID Roggeveld_v02.pdf; 20100716_Final BID Richtersveld.pdf

Our Reference: 0117424
DEA Reference: Richtersveld 12/12/20/1967
Roggeveld 12/12/20/1988

Dear Stakeholder,

Please find attached the Background Information Documents for the Witberg, Roggeveld and Richtersveld Wind Farms Environmental Impact Assessment (EIA). The proposed Wind Farm site is located in the Northern Cape. The project will include wind turbines and associated infrastructure which will be fed into the National Grid. Please note that a public meeting will be held in October 2010 to provide the public with further information and gather issues and concerns about the proposed project; a further notification will be sent in due course to confirm the date of this meeting. (Afrikaans BIDs are available on request).

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Yours sincerely,



Claire Alborough
Consultant

Impact Assessment and Planning (IAP)
ERM Southern Africa
Silverwood House, Block A
Silverwood Close
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa

T: +27 (0)21 702 9100
F: +27 (0)21 701 7900
C: +27 (0)72 119 8244
Email: Claire.Alborough@erm.com

cc Katherine Degenaar



(ERM Project Manager)

Enc: Roggeveld and Richtersveld Wind Farms Background Information Document

22/07/2010

Janet Mkhabela

Sent: 21 July 2010 14:43
To: 'stefanus@skdm.co.za'; 'manager@skdm.co.za'; 'info@namakwa-dm.gov.za'; 'gerdavidh@namakwa-dm.gov.za'; 'karooadmin@telkomsa.net'; 'pawilliams@laingsburg.gov.za'; 'rhynog@enviroserv.co.za'; 'jaco_ent@vodamail.co.za'
Subject: Background Information Document for the Proposed Wind Farm in Roggeveld
Attachments: 20100716_Draft BID Roggeveld_v02.pdf

Our Reference: 0117424

DEA Reference: 12/12/20/1988

Dear Stakeholder,

Please find attached the Background Information Document (in both English and Afrikaans) for the Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site is located near Matjiesfontein in the Western Cape; the project area falls within both the Western and Northern Cape Provinces. The project will include up to 250 wind turbines and associated infrastructure with a projected output of up to 750 MW of energy, which will be fed into the National Grid. Please note that a public meeting will be held in October 2010 to provide the public with further information and gather issues and concerns about the proposed project; a further notification will be sent in due course to confirm the date of this meeting.

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact me should you have any queries or if you would like to register as an Interested and Affected Party.

Yours sincerely,



Claire Alborough
Consultant

cc Katherine Degenaar



(ERM Project Manager)

Enc: Roggeveld Wind Farm Background Information Document

Claire Alborough
Consultant

Impact Assessment and Planning (IAP)
ERM Southern Africa
Silverwood House, Block A
Silverwood Close
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa

22/07/2010

Scoping Notification

Linda Slabber

From: Linda Slabber
Sent: 01 October 2010 16:09
To: Linda Slabber
Subject: Non-technical Executive Summary - Roggeveld Wind Farm Draft Scoping Report
Attachments: Roggeveld Executive Summary English_28 Sept 10 v1.0.pdf
Bcc: 'rellis@pawc.wcape.gov.za'; 'njohnsto@pgwc.gov.za'; 'khanr@dwaf.gov.za'; 'tmanyathi@pgwc.gov.za'; 'swebb@pgwc.gov.za'; 'sivuyile.mpakane@dme.gov.za'; 'jpeters@pgwc.gov.za'; 'ecohead@pgwc.gov.za'; 'crabie@pgwc.gov.za'; 'dswanepoel@pgwc.gov.za'; 'marketing@westerncapetourism.co.za'; 'johan@awk.co.za'; 'lbrink@capenature.co.za'; 'jaco.nel@vodamail.co.za'; 'carl@awk.co.za'; 'gsieraha@gmail.com'; 'helena@awk.co.za'

*Our Ref: 0117424
DEA Ref: 12/12/20/1988*

Dear Stakeholder,

Please find attached the English Non-technical Executive Summary (an Afrikaans version is available and can be provided on request) of the draft Scoping Report for the proposed Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site is located between Matjiesfontein and Sutherland in the Western and Northern Cape.

The full draft Scoping Report is available for public comment on the project website (http://www.erm.com/G7_Renewable_Energies) and in Sutherland and Laingsburg Public Libraries. All comments on this draft Scoping Report must be submitted to ERM by 12th November 2010.

Please note that an open exhibition and public meeting will be held in the Laingsburg Flood Museum Auditorium on 27th October 2010 to provide the public with further information and gather issues and concerns about the proposed project. The open exhibition will be open from 3:30 pm – 5 pm and the public meeting will take place from 5 pm – 6 pm.

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact us should you have any queries or if you would like to comment on the draft Scoping Report.

Please note that as the project will generate electricity from a renewable resource and displace coal-fired electricity on the national electricity grid, it will result in reduced greenhouse gas emissions. The project developers will be applying for carbon credits under the Clean Development Mechanism of the Kyoto Protocol and the revenue from the carbon credits will assist in offsetting a portion of the costs associated with generating renewable energy and in securing project finance.

Yours sincerely,

Linda Slabber and Claire Alborough

ERM Southern Africa
Silverwood House, Block A
Silverwood Close,
Steenberg Office Park
Steenberg, 7945
Cape Town, South Africa
Tel: +27 21 702 9100
Fax: 086 662 2228
Mobile: +27 84 409 9641
linda.slabber@erm.com
www.erm.com

Linda Slabber

From: Linda Slabber
Sent: 01 October 2010 10:14
To: Linda Slabber
Subject: Non-technical Executive Summary - Roggeveld Wind Farm Environmental Impact Assessment (EIA)
Attachments: Roggeveld Executive Summary English_28 Sept 10 v1.0.pdf
Bcc: 'abrahamsa@dwa.gov.za'; 'jbreedt@gpnet.net'; 'mjbrown@pgwc.gov.za'; 'ecalldo@telkomsa.net'; 'karoo@lavabit.com'; 'fdconradie@telkomsa.net'; 'fdconradie@telkomsa.net'; 'vivcrone@gmail.com'; 'macroplan@mweb.co.za'; 'rhynog@enviroserv.co.za'; 'ahall@ncpg.gov.za'; 'stefanus@skdm.co.za'; 'manager@skdm.co.za'; 'skdm@internext.co.za'; 'fortuin@hantam.co.za'; 'klipfontein@hantam.co.za'; 'info@namakwa-dm.gov.za'; 'gerdavidh@namakwa-dm.gov.za'; 'Christo.matthee@za.pwc.com'; 'stet.mushwana@transnet.net'; 'karooadmin@telkomsa.net'; 'jprodehl@pawc.wcape.gov.za'; 'dreoudts@pgwc.gov.za'; 'amrhodes@pgwc.gov.za'; 'steenkamp@groenland.co.za'; 'kosie@groenland.co.za'; 'steenkamp@groenland.co.za'; 'streudersk@dwa.gov.za'; 'jaco_ent@vodamail.co.za'; 'kobus@skdm.co.za'; 'skdm@internext.co.za'; 'doctort@mweb.co.za'; 'miner@yoafrica.com'; 'polla@tempowp.co.za'; 'info@rietfonteinreserve.co.za'; 'aj@veasey.co.za'; 'pawilliams@laingsburg.gov.za'

Our Ref: 0117424
DEA Ref: 12/12/20/1988

Dear Stakeholder,

Please find attached the English Non-technical Executive Summary (an Afrikaans version is available and can be provided on request) of the draft Scoping Report for the proposed Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site is located between Matjiesfontein and Sutherland in the Western and Northern Cape.

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Yours sincerely,

Linda Slabber and Claire Alborough

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Tel: +27 21 702 9100
Fax: 086 662 2228
Mobile: +27 84 409 9641
linda.slabber@erm.com
www.erm.com

Linda Slabber

From: Linda Slabber
Sent: 01 October 2010 16:03
To: Linda Slabber
Subject: Non-technical Executive Summary - Roggeveld Wind Farm Draft Scoping Report
Attachments: Roggeveld Executive Summary English_28 Sept 10 v1.0.pdf
Bcc: 'twessels@grand.ncape.gov.za'; 'mabele@ncapeeda.co.za'; 'cfortune@agri.ncape.gov.za'; 'pieter.swart@dme.gov.za'; 'dhvanheerden@vodamail.co.za'

Our Ref: 0117424
DEA Ref: 12/12/20/1988

Dear Stakeholder,

Please find attached the English Non-technical Executive Summary (an Afrikaans version is available and can be provided on request) of the draft Scoping Report for the proposed Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site is located between Matjiesfontein and Sutherland in the Western and Northern Cape.

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Yours sincerely,

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Tel: +27 21 702 9100
Fax: 086 662 2228
Mobile: +27 84 409 9641
linda.slabber@erm.com
www.erm.com

Linda Slabber

From: Linda Slabber
Sent: 01 October 2010 15:58
To: Linda Slabber
Subject: Non-technical Executive Summary - Roggeveld Wind Farm Draft Scoping Report
Attachments: Roggeveld Executive Summary English_28 Sept 10 v1.0.pdf
Bcc: 'info@icasa.org.za'; 'pauld@sanparks.org'; 'dekokkr@nra.co.za'; 'thysh@atns.co.za'; 'dineo.moraile@dme.gov.za'; 'mbongwat@caa.co.za'; 'info@nersa.org.za'; 'mandyl@sanparks.org'; 'nngcaba@deat.gov.za'; 'njezile@deat.gov.za'; 'DNgwenya@icasa.org.za'; 'lsongca@icasa.org.za'; 'mampuru.koma@dme.gov.za'; 'pretoriusk@caa.co.za'; 'StrohL@caa.co.za'; 'saaf7@telkomsa.net'; 'waldtjc@nra.co.za'; 'sam.vukela@dpw.gov.za'; 'marketing@wessa.co.za'; 'advocacy@birdlife.org.za'; 'africansky@yebo.co.za'; 'lblaine@southern-right.com'; 'sharon@wessa.co.za'; 'marketing@wessa.co.za'; 'louis@villiers.co.za'; 'skua@mweb.co.za'; 'mduplessis@wwf.org.za'; 'scharlton@wwf.org.za'; 'se@museumsnc.ac.za'; 'yolanf@ewt.org.za'; 'carelg@atns.co.za'; 'Johan@betafence.co.za'; 'gry_s@mtn.co.za'; 'Doug.Harebottle@uct.ac.za'; 'francis.jackson@windlab.com'; 'doug@adequate-energy.co.za'; 'swjohnston@mweb.co.za'; 'mleslie@sahra.org.za'; 'zini@earthlife.org.za'; 'junaid@djec.co.za'; 'sanjith.mungroo@gdfsuezmeaa.com'; 'devito.nuntius@gmail.com'; 'nic@agrisa.co.za'; 'zaitoon@mweb.co.za'; 'Hendrik.Reyneke@mainstreamrp.com'; 'anneke@agrisa.co.za'; 'stuart.shearer@telkomsa.net'; 'office@afriwea.org'; 'jons@ewt.org.za'; 'malcolms@lantic.net'; 'tristen@earthlife.org.za'; 'joanne@savannahsa.com'; 'agrisa@agriinfo.co.za'; 'charmaine@agrisa.co.za'; 'amsterdam@new.co.za'; 'francois.williams@sake24.com'; 'karoo-Desert-NBG@sanbi.org.za'; 'BarnarJM.BFN.FS_Bloemfontein@eskom.co.za'; 'joostecg@eskom.co.za'; 'henk.landman@eskom.co.za'; 'livhuwani.ndou@transnet.net'; 'segomoco.scheppers@eskom.co.za'

Our Ref: 0117424
DEA Ref: 12/12/20/1988

Dear Stakeholder,

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Yours sincerely,

Linda Slabber and Claire Alborough

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Silverwood House, Block A
Silverwood Close,
Steenberg Office Park

Steenberg, 7945
Cape Town, South Africa
Tel: +27 21 702 9100
Fax: 086 662 2228
Mobile: +27 84 409 9641
linda.slabber@erm.com
www.erm.com

Annex C (vii)

Comments Received

Initial Notification



053 8314534

DEA Ref: 12/12/20/1967
ERM Ref: 0117424



Background Information Document and Invitation to Comment

Northern Cape Site

Rosemary de la Haye
double? if each
copies of site.

How Can You Be Involved?

The Scoping Report will be made available for public comment and will include a Plan of Study for the EIA. The EIA will assess the likely positive and negative impacts of the project. It will include a draft Environmental Management Plan which will describe the plans to be put in place to manage these impacts. The EIA Report (EIR) and EMP will also be made available for public comment before it is submitted to the DEA for decision making.

Your participation and contribution is a key part of the EIA process and it is important that ERM receives your comments. If you register as a stakeholder you will be kept informed throughout the process which will allow you to comment on the Draft Scoping and EIA Reports.

Please post or fax this comment sheet to the address below by 19 August 2010 so that we can take your comments into consideration in the EIA.

Please clearly state the following DEA Reference number on all correspondence: 12/12/20/1967

Please fill in your details

Name: *LOUIS SNYDERS*

Organisation: *WATER AFFAIRS : NC REGION*

Telephone: *053 830 8804*

Position: *REGIONAL HEAD : NC "*

Cell phone: *082 8092306*

Email: *snydersl@dwa.gov.za*

Address: *PRIVATE BAG X6101
KIMBERLEY*

Please send this form to the following address:

Claire Alborough
Environmental Resources Management
Tel: *021 702 9100*
Fax: *021 701 7900*
Email: *claire.alborough@erm.com*
Postal address: Postnet Suite 90, Private Bag X12, Tokai
7966



053 8314534

Richtersveld + Roggeveld PROJECTS

It would be useful if you could answer the questions below but please feel free to provide any comments you would like to raise. Please continue on additional paper if required.

1. What are the primary concerns faced by you/ your community/ your organisation with regards to the proposed wind energy project?

Water requirements
Pollution potential
Water use authorisation process

2. Are you in favour of or against the proposed activity? Please provide a reason for your answer.

In favour of all sustainable renewable energy projects

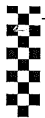
3. Do you have or know of any information that might be relevant to the EIA (e.g. environmental information and community, social or economic information)?

Water availability in Richtersveld.

4. Do you know of any other individual or organisation that you feel would want to register as a stakeholder and receive information. Please provide names and contact information below.

Messrs A. Abrahams : DWA : a.abrahams@doh.gov.za
K. Stender : DWA : stender@ " " "

Thank you for your participation



Verwysings nommer 12/12/20/1988

Posbus 292
Bonnievale
6730

Me Claire Alborough

In sake Toegangsroete oor Volstruisfontein.

1. Ek is positief oor die beoogde Roggeveld Windplaas en wens julle voorspoed toe.
2. Ek het telefonies met Christo oor toegangsroetes gepraat waarna Christo gesê het hy sal later soos die projek vorder met my kontak.
3. Rede vir bekommernis oor moontlike toegangsroetes vanaf die Suidekant is:
 - a) Ek is 'n bona fide boer en het die plaas gekoop wat se eie geld moet genereer.
 - b) Ek het honderde duisende rande spandeer aan infrastruktuur soos store, boorgate, pyplyne en besproeiings toerusting.
 - c) Ek boer met bastersaad en maak dus gebruik van natuurlike bestuiwing deur goggas en bye wat gehuur word. My bekommernis is dat te veel stof bestuiwing beïnvloed en peste soos roospinmeid ens. bevoordeel – roospinmeid moet chemise behandel word. Die chemise stawwe verdryf die bye en geen bestuiwing vind plaas nie – dus geen oes.
4. Ek hoop ons kan later in gesprek tree en oplossings vind vir bogenoemde.

Die uwe,

.....
J. H. Kriel

* * * Communication Failure Report (20. Aug. 2010 18:45) * * *

1) ERM SOUTH AFRICA
2) SILVERWOOD CLOSE, WESTLAKE

Date/Time: 20. Aug. 2010 18:18

File No.	Mode	Destination	Pg (s)	Result	Page Not Sent
0750	Forwarding	megan	P. 1	E-1) 2) 1) 1) 1)	P. 1

Reason for error
 E. 1) Hang up or line fail
 E. 2) Busy
 E. 3) No answer
 E. 4) No facsimile connection
 E. 5) Exceeded max. E-mail size

6-JAN-2006 14:41 FROM:L.KRIEL 02361E2462 TO:0217017909 P.1

Verwysings nommer 12/12/20/1988

Posbus 292
Bonnievale
6730

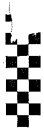
Me Claire Alborough

In sake Toegangsroete oor Vostruisfontein

1. Ek is positief oor die beoogde Roggeveld Windplaas en wens Julie voorspoed toe.
2. Ek het telefonies met Christo oor toegangsroetes gepraat waarna Christo gesê het hy sal later soos die projek vorder met my kontak.
3. Rede vir bekommernis oor maontlike toegangsroetes vanaf die Suidekant is:
 - a) Ek is 'n bona fide boer en het die plaas gekoop wat se eie geld moet genereer.
 - b) Ek het honderde duisende rande spandeer aan infrastruktuur soos store, boorgate, pyplyne en besproeiings toerusting.
 - c) Ek boer met bastersaad en maak dus gebruik van natuurlike bestuwing deur goggas en bye wat gehuur word. My bekommernis is dat te veel stof bestuwing betinvloed en peste soos roetspinnekid eris, bovoortjoei – roetspinnekid moet chemiese behandel word. Die chemiese stowwe verdryf die bye en geen bestuwing vind plaas nie – dus geen oes.
4. Ek hoop ons kan later in gesprek tree en oplossings vind vir bogenoemde.

Die uwe,


 J.F. Kriel



Agtergrond Inligtingsdokument en Uitnodiging vir Kommentaar

So Kantly Betrokke Raak

Die Omvingsbepalingverslag sal vir die publiek beskikbaar gestel word vir kommentaar en sal in studieplan vir die OEB insluit. Die OEB sal die waarskynlike positiewe en negatiewe impakte van die projek asook die OEB se konsep-omgewingsbeheerplan (OBP) insluit wat die planne, wat in plek gestel word om die impakte te beheer, sal beskryf. Die OEB verslag en OBP sal ook vir die publiek beskikbaar gestel word vir kommentaar voordat dit aan die Nasionale DOS voorgelê word.

U deelname en hydra is in belangrike deel van die OEB proses en dit is belangrik dat ERM u kommentaar/insigte kry. As u as belanghebbende voel, en u regdeur die proses op hoogte van die OEB gehou word, wat u sal toelaat om kommentaar te lewer op die Omvingsbepalingverslag en OBP verla.

As of faks asseblief die kommentaar vorm na die onderstaande adres teen die 20 Augustus 2010 of elektronies u kommentaar/insigte kan neem in die OEB.

Dit asseblief die volgende DOS verwysingsnommer duidelik aan vir die kommentaar: 12/12/2010/1988

Vul asseblief u besonderhede in

Naam: J. H. J. Steenkamp
 Telefoon: 021 903 8203
 021 903 4069
 Selfoon: 082 573 9223
 Adres: Groenland, Posbus 4
 Kuilsrivier 7579

Organisasie: Boerdery
 Posisie: Eienaar
 E-pos: steenkamp@groenland.co.za

Stuur asseblief die vorm na die volgende adres:

Claire Alborough
 Environmental Resources Management
 Tel: 021 702 9100
 Faks: 021 701 7900
 E-pos: claire.alborough@erm.com
 Adres: Postnet Suite 90, Privaatsak X12, Tokai 7966



Dit sal nuttig wees as u die onderstaande vrae kan beantwoord, maar voel asseblief vry om enige kommentaar wat u wil lewer, te gee. Gaan asseblief voort op addisionele papier indien nodig.

1. Wat is die primêre aangeleenthede wat u/ u gemeenskap/u organisasie in die gesig staar met betrekking tot die voorgestelde sonenergie projek?

Die val die omgewing in 'n vrekere
mate ontvier, maar dit ongelukkig
en vermydelik.

2. Is u ten gunste van of teen die voorgestelde projek? Gee asseblief 'n rede vir u antwoord.

Ten gunste van die projek.

3. Het u of weet u van enige inligting wat dalk relevant mag wees vir die OIR (bv omgewingsinligting, sosiale of ekonomiese inligting)?

Neer.

4. Weet u van enige individu of organisasie wat u voel sal as 'n belanghebbende wil registreer en inligting ontvang? Gee asseblief name en kontakbesonderhede hieronder.

EK wil arb as 'n belanghebbende registreer

J.H.J. Steenkamp
Groentland
Palmer H
Kultuurvier 7579

(eienaar ook van plaas
EKKraal 199 te Sutherland)

021 903 4069
08 573 9223

steenkamp@groentland.co.za

Dankie vir u deelname



SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaalbosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries **Alana Duffell-Canham**
telephone +27 21 866 8000 fax +27 21 866 1523
email aduffell-canham@capenature.co.za
reference SSD14/2/6/1/5/2/WIndEF_Roggeveld_WC&NC
date 13 August 2010

Claire Alborough
Environmental Resources Management (ERM)

By email: Claire.alborough@erm.com

Dear Ms. Alborough

RE: Proposed development of Roggeveld Wind Farm – Background Information Document.
DEA Ref: 12/12/20/1988

CapeNature would like to thank you for the opportunity to comment on this proposed activity and wish to make the following comments:

1. The site is covered mostly by Central Mountain Shale Renosterveld with Koedoeberge-Moordenaars Karoo vegetation being found in the southern part of the site. Both of these vegetation types are considered to be Least Threatened on a national basis. However, much of the site has been determined as Critical Biodiversity Area (CBA) and this needs to be taken into consideration.
2. CapeNature does not support transformation or loss or loss of endangered or critically endangered vegetation or CBAs. Construction of wind turbines should occur within areas which have already been transformed.
3. Detailed botanical and avifaunal specialist studies must be provided during the next stages of the EIA.

We may provide more detailed comment once reports and specialist studies have been provided.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

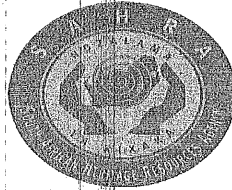
Yours sincerely

A handwritten signature in black ink, appearing to read "Alana Duffell-Canham".

Alana Duffell-Canham
For: Manager (Scientific Services)

The Western Cape Nature Conservation Board trades as **CapeNature**

Board Members: Prof Aubrey Redlinghuls (Chairperson), Dr Colin Johnson (Vice Chairperson), Mr David Frandsen, Dr Edmund February, Mr Elton Jethas, Ms Francina du Bruyn, Mr Hoosain Kagee, Mr Johan van der Merwe, Adv. Mandla Mdludlu, Mr Mark Botha, Ms Nomtha Dilima, Prof Sulaiman Gool



**SOUTH AFRICAN HERITAGE
RESOURCES AGENCY**

111 HARRINGTON STREET, CAPE TOWN, 8000
PO BOX 4637, CAPE TOWN, 8000
TEL: (021) 462 4602 FAX: (021) 462 4609

DATE: 18 August 2010
ENQUIRIES: Mariagrazia Galimberti
Archaeology, Palaeontology, and Meteorite Unit
E-mail: mgalimberti@sahra.org.za
Web site: www.sahra.org.za

ERM REF: 0117424
DEA REF: 12/12/20/1988
OUR REF: 9/2/091/0004

Ms Claire Alborough
Environmental Resources Management
Postnet Suite 90
Private Bag X12
Tokai
7966

Dear Ms Alborough

**BID and INVITATION TO COMMENT: PROPOSED DEVELOPMENT OF
ROGGEVELD WIND FARM**

Thank you for your indication that development is taking place in this area.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage

components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

In your application received by SAHRA there was no indication of an assessment of the archaeological resources. The quickest process to follow for the archaeological component is to contract an accredited specialist to provide a Phase 1 Archaeological Impact Assessment Report. This must be done before any large development takes place.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Palaeontological Desk Top study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary.

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Yours sincerely



PP Mrs Nonofho Ndobochani
SAHRA: Archaeology, Palaeontology and Meteorite Unit
For: CHIEF EXECUTIVE OFFICER

Copy: PHRA Northern Cape Office

Scoping Notification



SOUTH AFRICAN HERITAGE RESOURCES AGENCY

111 HARRINGTON STREET, CAPE TOWN, 8000
PO BOX 4637, CAPE TOWN, 8000
TEL: (021) 462 4502 FAX: (021) 462 4509

DATE: 15 November 2010
ENQUIRIES: Mariagrazia Galimberti
Archaeology, Palaeontology and Meteorite Unit
E-mail: mgalimberti@sahra.org.za
Web site: www.sahra.org.za

ERM REF: 0117424
DEA REF: 12/12/20/1988
OUR REF: 9/2/091/0004

Ms Claire Alborough
Environmental Resources Management
Postnet Suite 90
Private Bag X12
Tokai
7966

Dear Ms Alborough

DRAFT SCOPING REPORT: PROPOSED ROGGEVELD WIND FARM, NORTHERN CAPE

Thank you for your indication that development is taking place in this area.

From the Draft Scoping Report it is understood that a Heritage Impact Assessment will be compiled and sent to SAHRA. We thank you for your co-operation in this regard and we are looking forward to receiving the Impact Assessment.

Please note that the palaeontological component of a Heritage Impact Assessment needs to be compiled by a professional palaeontologist. For this reason, please find attached a list of palaeontologists who might help in carrying out a Palaeontological Impact Assessment.

At last, we would be grateful if you could update the list of your stakeholders by substituting Mrs Mary Leslie' name with Mrs Nonofho Ndobochani's, as Mrs Leslie retired and Mrs Ndobochani is the new SAHRA APM Unit Manager. Moreover, please note that amongst the stakeholders you should also include the Heritage Northern Cape Office as they are currently in charge of other aspects of the heritage in the Northern Cape except for archaeology and palaeontology. Please find here their contact details: Mr Andrew Hall, senior manager, ahall@ncpg.gov.za and Mr Joas Sinthumule, jsinthumule@ncpg.gov.za.

Many thanks for your co-operation
Yours sincerely



PP Mrs Nonofho Ndobochani
SAHRA: Archaeology, Palaeontology and Meteorite Unit
For: CHIEF EXECUTIVE OFFICER

Copy: PHRA **Northern Cape** Office



DEPARTMENT OF
ENVIRONMENT AND NATURE CONSERVATION

ISEBE LEZENDALO
NOLONDOLOZO

LEFAPHA LA TIKOLOGO
LE TSHOMARELO YA TLHAGO

DEPARTEMENT VAN
OMGEWING EN NATUUR BEWARING

90 Long Street
Sasko Building
Private Bag X6102
KIMBERLEY
8300

90 Long Street
Sasko Building
Inqowa yeposi X6102
KIMBERLEY
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KIMBERLEY
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Long Street 90
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KIMBERLEY
8300

Tel: (053) 807 7430

Fax: (053) 831 3530

Enquiries : Lucille Karsten
Dipatlisiso :
Navrae :
Imibuzo :

Reference : NC/NAT/EIA/NAM/ROG1/2010
Tshupelo :
Verwysing :
Isalathiso :

Date :
Letiha : 22nd October 2010
Datum :
Umhla :

Claire Alborough

Environmental Resources Management

Postnet Suite 90

Private Bag X12

Tokai

7966

Fax: 021- 701 7900

Dear Madam

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: PROPOSED ROGGEVELD WIND FARM, BETWEEN MATJIESFONTEIN AND SUTHERLAND, NAMAKWA DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE

We confirm having received the application forms of the abovementioned application for environmental authorization.

The application has been assigned the reference number NC/NAT/EIA/ROG1/2010. Kindly quote this reference number in any future correspondence in respect of the application. Please be advised that the application form has been accepted by the Department.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorization being granted by the Department.

Yours faithfully

AT Makaudi

EIA Administrator: Impact Management

Claire Alborough

From: Linda Slabber
Sent: 08 October 2010 03:36 PM
To: Claire Alborough
Subject: FW: Non-technical Executive Summary - Roggeveld Wind Farm Environmental Impact Assessment (EIA)

-----Original Message-----

From: JSinthumule [mailto:jsinthumule@ncpg.gov.za]
Sent: 08 October 2010 15:24
To: Linda Slabber
Subject: Non-technical Executive Summary - Roggeveld Wind Farm Environmental Impact Assessment (EIA)

Dear Linda

The Permit Committee of Heritage Northern Cape looked at the above-mentioned report during the recently held meeting. The Committee wish to see the heritage impact assessment study done by the relevant specialist in future. Since we are not yet capable to comment on archeological matters, the report should be submitted SAHRA Head Office for comments.

Should you need further assistance do not hesitate to contact our office.

Yours faithfully.

M J Sinthumule
Assistant Manager: Heritage Resources
(053) 807 4793

AIR COMD/DAS/R/319/5/7

Telephone: 012 312 2304
Fax: 012 312 2291
Enquiries: Lieutenant Colonel
S.J. Nel



Air Command
(Directorate Aviation Safety)
Private Bag X199
Pretoria
0001
06 September 2010

Ms Claire Alborough
Environmental Resource Management
Postnet Suite 90
Private Bag X12
Tokai
7966

Tel: 021 702 9100
Fax: 021 701 7900

Dear Madam

SA AIR FORCE COMMENTS FOR THE PROPOSED DEVELOPMENT OF ROGGEVELD WIND FARM: DEA REF: 12/12/20/1988

1. Directorate Aviation Safety reviewed the Background Information Document and Invitation to Comment (ERM Ref: 0117424) for the proposed development of the Roggeveld Wind Farm in the Western and Northern Cape Province.
2. The SA Air Force has no objection to the establishment of the proposed wind farm, as the proposed development is not in close proximity to any Air Force facilities or airspace and should not impact on Air Force flying activities.
3. The developer must however obtain prior approval from SA Civil Aviation Authority (SACAA) before erecting any structure that may constitute an obstruction or potential hazard to aircraft.
4. For any further information do not hesitate to contact me.

Yours Sincerely

PP (LIEUTENANT COLONEL S.J. NEL)
GENERAL OFFICER COMMANDING AIR COMMAND: MAJOR GENERAL

SJN/SJN

Claire Alborough

From: Sekena Masoet
Sent: 27 October 2010 01:47 PM
To: Katherine Degenaar; Kerryn McKune Desai; Claire Alborough
Cc: Stuart Heather-Clark
Subject: FW: Non-technical Executive Summary - Roggeveld Wind Farm Environmental Impact Assessment (EIA)
Attachments: header.htm

Hi All,

Please find below correspondence from Viv Crone of Grootwater Private Nature Reserve.

Regards,
Sekena

Sekena Masoet
Researcher

ERM Southern Africa
Silverwood House, Block A
Steenberg Office Park, Silverwood Close
Steenberg, 7945, Cape Town, South Africa

Tel: +27 (0) 21 702 9100
Fax: +27 (0) 21 701 7900
Cell: +27 (0) 83 3268750

sekena.masoet@erm.com
www.erm.com

- Best Consultancy for Due Diligence; Environmental Impact Assessments & Strategic Environmental Assessments; Climate Change and Renewables; Contaminated Land; Corporate Social Responsibility – EDIE 2008
- Acquisitions Monthly 'Environmental Advisor of the Year' 2005, 2006, 2008 & 2009

From: ViV Crone [mailto:vivcrone@gmail.com]
Sent: 27 October 2010 01:39 PM
To: Sekena Masoet
Cc: Alan Veasey
Subject: Re: Non-technical Executive Summary - Roggeveld Wind Farm Environmental Impact Assessment (EIA)

Dear Sekena,

Unfortunately it appears that Grootwater will not be directly represented at this afternoon's meeting. However our neighbour, Mr. Alan Veasey of Rietfontain Private Nature Reserve, has agreed to raise some issues on our behalf.

I have copied some issues raised by Grootwater below for your convenience:

The following is a brief description of the objections raised by Grootwater Private Nature Reserve. We reserve our right to make additional comments and questions before the comment period closes during November.

Our objections centre around 2 areas; impact on the micro-climate of the area and financial viability of the project as related to the long-term environmental impact on the area.

Affect on area Micro Climate:

The area around Matjiesfontein and indeed in the whole Klein Karoo area is best described as sensitive and fragile. Due to the structure of the land, Grootwater has a number of biomes, including those mentioned in the Draft Scoping Report. What is obvious to any person familiar with this area is the sensitivity of the environment to seemingly small variations. For example, the vegetation in areas where there are debris fields of white quartz (quartz field), is significantly different to other areas. This is due to the reduction in temperature ($\pm 1^{\circ}\text{C}$) due to the increased reflectivity of the area. This evidences the effect of seemingly small variations in temperature on the predominant flora. Further, the typical annual rainfall ($\pm 250\text{mm}$) in the area is about 1/10 of the annual evaporation ($\pm 2.5\text{m}$). Grootwater averages slightly more rainfall than other areas as it lies across the dividing line between Winter and Summer rainfall areas. Small changes in the annual rainfall have been seen to significantly affect the annual vegetation (e.g. wild flowers). Although some reference is made to the dust during construction, we believe that there will be a more serious long-term effect due to wide scale disturbance of the surface of the area. It is apparent on close examination of the veld that the surface is held together by a fine structure that binds the sand grains together and minimises soil loss due to wind and runoff. Disturbing this surface 'skin' allows the soil to blow away, resulting in erosion and loss of the flora supporting environment.

1. What will the affect of the Witberg wind farm be on the annual rainfall on the Grootwater Nature Reserve?
2. What will the affect of the Witberg wind farm be on the average temperature across the Grootwater Nature Reserve?
3. What will the effect of enhanced soil erosion be on the directly impacted area and the surrounding areas of the wind farm?
4. How will this be exacerbated by the additional air turbulence created by the wind farm?

Financial Viability and Environmental impact:

No reference is made to the financial viability of the project in the Draft Scoping Report.

There are credible sources of information that claim that energy generated by wind power is significantly more expensive than other methods such as nuclear and hydro energy. It is not clear to us that the area under consideration has sufficient wind to make this project economically viable.

There are several references to options that are being considered as far as the project implementation is concerned. For example, the electrical interconnections between turbines have the option of being above or below ground. Anyone familiar with the area will quickly come to the conclusion that the above ground connection will be easier and cheaper than buried cables due to the rocky areas, hard soil, etc.

However the visual impact of above ground connections will be significantly greater than buried cables.

Mention is also made of an interconnecting network of roads between turbines. These roads will have to be carefully maintained to minimise local and sheet erosion of the surrounding areas. In addition, as examination of any of the local roads in the area will show, there are significant effects on the areas some distance from the actual roadway.

One can surmise therefore that the environment will be severely negatively affected by the construction and operation of the wind farm in the direct area of the project and that there will be significant maintenance costs during the operation of the project.

Statements are also made in the scoping report that the equipment will be removed at the end of life of the project and the area restored.

5. Assuming that the project goes ahead, what allowances have been made in the business plan for continued maintenance of the ENVIRONMENT during the operation of the project?
6. Will SUFFICIENT funds be set aside on an ongoing basis to properly restore the area at the end of the project?
7. What guarantees are there to support this? (Note that the whole Acid Mine Drainage debacle in the Witwatersrand is due to inadequate planning at the beginning of the mine planning. Now we sit with a huge problem with the players pointing fingers at each other and hoping that this problem will just go away!!!).
8. What is the probability that we will be left with an array of unmaintained, broken down turbines in the future because the project failed financially?

Regards,

Viv Crone
Grootwater Private Nature Reserve

On 25 October 2010 16:04, Sekena Masoet <Sekena.Masoet@erm.com> wrote:

Our Ref: 0117424

DEA Ref: 12/12/20/1988

Dear Stakeholder,

Please find attached the English Non-technical Executive Summary (an Afrikaans version is available and can be provided on request) of the draft Scoping Report for the proposed Roggeveld Wind Farm Environmental Impact Assessment (EIA). The proposed Wind Farm site is located between Matjiesfontein and Sutherland in the Western and Northern Cape.

The full draft Scoping Report is available for public comment on the project website (http://www.erm.com/G7_Renewable_Energies) and in Sutherland and Laingsburg Public Libraries. All comments on this draft Scoping Report must be submitted to ERM by 12th November 2010.

Please note that an open exhibition and public meeting will be held in the Laingsburg Flood Museum Auditorium on 27th October 2010 to provide the public with further information and gather issues and concerns about the proposed project. The open exhibition will be open from 3:30 pm – 5 pm and the public meeting will take place from 5 pm – 6 pm.

Please feel free to distribute this document to any others you feel may be interested or affected by the proposed project. Do not hesitate to contact us should you have any queries or if you would like to comment on the draft Scoping Report.

Please note that as the project will generate electricity from a renewable resource and displace coal-fired electricity on the national electricity grid, it will result in reduced greenhouse gas emissions. The project developers will be applying for carbon credits under the Clean Development Mechanism of the Kyoto Protocol and the revenue from the carbon credits will assist in offsetting a portion of the costs associated with generating renewable energy and in securing project finance.

Yours sincerely,

Linda Slabber and Claire Alborough

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Please visit ERM's web site: <http://www.erm.com>

--

Viv Crone
Pr. Eng., FSAIEE

Mobile: +27 83 625-3988

SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries **Alana Duffell-Canham**
telephone +27 21 866 8000 **fax** +27 21 866 1523
email aduffell-canham@capenature.co.za
reference **SSD14/2/6/1/5/2/WindEF_Roggeveld_WC&NC**
date **28 October 2010**

Claire Alborough
Environmental Resources Management (ERM)

By email: Claire.alborough@erm.com

Dear Ms. Alborough

RE: Proposed development of Roggeveld Wind Farm – Draft Scoping Report.

DEA Ref: 12/12/20/1988

CapeNature would like to thank you for the opportunity to comment on this proposed activity and wish to make the following comments:

1. The site is covered mostly by Central Mountain Shale Renosterveld with Koedoeberge-Moordenaars Karoo vegetation being found in the southern part of the site. The site occurs within the Hantam-Roggeveld Centre of Floristic Endemism which contains a high number of endemic plant species and is considered to have high conservation value. The site also contains many wetlands and drainage channels and can be considered to potentially have high conservation importance from a freshwater perspective. The biodiversity plan for the Central Karoo District Municipality (Skowno et al., 2009), depicts most of the site as having Critical Biodiversity Area (CBA) status. Turbines and associated infrastructure (including roads, powerlines, substations etc) should ideally not be located within sensitive vegetation or CBAs.
2. The EIA report must consider alternatives – these could be alternative turbine locations and/or number of turbines as well as different locations of the associated infrastructure.
3. The specialist studies should determine no-go areas for turbines and infrastructure. Specialist input should inform a final proposed layout which must be provided in the EIR. The applicant and consultants must demonstrate how all recommendations and mitigation measures proposed by the specialists have been taken into consideration. Where impacts are considered to be unavoidable, this should be clearly stated and motivated.
4. Suitable locations for borrow pits and cement batching must also be identified.
5. Desktop studies for vegetation avifauna and fauna (including bats) are not adequate at the EIA stage. The footprint of every turbine and all associated infrastructure and the surrounding area must undergo ground-truthing. Avifaunal and faunal surveys should be conducted on site across several seasons (pre-authorisation and not just

preconstruction) to adequately determine the birds and animals that are using the site and the important and sensitive habitats. It has already been noted that the site contains suitable habitat for foraging birds and bats.

6. Power lines have impacts on fauna and avifauna other than the risk of collision and electrocution. Pylons and lines provide nesting and perching sites for raptors therefore increasing the risk of predation to small animals including the endangered riverine rabbit (*Bunolagus monticularis*) which may be found on the site. These impacts should be assessed.
7. The effects of noise on fauna (domestic and wild) should be assessed in addition to the impacts on human receptors.
8. We would like to note that cumulative impacts are of high concern as there are several wind energy facility applications in this area.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Alana Duffell-Canham', with a long, sweeping flourish extending to the right.

Alana Duffell-Canham
For: Manager (Scientific Services)

Annex C (viii)

Meeting Minutes and Presentation

Environmental Resource Management (ERM) in their role as the independent environmental assessment practitioner (EAP) arranged a public meeting for the proposed G7 wind farms outside Laingsburg. The proposed wind farms consists of approximately 250 wind turbines on the Roggeveld site and 60 wind farms on the Witberg site. The meeting consisted of an 'open house' event where stakeholders were invited to a poster presentation prior to the public meeting. The objective of the meeting was to introduce the proposed project as part of the Scoping phase activities of the Environmental Impact Assessment (EIA). The meeting was an opportunity for stakeholders to raise their concerns and identify opportunities that may stem from the proposed projects. The meeting also served as an opportunity for stakeholders to identify additional specialist studies for the EIA phase of the projects. It should be noted that the Witberg and Roggeveld wind farms are two different projects, both at the scoping phase of the respective EIA processes. The public meeting was therefore a joint meeting for the Roggeveld and Witberg Scoping phase.

Muller Coetzee (MC) from ERM facilitated the meeting introduced the rest of the project team which included the following members:

- Christo Tesselaar- Project Proponent(G7);
- Killian Hagamann- Landowner liaison Officer (G7);
- Katherine Degenaar - EIA Project Management (ERM);
- Kerryn Mckune-Desai - Social Impact Assessment Specialist (ERM);
- Mariam January - Project Assistant (ERM) and
- Jocelyn Andrews - Clean Development Movement.

Muller Coetzee confirmed the language preference of the meeting and by way of introduction went through the draft agenda. This document serves as the meeting record and is structured according to the draft agenda of the meeting. It should be noted that meeting record only serves to provide a summary of the issues raised and not as detailed minutes of the meeting.

G7 AND THE PROPOSED PROJECTS

Killian Hagamann from G7 provided input on information on G7 in general and detailed descriptions of the proposed wind farms by means of a presentation. Stakeholders were reminded that the proposed Roggeveld and Witberg wind farms were separate projects.

Stakeholders were informed that G7 was founded in 2008 and currently has seven full-time employees and that G7 was partnering with a German Utility (approximately a third of the size of Eskom). KH noted the various activities of G7 which included site identification, lease negotiations with land owners, undertaking wind measurement prior to construction and to prepare the project up to the construction phase.

Stakeholders were informed that the project would benefit the people and the environment. The benefits that were noted included:

- Job creation;
- Participation in local development;
- No carbon emissions;
- Grid stabilisation; and
- Prioritisation of the area, because of the inputs into the grid.

Below is a summary of the details of both of the proposed wind farms.

1.2.1

Roggeveld

The Roggeveld site is situated approximately 30km north of Matjiesfontein and 45km south of Sutherland. The site straddles the Northern Cape and Western Cape Provinces. The proposed wind farm will consist of 250 turbines which can generate up to 750MW. The proposed wind farm will have a capacity to generate up to 2600 GWh of electricity, which translate into electricity for 295 000 households per annum.

Additional infrastructure required would include, amongst others, the construction of access roads as well infrastructure relating to the grid connection. Approximately 100km of access roads would need to be constructed. These access roads were envisaged to be gravel roads up to six metres wide.

A foundation would need to be constructed for each wind turbine installed on site. This would require excavation for up to 250 turbines. The foundation would be made from reinforced concrete. Should the turbines be decommissioned after 20 years (life-span of the turbines) the sites will be rehabilitated.

Stakeholders were informed that the project would result in temporary and long term jobs. The construction phase would take 12 to 24 months which would include road works, site preparation, rigging, construction and rehabilitation.

Construction would occur in a phased approach. KH noted that it was envisaged that Phase One will consist of 200MW. This phase would also result in indirect jobs in the accommodation and catering sectors. Stakeholders were informed that unskilled labour would also be required. It is expected that the construction phase would create 200 jobs construction phase jobs.

The operational phase would require that regular maintenance be conducted over the 20 year life-span of the turbines. It was envisaged that the operational phase would create 120 jobs. The type of jobs that would be required to undertake maintenance included the following professionals:

- Technician and apprentice;
- High voltage electrician;

- High voltage operator and apprentices;
- Road maintenance; and
- Equipment maintenance (vehicles)

Stakeholders were also informed that an additional 80 jobs would be created throughout the project lifecycle for activities such as road maintenance, rehabilitation of vegetation.

In terms of rehabilitation of the site; it was envisaged that the scrap value of the metal when the turbines are decommissioned, would be sufficient to pay for rehabilitation. KH noted that it was believed that the roads could be rehabilitated and the foundations could be broken down and be rehabilitated.

The timeframes that were pertinent to the Roggeveld site are as follows:

- Twelve (12) months for wind measurements at hub height;
- Environmental Impact Assessment (EIA);
- Grid study;
- Engineering, planning and logistics;
- Licence and power purchase agreement (PPA)
 - The Department of Energy will tender out wind generation licences.
- Tendering process;
- Financial closure; and
- Civil engineering and installation (12-24 months)

1.2.2

Witberg

KH provided a brief summary of the Witberg site as much of the process of constructing wind turbines were the same as those report for the Roggeveld site. The Witberg site is located approximately 4km west of Matjiesfontein and south from the N1. Up to sixty turbines would be erected on to the site, which will generate up to 180MW. This would translate in to 630 GWh, enough electricity for 70 000 households per annum.

The layout presented showed that the proposed wind farm would be erected parallel to the N1. KH noted that the remainder of Elandskraal as shown in background information documents (BID) does not form part of the project. Thus the site map shown in the BID is incorrect.

Approximately 60km of access roads would be constructed. It was envisaged that these access roads would be gravel roads approximately six metres wide. Up to sixty foundations would be constructed in the same fashion as explained for the Roggeveld site above.

The construction phase would take between 12 and 18 months. It was expected that 100 construction jobs would be created. The operational phase was expected to create 60 permanent jobs and another 40 additional jobs would be created in industries that will be indirectly affected by the proposed development.

As with the Roggeveld site, the Witberg site may be decommissioned after 20 years. Stakeholders were informed that it is expected that the value of the scrap metal will be sufficient to pay for the rehabilitation of the site. As part of

the decommissioning phase the foundations would be dismantled and be rehabilitated.

1.3 *CLEAN DEVELOPMENT MOVEMENT (CDM)*

Jocelyn Andrews from the Clean Development Movement (CDM) gave a brief introduction and presentation of the CDM and how the proposed project would stand to benefit from the CDM.

The proposed project is a clean energy project and can therefore apply to the CDM for carbon credits. The CDM is a system set up for applying for carbon credits, which can be sold to the developed world.

It is expected that the sale from the carbon credits can offset some of the costs of installation.

A number of questions related to the CDM were asked. These questions are captured below in Table 1.

1.4 *ENVIRONMENTAL IMPACT ASSESSMENT PROCESS*

Further to Muller Coetzee's introduction, Katherine Degenaar (KD) asserted ERM's independence as the appointed environmental assessment practitioners and that ERM's payment is not related to the authorisation.

She also reiterated that the two projects are separate and that despite a joint public meeting, the one project would not affect the other. The proposed development triggered several listed activities of which the primary trigger was the generation of electricity. An EIA was therefore required in terms of the National Environmental Management Act (107 of 1998).

Stakeholders were informed that both proposed projects were in the Scoping phase of the EIA process and that the process so far entailed:

- An application to the DEA;
- Advertisements in the local newspaper;
- Erection of site notices; and
- Distribution of a background information document to stakeholders.

KD noted that the next steps in the scoping phase would entail drafting a scoping report that would encompass all information gathered, identification of specialist studies required for the EIA as well as a plan of study for the EIA. This scoping report would be made available to the public for comment. Subject to the comment period the draft scoping report would be finalised and be submitted for review by the authorities.

KD noted some of the preliminary opportunities as a result of the project that have been identified, these include:

- Cleaner energy;
- Electricity grid stabilisation;
- Macro-economic benefits such as rates and taxes;
- Local economic developments;
- Job creation (direct and indirect); and
- Local and national procurement.

Some of the potential issues that were identified included:

- Noise;
- Generation of dust during construction;
- Construction related traffic;
- Waste production;
- Loss of agricultural land;
- Damage or loss to cultural landscape;
- Visual impact (in light of proposed night-time shy observation);
- Impact on the flora and fauna (esp. birds and bats);
- Change to the hydrology, soil and micro-climate
- Increase in social ills;
- Influx of job seekers;
- Health and safety impacts; and
- Electromagnetic impacts.

Stakeholders were informed of the specialist studies identified that would be required for the EIA. The included:

- Noise impact study;
- Archaeological/palaeontology and cultural heritage study;
- Vegetation study;
- Social study;
- Bird specialist study and
- Bat specialist study.

Stakeholders were informed of the process going forward and that the immediate activity would be the compilation of comments and questions raised. KD noted that the comment period would close on 12 November 2010 and that stakeholders were invited to submit further comments to ERM to be included in the final scoping report. Stakeholders were also informed that they will be informed of the record of decision once the Department of Environmental Affairs (DEA) has decided whether or not to approve the project. Stakeholders were informed of their right to appeal against the decision of the DEA and that they had 10 days to submit an 'notice of intent' of appeal and 30 days to submit an appeal to the DEA.

KD reiterated that no decisions had been made and the EIA process was still in the early stages. Furthermore, although the DEA is the decision making authority there are a number of other legislation that is also applicable such as the National Water Act and the Heritage Act.

1.5

OPEN DISCUSSION

Stakeholders were given further opportunity to discuss the content of the presentations presented. Muller Coetzee facilitated the session and presented comments that had already been captured in the open-house session prior to the meeting.

The comments, issues raised and responses are captured in Table 1.1 below. These comments will form part of the draft Scoping Report where it will be incorporated and considered.

Table 1

Comments and Issues Raised by Stakeholders

Comment	Date and Form of Comment	Response
What is the impact on the ecosystem ?	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
What will be the impact on the tranquillity of the Karoo?	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
Tourism: <ul style="list-style-type: none"> • Laingsburg needs added attractions; • Presently commuter based 	27 October 2010 - Scoping Phase Public Meeting	Noted
Own attraction : "Field of waving arms"	27 October 2010 - Scoping Phase Public Meeting	Noted
Wind turbines could be a possible driver distraction .	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
How will the development affect the introduction of electric cars and trains ? (DoT)	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
The development could be a work opportunity for Boland College Students.	27 October 2010 - Scoping Phase Public Meeting	Noted.
What will the impact on be on the micro-climate (temperature, wind, rainfall/climate)?	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
Concern about the visual impact with respect to Witberg (Table Mountain).	27 October 2010 - Scoping Phase Public Meeting	Noted.
Concern about further loss of Karoo vegetation as a result of the construction of roads etc. Only two percent of this type of Karoo vegetation is conserved.	27 October 2010 - Scoping Phase Public Meeting	Noted.
There are various farms along Waterberg (Private nature reserves/ cottages). Concern about the impact on these properties .	27 October 2010 - Scoping Phase Public Meeting	Noted.
Property owner in area strongly support development between Laingsburg and Matjiesfontein. It is prettier than the Telkom towers and power lines.	27 October 2010 - Scoping Phase Public Meeting	Noted.

Comment	Date and Form of Comment	Response
The wind is plentiful, why should it not be used? What about the possibility of combining it with Solar Energy?	27 October 2010 - Scoping Phase Public Meeting	Noted.
The majority of the Laingsburg community is dependent on state grants; there is a need for jobs.	27 October 2010 - Scoping Phase Public Meeting	Noted.
There must be equally good sites elsewhere that are less visible than Witberg.	27 October 2010 - Scoping Phase Public Meeting	Noted.
There is already some work investigative work carried out on Tweedside. Farmers are not allowed to make jeep tracks without a permit.	27 October 2010 - Scoping Phase Public Meeting	Noted.
There is nothing in it for us, yet the development impacts on us. The benefits should be spread as only the few farmers that let their property benefit.	27 October 2010 - Scoping Phase Public Meeting	Noted.
What will the impact be on property values?	27 October 2010 - Scoping Phase Public Meeting	Still to be considered in the draft scoping report.
The development is a thing for the future; if it is not here then it will be next door. Adjacent/affected landowners support the development.	27 October 2010 - Scoping Phase Public Meeting	Noted.
Local people (those making a living out of the area) should decide on what happens to the percentage of income earmarked for local development. This could include addressing local social ills or the re-activation of farm school.	27 October 2010 - Scoping Phase Public Meeting	Noted.
There should be a risk reduction management plan. In the event of a flood.	27 October 2010 - Scoping Phase Public Meeting	Such a mitigation plan will have to site specific as the mitigation measures will depend on where the turbines are located.
Concern about the width of the proposed roads. Suggestion to make it 4m wide and make provision for turning that is 6m wide.	27 October 2010 - Scoping Phase Public Meeting	The construction vehicles that would be used to transport the parts of the turbine would need roads that are 6m wide.

Comment	Date and Form of Comment	Response
Why are the G7 turbines located on the ridges and not in the valleys?	27 October 2010 - Scoping Phase Public Meeting	Wind speeds tend increase toward the top of the ridge. The highest wind speeds is therefore on the top of the ridges. The ridges also have minimum turbulence at the. Valleys have less wind and greater turbulence in lee of the ridge. The affect of the turbulence can decrease the life-span of the turbines. Thus erecting turbines on the ridges pose the least risk to equipment damage and have the highest wind speeds.
How will the proposed development affect low flying planes ?	27 October 2010 - Scoping Phase Public Meeting	There are existing laws in terms of civil aviation that would apply. G7 is currently engaging with the Civil Aviation Authority (CAA) to ensure that they abide by the CAA regulations. The CAA is also providing input in the planning phase.
What about the impact of lightning ?	27 October 2010 - Scoping Phase Public Meeting	The turbines are protected against lightning. Should the turbines be struck by lightning there will be very little to no impact.
Is there sufficient wind ?	27 October 2010 - Scoping Phase Public Meeting	G7 is confident there is enough wind. G7 is currently busy recording wind measurements on site over a period of 10 - 12 months at hub height.
Erosion control. It is important to stress and prioritise avoidance of erosion. The area is very sensitive to erosion. The run-off on a 5m x 5m foundation can cause scouring around the towers. G7 need to implement measures to avoid erosion.	27 October 2010 - Scoping Phase Public Meeting	Controlling erosion is important and measure such as stone drainage would need to be implemented. Erosion would also need to be management as part of a management plan.
It is important to consider birds especially in terms of migration.	27 October 2010 - Scoping Phase Public Meeting	Noted

Comment	Date and Form of Comment	Response
What is the effect on bird life?		The potential impacts on bird include, <ul style="list-style-type: none"> • Collisions; • Disturbance to breeding habitat; • Loss of habitat; • Disturbance of bird movements (flight paths). Bird specialist has been commissioned. The bigger birds are more at risk and the noise created by the turbines may also impact the birds especially at breeding times.
The regulation is such that you can not burn the veld at present. This has resulted in a lot of plant growth and will assist in dealing with erosion; however, the thick plant growth is also a fire hazard .	27 October 2010 - Scoping Phase Public Meeting	Noted.
How does G7 propose to rehabilitate the land in the Karoo climate?	27 October 2010 - Scoping Phase Public Meeting	G7 will appoint a specialist to assist with rehabilitation. Rehabilitation will start after commissioning and continue over the lifespan of the project.
Why does G7 only consider the project to have a lifespan of 20 years ? Is it not possible to harness wind energy for 40 years?	27 October 2010 - Scoping Phase Public Meeting	The turbines are designed to have a life-span of 20 years. But there is a choice after 20 years to either continue or replace with more efficient turbines or to decommission the wind turbines.
When will construction start ?	27 October 2010 - Scoping Phase Public Meeting	G7 is still in a process of negotiations with Eskom. Eskom has agreed to buy the power from G7, but how much is still to be determines. A realistic time frame would be in 5 years time.
What is the possibility that the project will not be approved ?	27 October 2010 - Scoping Phase Public Meeting	There is will always be that risk, but it is important to prepare.
There was a letter in one of the newspapers that states it is not economically viable more than 40 km the coast.	27 October 2010 - Scoping Phase Public Meeting	The rule of thumb is that it is not economically viable to build turbines more that 40km from existing power lines and not from the coast.

Comment	Date and Form of Comment	Response
From the CDM perspective, what is the return on investment in relation to the cost of the project?	27 October 2010 - Scoping Phase Public Meeting	The investment by the German utility is dependant on the carbon credits gained from the CDM. All the carbon credits will therefore go to the German utility.
Would the cost of the development be prohibitly expensive if the German utility would not invest?	27 October 2010 - Scoping Phase Public Meeting	The refit fund, which is a tariff Eskom, is willing to pay for clean energy. The project can be realised without the carbon credits but it will be more difficult. Carbon credits are attractive for investors.
What is the size of the concrete foundation?	27 October 2010 - Scoping Phase Public Meeting	The foundation will be 15m x 15m but will be filled in so that exposed area of the foundation will be 5m x 5m.
Have the new EIA regulations been taken into consideration?	27 October 2010 - Scoping Phase Public Meeting	The new regulations make provisions for a transitional period. This project will be assessed according to the old regulations.
Will power lines be constructed from the turbines to the grid?	27 October 2010 - Scoping Phase Public Meeting	At the Witberg site there is an existing distribution line in the valley. The electrical infrastructure between the turbines will be underground and overhead power lines will be used from the turbines to the grid. The Roggeveld site has two grid connection points. More overhead power lines will be used because of the ridges.
It is important the construction does not take place in the winter months (June and July). The habitats are very sensitive and it can also get very cold.	27 October 2010 - Scoping Phase Public Meeting	Noted
It is important that issues raised in the open house session should be included.	27 October 2010 - Scoping Phase Public Meeting	Noted

Comment	Date and Form of Comment	Response
Please explain the technical working of the turbines. At what wind speeds will it stop?	27 October 2010 - Scoping Phase Public Meeting	The modern wind turbines will start to generate electricity at wind speeds approximately 3 - 4 metres per second, roughly 10kph. At increased wind speeds more electricity is generated. At very high wind speeds, approximately 80kph, the turbines will shut down.
What percentage generation is required for the proposed project to be financially viable ?	27 October 2010 - Scoping Phase Public Meeting	The internal target for G7 is 30 percent of full power output per annum.
Is there any work done on noise audible to animals and vibration?	27 October 2010 - Scoping Phase Public Meeting	The noise specialist will include information on noise not audible to humans.

1.6

WAY FORWARD

MC closed the meeting by thanking all for their active participation. Stakeholders reminded once more of the next steps which would be the compilation of the issues and concerns raised in the draft scoping report. Stakeholders were assured that they will be kept informed throughout the process.

The Clean Development Mechanism

- The project reduces greenhouse gas emissions by displacing grid electricity which is predominantly coal-fired.
- The project is applying for registration under the Clean Development Mechanism (CDM) of the Kyoto Protocol.
- The CDM was established under the Kyoto Protocol and allows developing countries to implement emission reduction projects and earn carbon credits. These credits can be sold over the carbon market to developed countries
- The revenue from the sale of the carbon credits will contribute to offsetting a portion of the costs associated with the project as well as overcoming some of the barriers associated with the development of wind energy facilities.
- Further Information: www.unfccc.int and Joslin Andrews at Deloitte & Touche (josandrews@deloitte.co.za or +27 (0) 11 806 5952)



G7 Renewable Energies

Environmental Impact Assessment (EIA)
October 2010



EIA Introduction



ERM appointed by G7 as independent environmental practitioner, undertaking an EIA for the projects



Two projects – Witberg and Roggeveld – two EIA processes with separate documents, reports and applications

- EIA Required under National Environmental Management Act (NEMA) (Act No. 107 of 1998)
- Key Listed Activity in terms of EIA Regulations R387:
 - "the generation of electricity where - (i) the electricity output is 20 megawatts or more; or (ii) the elements of the facility cover a combined area in excess of 1 hectare"



Scoping Phase Activities to Date



- Submission of EIA Applications to the national Department of Environmental Affairs (DEA)
- Authority Consultation
- Initial stakeholder notification
 - Background Information Document (BID)
 - Site notices and newspaper advertisements
- Preparation of Draft Scoping Reports
 - Baseline information
 - Issue identification
 - Identification of specialist studies
 - Plan of Study for EIA
- Distribution of Draft Scoping Reports and stakeholder comment
- Public Meetings and Consultation (current)



Scoping: Potential Opportunities



- Cleaner energy (climate change)
- Electricity stabilisation
- Macroeconomic benefits (rates, taxes)
- Local economic development
- Training opportunities
- Job creation
 - direct
 - indirect
 - induced
- Procurement
 - local
 - national



Scoping: Potential Issues



- Noise
- Dust
- Traffic
- Waste production
- Loss of agricultural land
- Loss/damage of archaeological and cultural heritage
- Changes to visual landscape
- Impact on fauna and flora (including bird life and bats)
- Changes to hydrology, soil and micro-climate
- Increase in social ills
- Influx of job seekers
- Health and safety impacts
- Electromagnetic interference
- Cumulative impacts



EIA Phase Specialist Studies



- Noise impact study
- Archaeological, cultural heritage and palaeontology impact study
- Visual and landscape impact study
- Vegetation and terrestrial ecology impact study
- Bird impact study
- Bat impact study
- Socio-economic impact study



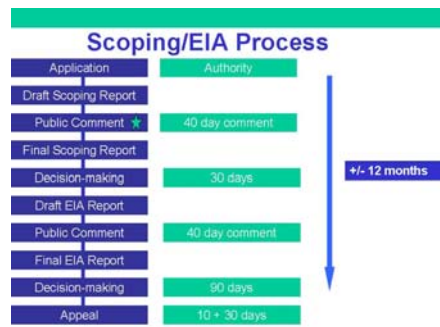
Way Forward



- **Compilation of comments on Scoping Reports and public meeting records – comment period closes 12th November 2010**
- **Final Scoping Reports to be submitted to DEA**
- **DEA Approval of EIA Plan of Study**
- **Undertake Specialist studies**
- **Investigation of issues and impact assessment**
- **Preparation of draft Environmental Impact Reports (EIRs) including Environmental Management Programme (EMP)**
- **Circulation of the draft EIRs for comment (Feb/March 2011)**
- **EIA Phase Public Meetings (Feb/March 2011)**
- **Compilation of comments on EIR**
- **Submission of final EIRs to DEA (April 2011)**



EIA Process Flow Diagram



Other Applicable Legislation



- National Environmental Management: Protected Areas (Act No. 57 of 2003)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Biodiversity Act (Act No. 10 of 2004)
- National Heritage Resources Act (Act No. 25 of 1999)
- Electricity Regulation Act (Act No. 4 of 2006)
- Occupational Health and Safety Act (Act No. 85 of 1993)
- Subdivision of Agricultural Land Act (Act No. 70 of 1970)
- Aviation Act (Act No. 74 of 1962)



How Can You Be Involved?



- Initial notification complete – comments received
- Draft Scoping Reports currently available for comment before 12 November 2010
- Stakeholder comment on draft EIRs
- EIA phase public meetings
- Notification of authority decision and opportunity to appeal



http://www.erm.com/G7_Renewable_Energies

Comments To: Claire Alborough or Linda Slabber
 ERM Southern Africa (Pty) Ltd, Postnet Suite 90, Private Bag X12, Tokai, Cape Town, 7966
 Tel: (021) 702 9100; Fax: (021) 701 7900
 E-mail: claire.alborough@erm.com / linda.slabber@erm.com



The Roggeveld Wind Farm Project



Overview

- G7 presentation
- The Roggeveld Wind Farm Project
 - Construction
 - How it works
 - Opportunity for job creation
 - Time frame
- Summary



G7 renewable energies (Pty) Ltd

- South African company founded in 2008
- 7 full time technicians
- Partner with 3rd biggest utility in Germany
(1/3 Eskom in MW, but greater income)

G7 activity

- Identify best sites for wind farm projects
- Sign 25 years Lease Agreement with Landowners
- Develop wind projects
 - wind measurement, engineering, applications and permits
- Prepare the project to be built

The Roggeveld Wind Farm Project

- Approx. 45km South of Sutherland, 30km north of Matkiesfontein
- Up to 250 turbines (up to 750 MW)
- Access road and infrastructure construction
- Job creation temporary and long-term
- Generation of up to ± 2'600 Gwh
 - = 295'000 households for 1 year

The Roggeveld Wind Farm Project



Up to 100 km road

- 6m wide
- gravel road for heavy load





Up to 250 foundations

- excavation
- reinforced concrete
- rehabilitation after commissioning

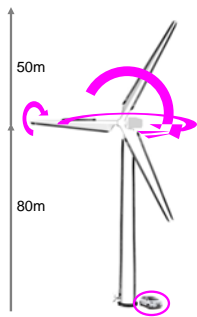


Up to 250 installations

- installation
- commissioning



Wind energy



Job Creation

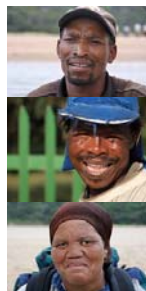
Construction – 12-24 months (Phase 1 of 200MW)

- road works
- rigging
- rehabilitation
- construction (building)

Indirect jobs – 12-24 months

- accommodation
- catering
- services

TOTAL up to 30 jobs



Job Creation

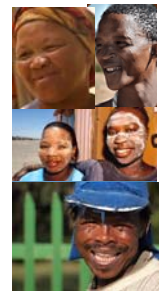
Wind turbine Operation and Maintenance – 20 years

- Wind turbine operation
 - Wind turbine technicians
 - Wind turbine apprentices
- High voltage electrician
- High voltage operator and apprentices
- Road maintenance
- Equipment maintenance (vehicle, tools)

Administration – 20 years

- Operation manager
- Office administration

TOTAL up to 100 full time jobs



Additional job opportunities – 20 years

- Road maintenance
- Rehabilitation (vegetation)
- Security
- Training
- Computer maintenance
- Catering (food)
- Cleaning
- Housing and accommodation



TOTAL up to 20 local jobs

Decommissioning or rehabilitation

- The scrap-value pays for decommissioning/rehabilitation
- Roads can be rehabilitated
- Foundations will be blasted and area rehabilitated



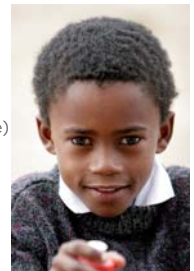
The land can recover its original state

Project goal:

A project for the people and the environment

Wind energy in the area:

- Local jobs creation
- Participation in local development (broad base)
- Reduce risks of power cuts (no load shedding)
- No pollution and better life for tomorrow
- Facilitate Eskom grid expansion



Questions?



Annex C (ix)

Meeting Attendance Register

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
Mr. Dean Chapman	DBSA	Technical Expert		083 778 5008	deanc@dbsa.org	
Mr. Fred Mesthagen	Ola Murel Farm	Kandaneel	(021) 8880860	(082) 9296047	polla@tempourp.co.za	PO Box 835 Stellenbosch
Mrs D.J. CALLO	CALLO boerdery	Eienaar	023-5511817	-	-	Postbus 6900 Laingsburg
Francois Conradi		Eienaar	023 5511 817		Francis Conradi @Telhousenot. J/berg	P/b 137
Dr MIRIAMNE THOMSON	AMBIANCE TRUST KARIBER TOU + MISSION RIVIER	EIGENAAR	082 5571442 083 3477577		DOCTOR THOMSONS COZA. 4 BRACKEN WEST 6862.	Box 5533 BRACKEN WEST 6862.

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
Dr Miej Marium January	ERM	consultant	021 7029100	0731267877	marium.january@ erm erm.com	Steenberg Office Park Steenberg 7600 Cape Town
MNE WILBUR SMITH	KANNILOS PROJECT	MANAGER	0713281674		—	28 STELAN 60 GOLDNEVILLE LAINGSBURG 6900
PATRICIA BOER	KANNILOS PROJECT	SEK	0710888810		—	6 DE CAANHO LAINGSBURG 6000
SP.JD MEARWE	PLAZINDAWN 142	OWNER	0789041453		—	WTRAPPE ST WORCESTER.
MR ALAN VEASEY	RIETFONTEN NATURE KENNEL	OWNER	0825573844		a.j@veasey.co.za	P.O. Box 724 SUMMERSET WEST 7129

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
Mr Muller Coetzee	ERM	Consultant	021 702 9100	083 5085049	Muller.coetzee@erm.co.za	Steenberg Office Park Steenberg 7600 Cape Town
Adele Koux.	Fortuin - farm.	Landowner	023-5511910	0845131893	fortuin@huntam.co.za	Box 30 Laingsburg 6900.
S. du Plessis S. du Plessis	Flankfontein Roerdring	Landowner	0235511355	0826587727	—	Postus 70 Laingsburg 6900
Mrs J. HAET	THESSIE FRANZ	Landowner	0233552223	0825700280	—	P.O. Box 1 FRANKFONTEIN
Dr. Herwig HITLENBERGER	Priv.	N/A	023 5511 509	084 5974500	h.fenberger@web.co.za	11 VAN CIESEBEEK LAINGSBURG

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
Mej. Katherine Degenaar	ERM	Project manager	021 702 9100	073 701 7100	kathrine.degenear@erm.co.za	Steenberg office Park Steenberg 7600 Cape Town
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A. Ketteringham	HWB Communications	Account Exec	082 928 6315		andrea@hwbc.co.za	4 Myrtle Street Gardens Cape Town 8001
MR. SHUMANI MUGERI	DEPARTMENT OF TRANSPORT	DIRECTOR	012-309 3161 071 680 6201	071 680 6201	mugeris@dot.gov.za	159 STRUBEN STREET PRETORIA 0002
Lette Uye	Private		023 581 5002	082 478 1995	jeoffry@web.co.za	P.O. Box 31 Laingsburg 6900

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
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Mrs. F. van Wyk	Tourism.	Vice chair	023-5152032 2032 023-5511868	072-5152032 laingsburgtourism@telkomsat.net		P.O. Box 111 Laingsburg 6900
C. G. de Messis.	De Agric. WC Laingsburg.	ADD.	023 5511 034.	082 65 174 65.	Charl dp @ elsenburg.com.	Box 6 Laingsburg. 6900

Public Meeting at Laingsburg Flood Museum

27 October 2010

ATTENDANCE REGISTER

Title, Firstname and Surname	Organisation Name	Position in Organisation	Telephone Number	Mobile Number	Email Address	Postal Address
Mev Amarica Marais	Hartjieskraal Laingsburg	Eienaar	023 551 808 (Phos) 023 551 818 (Cloip)	073 0085 666 083 9935152		Postbus 96 Laingsburg 6900