

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS

PROPOSED AGGENEIS-ORANJEMOND 400kV TRANSMISSION (Tx) POWER LINE  
AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE

COMMENT AND RESPONSES REPORT

JULY - NOVEMBER 2011

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## **Abbreviations**

AU Agricultural Union

DEIR Draft Environmental Impact Report

EA Environmental Authorisation

EMPr Environmental Management Programme

LOs Landowners

OM Omgewingsmagtiging

RGEV Richtersveld Gemeenskapeiendomvereniging

DEA Department of Environmental Affairs

Dx Distribusie / Distribution

EIA Environmental Impact Assessment

FEIR Final Environmental Impact Report

OIS Omgewingsimpakstudie

RCPA Richtersveld Communal Property Association

Tx Transmissie / Transmission

Issue/Comment	Raised By	Response
<b>1. Agricultural Potential Comments</b>		
<p>Dit was verneem of daar ander voordele is vir die Munisipaliteit sal wees bv die potensiaal vir landboubesproeiing.</p> <p><b>Translation:</b> It was enquired what other advantages there would be for the Municipality, i.e. potential irrigation for agriculture.</p>	<p>Jonas, Michael Meent Officer: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Daar sal nie krag direk van die voorgestelde kraglyn afgetap kan word nie aangesien die kV is te hoog is, maar dit sal wel die netwerk versterk wat die Munisipaliteit die vermoë gee om aan nuwe aansoekers elektrisiteit te voorsien vir bv besproeiing.</p> <p><b>Translation:</b> It would not be possible to tap directly into the proposed power line as the voltage is too high, but the network would be strengthened which will put the Municipality in a position to provide new applicants with electricity for irrigation for example.</p> <p><b>Wimpie Henning</b></p>
<p>Die projekspan was ingelig dat meeste van die Gemeenskapsboere in Concordia boer met lewendehawe en verneem watter impak sal die kraglyne op die veeboerdery hê.</p> <p><b>Translation:</b> The project team was informed that most of the farmers in the Communal farmers farm with livestock and ask what impacts will the power lines have on their farming activities.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Die voorgestelde kraglyne sal geen impak op die vee en weiding hê nie aangesien die veenog steeds onder die kraglyne kan wei. Die voorgestelde kraglyne sal ook nie oor die gemeenskap van Concordia gaan nie, maar eerder noord van Steinkopf.</p> <p><b>Translation:</b> The proposed power line will not have an impact on livestock and grazing as the livestock would still be able to graze under the power line. The proposed power line will also not cross over Concordia but would go north of Steinkopf.</p> <p><b>Wimpie Henning, Eskom</b></p>
<b>2. Avifauna Comments</b>		
<p>Dit was gevra watter impak sal die kraglyne op voëls hê.</p> <p><b>Translation:</b> It was asked as to what impact the power lines will have on birds.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Birds do collide with power lines and due to this reason it is recommended in the draft EMP that in high risk areas that bird flappers be introduced to avoid collision.</p> <p><b>John von Mayer, Savannah</b></p>

Issue/Comment	Raised By	Response
<b>3. Biodiversity Comments</b>		
<p>Die projekspan was meegedeel dat die Richtersveld heelwat biodiversiteit sensitiewe areas het en spreek sy hoop uit dat dit in die OIS proses aangespreek word.</p> <p><b>Translation:</b> The project team was informed that the Richtersveld is a biodiversity sensitive area and he hopes that these sensitivities are addressed in the EIA process.</p>	<p>Cloete, Joseph Municipal Manager</p>	<p>The biodiversity specialist has identified various sensitive biodiversity areas and these are included in his Biodiversity Report that forms part of the DEIR. <b>John von Mayer, Savannah</b> Mitigation measures are included in the EMPr recommending how these sensitive biodiversity areas should receive attention during construction and maintenance. <b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was verneem watter biodiversiteit sensitiewe areas sal deur die projek geraak word.</p> <p><b>Translation:</b> It was enquired as to what biodiversity sensitive areas will be affected by the project.</p>	<p>Cloete, WT Mayor: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>The biodiversity specialist has identified various sensitive biodiversity areas and these are included in his Biodiversity Report that forms part of the DEIR.  Only the towers, new access roads and construction camps could impact directly on areas of sensitivity. <b>John von Mayer, Savannah</b></p>
<p>Indien daar spesies is wat nie aangeraak mag word nie en dit kom in die roete wat Eskom verkies voor, wat gebeur dan?</p> <p><b>Translation:</b> Should there be species that could not be impacted on and it is in the route that Eskom selected, what would happen then?</p>	<p>Diergaardt, W Chairman: RCPA FGM: 11 Nov 2011</p>	<p>Dit is om die rede dat daar omgewingstudies gedoen word. Sou daar egster 'n spesie ontdek word tydens konstruksie, dan word konstruksie opgehou totdat die plant hervestig is of indien dit nie moontlik is om dit te hervestig nie, dan sal die toringposisie verskuif.</p> <p><b>Translation:</b> This is the reason why environmental studies are being conducted. However, should a sensitive species be identified during construction, then construction will cease and the plant will be reintroduced to another area. Should this not be possible, then the tower position would be moved. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem wat gebeur met die grond na konstruksie by sal plante weer aangebring word om dit wat beskadig is te vervang.</p> <p><b>Translation:</b> It was enquired as to what will happen to the soil after construction i.e. vegetation that's been damaged during construction would be replaced?</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>It is recommended in the draft EMPr that not only the construction site but the tower positions and any other area impacted by construction of the power line be rehabilitated and that vegetation clearing be minimised as far as possible. <b>John von Mayer, Savannah</b></p>

Issue/Comment	Raised By	Response
<p>Dit was genoem dat biodiversiteit nie baie hoog is in die area nie.</p> <p><b>Translation:</b> It was mentioned that biodiversity is not high in the area.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>All the sensitive biodiversity areas have been identified and are detailed in the DEIR, including conservation areas which are high in biodiversity sensitivity. <i>John von Mayer, Savannah</i></p>
<b>4. Heritage Comments</b>		
<p>Dit was genoem dat die Richtersveld is 'n Wêreld Erfenis Gebied is en verneem of SAHRA en die Noord-KaapProvinsie se Erfenis Departement betrokke is by die OIS.</p> <p><b>Translation:</b> It was mentioned that the Richtersveld is a World Heritage Site and it was enquired whether SAHRA and the Northern Cape Province's Heritage Department is part of the EIA process.</p>	<p>Cloete, Joseph Municipal Manager: Richtersveld LM FGM: 05 Oct 2011</p>	<p>These stakeholders are part of the EIA process and they have not yet submitted their comments on the DEIR. <i>John von Mayer, Savannah</i></p>
<b>5. Social and Socio-Economic Comments</b>		
<p>Dit was verneem of daar enige werkseleenthede sal wees vir die gemeenskap tydens konstruksie.</p> <p><b>Translation:</b> It was enquired whether there would be any job opportunities during the construction phase.</p>	<p>Diergaardt, W Chairman: RCPA FGM: 11 Nov 2011</p>	<p>Eskom stel 'n kontrakteur aan vir die bou van die kraglyn en die kontrakteur bring sy eie span mense, wat kennis van kraglynkonstruksie het, saam. Daar mag egter geringe geleenthede wees waar plaaslike hulp benodig sal word en dan sal die hulp plaaslik verkry word.</p> <p><b>Translation:</b> Eskom appoints a contractor to build the power line and the contractor brings his own team of people who have knowledge of power line construction. There may however be limited job opportunities where local assistance could be needed and these will be sourced locally. <i>Wimpie Henning, Eskom</i></p>
<p>It was asked as to how much work will be available to local labourers.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>The information of what the skill level of local labourers is is not yet available to the project team. Eskom do include in the contract with the appointed contractor that when local labour is required that these be sourced from the nearest town. This is to prevent the possible influx of workers into an area. One of the advantages of the construction of a Tx power line is the spin-offs associated during the construction phase i.e. laundry services, meals / food, etc.</p>

Issue/Comment	Raised By	Response
		<p><b>Kentridge Makhanya, Eskom</b></p> <p>The attendees were informed that the SIA specialist made recommendations in the EMPr i.e. that local labour be used as far as possible.</p> <p><b>John von Mayer, Savannah</b></p>
<p>Watter sosiale voordele hou hierdie projek in vir plaaslike gemeenskappe.</p> <p><b>Translation:</b> What is the social advantage of this project for local communities?</p>	<p>Links, Willem Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Een van die voordele vir plaaslike gemeenskappe tydens die konstruksie van 'n Tx kraglyn is 'spin-offs' bv 'n wassery besigheid, maaltye aan die konstruksie werkers te voorsien, ens.</p> <p><b>Translation:</b> One of the advantages that local communities can get from the construction of a Tx power line is the spin-offs associated with the construction phase, i.e. laundry services, meals / food, etc.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem of Eskom van bestaande fasiliteite sal gebruik maak tydens die konstruksie tydperk en het die projekspan meegedeel dat daar 'n leë plaashuis is op sy plaas wat deur die konstruksie maatskappy benut kan word, teen vergoeding.</p> <p><b>Translation:</b> It was enquired from Eskom whether they will consider making use of existing infrastructure during the construction phase as there is an empty farm house that could be made available to the construction company, at a fee.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>The area required for a construction site is ±10ha per construction site and depending on the length of the line, it is envisaged that two construction teams might be appointed.</p> <p>Existing infrastructures, as offered, could be considered.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<b>6. EIA Process Comments</b>		
<p>Die moontlikheid van Appél teen die projek aanteken is genoem aangesien die voorgestelde kraglyndeur 'n Wêreld Erfenis Gebied kan gaan en voel die saak moet nou aandag geniet.</p> <p><b>Translation:</b> The possibility of Appeal against the proposed power lines has been mentioned as the power lines could traverse a World Heritage Site and the matter needs to receive attention now.</p>	<p>Farmer, Jacobus Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Die proses van Appél aanteken was verduidelik en dit was ook genoem dat Appél allienlik aangetekenkan word wanneer 'n OM vir die projek toegestaan is. Die Appél proses sal saam met die OM aan geregistreerde belange groepe en geaffekteerde partye uitgereik word.</p> <p>Wat die RGEV wel op hiedie stadium kan doen is om teenkanting aan te teken en hulle redes rakende die teenkanting op skrif te stel.</p> <p><b>Translation:</b> The process of Appeal was explained and it was mentioned that an</p>

Issue/Comment	Raised By	Response
		<p>Appeal could only be lodge once an EA has been granted. A copy of the Appeal proseswill be included with the EA which will be sent to all registered stakeholders and affected parties. What the RCPA can do at this stage is to submit their written objection, providing the reason as to why they are objecting.</p> <p><b>Nicolene Venter, Savannah</b></p> <p>Dit was aan die teenwoordiges uitgewys dat Alternatief 2 nie deur die Wêreld Erfenis Gebied gaan nie.</p> <p><b>Translation:</b> The attendees' attention was drawn to the fact that Alternative 2 does not traverse the World Heritage Site.</p> <p><b>Wimpie Henning, Eskom</b></p>
<b>7. Corridor Comments</b>		
<p>Dit was genoem dat Alternatief 2 mag 'n impak hê op moontlike toekomstige uitbreidings wat by Steinkopf beplan word, maar as Alternatief 3 tegniese nie moontlik is nie, sal die Munisipaliteit Alternatief 2 aanvaar.</p> <p><b>Translation:</b> It was stated that Alternative 2 may have an impact on possible future expansions planned at Steinkopf, but should Alternative 3 is technically not possible, then the Municipality will accept Alternative 2.</p>	<p>Cloete, WT Mayor: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Voorkeurgenotuleer / Preference minuted.</p>
<p>Wat is die wyde van die Korridor?</p> <p><b>Translation:</b> What is the width of the corridor?</p>	<p>Diergaardt, W Chairman: RCPA FGM: 11 Nov 2011</p>	<p>5km Wyd, en dit is die wydte wat aan DEA vir OM deurgegee word. Die geregistreerde serwituut is slegs 55m breed.</p> <p><b>Translation:</b> 5km wide, and this is the width that will be submitted to DEA for an EA. The width of a registered servitude would only be 55m.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem of die voorgestelde kraglyn parallel met die bestaande kraglynsal loop.</p>	<p>Farmer, Edwin Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Indien Alternatief 2 deur die DEA goedgekeur word is dit die beplanning dat die nuwe voorgestelde kraglyn parallel, sover moontlik, met die bestaande kraglyn sal loop.</p>

Issue/Comment	Raised By	Response
<p><b>Translation:</b> It was enquired whether the proposed power line will be parallel to the existing power line.</p>		<p><b>Translation:</b> Should Alternative 2 be approved by the DEA, it is planned that the newly proposed power line will run parallel, as far as possible, to the existing power line. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was almal teenwoordig se mening dat Alternatief 2 en 3 blyk die beste Alternatiewe te wees, waarvan Alternatief 2 voorkeur bo Alternatief 3 is aangesien dit die bestaande kraglyn volg.</p> <p><b>Translation:</b> All present were of the opinion that Alternative 2 and 3 seem to be the best Alternatives of which Alternative 2 get preference as it follows the existing power line.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>Recommendation noted.</p>
<p>Alternatief 3 blyk die mees aanvaarde Korridor vir die Plaaslike Munisipaliteit te wees, maar sal nie Alternatief 1 kan aanbeveel nie, veral vanuit 'n tegniese oogpunt.</p> <p><b>Translation:</b> From the Local Municipality's view point, Alternative 3 seems to be most acceptable Corridor but Alternative 1 cannot be recommended especially seen from a technical viewpoint.</p>	<p>Opperman, Pieter Electrical Engineer: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Projekspan neem kennis / Project team take note.</p>
<p>Ter bevestiging was dit gevra of Alternatief 2 en 3 deur die omgewingspesialiste aanbeveel word as die beste Alternatiewe.</p> <p><b>Translation:</b> For clarification, is Alternative 2 and 3 recommended by the environmental specialists as the best Alternatives?</p>	<p>Richter, Dave Councillor PR: Richtersveld LM FGM: 05 Oct 2011</p>	<p>Confirmed.</p>
<b>8. Technical Comments</b>		
<p>Daar was verwys na 'n voorval waaraan van Eskom se torings omgeval het en verneem of so 'n voorval weer kan voorkom.</p> <p><b>Translation:</b> Reference was made to an incident where one of Eskom's towers fell and it was enquired whether such an incident may occur again.</p>	<p>Farmer, Jacobus Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Die voorval was as gevolg van die kontrakteur wat kans geneem het deur minder sement in die fondasies te gebruik en daar is streng konstruksie maatreëls wat in plek gestel is om sulke voorvalle te voorkom.</p> <p><b>Translation:</b> The incident was as a result of where the contractor took chances by using less cement than is required in the foundations. Strict</p>

Issue/Comment	Raised By	Response
		<p>construction measures are now in place to prevent such incidents. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem of Eskom oorweging daaraan verleen het om addisionele 'arms' op die bestaande torings te sit om die voorgestelde addisionele kraglyn te akkommodeer.</p> <p><b>Translation:</b> It was enquired whether Eskom considered to add additional "arms" onto the existing towers to accommodate the additional proposed power line.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>It is possible to look at a couple or multi-circuit power line, but these type of power lines pose a stability problem to Eskom as uninterrupted power supply cannot be guaranteed. <b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra wat is die geskatte lewensjaar van die kraglyn.</p> <p><b>Translation:</b> It was asked as to what the lifespan of the power line would be.</p>		<p>With good maintenance the lifespan of the power line will be 30 years. <b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was verneem of dit nie meer ekonomies sal wees om die bestaande Aggeneis-Oranjemond kraglyn op te gradeer as om 'n nuwe kraglyn te bou nie.</p> <p><b>Translation:</b> It was enquired as to whether it would not be more economically viable to upgrade the existing Aggeneis-Oranjemond power line than building a new power line.</p>		<p>The purpose of this proposed project is to strengthen the Northern Cape Province electricity network and an upgrade of the existing power line will not address this need. If the existing power line goes out of service (trips), for whatever reason, then the newly proposed power line can provide the required electricity in the area. There are a number of new developments being planned in the Northern Cape Province and the strengthening of the network, including the proposed Aggeneis-Helios line (near Loeriesfontein), will provide the Northern Cape Province with the required electricity network it needs. <b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was verneem of kraglyne enige impak op sonkragaanlegte of wind plase het.</p> <p><b>Translation:</b> It was enquired whether power lines have any impact on solar energy plants or windfarms.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>It was determined that there could be an impact between the power lines, solar panels/plants and windfarms/turbines. To date, none of the renewable energy projects were identified that could have a direct impact on one another i.e. corridor and solar / wind sites. <b>Kentridge Makhanya, Eskom</b></p>
<b>9. Project Comments</b>		
<p>Dit was verneem of bestaande paaie deur Eskom opgegradeer sal word tydenskonstruksie.</p> <p><b>Translation:</b></p>	<p>Diergaardt, W Chairman: RCPA FGM: 11 Nov 2011</p>	<p>Indien 'n pad deur Eskom se kontrakteur beskadig word sal dit herstel word, maar geen opgradering van paaie is by die projek ingesluit nie.</p>

Issue/Comment	Raised By	Response
<p>It was enquired whether existing roads would be upgraded by Eskom during the construction phase.</p>		<p><b>Translation:</b> Should Eskom's contractor be responsible for damaging a road, then it would be repaired by Eskom. However, upgrading of roads is not part of this project. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was gevra wat is die gemiddelde konstruksie tydperk vir 'n kraglyn van hierdie lengte.</p> <p><b>Translation:</b> It was asked what the average construction period is for a power line of this length.</p>	<p>Farmer, Edwin Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>2 Jaar / 2 Years <b>Wimpie Henning, Eskom</b></p>
<p>Die vraag was gevra oor watter voordele hou die voorgestelde projek in vir die gemeenskap bv laer elektrisiteitstariewe.</p> <p><b>Translation:</b> The question was raised as to what advantages the proposed project holds for the community i.e. lower electricity tariffs?</p>	<p>Farmer, Jacobus Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Die voordeel van die projek is die versterking en stabiliteit van elektrisiteitsvoorsiening.</p> <p><b>Translation:</b> The advantage of this project is the strengthening and stability of the electricity supply in the Northern Cape Province. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem wanneer en deur wie sal die magtiging gegee word.</p> <p><b>Translation:</b> It was enquired as to when and who will issue an authorisation.</p>	<p>Jonas, Michael Meent Officer: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>After the comment period of the DEIR has ended the FEIR will be updated with all comments received. It is envisaged that the FEIR will be submitted to DEA in October 2011. DEA could issue the EA by March/April 2012. <b>John von Mayer, Savannah</b></p>
<p>It was verneem wanneer sal 'n meer akkurate roete beskikbaar wees.</p> <p><b>Translation:</b> It was enquired as to when a more accurate alignment will be available.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Eers wanneer die OIS afgehandel is. Indien daar 'n OM toegestaan word, sal Eskom 'n tegniese roete kan uitwerk en die roete moet dan eers met die grondeienaars onderhandel word waarna roetewysigings kan plaasvind.</p> <p><b>Translation:</b> Only when the EIA is completed. If an EA is granted, then Eskom will be able to determine a technically feasible route and this route must then be negotiated with the landowners whereafter more route changes may occur. <b>Wimpie Henning, Eskom</b></p>
<p>Indien die projek 'n omgewingsmagtiging toegestaan word, wanneer beplan Eskom om met konstruksie te begin.</p> <p><b>Translation:</b></p>	<p>Mostert, Jasper Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>The first step, should an EA be granted, would be for Eskom's line designers to identify tower positions after which specific identified environmental specialists i.e.Archeaologist, Biodiversity, etc will do a tower specific walkdownas recommended in the draft EMPr.</p>

Issue/Comment	Raised By	Response
<p>If the project is granted an EA, when will construction commence?</p>		<p>Eskom then updates the tower position profile. During this process the servitude negotiation will take place and this can take up to two (2) years to complete. It is therefore envisaged that construction could start in 2014. <b>Kentridge Makhanya, Eskom</b></p>
<p>Reference was made regarding the requested meeting with LOs and due to the delay in a response, the project team was informed that under no circumstances will permission be granted for high voltage power lines to cross any one of the two farms affected by the proposed corridors.</p>	<p>Mulder, Klaas Property Owner: Farms Kootjesvlei &amp; Tuschen-in E-mail: 17 Oct 2011</p>	<p>Meeting was held on Monday 14 November 2011 to discuss this issue further. No additional feedback has been received from the I&amp;AP to date.</p>
<p>Dit was verneemhoekom word hierdie projek voorgestel en hou dit verband met die voorgestelde Gas Kragstasie wat in Namibië beplan word.</p> <p><b>Translation:</b> It was enquired as to why this project is being proposed and does it link with the proposed Gas Power Station that is planned in Namibia.</p>	<p>Richter, Dave Councillor PR: Richtersveld LM FGM: 06 Oct 2011</p>	<p>Eskom is bewus van die Gas Kragstasie wat in Namibië beplan word, maar die projek word nie voorgestel om daardie ontwikkeling enigsins aan te spreek nie.</p> <p><b>Translation:</b> Eskom is aware of the proposed Gas Power Station planned in Namibia but this project is not proposed to address that development. <b>Wimpie Henning, Eskom</b> The purpose of this proposed project is to strengthen the electricity network in the Northern Cape Province and to ensure that future development in the Province can take place. Another Tx power line is proposed between Eskom's existing Aggeneis and Helios (near Loeriesfontein) Substations. <b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra of die kleiner dorpe in die Munisipale gebied met die voorgestelde netwerk gekoppel sal word.</p> <p><b>Translation:</b> It was asked if the smaller towns in the Municipal area would be connected to the proposed network.</p>		<p>Daar sal nie direkte koppeling wees nie, maar indien hierdie projek sou voort gaan bied dit die geleentheid aan die Munisipaliteit om meer aansoeke vir elektrisiteit te kan hanteer.</p> <p><b>Translation:</b> There would be no direct connection, however, should this project be introduced then it offers the Municipality the opportunity to handle more electricity applications. <b>Wimpie Henning, Eskom</b></p>
<p>The project team was informed that this proposed project could be a good injection into the area and the Municipality perceived the proposed project as positive.</p>	<p>The Mayor: Richtersveld LM FGM: 06 Oct 2011</p>	<p>Comment noted.</p>

Issue/Comment	Raised By	Response
<b>10. Servitude Comments</b>		
<p>Dit word bevestig dat serwitutonderhandeling en –vergoeding deur die RGEV moet plaasvind.</p> <p><b>Translation:</b> It was confirmed that the servitude negotiations and compensation must be done with the RCPA.</p>	<p>Diergaardt, W Chairman: RCPA FGM: 11 Nov 2011</p>	<p>Inligting genotuleer / Information minuted.</p>
<p>Dit was verneem of vergoeding 'n eenmalige transaksie is.</p> <p><b>Translation:</b> It was enquired whether compensation is a once off transaction.</p>	<p>Farmer, Edwin Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Ja, Eskom doen 'n eenmalige vergoeding. Eskom sal 'n onafhanklike geakkrediteerde Waardeerder aanstel wat na aspekte soos markwaarde van eiendomme in die gebied kyk, hoeveel vierkante meter/hektaar word benodig vir die serwitut, ens en dan maak Eskom 'n aanbod aan die eienaar wat onderhandel word.</p> <p><b>Translation:</b> Yes, Eskom will pay a once-off compensation. Eskom will appoint an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem of die eenmalige vergoeding onderhandelbaar is bv 'n maandelikse betaling.</p> <p><b>Translation:</b> It was enquired whether the one-off payment is negotiable, i.e. a monthly payment.</p>	<p>Farmer, Jacobus Committee Member: RCPA FGM: 11 Nov 2011</p>	<p>Die administrasie verbonde aan 'n maandelikse betaling vir serwitute is intensief en dit is nie die kern van Eskom se besigheid nie.</p> <p><b>Translation:</b> The administration involved for monthly payments of servitudes is intensive and it is not one of Eskom's core businesses. <b>Wimpie Henning, Eskom</b></p>
<p>Dit word versoek dat tydens die serwitutonderhandeling met Eskom se Onderhandelaar, dat die kontrakteur ook teenwoordig moet wees om te verseker dat die kontrakteur bewus is van wat die grondeienaar se vereistes is.</p> <p><b>Translation:</b> It was requested that during the servitude negotiations between Eskom's Negotiator and the landowner, that the contractor must also be present to ensure that the contractor is aware of the</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>All the LO's terms and conditions as agreed to during the servitude negotiations will be included in the Servitude Agreement Contract and a copy of the signed agreement will be given to the contractor prior to construction.</p> <p>LOs will be informed, prior to the commencement of construction, of the date that the construction team would be on his property. The attendees were informed that should they sell their property, especially after the servitude agreement has been signed, that it is their responsibility to inform the new owner of the agreement.</p>

Issue/Comment	Raised By	Response
landowner's conditions.		<b>Kentridge Makhanya, Eskom</b>
<p>Indien Eskom se voorgestelde kraglyn oor 'n eiendom gespan word, verkry Eskom slegs toestemming of kan daar ooreenkomste aangegaan word.</p> <p><b>Translation:</b> If Eskom's proposed power line traverses a property, does Eskom only obtain consent or can an agreement be concluded.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Eskom onderhandel 'n serwituut met die betrokke party waarna daardie serwituut teen die Titel Akte geregistreer word. Daar word ook na ander impakte gekyk bv as daar geen ander uitweg is as om die kraglyn oor 'n huis of boorgat te bou nie, dan sal Eskom en die geaffekteerde party onderhandel oor hervesting, skuif van boorgat, ens.</p> <p>Hierdie tipe voorwaardes en onderhandelings vind plaas voor dat konstruksie begin.</p> <p><b>Translation:</b> Eskom negotiate a servitude with the affected party after which the servitude would be registered against the Title Deed. Other impacts are also considered such as, if there is no other alternative than to construct the power line over a home or borehole, then Eskom and the affected party will negotiate moving the resident, sink a new borehole on the farm etc.</p> <p>This type of conditions and negotiations take place before construction begins.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>Dit was gevra of Eskom grondeienaars kan onteien.</p> <p><b>Translation:</b> It was asked whether Eskom could expropriate landowners.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>Eskom prefer not to go the expropriation route as it is a costly exercise for both Eskom and the landowner. Expropriation will be the last resort if an agreement cannot be reached during the negotiation process between Eskom and the landowner.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra oor hoe kan die vyf (5) jaar wat die projek nodig het voordat dit in diens gestel kan word, verkort word.</p> <p><b>Translation:</b> It was asked as to how the envisaged five (5) years that the project needs before it can be put into operation can be shortened.</p>		<p>The only way to shorten the five (5) years is if there are not appeals.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<b>11. Compensation Comments</b>		
<p>Dit was verneem of vergoeding 'n eenmalige transaksie is.</p> <p><b>Translation:</b></p>	<p>Cloete, WT Mayor: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Ja, Eskom doen 'n eenmalige vergoeding. Eskom sal 'n onafhanklike geakkrediteerde Waardeerder aanstel wat na aspekte soos markwaarde van eiendomme in die gebied kyk, hoeveel</p>

Issue/Comment	Raised By	Response
<p>If was enquired whether compensation is a once off transaction.</p>		<p>vierkante meter/hektaar word benodig vir die serwituut, ens en dan maak Eskom 'n aanbod aan die eienaar wat onderhandel word.</p> <p><b>Translation:</b> Yes, Eskom pays a once-off compensation. Eskom will appoint an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>Die projekspan was meegedeel dat serwituut onderhandeling en vergoeding van grond/eiendom wat Gemeenskapsgrond is by Rietkloof Gemeenskapseiendom, moet met die Munisipaliteit onderhandel word aangesien die Munisipaliteit die eiendomme bestuur.</p> <p>Alleonderhandelings, kontrakte en vergoedingsmoet met Mnr Jonas, wat die Raadvertegenwoordig, geskied.</p> <p><b>Translation:</b> The project team was informed that servitude negotiations and compensation for communal properties such as the Rietkloof Communal Property, must be negotiated with the Municipality as the Municipality management these properties. All negotiations, contracts and compensation must be done with Mr Jonas who represents the Board.</p>		<p>Neem kennis van die inligting / Take note of the information provided. <b>Wimpie Henning, Eskom</b></p>
<b>12. Construction Comments</b>		
<p>Dit was verneem of wie verantwoordelikheid gaan aanvaar vir die instandhouding van openbare paaie, veral gedurende konstruksie.</p> <p><b>Translation:</b> It was enquired as to who will take responsibility for the maintenance of public roads, especially during the construction phase.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>Any roads damaged as a result of the construction of the power line will be the responsibility of Eskom. It is also recommended in the EMPr that the construction sites be rehabilitated to their original state or even better.</p>
<p>Hoe beplan Eskom om hierdie kraglyne te bou.</p> <p><b>Translation:</b></p>	<p>Maasdorp, Hester Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs</p>	<p>It is envisaged that the appointed Contractor will set-up a construction camp on a farm centrally located. Should there not be a town nearby, in agreement with the relevant landowner. There is</p>

Issue/Comment	Raised By	Response
How does Eskom plan the construction of these power lines?	04 Oct 2011	<p>a possibility that a helicopter would be used to erect the towers on site and helicopters would also be used in difficult terrain, i.e. mountainous areas.</p> <p><b>Kentridge Makhanya, Eskom</b></p> <p>Mitigation measures regarding construction camps along the route have been included in the draft EMPr and attendees are advised to read the draft EMPr and forward written comments on it.</p> <p><b>John von Mayer, Savannah</b></p>
<b>13. Project Comments</b>		
Wanted to know why a 400kv power line is being proposed in the area and whether there is a development coming as a 400kV power line is not needed in the area.	Coetzee, Leon E-mail: 06 Oct 2011	<p>The main reason for this proposed power line is to strengthen the electricity supply to the Northern Cape as there are currently only one feeder line to the area (Springbok, Steinkopf, etc) and to ensure an uninterrupted electricity supply to the area an additional <i>loop</i> is being proposed. The need to expand the electricity network in the country is determined by Eskom's 20 year electricity demand forecast. The load forecast for the National Grid is divided by Eskom into 6 Grids Customer and each Grid has its own forecast contributing to the system forecast. The Grid forecast forms the basis on which strengthening and generation plans are based.</p> <p><b>Nicolene Venter, SiVEST (e-mail: 14 Oct 2011)</b></p>
<p>Die projekspan was meegedeel dat die geaffekteerde grondeienaars trek nie voordeel uit die voorgestelde projek nie en verneem hoe kan Eskom hulle tegemoet kom.</p> <p><b>Translation:</b> The project team was informed that the affected landowners do not benefit from the proposed project and enquire how Eskom can accommodate them.</p>	Maasdorp, Deon FGM: Boesmanland AU&LOs 04 Oct 2011 Landowner: Farm Martiq	<p>Electricity cannot be provided from an Eskom Txline (the national grid network) directly to LOs due to the voltage size. Eskom Tx provides electricity to Eskom Dx who in turn provides to the Local Municipality and in some cases directly to LOs.</p> <p>It is therefore recommended that the LOs apply to Eskom Dx for electricity to their farms.</p> <p>It was also recommended that this point can form part of Eskom's negotiations for a servitude, should an EA be granted.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was voorgesteld dat Eskom na alternatiewe energiebronne kyk en verneem of Eskom die installering van sonpanele op die geaffekteerde plase as 'n serwituuu onderhandelingsvoorstelsaloorweeg.</p> <p><b>Translation:</b> It was suggested that Eskom look at alternative energy sources and enquire whether Eskom would consider the installation of</p>		<p>This is a very good suggestion and it will be forwarded to Eskom's Land and Rights Negotiator.</p> <p><b>Kentridge Makhanya, Eskom</b></p>

Issue/Comment	Raised By	Response
solar panels on the affected farms as part of the servitude negotiations.		
<p>Dit was verneem hoe word die vergoedingvir 'n serwituutberek.</p> <p><b>Translation:</b> It was asked how the compensation for a servitude is calculated.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>Eskom will appoint an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations. Should a LO not agree with the value as presented by the Valuer, then the LO has the right to appoint his own Valuer. Eskom prefer a win-win situation. <b>Kentridge Makhanya, Eskom</b></p>
No potential risk to the SKA from this project has been identified.	<p>Tiplady, Andriaan SKA South Africa E-mail: 17 Nov 2011</p>	Comment noted.
<b>14. Communication Comments</b>		
<p>Dit was versoek dat inligting rakende Eskom se algehele elektrisiteitsvoorsiening kringnetwerk voorsien word.</p> <p><b>Translation:</b> Information was requested of Eskom's overall electricity supply ring-network.</p>	<p>All present: RCPA FGM: 11 Nov 2011</p>	A copy of the Northern Cape Province electricity supply ring-network will be attached to the minutes.
<p>Die projekspan was ingelig dat daar nie veel waarde sal wees om publieke vergaderings tydens die OIS met die inwoners van Steinkopf te hou nie aangesien kommunikasie met die gemeenskap deur die Munisipaliteit se kommunikasienetwerk hanteer word.</p> <p>Eskom word versoek, en dit word benadruk, dat voordat konstruksie begin en daar 'n definitiewe roete vir die kraglyne bepaal is dat hulle 'n bewusmakingveldtog moet loods met die gemeenskap van Steinkopf om hulle in te lig oor konstruksie veiligheid, werksgeleenthede en veiligheid van elektrisiteit.</p>	<p>Cloete, WT Mayor: Nama Khoi LM FGM: 05 Oct 2011</p>	Inligting en versoek genotuleer / Information and request minuted.

Issue/Comment	Raised By	Response
<p><b><u>Translation:</u></b> The project team was informed that it will not add any value to the process by holding public meetings with the residents of Steinkopf as all communication with the community members of Steinkopf are handled by the Municipality through its communication network.</p> <p>Eskom are requested, and it was emphasized, that before construction starts and a defined route has been selected for the power lines, that they must embark on an awareness campaign with the community of Steinkopf whereby they need to be informed regarding construction safety, job opportunities and safety of electricity.</p>		
<p>Eskom word ver soek om te ver seker dat 'n Afrikaans sprekende onderhandelaar word aangestel om serwituutonderhandelingvir die projekte doen aangesien wetlike aspekte bespreek sal word en dit vir die betrokke partye voordelig sal wees dat daar geen misverstande is nie.</p> <p><b><u>Translation:</u></b> Eskom was requested to ensurethat an Afrikaans-speaking negotiatoris appointed for the servitude negotiations for this proposed project as legal aspects will be discussed as it will be an advantage to the relevant parties to ensure that there are no misunderstandings.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond FGM: Boesmanland AU&amp;LOs 04 Oct 2011</p>	<p>Request noted <b><i>Kentridge Makhanya, Eskom</i></b></p>
<p>Dit was versoek dat Savannah so spoedig moontlik, wanneer die voorkeur Korridor bevestig is, Shapefiles (GIS inligting) aan die Munisipaliteit se Stadsbeplanners deurgee.</p> <p><b><u>Translation:</u></b> It was requested that Savannah forward the Shapefiles (GIS information) of the preferred Corridor to the Municipality's Town Planning Department as soon as it is available.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Versoek genotuleer en sal deurgestuurd word sodra beskikbaar.</p> <p><b><u>Translation:</u></b> Request minuted and the information will be forward as soon as it is available. <b><i>Nicolene Venter, SiVEST en John von Mayer, Savannah</i></b></p>
<p>The project team was informed that a recent meeting was held with Eskom Planning Division to look at all areas that may be sensitive to the SKA in the Northern Cape and it was requested whether the proposed Aggeneis-Oranjemond project would form part of their plans as he would not want to be speaking to multiple parties about the same issues.</p>	<p>Tiplady, Andriaan SKA South Africa E-mail: 16 Nov 2011</p>	

Issue/Comment	Raised By	Response
<b>15. General Comments</b>		
<p>Dit was versoek dat daar in die toekoms meer duidelike kaarte gebruik word sodat die Munisipaliteit en ander belanghebbendes hulleself orienteer wat waar is op die kaart bv paaie en kadastrale inligting.</p> <p><b>Translation:</b> It was requested that, in future, more detailed maps be used to enable the Municipality and other interested parties to orientate themselves as to what is where i.e. roads and cadastral information.</p>	<p>Magerman, Deon Ground Use Planning: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Versoek genotuleer / Request minuted.</p>
<p>Die projekspan was ingelig dat die voorgestelde projek 'n aanwys vir die Noord-Kaap Provinsie sal wees.</p> <p><b>Translation:</b> The project team was informed that the proposed project would be an advantage to the Northern Cape Province.</p>	<p>Opperman, Pieter Electrical Engineer: Nama Khoi LM FGM: 05 Oct 2011</p>	<p>Kommentaar genotuleer / Comment noted</p>
<p>Dit was verneem of windkrag deel uitmaak van hierdie projek.</p> <p><b>Translation:</b> It was enquired whether wind energy ispart of this project.</p>	<p>Richter, Dave Councillor PR: Richtersveld LM FGM: 06 Oct 2011</p>	<p>Windkrag maak nie deel uit van hierdie projek nie / Wind energy does not form part of this project. <b>Wimpie Henning, Eskom</b></p>

**400kV TRANSMISSION POWER LINE AND SUBSTATION UPGRADE**

**COMMENTS AND RESPONSE REPORT: I&APs & STAKEHOLDERS**

*Comments received during the commencement of the EIA phase*

No.	Issue	Raised by	Response
<b><i>Agricultural Land</i></b>			
1	<p>The proposed subdivision and extension of the existing town on the mentioned property is subject to the provisions of the Subdivisions of Agricultural Act, 1970 as the mentioned property belongs to the Municipality Section 2(a) (i) of the Act specifies that the provisions of this Act shall not apply in respect of (a)(i) "Any subdivision of land for the purpose of transferring a portion thereof to the State or a Statutory body..."</p> <p>Registrations of transactions on the above property will therefore no longer require a letter from this Department.</p>	<p>Department of Agriculture, Forestry and Fisheries – Directorate Land Use and Soil Management. Comment received via email, 30 August 2011</p>	<p>Noted.</p>

*Comments received up to the submission of the Final Scoping Report to DEA*

No.	Issue	Raised by	Response
<b><i>General</i></b>			
1.	<p>Interested in taking part in the construction activity.</p>	<p>Bulelani Mahlombe , Le Bulu Enterprise, reply form received via fax, 08 November 2010.</p>	<p>Noted</p>

No.	Issue	Raised by	Response
2.	Requires additional information and upon receipt, will conduct evaluation and provide ATNS position.	Matthys C Horak, Reply form received via fax, 20 January 2011.	Noted
3.	<p>Requires the following info:</p> <ol style="list-style-type: none"> <li>1. The geographical position of the start and end points of the transmission line in degrees, minutes and seconds (WGS 85 format).</li> <li>2. The bendpoints of the transmission line in the above format.</li> <li>3. The height of the pylons as well as the height of the pylons above sea level.</li> <li>4. The average above-ground height of the transmission line.</li> </ol> <p>The requested info above can be given for each of the three alternative corridors.</p> <p>As soon as I receive the requested info I can start with the evaluation. I am aware of the fact that no decision has been reached in terms of what alternative will be implemented.</p> <p>(Original comments in Afrikaans): Ek benodig asb die volgende inligting-</p> <ol style="list-style-type: none"> <li>1. Die geografiese posisie van die begin en die einde van die kragleiding uitgedruk in grade, minute and sekondes asook breukdele van sekondes in die WGS-85 formaat.</li> <li>(2) Benodig ook die draaipunte van die kragleiding waar dit van rigting verander uitgedruk soos hierbo verduidelik.</li> <li>(3) Die hoogte van die "Pylons" bo grond asook die hoogte bo seevlak van die basis van die</li> </ol>	Matthys C Horak, ATNS, Reply received via email, 20 January 2011.	<p>The required information under points 1 and 2 has been provided to the I&amp;AP.</p> <p>400kV power line towers usually reaches 30m in height. The height of the pylons above sea level would depend on the local topography of the area.</p> <p>The above ground height of the lowest point of a 400kV power line is 8.1m.</p>

No.	Issue	Raised by	Response
	<p>"pylons" Slegs die begin en einde asook elke punt waar die kragleiding van rigting verander.</p> <p>(4) Die gemiddelde hoogte bo grond van die kragleiding.</p> <p>Gemelde inligting kan vir elk van die voorgestelde opsies (drie) gegee word.</p> <p>Sodra ek hierdie inligting het sal ek met die evalueering kan begin. Ek is bewus van die feit dat daar nog nie besluit is watter van die drie opsies wel uithevoer sal word nie.)</p>		
4.	<p>I am a resident and house owner in Port Nolloth and I'm employed in the area. The power line route is planned to traverse the Alexkor mining area which forms part of our responsibility.</p> <p>(Original comments in Afrikaans):                      Ek is 'n inwoner en huiseienaar in Port Nolloth en is werksaam in die distrik. Die kraglyn roete is beplan deur die Alexkor myn gebied wat deel is van ons verantwoordelikheid.</p>	<p>Mr AJ Vos, Alexkor Protea Coin Security Manager, Reply received via Fax, 13 March 2011.</p>	<p>One of the alternative routes for the proposed power line traverses the Port Nolloth area. The final alignment of the power line route has not been determined at this stage.</p>
5.	<p>After evaluation of the the three options presented, ATNS wishes to record its position as:</p> <p>(1) From the perspective of communications, Navigation and Surveillance, the establishment of the transmission power lines conforming to the specifications provided and located along the routes identified will have no negative impact on current ATNS operations.</p>	<p>Matthys C Horak, ATNS, Reply received via email, 17<sup>th</sup> March 2011.</p>	<p>Comment noted</p>

No.	Issue	Raised by	Response
	<p>(2) The impact of this structure on ATM was evaluated and will have no impact on current Air Traffic Service provision.</p> <p>(3) A copy of this letter will be provided to the SACAA</p>		
6.	<p>The proposed project falls within the jurisdiction area of the Nama-Khoi Local Municipality.</p> <p>(Original comments in Afrikaans): Beogde projek val binne Nama Khoi regsgebied.</p>	Mrs Brandt, Municipal Manager Nama Khoi Local Municipality, Reply received via email, 22 <sup>nd</sup> February 2011.	Noted.
7.	<p>The Draft Scoping Report for the proposed project has been reviewed by our Department and does not have any objections subject to the following being addressed:</p> <ul style="list-style-type: none"> <li>• Access roads as well as new roads to be constructed need to be clearly indicated on maps.</li> </ul>	Mrs Lucille Karsten, DENC, Reply received via fax, 7 <sup>th</sup> March 2011.	Existing access roads will be utilised as far as possible. However, should new access roads be required, they will be planned as to be located within the power line servitude which will be indicated on the relevant map/s and assessed within the EIA Phase of the process.
8.	<p>Both the N7 (Springbok) and the N14 (near Aggeneis) are proclaimed national roads.</p> <p>If a National Road will be affected being it crossing or parallel to the national road, an application for a way leave needs to be submitted to SANRAL prior to any construction work.</p>	Mrs Colene Runkel, SANRAL, Reply received via email, 25 <sup>th</sup> February 2011.	Noted.
9.	Enquired as to why are there three (3) alternative corridors	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	Alternatives, i.e. corridors, are required in terms of the EIA Regulations, and it is to ensure that the most environmentally appropriate corridor is identified and submitted to the competent authority for consideration and decision-making.

No.	Issue	Raised by	Response
10.	It was enquired as to how wide the servitude will be.	Opperman, Pieter Electrical Engineer	Eskom responded that the width of the registered servitude will be 55m, i.e. 27.5m on each side of centre line.
11.	Asked why the project requires such a large study area.	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	The study area as indicated on the locality map by the red oval provides the project team the flexibility to assess any possible environmental issues which might occur in the immediate surrounding areas of the alternative power line corridors. This assists the project team in identifying an environmentally acceptable corridor for the proposed power line.
12.	Enquired as to why the proposed Aggeneis-Oranjemond power line is required.	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	There are two reasons for this proposed project: <ul style="list-style-type: none"> <li>• To be able to evacuate electricity into South Africa from the gas fields which were discovered in Namibia; and</li> <li>• To strengthen the electricity network in the area to avoid outages. The existing network is reaching its capacity and is served by one 220kV power line. Currently the network is under severe stress.</li> </ul>
13.	Enquired what the capital investment for this proposed project will be.	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	The capital investment for the construction of a 400kV power line is high and construction cost on average between R2m and R3m per kilometre. This amount can be higher or lower, depending on the topography of the area.
14.	It was enquired as to what the timelines for the project would be should the EIA process run smoothly and DEA approves the project.	Brandt, Madelein Municipal Manager, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	Should the EIA process run smoothly, it is envisaged that the Department of Environmental Affairs (DEA) might issue the Environmental Authorisation in October 2011.  Negotiations with affected landowners could take about two (2) years and once the servitude negotiations are done, construction will commence. It is envisaged that construction could start around 2013 (Eskom).

No.	Issue	Raised by	Response
15.	Enquired as to where the Oranjemond Substation is located i.e. on the South African or Namibian side of the border.	Chairman, Nama Khoi Local Municipality, Minutes of Focus Group meeting	The substation is located on the South African side of the border.
16.	The project team was informed that a portion of the northern section of the Goegap Nature Reserve was purchased by the WWF and that they need to form part of the consultation process as Corridor 3 will negatively impact that portion of the Nature Reserve.	Jonk, Maxie Goegap Nature Reserve Manager, Minutes of Focus Group meeting	Contact will be made with the WWF and it was requested that the contact person and contact details be forwarded to the project team.
17.	It was enquired as to what advantage will the proposed project have for the community.	Swartbooi, Desire Ward Councilor for Khai-Ma Local Municipality, Minutes of Focus Group meeting	<p>Direct benefits will be limited although indirectly the proposed project will ensure uninterrupted supply of electricity in the area.</p> <p>In terms of job opportunities, it can be said that due to the fact that the construction of power lines, especially high voltage power lines such as a 400kV power line, requires highly skilled technicians, job creation would be limited to unskilled personnel. There could be some spin-offs such i.e. foundation excavations.</p> <p>Eskom will appoint a contractor who has its own skilled labour force. Should the contractor require assistance with unskilled and semi-skilled tasks, Eskom would advise the contractor to make use of local labour.</p>
18.	Requested that should the project be approved and local labour is required, that these be sourced from the Khai-Ma Local Municipality as they have a workers registration roll of all the skills that are locally available.	Swartbooi, Desire Ward Councilor, Khai-Ma Local Municipality, Minutes of Focus Group meeting	Savannah Environmental requested that such information be formally submitted to the project team.
<b>Ecology</b>			
19.	The Draft Scoping Report for the proposed project has been reviewed by our Department	Mrs Lucille Karsten, DENC, Reply received via fax, 7 <sup>th</sup>	The possible impact of the proposed development on the vegetation of the affected area will be determined by

No.	Issue	Raised by	Response
	and does not have any objections subject to the following being addressed: <ul style="list-style-type: none"> <li>• A detailed botanical assessment must be done along the proposed power line route, especially in the Richtersveld area, as the area is deemed as a hotspot area.</li> </ul>	March 2011.	means of undertaking a detailed Ecological Impact Assessment by the relevant specialist as part of the EIA study.
20.	The Ecology report mentions nature reserves as "no-go" areas however no "no-go" areas are mentioned in the main Draft Scoping Report.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	Statutory reserves, including National Parks, have the highest level of protection. Private Reserves also provide for conservation of natural areas, but do not have the same level of legal protection. Existing protected areas are considered to be "no go" areas in terms of future development. The Final Scoping Report has been amended to include formally protected areas as "no-go" areas.
21.	The Goegap Nature Reserve falls under the Protected Areas Act and this is not mentioned in the Draft Scoping Report. Many Protected Areas have been selected and registered, but only recently, and therefore they are still in process, which makes some of them hard to identify.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	This information has been added to the final scoping report and will be considered further in the detailed EIA studies.
22.	Alternative 3 traverses sections of the Richtersveld National Park.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	Alternatives 1 and 2 of the power line pass through the middle of a small outlier of the Richtersveld National Park, which is situated just inland of Port Nolloth. This National Park is protected by law and will subsequently have to be avoided by the power line route.
23.	There are a number of sensitive biodiversity areas to the northeast of our reserve. There may also be plans for expansion of our reserve into some of these areas.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	Noted. Sensitive Biodiversity areas will be identified and evaluated by means of a detailed Ecological Impact Assessment as part of the EIA process and will be considered in the nomination of a preferred alternative corridor.

No.	Issue	Raised by	Response
<b>Social</b>			
24.	How will the project affect local communities?	Bulelani Mahlombe , Le Bulu Enterprise, reply form received via fax, 08 November 2010.	The main negative impacts expected as a result of the project are associated with the intrusion impacts associated with the construction phase and the permanent visual impact of the power line with possible subsequent negative social consequences. Refer to the Social Impact Assessment (Appendix K) for detailed social impacts. Social issues will be further investigated in the EIA phase.
25.	Would sub consultation be considered?	Bulelani Mahlombe , Le Bulu Enterprise, reply form received via fax, 08 November 2010.	The project would mostly require highly skilled individuals. In terms of their procurement policy, Eskom are only allowed to use suppliers from their vendor list. To become part of the project team, please register your business as a vendor with Eskom.
26.	Indicate the transparency of the project phase.	Bulelani Mahlombe, Le Bulu Enterprise, reply form received via fax, 08 November 2010.	The Environmental Impact Assessment (EIA) will cover all details of potential impacts on the surrounding biophysical and social environments by the proposed project. This process involves a public participation process, the aims of which are to provide the public with information on the proposed project and invite comments.
26.	Requested that the possibility of job opportunities that could arise from this proposed project must be looked at as various mines in the area had closed down and the unemployment rate is high.	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	The social impact assessment specialist will assess and address this issue during the impact phase.
27.	Requested that the project team must ensure that the community is involved in the proposed project.	Van den Heever, Frank Mayor, Minutes of Focus Group meeting with Nama Khoi Local Municipality.	The purpose of the public participation process and the Focus Group meetings serves as one of the consultation methods to ensure that communities within the study are made aware of the proposed project.
28.	We have issues with the power lines associated with these projects. Construction camps	Goegap Reserve Manager, Minutes of meeting, 15	Unfortunately, this seems to be a common issue with power line projects in South Africa. All potential security

No.	Issue	Raised by	Response
	associated with construction of the line bring security problems. Once constructed the maintenance crew leave gates unlocked etc.	February 2011	issues will be addressed as part of the Social Impact Assessment during the EIA phase. In addition, measures which must be implemented during the construction and operation phase to ensure safety and security will be included in the Environmental Management Programme (EMP) for the project. The EMP is a legally binding document which will form part of the contract with the Contractor, and will be used to audit compliance of the project activities.
<b>Visual</b>			
29.	The visual impact will be worst with alternative one.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	Comment noted. The possible visual impacts will be assessed through the visual impact assessment to be undertaken during the EIA phase.
<b>Access</b>			
30.	With Alternative 1 access to the line, once constructed, could be difficult, especially in the sections where it goes through our reserve. I think the best option is a combination of Alternative 2 and 3.	Goegap Reserve Manager, Minutes of meeting, 15 February 2011	Comment noted. The most viable option for the power line route will be determined during the EIA phase by means of taking into consideration the recommendations made by the various specialists as well as input from the public participation process.
<b>Heritage</b>			
31.	The specialist included in his report a brief and complete background history of the specific area from the Earlier Stone Age to the Colonial Period. From an Archaeological perspective, Line 1 seems to be the preferred option as it is not planned to cross the Springbok Steinkopf area which retains some of the earliest evidence of large scale copper mining and it is currently considered in the nomination list for being declared a world Heritage site. Other areas of possible sensitivity are sections around hills or rocky features, sandy spots near	SAHRA, comment received 5 April 2011	The preferred power line route will be determined during the EIA phase as a result of the specialist studies to be undertaken. A palaeontological desktop study for the proposed project will be undertaken by the relevant specialist. The built environment will also be assessed as part of the heritage impact assessment to be undertaken during the EIA phase.

No.	Issue	Raised by	Response
	<p>sheltering rocks and areas around pans and where rainwater collects on the surface of the plains.</p> <p>Therefore SAHRA supports the recommendations by the specialist and requires that an impact assessment of all heritage resource3s is undertaken during the EIA phase. Please note that besides archaeology, palaeontology and other heritage resources such as the built environment must be assessed.</p> <p>Decisions on the Built Environment and Cultural Landscapes and associated Living Heritage must be made by the Provincial Heritage Resources Authority of the Northern Cape Province to whom this Archaeological review comment will be copied.</p>		

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS**  
**ISSUES AND RESPONSES REPORT – DRAFT SCOPING REPORT**  
**PROPOSED AGGENEIS-ORANJEMOND 400Kv TRANSMISSION POWER LINE AND**  
**SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**  
**DRAFT MINUTES OF DISCUSSION POINTS**  
**FOCUS GROUP MEETING: KHAI-MA LOCAL MUNICIPALITY**  
**MONDAY 14 FEBRUARY 2011**

**INDEX TO ISSUES IN THIS TABLE**

1. **Social and Socio-Economic Related Comments/Issues ..... 2**

Issue/Comment	Raised By	Response
<b>1. Social and Socio-Economic Related Comments/Issues</b>		
<p>Dit was verneem watter voordeel sal die gemeenskap uit die projek kry.</p> <p><b>Translation:</b> It was enquired as to what advantage will the propose project have for the community.</p>	<p>Swartbooi, Desire Raadslid</p>	<p>Daar is nie veel direkte voordele nie, maar wel indirekte voordele soos bv ononderbroke elektrisiteit voorsiening aangesien die projek ten doel het om die elektrisiteitsnetwerk in die area sal versterk.</p> <p><b>Savannah Environmental</b> <b>Translation:</b> Direct benefits will be limited although indirectly the proposed project will ensure ininterrupted supply of electricity in the area.</p> <p><b>Savannah Environmental</b></p> <p>In terms of job opportunities, it can be said that due to the fact that the construction of power lines, especially high voltage power lines such as a 400kV power line, requires highly skilled technicians. There could be some spin-off such i.e. traffic control.</p> <p>Eskom appoints a constructor who has its own labour force. Should the contractor requires assistance with traffic control etc, Eskom advice the contractor to make use of local labour.</p> <p><b>Eskom</b></p>
<p>Versoek die projekspan dat wanneer die projek wel goedgekeur word en plaaslike gemeenskapslede se dienste aangewend kan word, dat daar van die Khai-Ma Plaaslike Munisipaliteit se werkersrol gebruik gemaak word aangesien die werkersrol alle plaaslike bekwaamde gemeenskapslede verteenwoordig.</p> <p><b>Translation:</b> Requested that should the project be approved and local labour is required, that these be sourced from the Khai-Ma Local Municipality as they have a workers registration roll of all the skills that are locally available.</p>		<p>Bedank die Raadslid vir die waardevolle inligting en versoek haar om die inligting ook amptelik deur te gee.</p> <p><b>Translated:</b> Thank the Councillor for the valuable information and requested that such information be formally submitted to the project team.</p> <p><b>Savannah Environmental</b></p>

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS**  
**ISSUES AND RESPONSES REPORT – DRAFT SCOPING REPORT**  
**PROPOSED AGGENEIS-ORANJEMOND 400Kv TRANSMISSION POWER LINE AND**  
**SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**  
**DRAFT MINUTES OF DISCUSSION POINTS**  
**FOCUS GROUP MEETING: NAMA KHOI LOCAL MUNICIPALITY**  
**TUESDAY 15 FEBRUARY 2011**

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2.	<b>Corridor Alternatives Comments/ Issues .....</b>	<b>2</b>
3.	<b>Servitude Related Comments/ Issues .....</b>	<b>2</b>
4.	<b>Project Related Comments/ Issues .....</b>	<b>2</b>
5.	<b>General Comments/ Issues .....</b>	<b>4</b>

Issue/Comment	Raised By	Response
<b>1. Social and Socio-Economic Related Comments/Issues</b>		
<p>Versoek dat daar na moontlike werkskeppingsgeleenthede gekyk moet word wat uit die projek kan voorspruit aangesien heelwat myne in die area toegemaak het en werkloosheid hoog is.</p> <p><b>Translation:</b> Requested that possibility of job opportunities that could arise from this proposed project must be looked at as various mines in the area had closed down and the unemployment rate is high.</p>	<p>Van den Heever, Frank Mayour</p>	<p>Die spesialis wat die sosiale impak studie doen sal hierdie aspek aanspreek tydens die impak fase.</p> <p><b>Translation:</b> The social impact assessment specialist will assess and address this issue during the impact phase.</p> <p><b>Savannah Environmental</b></p>
<p>Versoek die projekspan om die gemeenskap betrokke te kry by die voorgestelde projek.</p> <p><b>Translation:</b> Requested that the project team must ensure that the community is involved in the proposed project.</p>		<p>Die doel van die openbare deelname proses en die aanbieding tydens die vergadering het dit ten doel om die gemeenskappe binne die studie area bewus te maak van die voorgestelde projek.</p> <p><b>Translation:</b> The purpose of the public participation process and the presentation at the meeting serves as one of the consultation methods to ensure that communities within the study area are made aware of the proposed project.</p> <p><b>Savannah Environmental</b></p>
<b>2. Corridor Alternatives Comments/ Issues</b>		
<p>Vra waarom is daar drie (3) alternatiewe korridors.</p> <p><b>Translation:</b> Enquired as to why are there three (e) alternative corridors</p>	<p>Van den Heever, Frank Mayour</p>	<p>Die OIE Regulasies vereis dat alternatiewe deel van die bestekopnamestudie uitmaak sodat die mees omgewingsaanvaarbare korridor aan die besluitnemende owerheid voorgelê kan word vir besluitneming.</p> <p><b>Translation:</b> Alternatives, i.e. corridors, are required in terms of the EIA Regulations, and it is to ensure that an environmentally friendly corridor is identified and submitted to the decision-making authority for their decision.</p> <p><b>Savannah Environmental</b></p>
<b>3. Servitude Related Comments/ Issues</b>		
<p>Verneem na die wydte van die serwitut.</p> <p><b>Translation:</b> It was enquired as to how wide will the serwitute be.</p>	<p>Opperman, Pieter Electrical Engineer</p>	<p>Die geregistreerde wydte vir 'n 400kV kraglyn is 55m, menende van die middellyn is die serwitut 27.5m aan beide kante.</p> <p><b>Translation:</b> The width of the registered servitude will be 55m i.e 27.5m from centre line.</p> <p><b>Eskom</b></p>
<b>4. Project Related Comments/ Issues</b>		
<p>Verneem waarom so 'n groot studie area.</p> <p><b>Translation:</b> Asked why the project requires such such large study area.</p>	<p>Van den Heever, Frank Mayour</p>	<p>Die studie area, aangedui deur die rooi sirkel, verleen die projekspan die ruimheid om 'n omgewingsaanvaarbare korridor vir die kraglyn te ondersoek.</p> <p><b>Translation:</b> The red circle, indicating the study area, provides the project team the</p>

Issue/Comment	Raised By	Response
<p>Verneem wat is die doel van die voorgestelde Aggeneis-Oranjemond kraglyn.</p> <p><b>Translation:</b> Enquired as to why the proposed Aggeneis-Oranjemond power line is required.</p>		<p>flexibility to identify and assess an environmental acceptable corridor for the proposed power line.</p> <p><b>Savannah Environmental</b></p> <p>Daar is twee redes vir die voorgestelde projek:</p> <ul style="list-style-type: none"> <li>• Om elektrisiteit aan die gasvelde wat in Namibië geleë en ontwikkel word te kan bedien; en</li> <li>• Om die elektrisiteitnetwerk in die area te versterk om beurtkrag te vermy en tans word die area met een 220kV kraglyn bedien. Die huidige netwerk is onder geweldige stress.</li> </ul> <p><b>Translation:</b> There are two reasons for this proposed project:</p> <ul style="list-style-type: none"> <li>• To provide electricity to the existing gas fields in Namibië and those that still need to be established; and</li> <li>• To strengthen the electricity network in the area to avoid outages. The existing network is reaching its capacity and is served by one 220kV power line. Currently the network is under severe stress.</li> </ul> <p><b>Eskom</b></p>
<p>Verneem wat is die kapitale investering van die voorgestelde projek.</p> <p><b>Translation:</b> Enquired what the capital investment for this proposed project will be.</p>		<p>Die kapitale uitleg, konstruksie, vir 'n 400kV kraglyn is hoog en daar kan gekyk word na 'n gemiddelde bedrag van R2m tot R3m per kilometer kraglyn. Die konstruksie koste kan hoer of laer wees, afhangende van die topografie.</p> <p><b>Translation:</b> The capital investment for the construction of a 400kV power line is high and construction cost on average between R2m and R3m per kilometre. This amount can be higher or lower, depending on the topography of the area.</p> <p><b>Eskom</b></p>
<p>It was enquired as to what the timelines for the project would be should the EAI process run smoothly and DEA approves the project.</p>	<p>Brandt, Madelein Municipal Manager</p>	<p>Should the EIA process run smoothly, it is envisaged that the Dept of Environmental Affairs (DEA) might issue the Environmental Authorisation in October 2011.</p> <p><b>Savannah Environmental</b></p> <p>Negotiations with affected landowners could take about two (2) years and once the servitude negotiations are done, will construction starts. It is envisaged that construction could start around 2013.</p> <p><b>Eskom</b></p>

Issue/Comment	Raised By	Response
<b>5. General Comments/ Issues</b>		
<p>Verneem waar is Oranjemond Substasie geleë nl aan Suid-Afrika se kant van die grens of in Namibië.</p> <p><b>Translation:</b> Enquire as to where the Oranjemond Sustation is located i.e. on the South African side of the border or Namibia.</p>	<p>Voorsitter, Nama Khoi Plaaslike Munisipaliteit</p>	<p>Die substasie is by die grens aan die Suid-Afrikaanse kant.</p> <p><b>Translation:</b> The substation is located on the South African side of the border.</p> <p><b>Savannah Environmental</b></p>



PROPOSED AGGENEIS -  
ORANJEMOND 400kV  
TRANSMISSION LINE AND  
SUBSTATIONS UPGRADE,  
NORTHERN CAPE PROVINCE  
FOCUS GROUP MEETING

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***Savannah Environmental (Pty) Ltd***

**Address:** PO Box 148  
Sunninghill, 2157  
**Tel:** 011 234 6621  
**Fax:** 086 684 0547  
**E-mail:** john@savannahsa.com

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MINUTES OF MEETING WITH GOEGAP  
NATURE RESERVE

Held on  
Tuesday, 15 February 2011  
Venue: Geogap Nature Reserve

**Notes for the Record prepared by:**

**Savannah Environmental**

Please address any comments to Savannah Environmental at the above address.

**EIA PROCESS FOCUS GROUP MEETING:  
PROPOSED AGGENEIS - ORANJEMONND 400KV TRANSMISSION LINE AND SUBSTATIONS  
UPGRADE**

**Venue:** Goegap Nature Reserve  
**Date:** 15 February 2011  
**Time:** 14h00 – 15h00

**WELCOME AND INTRODUCTION**

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Nicolene Venter, process facilitator from Sivest, welcomed all the stakeholders to the focus group meeting. She highlighted the objectives of the meeting and gave a brief outline of the proposed project. Gerhard Cronje from Savannah Environmental explained the locality map and alternative power line routes to the reserve managers.

**MEETING ATTENDEES**

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<b>Name</b>	<b>Organisation &amp; Position</b>
Nicolene Venter	Sivest
John von Mayer	Savannah Environmental
Gerhard Cronje	Savannah Environmental
Goegap Reserve Managers	Goegap Nature Reserve

**APOLOGIES**

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No apologies were received.

**BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT**

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Gerhard Cronje provided a brief background to the project and presented the preliminary findings of the environmental studies undertaken.

## DISCUSSION SESSION

Question / Comment	Response
Goegap Reserve Manager: The visual impact will be worst with alternative one.	Comment noted.
Goegap Reserve Manager: The Ecology report mentions nature reserves as no-go areas however no no-go areas are mentioned in the main EIA report.	Gerhard Cronje responded that the EIA report would be amended to include these as “no-go” areas.
Goegap Reserve Manager: The northern section of the Goegap Nature Reserve was purchased by the WWF. Corridor 3 will negatively impact that portion of the Nature Reserve.	Nicolene Venter responded that comment will be made with the WWF as part of the public participation process.
Goegap Reserve Manager: We fall under the Protected Areas Act and this is not mentioned in the EIA reporting. Many Protected Areas have been selected and registered, but only recently, they are still in process, which makes some of them hard to identify.	Gerhard Cronje responded that this information would be passed on to the Ecologist.
Goegap Reserve Manager: Alternative 3 traverses sections of the Richtersveld National Park.	Gerhard Cronje responded that the team was unaware of the location of some of the smaller sections of the Richtersveld National Park and that these would need to be mapped by the Ecologist prior to selecting a preferred route for the power line.
Goegap Reserve Manager: We have issues with the power lines associated with these projects. Construction camps associated with construction of the line bring security problems. Once constructed the maintenance crew leave gates unlocked etc.	John von Mayer noted their concern can be commented that this is a common issue with power line projects in South Africa.
Goegap Reserve Manager: With Alternative 1 access to the line,	Comment noted.

Question / Comment	Response
once constructed, could be difficult, especially in the sections where it goes through our reserve. I think the best option is a combination of Alternative 2 and 3.	
Goegap Reserve Manager: There are a number of sensitive biodiversity areas to the northeast of our reserve. There may also be plans for expansion of our reserve into some of these areas.	Comment noted.

## WAY FORWARD AND CLOSURE

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Gerhard Cronje indicated that the draft Scoping Report has been made available for public review at the following public places in the project area from **3 February 2011 to 4 March 2011**:

- » Aggeneys Public Library
- » Springbok Public Library
- » Steinkopf Public Library
- » Port Nolloth Public Library
- » Alexander Bay Public Library

The report is also available on: [www.savannahSA.com](http://www.savannahSA.com). Nicolene Venter thanked all for their attendance and participation in the focus group meeting and stated that any queries or communication should be sent to her or Savannah Environmental.

The meeting closed at 15h00.

Air Traffic and Navigation Services Company Limited

Private Bag x15 Kempton Park 1620 Tel +27 11 961 0100 Fax +27 11 392 3968  
www.atns.com



Ms Nicolene Venter  
SiVEST SA (Pty) Ltd  
Environmental Division  
P O Box 2921  
Rivonia  
2128

Dear Ms Venter

**PROPOSED AGGENEIS ORANJEMOND 400kV TRANSMISSION POWER LINE AND  
SUBSTATIONS UPGRADE, NORTHERN CAPE – DEA REF 12/12/20/2041**

1. Your Notice of the environmental impact process dated 19 January 2010 associated with the aforementioned project refers.
2. After evaluating the three options presented ATNS wishes to record its position as:
  - 2.1 From the perspective of Communications, Navigation and Surveillance the establishment of the transition power lines conforming to the specifications provided, and located along the routes identified will have no negative impact on current ATNS operations.
  - 2.2 The impact of this structure on ATM was evaluated and will have no impact on current Air Traffic Service provision.
  - 2.3 A copy of this Letter will be provided to the South African Civil Aviation Authority (SACAA).

Kind regards



Matthys C Horak  
ATM & AIS Specialist  
ATM Planning Department  
Tel: 011 961 0307  
Cel: 079 879 3654  
E- mail: thysh@atns.co.za

ATNS/HO/C01/03/01"PWR line Aggeneis-Oranjemund	Page 1 of 1	17 March 2011
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Company Registration No. 1993/004150/006



Directors: MD Mamashela (Chairman) PK Dlamini (Chief Executive Officer)  
AJ Bradshaw JB Crawford JM Maisela HT Makhathini Dr K Parker  
Company Secretary: S Mngomezulu



# MUNISIPALITEIT - RICHTERSVELD - MUNICIPALITY

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 E-mail: [port@lantic.net](mailto:port@lantic.net)  
 PORT NOLLOTH  
 8280

Rig alle korrespondensies  
 aan die  
 Munisipale Bestuurder

Address all correspondence  
 to the  
 Municipal Manager



DATUM/DATE: 08/10/11

AAN/TO: Alicia Groender

AANDAG/ATTENTION: Alicia Groender

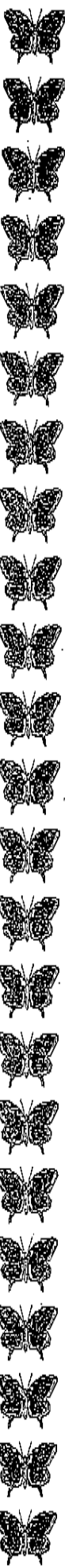
FAKSNO./  
 FAX NR.: 086 684 0547

VAN/FROM: Bulelani Makhoubu

AANTAL BLADSYE VOLG/PAGES TO FOLLOW: 1

BOODSKAP/MESSAGE:

Response of the Public Involvement Process Reply.



# ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED AGGENEIS - ORANJEMOND 400KV TRANSMISSION LINE AND SUBSTATION UPGRADE, NORTHERN CAPE PROVINCE

DEA Ref No. 12/12/20/2041

## PUBLIC INVOLVEMENT PROCESS REPLY FORM

Return completed reply form to: **Alicia Govender** of **Savannah Environmental (Pty) Ltd**

Fax: **086 684 0547**

Phone: **011 234 6621**

E-mail: **alicia@savannahsa.com**

Postal Address: **PO Box 148, Sunninghill, 2157**

### Please provide your complete contact details:

Name & Surname:	<i>Bulelani Makhwane</i>		
Organisation & Designation:	<i>Le bulle Enterprise</i>		
Postal Address:	<i>2395 Lize Street Port Molloth</i>		
Telephone:	<i>027 851 1111</i>	Cellphone:	<i>071 567725</i>
Fax:	<i>027 851 1101</i>	E-mail:	<i>lencade@richtersveld.gov.za</i>

**Would you like to register as an interested and affected party (I&AP)?** YES  NO   
 (please tick the relevant box)

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project

**Please state your interest in the project** (add additional pages if necessary):

*To take part in the construction activity*

**Please list your questions, views or concerns regarding the project** (add additional pages if necessary):

- How will it (the project) affect local communities?*
- Sub-consultation would they be considered?*
- Indicate the transparency of the project phase?*

**Please provide contact details of other persons who you regard as a potential interested or affected party:**

Name & Surname:	<i>Bulelani Makhwane</i>		
Organisation & Designation:	<i>Le bulle Enterprise</i>		
Postal Address:	<i>2395 Lize Street, Port Molloth 8250</i>		
Telephone:	<i>027 851 1111</i>	Cellphone:	<i>071 567725</i>
Fax:	<i>027 851 1101</i>	E-mail:	<i>lencade@richtersveld.gov.za</i>

**What is your preferred language of correspondence?** (please tick the relevant box) English  Afrikaans



This assessment is being conducted on behalf of Eskom  
 (Sien keersy vir Afrikaans)



DEPARTMENT OF ENVIRONMENT AND NATURE CONSERVATION

ISEBE LEZENDALO NEZOLONDOLOZO

LEFAPHA LA, TIKOLOGO LE TSHOMARELOYA TLHAGO

DEPARTEMENT VAN OMGEWING EN NATUUR BEWARING

C/O Maggasyn and  
Voortrekker Street  
Private Bag X16  
SPRINGBOK  
8240

C/O Maggasyn and  
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Inqowa yeposi X16  
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SPRINGBOK  
8240

C/O Maggasyn and  
Voortrekker Street  
Privaatsak X16  
SPRINGBOK  
8240

Fax:(027) 7188814

FACSIMILE TRANSMITTAL SHEET

TO: MR. G. CRONJE	DATE: 07 MARCH 2011
ORGANISATION: SAVANNAH ENV.	
FAX NUMBER: 086 684 0547	
PHONE NUMBER:	
FROM: LUCILLE KARSTEN	
TEL: (027) 718-8800	
FAX: (027) 718-8814	
EMAIL: lucillekarsten@yahoo.com	
NO. PAGES: (including cover page)	
SUBJECT: 12/12/20/2011	
MESSAGE: Please find attached.	




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 DEPARTMENT OF ENVIRONMENT AND NATURE CONSERVATION
 

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 ISEBE LEZENDALO NEZOLONDOLOZO
 

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 LEFAPHA LA, TIKOLOGO LE TSHOMARELOYA TLHAGO
 

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 DEPARTEMENT VAN OMGEWING EN NATUUR BEWARING
 

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 C/O Maggasyn and  
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 C/O Maggasyn and  
 Voortrekker Street  
 Kgetsanaposo X16  
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 C/O Maggasyn and  
 Voortrekker Street  
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Tel: (027) 7188800

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Enquiries :  
 Dipatlisiso : L. Karsten  
 Navrae :  
 Imibuzo :

Date :  
 Letlha: 15 February 2011  
 Datum :  
 Umhla :

Reference :  
 Tshupelo :  
 Verwysing : DEA Ref: 12/12/20/2041  
 Isalathiso :

**Att:** Mr. Mogole Mpatlele

Department of Environmental Affairs  
 Pretoria

Fax no: **012 322 2682**

**Dear Sir**

**APPLICATION FOR ENVIRONMENTAL AUTHORIZATION: PROPOSED AGGENEIS-ORANJEMUND 400KV TRANSMISSION POWER LINE AND SUBSTATIONS UPGRADE, NAMAKWA DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE**

This letter serves to inform you that the draft Scoping Report for the abovementioned project (DEA Ref: 12/12/20/2041) has been reviewed by our department and does not have any objections, subject to the following being addressed:

- A detailed botanical survey must be done along the proposed power line route, especially in the Richtersveld area as the area is deemed as hotspot area.
- Access roads as well as new roads to be constructed need to be clearly indicated on maps.

Thank you

Yours sincerely,



□□□□□□□□□□□□□□□□□□□□□□

Ms. L. Karsten  
Environmental Officer: Impact Management  
Date: 07 March 2011

*Cc: Savannah Environmental  
Mr. G. Cronje  
Fax: 086 684 0547*

**OMGEWINGSIMPAKSTUDIE PROSES: DIE VOORGESTELDE AGGENEIS-ORANJEMOND  
400KV TRANSMISSIE LYN EN SUBSTASIE OPGRADERING, NOORD-KAAPROVINSIE**

DEA Verw No. 12/12/20/2041

**OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM**

Stuur asb u voltooide registrasie vorm aan: **Nicolene Venter** of **SIVEST Environmental Division**

Faks: **011 803 7272**

Tel: **083 377 9112**

Epos: **nicolene@sivest.co.za**

Postal Address: **PO Box 2921, Rivonia, 2128**

**Verskaf asseblief u persoonlike kontak besonderhede:**

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

Mnr. A. J. Vos	
Alexkor Protea Coen Sekuriteit Bestuurder	
Buis 231	
Port Nolloth	
027 851 7324	Selfoon: 073 206 8 011
027 851 8451	Vonkpos:

(X) (X)

E-pos **VOS@Kingsleymail.co.za**

Stel u belang om te registreer as 'n belangstellende en/of geaffekteerde party (B&GP)? (Merk met X)  JA  NEE

<input checked="" type="checkbox"/>
<input type="checkbox"/>

Nota: Dit word van u vereis om te registreer as 'n B&GP om alle toekomstige inligting in verband met die Omgewingsimpakevalueringproses te ontvang.

**Verduidelik u belangstelling in hierdie projek** (gebruik addisionele bladsye indien nodig):

EK is 'n inwoner en huis eienaar in Port Nolloth en is werksaam in die distrik. Die Kraglyn roete is beperk deur die Alexkor myn gebied wat deel is van ons verantwoordelike taak.

Lys u vrae, opinies of besorghede in verband met hierdie projek (gebruik addisionele bladsye indien nodig):

EK sal per Epos reageer.  
Dankie

**Verskaf bykommende kontak besonderhede van addisionele persoon/e wie u beskou as potensiële belangstellende en/of geaffekteerde partye:**

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

	Selfoon:
	E-pos:

Dui u taal van keuse en korrespondensie aan (Merk met X)

Engels

Afrikaans

<input type="checkbox"/>
<input checked="" type="checkbox"/>



Hierdie studie word namens Eskom onderneem (Sien omkeer bladsy vir Engels)

OMGEWINGSIMPAKSTUDIE PROSES: DIE VOORGESTELDE AGGENEIS - ORANJEMOND  
400kV TRANSMISSIE LYN EN SUBSTASIE OPGRADERING, NOORD-KAAPROVINSIE

DEA Verw No. 12/12/20/2041

OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur asb u voltooide registrasie vorm aan: Alicia Govender van Savannah Environmental (Pty) Ltd

Faks: 086 684 0547

Tel: 011 234 6621

Epos: alicia@savannahsa.com

Pos Adres: Posbus 148, Sunninghill, 2157

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

Madelein Brandt		
Munisipale Bestuurder: Nama Khoi Munisipaliteit		
Posbus 17, Springbok		
8240		
027-71 88101	Selfoon:	
027-71 21635	Vonkpos:	

Stel u belang om te registreer as 'n belangstellende en/of geaffekteerde party (B&GP)? (Merk met X) JA  NEE

Nota: Dit word van u vereis om te registreer as 'n B&GP om alle toekomstige inligting in verband met die Omgewingsimpakevalueringproses te ontvang.

Verduidelik u belangstelling in hierdie projek (gebruik addisionele bladsye indien nodig):

Beoogde projek val binne Nama Khoi regsgebied

Lys u vrae, opinies of besorghede in verband met hierdie projek (gebruik addisionele bladsye indien nodig):

Verskaf bykommende kontak besonderhede van addisionele persoon/e wie u beskou as potensiële belangstellende en/of geaffekteerde partye:

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

Russel Hartley		
Hoof: Ekonomiese ontwikkeling		
Posbus 17, Springbok, 8240		
027-71-88152102	Selfoon:	0828027671
027-71 21635	E-pos:	rhartley@namakhoi.org.za

Dui u taal van keuse en korrespondensie aan (Merk met X)

Engels

Afrikaans



Hierdie studie word namens Eskom onderneem  
(Sien omkeer bladsy vir Engels)

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS; PROPOSED AGGENEIS-ORANJEMOND 400KV TRANSMISSION LINE AND SUBSTATION UPGRADE, NORTHERN CAPE PROVINCE**

DEA Ref No. 12/12/20/2041

**PUBLIC INVOLVEMENT PROCESS REPLY FORM**

Return completed reply form to: **Nicolene Venter** of **SIVEST Environmental Division**  
 Fax: **011 803 7272** Phone: **083 377 9112**  
 E-mail: **nicolene@sivest.co.za**  
 Postal Address: **PO Box 2921, Rivonia, 2128**

**Please provide your complete contact details:**

Name & Surname:	MATTHYS C HORNIK		
Organisation & Designation:	ATNS		
Postal Address:	KEMPTON PARK 1690 PRIVATE BAG X15		
Telephone:	011 961 0307	Cellphone:	079 879 3654
Fax:	011 961 0447	E-mail:	thys@atns.co.za

**Would you like to register as an Interested and affected party (I&AP)?** YES  NO   
 (please tick the relevant box)

**Note:** Please register as an I&AP to receive further correspondence regarding the EIA process for the project

**Please state your interest in the project** (add additional pages if necessary):

PROTECTION OF ATNS SERVICE DELIVERY

**Please list your questions, views or concerns regarding the project** (add additional pages if necessary):

REQ ADDITIONAL INFO PAID UPON RECEIPT, WITH CONDUCT EVALUATION AND PROVIDE ATNS POSITIONS

**Please provide contact details of other persons who you regard as a potential Interested or affected party:**

Name & Surname:			
Organisation & Designation:			
Postal Address:			
Telephone:		Cellphone:	
Fax:		E-mail:	

**What is your preferred language of correspondence?** (please tick the relevant box) English  Afrikaans



This assessment is being conducted on behalf of Eskom  
 (Sten keersy vir Afrikaans)

## Ravisha Ajodhapersadh

---

**From:** Colene Runkel (WR) <Runkelc@nra.co.za>  
**Sent:** 25 February 2011 02:53 PM  
**To:** 'gerhard@savannahsa.com'  
**Subject:** PROPOSED AGGENEIS - ORANJEMOND 400KV TRANSMISSION POWER LINE AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE DEA REF NO: 12/12/20/2041

**Importance:** High

Dear EIA Consultant

Thank you for the Notification dated 3 February 2011.

Both the N7 (Springbok) and the N14 (near Aggeneis) is proclaimed national roads.

If a National Road will be affected being it crossing or parallel to the national road, an application for a way leave needs to be submitted to SANRAL prior to any construction work.

Kind Regards



**Ms Colene Runkel**  
**Statutory Control**  
Tel: +27 21 957 4613  
Fax: +27 21 946 1630  
Cell:  
Email: [Runkelc@nra.co.za](mailto:Runkelc@nra.co.za)



---

**Western Region**  
Parc du Cap Building 5 cnr Mispel Street & Willie van Schoor Avenue  
Private Bag X19  
[www.nra.co.za](http://www.nra.co.za)  
**SANRAL Fraud Hotline: 0800204558**

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If verification is required please request a hard-copy version. The South African National Roads Agency Ltd, PO Box 415, Pretoria, 0001, South Africa, Tel +27-(0)12 4266000, [www.nra.co.za](http://www.nra.co.za).

This Disclaimer is deemed to form part of the content of this email in terms of Section 11 of the Electronic Communications and Transactions Act, 25 of 2002.

## Ravisha Ajodhapersadh

---

**From:** Nicolene Venter <NicoleneV@sivest.co.za>  
**Sent:** 20 January 2011 02:09 PM  
**To:** Alicia Govender; Gerhard Cronje  
**Subject:** FW: Proposed Aggeneis-Oranjemond Project/OIE: Voorgestelde Aggeneis-Oranjemond Projek

Hi Alicia and Gerhard

I've already acknowledged receipt of the request for information. Will you be responding directly to the stakeholder or channeled through me?

Kind regards  
Nicolene

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

**From:** Thys Horak [mailto:ThysH@atns.co.za]  
**Sent:** 20 January 2011 11:40 AM  
**To:** Nicolene Venter  
**Subject:** RE: Proposed Aggeneis-Oranjemond Project/OIE: Voorgestelde Aggeneis-Oranjemond Projek

Hi Nicolene

Dankie vir die inligting.

Ek benodig asb die volgende inligting-

- (1) Die geografiese posisie van die begin en die einde van die kragleiding uitgedruk in grade, minute and sekondes asook breukdele van sekondes in die WGS-85 formaat.
- (2) Benodig ook die draaipunte van die kragleiding waar dit van rigting verander uitgedruk soos hierbo verduidelik.
- (3) Die hoogte van die "Pylons" bo grond asook die hoogte bo seevlak van die basis van die "pylons" Slegs die begin en einde asook elke punt waar die kragleiding van rigting verander.
- (4) Die gemiddelde hoogte bo grond van die kragleiding.

Gemelde inligting kan vir elk van die voorgestelde opsies (drie) gegee word.

Sodra ek hierdie inligting het sal ek met die evalueering kan begin. Ek is bewus van die feit dat daar nog nie besluit is watter van die drie opsies wel uitvoer sal word nie

Beste Groete

Matthys C Horak  
Cel 079 879 3654



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

Private Bag X120, Pretoria (Tshwane), 0001  
Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084

**From:** Directorate Land Use and Soil Management  
**Tel:** 012-319-7634 **Fax:** 012-329-5938 **E-mail:** abnrm@nda.agric.za  
**Enquiries:** Helpdesk Ref: 2011\_07\_0060

Sivest Environmental  
P. O. Box 2921  
**RIVONIA**  
2128

2011-07-28

Dear Sirs/Madam

## **ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) FOR THE PROPOSED AGGENEIS ORANJEMOND 400KV POWER LINE AND SUBSTATION UPGRADE, NORTHERN CAPE PROVINCE**

Your letter 10728 Aggeneis-Oranjemond EIA dated 04 July 2011 refers.

The proposed subdivision and extension of the existing town on the above mentioned property is not subject to the provisions of the Subdivision of Agricultural Land Act, 1970 (Act No. 70 of 1970) as the above mentioned property belongs to the municipality (State) . Section 2(a) (i) of Act 70 of 1970 specifies that:

**"2. Actions which are excluded from application of Act**

The provisions of this Act shall not apply in respect of-

- (a)(i) any subdivision of land for the purpose of transferring a portion thereof to the State or a statutory body; ...."

Registrations of transactions on the above property will therefore no longer require a letter from this Department.

Yours faithfully

**DELEGATE OF THE MINISTER: LAND USE AND SOIL MANAGEMENT**



**ENVIRONMENTAL IMPACT ASSESSMENT  
(EIA) PROCESS**

**PROPOSED AGGENEIS-  
ORANJEMOND 400kV  
TRANSMISSION (Tx) POWER  
LINE AND SUBSTATIONS  
UPGRADE, NORTHERN CAPE  
PROVINCE**

---

**Savannah Environmental (Pty) Ltd**

**Name:** John von Mayer

**Address:** PO Box 148  
Sunninghill, 2157

**Tel:** 011 234 6621

**Fax:** 086 684 0547

**E-mail:** john@savannahsa.com

---

**FOCUS GROUP MEETING**



**DISCUSSION DOCUMENT  
OF MEETING HELD WITH LANDOWNERS  
BETWEEN AGGENEYS AND SPRINGBROK  
AND THE  
BOESMANLAND AGRICULTURAL UNION**

---

**Public Participation Practitioner**

**SiVEST Environmental (Pty) Ltd**

**Name:** Nicolene Venter

**Address:** PO Box 2921  
51 Wessels Road  
Rivonia 2128

**Tel:** 011 798 0600

**Fax:** 011 803 7272

**E-mail:** nicolenev@sivest.co.za

---

Held on  
Tuesday 04 October 2011  
Boesmanland Agricultural Union Hall,  
Aggeneys

## TABLE OF CONTENTS

1	WELCOME AND INTRODUCTIONS .....	2
2	MEETING ATTENDEES .....	2
3	PURPOSE OF THE MEETING .....	2
4	PROJECT CONTEXT AND OVERVIEW .....	2
5	DISCUSSION SESSION (QUESTIONS & ANSWERS) .....	2
6	CLOSURE AND WAY FORWARD .....	2

### YOUR COMMENTS ON THE DRAFT MINUTES

Your comments on these draft Minutes will be appreciated. In particular, we request that you verify that your comments during the meeting have been minuted correctly. **It is important to note that the draft Minutes are not verbatim and any comments and questions raised by the technical specialists and the project proponent are not included in the discussion document.**

## **FOCUS GROUP MEETING**

**Venue:** Boesmanland Agricultural Union Hall, Aggeneys  
**Date:** Tuesday, 04 October 2011  
**Time:** 10h00

### **1 WELCOME AND INTRODUCTIONS**

---

Nicolene Venter of SiVEST thanked everyone present for attending the Focus Group Meeting (FGM). She introduced herself and the project team members to all present. The attendees were informed that Savannah Environmental is the independent Environmental Assessment Practitioner (EAP) undertaking the Environmental Impact Assessment (EIA) on behalf of Eskom Transmission who is the proponent.

### **2 MEETING ATTENDEES**

---

A copy of the Attendance Record is attached as Annexure A.

### **3 PURPOSE OF THE MEETING**

---

Nicolene Venter informed the attendees that the purpose of the FGM was to:

- Present a brief project overview;
- Provide feedback on the environmental aspects and assessment as per Draft Environmental Impact Report (DEIR);
- Provide opportunity to become involved and seek clarity on the project; and
- Record comments, issues and concerns raised at the meeting.

### **4 PROJECT CONTEXT AND OVERVIEW**

---

Nicolene Venter presented an overview of the proposed project explaining:

- the Environmental Impact Assessment (EIA) Process;
- the four (4) proposed Alternatives;
- the environmental recommended Alternative (Alternative 4, with a combination of Alternative 2)
- specialist studies undertaken;
- environmental recommendations;
- Conclusions;
- Way Forward.

Refer to Annexure B for further information.

### **5 DISCUSSION SESSION (QUESTIONS & ANSWERS)**

---

Please refer to Annexure C.

### **6 CLOSURE AND WAY FORWARD**

---

Nicolene Venter explained the current status of the EIA process and outlined the proposed dates for the EIA activities going forward.

The meeting was closed at 11h00.

## **Annexure A**

### **ATTENDANCE RECORD**

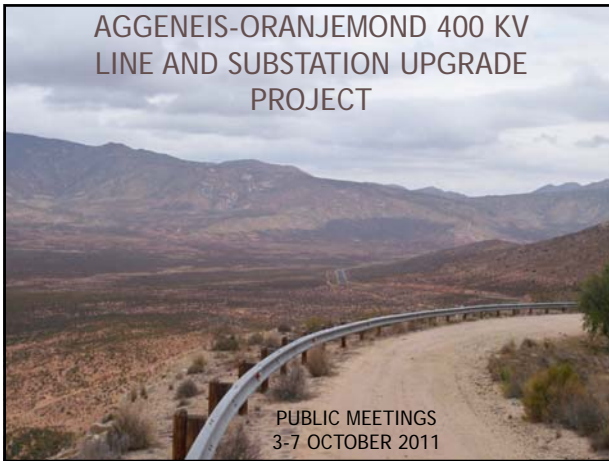
**ENVIRONMENTAL IMPACT ASSESSMENT  
PROPOSED AGGENEIS-ORANJEMOND PROJECT**

**ATTENDANCE RECORD: Focus Group Meeting  
Landowners between Aggeneys and Springbok and Boesmanland Agricultural Union Members  
Tuesday 04 October 2011**

<b>TITLE</b>	<b>SURNAME</b>	<b>NAME</b>	<b>POSITION</b>	<b>COMPANY / ORGANISATION</b>
Mnr	Dixon	Johan	Voorsitter	Boesmanland Boerevereniging
Mnr	Dixon	Manie	Lid	Agri Manakwaland
Mnr&Mev	Jacobs	Danie&Riana	Grondeienaar	Plaas: Ou Taaibosmond 3/66
Mnr	Maasdorp	Deon&Hester	Grondeienaar	Plaas: Zuurwater 3/62 (Martiq 1281 BK)
Mnr	Maass	Abraham	Grondeienaar	Plaas: Naip 4/68 (Naip Boerdery BK)
Mnr	Maass	Jaco	Grondeienaar	Posbus 145
Mr	Makhanya	Kentridge	Snr Environmental Advisor	Eskom Transmission Limited
Mnr	Markus	Andries	Grondeienaar	Plaas: Gezelschap Bank (0/71)
Ms	Masiane	Boitumelo	Grid Planner	Eskom Transmission Limited
Mnr	Mostert	Jasper	Grondeienaar	Plaas: Zuurwater 2/62 (Blommeland Boeredery BK)
Mnr & Mev	Van den Heever	James & Ulbrei	Grondeienaar	Plaas: Vorsputs
Ms	Venter	Nicolene	Snr Public Participation Practitioner	SiVEST
Mr	Von Mayer	John	Environmnetal Scientist	Savannah Environmental

## **Annexure B**

### **COPY OF PRESENTATION**



## MEETING AGENDA

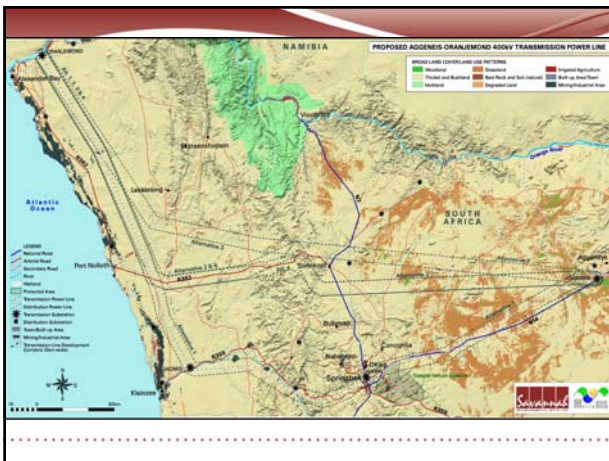
- Welcome & introduction
- Purpose of the meeting
- Project overview
- Legal context & EIA process
- Preliminary feedback from the EIA Phase
- The way forward & closure
- Question & answer session

## PURPOSE OF THE MEETING

- Provide an **overview** of the EIA process & the scope of work for the proposed project
- To provide stakeholders with an overview of the **findings and recommendations** of the draft EIA report
- Provide I&APs with an opportunity to **comment** or **seek clarity** regarding the proposed project
- To record **comment, issues and concerns** raised to inform the EIA process


## PROJECT OVERVIEW

- Aggeneis-Oranjemond 400 kV Line and Substation Upgrade
- Proponent - **Eskom Holdings Ltd (Transmission)**
- Activity - Construct new 400kV line from existing Aggeneis Substation to existing Oranjemond Substation
- Project to include -
  - New 400 kV transmission power line between Aggeneis and Oranjemond Substations
  - Upgrade of both Aggeneis and Oranjemond Substations
  - Associated works to integrate the proposed new transmission power line into network



## LEGAL CONTEXT

- NEMA (Act No. 107 of 1998)
  - Overarching legislation
- **Listed activities** requiring an EIA
- **Competent authority** National DEA
- Eskom requires authorisation from DEA (in consultation with DENC)
- Reference number **12/12/20/2041**
- Independent specialist studies must be undertaken in accordance with EIA Regulations



## OVERVIEW OF EIA PROCESS



## SPECIALIST STUDIES

- Potential impacts assessed through specialist studies undertaken in accordance with the EIA Regulations
  - Desk-top review of existing information (maps, other EIAs undertaken in the area, published literature, etc.)
  - Landowner questionnaires
  - Landowner consultation
  - Extensive field work

## POTENTIAL IMPACTS

- Impacts identified through the Scoping Study as being potentially significant
  - Impacts on ecology
  - Impacts on avifauna
  - Impacts on heritage sites
  - Visual impacts
  - Impacts on the social environment

## ASSESSMENT OF IMPACTS - ECOLOGY

- Potential Impacts:
  - Loss of habitat for threatened animals
  - Loss of populations of threatened plants
  - Loss of individuals of protected tree species
  - Loss or fragmentation of indigenous natural vegetation (terrestrial)
  - Damage to wetlands
  - Establishment and spread of weeds and alien invader plants

## ASSESSMENT OF IMPACTS - AVIFAUNA

- Potential Impacts:
  - Collisions with the earth wire of power lines
  - Habitat destruction and transformation during the construction and maintenance of power lines
  - Disturbance during the construction and maintenance of power lines

## ASSESSMENT OF IMPACTS - VISUAL

- Potential Impacts:
  - Visual impact of construction on visual receptors in close proximity
  - Visual impact on sensitive visual receptors
  - Visual impact on conservation areas
  - Visual impact of access roads on observers in close proximity to the proposed power line
  - Visual impact of the proposed infrastructure on tourist routes, tourist destinations and tourism potential within the region
  - Visual impact on World Heritage sites within the region

## ASSESSMENT OF IMPACTS - HERITAGE

- Potential Impacts:
  - Impacts to archaeological material
  - Impacts to built environment and Colonial Heritage
  - Impacts to Living Heritage
  - Impacts to cultural landscape

## ASSESSMENT OF IMPACTS - SOCIAL

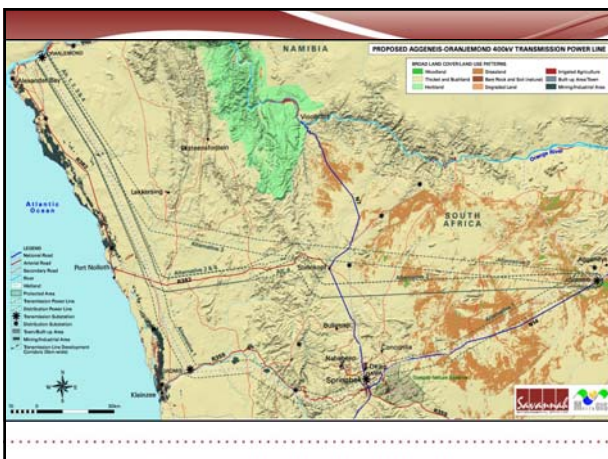
- Potential Impacts:
  - Employment opportunities
  - Influx of job seekers
  - Safety and security impacts
  - Impacts on daily movement patterns
  - Impact on tourism potential
  - Impact on local economy and regional benefits
  - Health Related Impacts
  - Impact on local and regional economy
  - Visual and aesthetic impact
  - Dust and noise pollution
  - Impact on game farms, nature reserves and conservation areas

## COMPARISON OF ALTERNATIVE TRANSMISSION CORRIDORS

ISSUE	CORRIDOR 1	CORRIDOR 2	CORRIDOR 3	CORRIDOR 4
Ecological Impact Assessment	Least preferred, but acceptable	Acceptable	<i>Most Preferred</i>	Acceptable
Avifaunal Impact Assessment	<i>Most preferred</i>	Can be considered	Least preferred but can still be considered	Can be considered
Visual Impact Assessment	Least preferred	Third preferred	Second preferred	<i>Most preferred</i>
Heritage Impact Assessment	Second preferred	Third preferred	<i>Most preferred</i>	Least preferred
Social Impact Assessment	Could be implemented – Second preferred	Could be implemented	<i>Most preferred</i>	Could be implemented

## RECOMMENDATIONS

- Construction of the new Aggeneis-Oranjemond 400 kV Transmission line within Corridor 3 (or Corridor 2 as a second option)
- Important that construction of the power line within the preferred corridor takes the recommended conditions identified by the specialist studies into account
- Oranjemond Substation should be expanded towards the east or west within the existing substation site
- Implement all mitigation measures detailed within EIA report, draft EMP & the specialist reports



## RECOMMENDATIONS

- Walk-through surveys prior to construction:
  - Biodiversity
  - Avifauna
  - Heritage
- Update construction EMP with site-specific information from walk-through surveys & negotiation process
- Eskom must consult with the Northern Cape Heritage Authority regarding the crossing of the Richtersveld World Heritage Site
- Where possible, position infrastructure so that individuals of protected trees are not affected

## CONCLUSIONS

- No environmental fatal flaws identified to prevent the proposed project from proceeding
- Infrastructure must be positioned to avoid areas of high sensitivity
- Identified impacts can be mitigated to acceptable levels from an environmental perspective (apart from visual impacts)
- Impacts of moderate to high significance can be mitigated
- All mitigation measures must be implemented as part of the draft Environmental Management Programme(EMP)

## WAY FORWARD

- Draft EIA Report available for review from 22 September 2011 to 22 October 2011 at:
  - Aggeneys Library
  - Springbok Library
  - Steinkopf Library
  - Port Nolloth Library
  - Alexander Bay Library
  - [www.savannahsa.com](http://www.savannahsa.com)
- Registered I&APs were notified of DEIR review period; also advertised in local media
- I&APs invited to **submit comments or questions** throughout the EIA process
- **Final EIA Report** will be submitted to DEA for review & acceptance

## WHO TO CONTACT

**Nicolene Venter**  
**SIVEST Environmental Division**  
**PO Box 2921, RIVONIA, 2128**  
**Tel: (011) 798 0600**  
**Fax: (011) 803 7272**  
**Email: [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za)**  
**[www.savannahSA.com](http://www.savannahSA.com)**



## **Annexure C**

### **DISCUSSION SESSION AND QUESTIONS**

**OMGEWINGSIMPAKSTUDIEPROSES (OIS)  
ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS**

**VOORGESTELDE AGGENEIS-ORJANEMOND 400kV TRNASMISSIE (Tx) KRAGLYN  
EN SUBSTASIES OPGRADERING, NOORDKAAP-PROVINSIE**

**PROPOSED AGGENEIS-ORANJEMOND 400kV TRANSMISSION (Tx) POWER LINE  
AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**

**BESPREKINGSDOKUMENT VAN FOKUSGROEPVERGADERING: GRONDEIENAARS TUSSEN  
AGGENEYS en SPRINGBOK AND BOESMANLAND LANDBOU-UNIE**

**DISCUSSION DOCUMENT OF FOCUS GROUP MEETING: LANDOWNERS BETWEEN AGGENEYS  
and SPRINGBOK AND BOESMANLAND AGRICULTURAL UNION**

**DINSDAG / TUESDAY 04 NOVEMBER 2011**

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**NOTA / NOTE:**

Antwoordeverskaf in Englesdeur die projekspan is tydens die vergaderingvertaalwanneerditversoek was deurteenwoordiges. Die vertaling van antwoorde word dusnie in die konsepBesprekingsdokumentingesluitnie.

Responses provided by the project team in English at the meeting have been translated as and when requested by the attendees. Translation of the responses has therefore not been included in this draft Discussion Document

**Afkortings / Abbreviations**

Dx	Distribusie / Distribution	EA	Environmental Authorisation	EMPr	Environmental Management Programme
LOs	Grondeienaar / Landowner	Tx	Transmissie / Transmission		

Issue/Comment	Raised By	Response
<b>1. Sosiaal en Sosio-Ekonomiese Kommentaar / Social and Socio-Economic Comments</b>		
<p>It was asked as to how much work will be available to local labourers.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>The information of what the skill level of local labourers is is not yet available to the project team. Eskom do include in the contract with the appointed contractor that when local labour is required that these be sourced from the nearest town. This is to prevent the possible influx of workers into an area. One of the advantages of the construction of a Tx power line is the spin-offs associated during the construction phase i.e. laundry services, meals / food, etc. <b>Kentridge Makhanya, Eskom</b></p> <p>The attendees were informed that the SIA specialist made recommendations in the EMPr i.e. that local labour be used as far as possible. <b>John von Mayer, Savannah</b></p>
<p>Dit was verneem of Eskom van bestaande fasiliteite sal gebruik maak tydens die konstruksie tydperk en het die projekspan meegedeel dat daar 'n leë plaashuis is op sy plaas wat deur die konstruksie maatskappy benut kan word, teen vergoeding.</p> <p><b>Translation:</b> It was enquired from Eskom whether they will consider making use of existing infrastructure during the construction phase as there is an empty farm house that could be made available to the construction company, at a fee.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater</p>	<p>The area required for a construction site is ±10ha per construction site and depending on the length of the line, it is envisaged that two construction teams might be appointed. Existing infrastructures, as offered, could be considered. <b>Kentridge Makhanya, Eskom</b></p>
<b>2. Biodiversiteit Kommentaar / Biodiversity Comments</b>		
<p>Dit was verneem wat gebeur met die grond na konstruksie bv sal plante weer aangebring word om dit wat beskadig is tevervang.</p> <p><b>Translation:</b> It was enquired as to what will happen to the soil after construction i.e. vegetation that's been damaged during construction would be replaced?</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>It is recommended in the draft EMPr that not only the construction site but the tower positions and any other area impacted by construction of the power line be rehabilitated and that vegetation clearing be minimised as far as possible. <b>John von Mayer, Savannah</b></p>

Issue/Comment	Raised By	Response
<b>3. Korridor Kommentaar / Corridor Comments</b>		
<p>Dit was almal teenwoordig se mening dat Alternatief 2 en 3 blyk die beste Alternatiewe te wees, waarvan Alternatief 2 voorkeur bo Alternatief 3 is aangesien dit die bestaande kraglyn volg.</p> <p><b>Translation:</b> All present were of the opinion that Alternative 2 and 3 seem to be the best Alternatives of which Alternative 2 get preference as it follows the existing power line.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>Recommendation noted.</p>
<b>4. Tegniiese Kommentaar / Technical Comments</b>		
<p>Dit was verneem of Eskom oorweging daaraan verleen het om addisionele 'arms' op die bestaande torings te sit om die voorgestelde addisionele kraglyn te akkommodeer.</p> <p><b>Translation:</b> It was enquired whether Eskom considered to add additional "arms" onto the existing towers to accommodate the additional proposed power line.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>It is possible to look at a couple or multi-circuit power line, but these type of power lines pose a stability problem to Eskom as uninterrupted power supply cannot be guaranteed.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra wat is die geskatte lewensjaar van die kraglyn.</p> <p><b>Translation:</b> It was asked as to what the lifespan of the power line would be.</p>		<p>With good maintenance the lifespan of the power line will be 30 years.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was verneem of dit nie meer ekonomies sal wees om die bestaande Aggeneis-Oranjemonde kraglyn op te gradeer as om 'n nuwe kraglyn te bou nie.</p> <p><b>Translation:</b> It was enquired as to whether it would not be more economically viable to upgrade the existing Aggeneis-</p>		<p>The purpose of this proposed project is to strengthen the Northern Cape Province electricity network and an upgrade of the existing power line will not address this need. If the existing power line goes out of service (trips), for whatever reason, then the newly proposed power line can provide the required electricity in the area.</p> <p>There are a number of new developments being planned in the Northern Cape Province and the strengthening of the network,</p>

Issue/Comment	Raised By	Response
Oranjemonnd power line thanbuilding a new power line.		including the proposed Aggeneis-Helios line (near Loeriesfontein), will provide the Northern Cape Province with the required electricity network it needs. <b>Kentridge Makhanya, Eskom</b>
Dit was verneem of kraglyne enige impak op sonkragaanlegte of wind plase het.  <b>Translation:</b> It was enquired whether power lines have any impact on solar energy plants or windfarms.	Mostert, Jasper Landowner: Farm Zuurwater	It was determined that there could be an impact between the power lines, solar panels/plants and windfarms/turbines. To date, none of the renewable energy projects were identified that could have a direct impact on one another i.e. corridor and solar / wind sites. <b>Kentridge Makhanya, Eskom</b>
<b>5. Projek Kommentaar / Project Comments</b>		
Indien die projek 'n omgewingsmagtiging toegestaan word, wanneer beplan Eskom om met konstruksie te begin.  <b>Translation:</b> If the project is granted an EA, when will construction commence?	Mostert, Jasper Landowner: Farm Zuurwater	The first step, should an EA be granted, would be for Eskom's line designers to identify tower positions after which specific identified environmental specialists i.e.Archeaologist, Biodiversity, etc will do a tower specific walkdownas recommended in the draft EMPr. Eskom then updates the tower position profile. During this process the servitude negotiation will take place and this can take up to two (2) years to complete. It is therefore envisaged that construction could start in 2014. <b>Kentridge Makhanya, Eskom</b>
<b>6. Serwituut Kommentaar / Servitude Comments</b>		
Dit word versoek dat tydens die serwituutonderhandeling met Eskom se Onderhandelaar, dat die kontrakteur ook teenwoordig moet wees om te verseker dat die kontrakteur bewus is van wat die grondeienaar se vereistes is.  <b>Translation:</b> It was requested that during the servitude negotiations between Eskom's Negotiator and the landowner, that the contractor must also be present to ensure that the contractor is aware of the landowner's conditions.	Jacobs, Danie Landowners: Farm Taaibosmond	All the LO's terms and conditions as agreed to during the servitude negotiations will be included in the Servitude Agreement Contract and a copy of the signed agreement will be given to the contractor prior to construction. LOs will be informed, prior to the commencement of construction, of the date that the construction team would be on his property. The attendees were informed that should they sell their property, especially after the servitude agreement has been signed, that it is their responsibility to inform the new owner of the agreement. <b>Kentridge Makhanya, Eskom</b>

Issue/Comment	Raised By	Response
<p>Dit was gevra of Eskom grondeienaars kan onteien.</p> <p><b>Translation:</b> It was asked whether Eskom could expropriate landowners.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater</p>	<p>Eskom prefer not to go the expropriation route as it is a costly exercise for both Eskom and the landowner. Expropriation will be the last resort if an agreement cannot be reached during the negotiation process between Eskom and the landowner.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra oor hoe kan die vyf (5) jaar wat die projek nodig het voordat dit in diens gestel kan word, verkort word.</p> <p><b>Translation:</b> It was asked as to how the envisaged five (5) years that the project needs before it can be put into operation can be shortened.</p>		<p>The only way to shorten the five (5) years is if there are not appeals.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<b>7. Konstruksie Kommentaar/ Construction Comments</b>		
<p>Dit was verneem of wie verantwoordelikheid gaan aanvaar vir die instandhouding van openbare paaie, veral gedurende konstruksie.</p> <p><b>Translation:</b> It was enquired as to who will take responsibility for the maintenance of public roads, especially during the construction phase.</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>Any roads damaged as a result of the construction of the power line will be the responsibility of Eskom. It is also recommended in the EMPr that the construction sites be rehabilitated to their original state or even better.</p>
<p>Hoe beplan Eskom om hierdie kraglyne te bou.</p> <p><b>Translation:</b> How does Eskom plan the construction of these power lines?</p>	<p>Maasdorp, Hester Landowner: Farm Zuurwater</p>	<p>It is envisaged that the appointed Contractor will set-up a construction camp on a farm centrally located. Should there not be a town nearby, in agreement with the relevant landowner. There is a possibility that a helicopter would be used to erect the towers on site and helicopters would also be used in difficult terrain, i.e. mountainous areas.</p> <p><b>Kentridge Makhanya, Eskom</b></p> <p>Mitigation measures regarding construction camps along the route have been included in the draft EMPr and attendees are advised to read the draft EMPr and forward written comments on it.</p> <p><b>John von Mayer, Savannah</b></p>

Issue/Comment	Raised By	Response
<b>8. Projek Kommentaar / Project Comments</b>		
<p>Die projekspan was meegedeel dat die geaffekteerde grondeienaars trek nie voordeel uit die voorgestelde projek nie en verneem hoe kan Eskom hulle tegemoet kom.</p> <p><b>Translation:</b> The project team was informed that the affected landowners do not benefit from the proposed project and enquire how Eskom can accommodate them.</p>	<p>Maasdorp, Deon Landowner: Farm Martiq</p>	<p>Electricity cannot be provided from an Eskom Txline (the national grid network) directly to LOs due to the voltage size. Eskom Tx provides electricity to Eskom Dx who in turn provides to the Local Municipality and in some cases directly to LOs.</p> <p>It is therefore recommended that the LOs apply to Eskom Dx for electricity to their farms.</p> <p>It was also recommended that this point can form part of Eskom's negotiations for a servitude, should an EA be granted.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was voorgesteld dat Eskom na alternatiewe energiebronne kyk en verneem of Eskom die installering van sonpanele op die geaffekteerde plase as 'n serwituuuonderhandelingsvoorstel sal oorweeg.</p> <p><b>Translation:</b> It was suggested that Eskom look at alternative energy sources and enquire whether Eskom would consider the installation of solar panels on the affected farms as part of the servitude negotiations.</p>		<p>This is a very good suggestion and it will be forwarded to Eskom's Land and Rights Negotiator.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was verneem hoe word die vergoeding vir 'n serwituuutberek.</p> <p><b>Translation:</b> It was asked how the compensation for a servitude is calculated.</p>	<p>Mostert, Jasper Landowner: Farm Zuurwater</p>	<p>Eskom will appoint an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations.</p> <p>Should a LO not agree with the value as presented by the Valuer, then the LO has the right to appoint his own Valuer.</p> <p>Eskom prefer a win-win situation.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<b>9. Kommunikasie Kommentaar / Communication Comments</b>		
<p>Eskom word versoek om te verseker dat 'n Afrikaans sprekende onderhandelaar word aangestel om serwituuuonderhandelingsvir die projek te doen aangesien wetlike aspekte besprek sal word en dit vir</p>	<p>Jacobs, Danie Landowners: Farm Taaibosmond</p>	<p>Request noted</p> <p><b>Kentridge Makhanya, Eskom</b></p>

Issue/Comment	Raised By	Response
<p>die betrokke partye voordeligsalwees dat daargeen misverstande is nie.</p> <p><b>Translation:</b> Eskom was requested to ensure that an Afrikaans-speaking negotiator is appointed for the servitude negotiations for this proposed project as legal aspects will be discussed as it will be an advantage to the relevant parties to ensure that there are no misunderstandings.</p>		



**ENVIRONMENTAL IMPACT ASSESSMENT  
(EIA) PROCESS**

**PROPOSED AGGENEIS-  
ORANJEMOND 400kV  
TRANSMISSION (Tx) POWER  
LINE AND SUBSTATIONS  
UPGRADE, NORTHERN CAPE  
PROVINCE**

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**Savannah Environmental (Pty) Ltd**

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**FOCUS GROUP MEETING**



**DISCUSSION DOCUMENT  
OF MEETING HELD WITH THE  
NAMA KHOI LOCAL MUNICIPALITY**

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**Public Participation Practitioner**

**SiVEST Environmental (Pty) Ltd**

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51 Wessels Road  
Rivonia 2128

**Tel:** 011 798 0600

**Fax:** 011 803 7272

**E-mail:** nicolenev@sivest.co.za

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Held on  
Wednesday 05 October 2011  
Nama Khoi Local Municipality Boardroom,  
Springbok

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2	MEETING ATTENDEES .....	2
3	PURPOSE OF THE MEETING .....	2
4	PROJECT CONTEXT AND OVERVIEW .....	2
5	DISCUSSION SESSION (QUESTIONS & ANSWERS) .....	2
6	CLOSURE AND WAY FORWARD .....	2

### YOUR COMMENTS ON THE DRAFT MINUTES

Your comments on these draft Minutes will be appreciated. In particular, we request that you verify that your comments during the meeting have been minuted correctly. **It is important to note that the draft Minutes are not verbatim and any comments and questions raised by the technical specialists and the project proponent are not included in the discussion document.**

## FOCUS GROUP MEETING

**Venue:** Nama Khoi Local Municipality Boardroom, Springbok  
**Date:** Wednesday, 05 October 2011  
**Time:** 10h00

### 1 WELCOME AND INTRODUCTIONS

---

Nicolene Venter of SiVEST thanked everyone present for attending the Focus Group Meeting (FGM). She introduced herself and requested that all present introduce themselves. The attendees were informed that Savannah Environmental is the independent Environmental Assessment Practitioner (EAP) undertaking the Environmental Impact Assessment (EIA) on behalf of Eskom Transmission who is the proponent.

### 2 MEETING ATTENDEES

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A copy of the Attendance Record is attached as Annexure A.

### 3 PURPOSE OF THE MEETING

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Nicolene Venter informed the attendees that the purpose of the FGM was to:

- Present a brief project overview;
- Provide feedback on the environmental aspects and assessment as per Draft Environmental Impact Report (DEIR);
- Provide opportunity to become involved and seek clarity on the project; and
- Record comments, issues and concerns raised at the meeting.

### 4 PROJECT CONTEXT AND OVERVIEW

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Nicolene Venter presented an overview of the proposed project explaining:

- the Environmental Impact Assessment (EIA) Process;
- the four (4) proposed Alternatives;
- the environmental recommended Alternative (Alternative 4, with a combination of Alternative 2)
- specialist studies undertaken;
- environmental recommendations;
- Conclusions;
- Way Forward.

Refer to Annexure B for further information.

### 5 DISCUSSION SESSION (QUESTIONS & ANSWERS)

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Please refer to Annexure C.

### 6 CLOSURE AND WAY FORWARD

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Nicolene Venter explained the current status of the EIA process and outlined the proposed dates for the EIA activities going forward.

The meeting was closed at 11h00.

## **Annexure A**

### **ATTENDANCE RECORD**

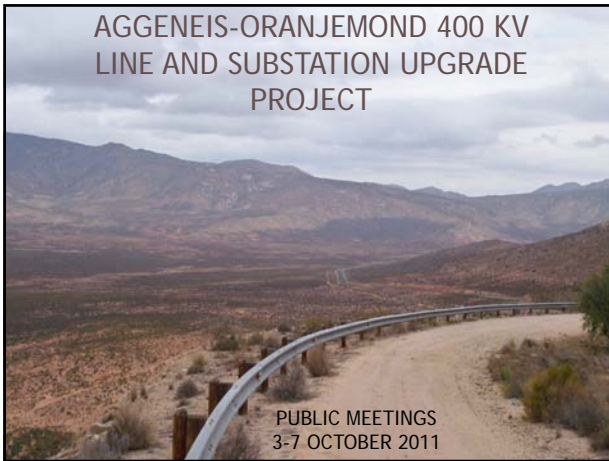
**ENVIRONMENTAL IMPACT ASSESSMENT  
PROPOSED AGGENEIS-ORANJEMOND PROJECT**

**ATTENDANCE RECORD: Focus Group Meeting  
Nama Khoi Local Municipality  
Wednesday 05 October 2011**

<b>TITLE</b>	<b>SURNAME</b>	<b>NAME</b>	<b>POSITION</b>	<b>COMPANY / ORGANISATION</b>
Mnr	Baartman	Aubrey	Munisipale Bestuurder	Nama Khoi Munisipaliteit
Mr	Cloete	WT	Mayour	Nama Khoi Municipality
Mr	Henning	Wimpie	Negotiator	Eskom Transmission Limited
Mr	Jonas	Michael		Nama Khoi Municipality
Mr	Magerman	Deon	Town Planning Officer	Nama Khoi Municipality
Mr	Makhanya	Kentridge	Snr Environmental Advisor	Eskom Transmission Limited
Mr	Opperman	Pieter	Electrical Engineer	Nama Khoi Municipality
Ms	Venter	Nicolene	Snr Public Participation Practitioner	SiVEST
Rdl	Ventura	Katy	Raadslid	Nama Khoi Munisipaliteit
Mr	Von Mayer	John	Environmnetal Scientist	Savannah Environmental

## **Annexure B**

### **COPY OF PRESENTATION**



## MEETING AGENDA

- Welcome & introduction
- Purpose of the meeting
- Project overview
- Legal context & EIA process
- Preliminary feedback from the EIA Phase
- The way forward & closure
- Question & answer session

## PURPOSE OF THE MEETING

- Provide an **overview** of the EIA process & the scope of work for the proposed project
- To provide stakeholders with an overview of the **findings and recommendations** of the draft EIA report
- Provide I&APs with an opportunity to **comment** or **seek clarity** regarding the proposed project
- To record **comment, issues and concerns** raised to inform the EIA process


## PROJECT OVERVIEW

- Aggeneis-Oranjemond 400 kV Line and Substation Upgrade
- Proponent - **Eskom Holdings Ltd (Transmission)**
- Activity - Construct new 400kV line from existing Aggeneis Substation to existing Oranjemond Substation
- Project to include -
  - New 400 kV transmission power line between Aggeneis and Oranjemond Substations
  - Upgrade of both Aggeneis and Oranjemond Substations
  - Associated works to integrate the proposed new transmission power line into network



## LEGAL CONTEXT

- NEMA (Act No. 107 of 1998)
  - Overarching legislation
- **Listed activities** requiring an EIA
- **Competent authority** National DEA
- Eskom requires authorisation from DEA (in consultation with DENC)
- Reference number **12/12/20/2041**
- Independent specialist studies must be undertaken in accordance with EIA Regulations



## OVERVIEW OF EIA PROCESS



## SPECIALIST STUDIES

- Potential impacts assessed through specialist studies undertaken in accordance with the EIA Regulations
  - Desk-top review of existing information (maps, other EIAs undertaken in the area, published literature, etc.)
  - Landowner questionnaires
  - Landowner consultation
  - Extensive field work

## POTENTIAL IMPACTS

- Impacts identified through the Scoping Study as being potentially significant
  - Impacts on ecology
  - Impacts on avifauna
  - Impacts on heritage sites
  - Visual impacts
  - Impacts on the social environment

## ASSESSMENT OF IMPACTS - ECOLOGY

- Potential Impacts:
  - Loss of habitat for threatened animals
  - Loss of populations of threatened plants
  - Loss of individuals of protected tree species
  - Loss or fragmentation of indigenous natural vegetation (terrestrial)
  - Damage to wetlands
  - Establishment and spread of weeds and alien invader plants

## ASSESSMENT OF IMPACTS - AVIFAUNA

- Potential Impacts:
  - Collisions with the earth wire of power lines
  - Habitat destruction and transformation during the construction and maintenance of power lines
  - Disturbance during the construction and maintenance of power lines

## ASSESSMENT OF IMPACTS - VISUAL

- Potential Impacts:
  - Visual impact of construction on visual receptors in close proximity
  - Visual impact on sensitive visual receptors
  - Visual impact on conservation areas
  - Visual impact of access roads on observers in close proximity to the proposed power line
  - Visual impact of the proposed infrastructure on tourist routes, tourist destinations and tourism potential within the region
  - Visual impact on World Heritage sites within the region

## ASSESSMENT OF IMPACTS - HERITAGE

- Potential Impacts:
  - Impacts to archaeological material
  - Impacts to built environment and Colonial Heritage
  - Impacts to Living Heritage
  - Impacts to cultural landscape

## ASSESSMENT OF IMPACTS - SOCIAL

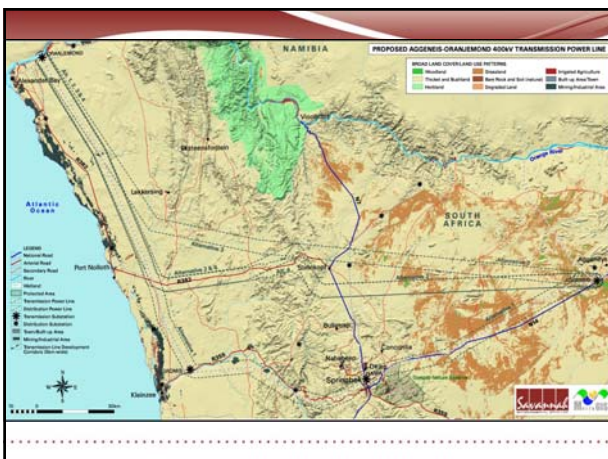
- Potential Impacts:
  - Employment opportunities
  - Influx of job seekers
  - Safety and security impacts
  - Impacts on daily movement patterns
  - Impact on tourism potential
  - Impact on local economy and regional benefits
  - Health Related Impacts
  - Impact on local and regional economy
  - Visual and aesthetic impact
  - Dust and noise pollution
  - Impact on game farms, nature reserves and conservation areas

## COMPARISON OF ALTERNATIVE TRANSMISSION CORRIDORS

ISSUE	CORRIDOR 1	CORRIDOR 2	CORRIDOR 3	CORRIDOR 4
Ecological Impact Assessment	Least preferred, but acceptable	Acceptable	<i>Most Preferred</i>	Acceptable
Avifaunal Impact Assessment	<i>Most preferred</i>	Can be considered	Least preferred but can still be considered	Can be considered
Visual Impact Assessment	Least preferred	Third preferred	Second preferred	<i>Most preferred</i>
Heritage Impact Assessment	Second preferred	Third preferred	<i>Most preferred</i>	Least preferred
Social Impact Assessment	Could be implemented – Second preferred	Could be implemented	<i>Most preferred</i>	Could be implemented

## RECOMMENDATIONS

- Construction of the new Aggeneis-Oranjemond 400 kV Transmission line within Corridor 3 (or Corridor 2 as a second option)
- Important that construction of the power line within the preferred corridor takes the recommended conditions identified by the specialist studies into account
- Oranjemond Substation should be expanded towards the east or west within the existing substation site
- Implement all mitigation measures detailed within EIA report, draft EMP & the specialist reports



## RECOMMENDATIONS

- Walk-through surveys prior to construction:
  - Biodiversity
  - Avifauna
  - Heritage
- Update construction EMP with site-specific information from walk-through surveys & negotiation process
- Eskom must consult with the Northern Cape Heritage Authority regarding the crossing of the Richtersveld World Heritage Site
- Where possible, position infrastructure so that individuals of protected trees are not affected

## CONCLUSIONS

- No environmental fatal flaws identified to prevent the proposed project from proceeding
- Infrastructure must be positioned to avoid areas of high sensitivity
- Identified impacts can be mitigated to acceptable levels from an environmental perspective (apart from visual impacts)
- Impacts of moderate to high significance can be mitigated
- All mitigation measures must be implemented as part of the draft Environmental Management Programme(EMP)

## WAY FORWARD

- Draft EIA Report available for review from 22 September 2011 to 22 October 2011 at:
  - Aggeneys Library
  - Springbok Library
  - Steinkopf Library
  - Port Nolloth Library
  - Alexander Bay Library
  - [www.savannahsa.com](http://www.savannahsa.com)
- Registered I&APs were notified of DEIR review period; also advertised in local media
- I&APs invited to **submit comments or questions** throughout the EIA process
- **Final EIA Report** will be submitted to DEA for review & acceptance

## WHO TO CONTACT

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**SIVEST Environmental Division**  
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**Email: [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za)**  
**[www.savannahSA.com](http://www.savannahSA.com)**



## **Annexure C**

### **DISCUSSION SESSION AND QUESTIONS**

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS**

**PROPOSED AGGENEIS-ORANJEMOND 400kV TRANSMISSION (Tx) POWER LINE  
AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**

**DISCUSSION DOCUMENT OF FOCUS GROUP MEETING: NAMA KHOI LOCAL MUNICIPALITY**

**WOENSDAG / WEDNESDAY 05 OCTOBER 2011**

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7.	<b>Projek Kommentaar / Project Comments.....</b>	<b>5</b>
8.	<b>Kommunikasie Kommentaar / Communication Comments .....</b>	<b>5</b>
9.	<b>Algemene Kommentaar / General Comments.....</b>	<b>6</b>

**Afkortings / Abbreviations**

DEA	Department of Environmental Affairs	DEIR	Draft Environmental Impact Report	Dx	Distribusie / Distribution
EA	Environmental Authorisation	EIA	Environmental Impact Assessment	EMPr	Environmental Management Programme
FEIR	Final Environmental Impact Report	LOs	Grondeienaar / Landowner	OM	Omgewingsmagtiging
OIS	Omgewingsimpakstudie	Tx	Transmissie / Transmission		

Issue/Comment	Raised By	Response
<b>1. Biodiversiteit Kommentaar / Biodiversity Comments</b>		
<p>Dit was verneem watter biodiversiteit sensitiewe areas sal deur die projek geraak word.</p> <p><b>Translation:</b> It was enquired as to what biodiversity sensitive areas will be affected by the project.</p>	<p>Cloete, WT Mayor</p>	<p>The biodiversity specialist has identified various sensitive biodiversity areas and these are included in his Biodiversity Report that forms part of the DEIR.</p> <p>Only the towers, new access roads and construction camps could impact directly on areas of sensitivity. <i>John von Mayer, Savannah</i></p>
<p>Dit was genoem dat biodiversiteit nie baie hoog is in die area nie.</p> <p><b>Translation:</b> It was mentioned that biodiversity is not high in the area.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>All the sensitive biodiversity areas have been identified and are detailed in the DEIR, including conservation areas which are high in biodiversity sensitivity. <i>John von Mayer, Savannah</i></p>
<b>2. Lanboupotensiaal Kommentaar / Agricultural Potential Comments</b>		
<p>Dit was verneem of daar ander voordele is vir die Munisipaliteit sal wees bv die potensiaal vir landboubesproeiing.</p> <p><b>Translation:</b> It was enquired what other advantages there would be for the Municipality, i.e. potential irrigation for agriculture.</p>	<p>Jonas, Michael Meent Officer</p>	<p>Daar sal nie krag direk van die voorgestelde kraglyn afgetap kan word nie aangesien die KV is te hoog is, maar dit sal wel die netwerk versterk wat die Munisipaliteit die vermoë gee om aan nuwe aansoekers elektrisiteit te voorsien vir bv besproeiing.</p> <p><b>Translation:</b> It would not be possible to tap directly into the proposed power line as the voltage is too high, but the network would be strengthened which will put the Municipality in a position to provide new applicants with electricity for irrigation for example. <i>Wimpie Henning</i></p>
<p>Die projekspan was ingelig dat meeste van die Gemeenskapsboere in Concordia boer met lewendehawe en verneem watter impak sal die kraglyne op die veeboerdery hê.</p> <p><b>Translation:</b> The project team was informed that most of the farmers in the Communal farmers farm with livestock and ask what impacts will the power lines have on their farming activities.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Die voorgestelde kraglyne sal geen impak op die vee en weiding hê nie aangesien die veenog steeds onder die kraglyne kan wei. Die voorgestelde kraglyne sal ook nie oor die gemeenskap van Concordia gaan nie, maar eerder noord van Steinkopf.</p> <p><b>Translation:</b> The proposed power line will not have an impact on livestock and grazing as the livestock would still be able to graze under the power line. The proposed power line will also not cross over Concordia but would go north of Steinkopf.</p>

Issue/Comment	Raised By	Response
		<i>Wimpie Henning, Eskom</i>
<b>3. Avifauna Kommentaar / Avifauna Comments</b>		
<p>Dit was gevra watter impak sal die kraglyne op voëls hê.</p> <p><b>Translation:</b> It was asked as to what impact the power lines will have on birds.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Birds do collide with power lines and due to this reason it is recommended in the draft EMP that in high risk areas that bird flappers be introduced to avoid collision.</p> <p><i>John von Mayer, Savannah</i></p>
<b>4. Korridor Kommentaar / Corridor Comments</b>		
<p>Dit was genoem dat Alternatief 2 mag 'n impak hê op moontlike toekomstige uitbreidings wat by Steinkopf beplan word, maar as Alternatief 3 tegniese nie moontlik is nie, sal die Munisipaliteit Alternatief 2 aanvaar.</p> <p><b>Translation:</b> It was stated that Alternative 2 may have an impact on possible future expansions planned at Steinkopf, but should Alternative 3 is technically not possible, then the Municipality will accept Alternative 2.</p>	<p>Cloete, WT Mayor</p>	<p>Voorkeurgenoeduleer / Preference minuted.</p>
<p>Alternatief 3 blyk die mees aanvaarde Korridor vir die Plaaslike Munisipaliteit te wees, maar sal nie Alternatief 1 kan aanbeveel nie, veral vanuit 'n tegniese oogpunt.</p> <p><b>Translation:</b> From the Local Municipality's view point, Alternative 3 seems to be most acceptable Corridor but Alternative 1 cannot be recommended especially seen from a technical viewpoint.</p>	<p>Opperman, Pieter Electrical Engineer</p>	<p>Projekspan neem kennis / Project team take note.</p>
<b>5. Serwituut Kommentaar / Servitude Comments</b>		
<p>Indien Eskom se voorgestelde kraglyn oor 'n eiendom gespan word, verkry Eskom slegs toestemming of kan daar ooreenkomste aangegaan word.</p> <p><b>Translation:</b> If Eskom's proposed power line traverses a property, does Eskom only obtain consent or can an agreement be concluded.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Eskom onderhandel 'n serwituut met die betrokke party waarna daardie serwituut teen die Titel Akte geregistreer word. Daar word ook na ander impakte gekyk bv as daar geen ander uitweg is as om die kraglyn oor 'n huis of boorgat te bou nie, dan sal Eskom en die geaffekteerde party onderhandel oor hervesting, skuif van boorgat, ens.</p> <p>Hierdie tipe voorwaardes en onderhandelings vind plaas voor dat konstruksie begin.</p>

Issue/Comment	Raised By	Response
		<p><b>Translation:</b> Eskom negotiate a servitude with the affected party after which the servitude would be registered against the Title Deed. Other impacts are also considered such as, if there is no other alternative than to construct the power line over a home or borehole, then Eskom and the affected party will negotiate moving the resident, sink a new borehole on the farm etc. This type of conditions and negotiations take place before construction begins. <b>Wimpie Henning, Eskom</b></p>
<b>6. Vergoeding Kommentaar / Compensation Comments</b>		
<p>Dit was verneem of vergoeding 'n eenmalige transaksie is.</p> <p><b>Translation:</b> If was enquired whether compensation is a once off transaction.</p>	<p>Cloete, WT Mayor</p>	<p>Ja, Eskom doen 'n eenmalige vergoeding. Eskom sal 'n onafhanklike geakkrediteerde Waardeerder aanstel wat na aspekte soos markwaarde van eiendomme in die gebied kyk, hoeveel vierkante meter/hektaar word benodig vir die serwituut, ens en dan maak Eskom 'n aanbod aan die eienaar wat onderhandel word.</p> <p><b>Translation:</b> Yes, Eskom pays a once-off compensation. Eskom will appoint an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations. <b>Wimpie Henning, Eskom</b></p>
<p>Die projekspan was meegedeel dat serwituut onderhandeling en vergoeding van grond/eiendom wat Gemeenskapsgrond is bv Rietkloof Gemeenskapseiendom, moet met die Munisipaliteit onderhandel word aangesien die Munisipaliteit die eiendomme bestuur.</p> <p>Alleonderhandelings, kontrakte en vergoedingsmoet met Mnr Jonas, wat die Raadvertegenwoordig, geskied.</p> <p><b>Translation:</b> The project team was informed that servitude negotiations and compensation for communal properties such as the Rietkloof Communal Property, must be negotiated with the Municipality as the Municipality management these properties. All negotiations, contracts and compensation must be done with</p>		<p>Neem kennis van die inligting / Take note of the information provided. <b>Wimpie Henning, Eskom</b></p>

Issue/Comment	Raised By	Response
Mr Jonas who represents the Board.		
<b>7. Projek Kommentaar / Project Comments</b>		
<p>Dit was verneem wanneer en deur wie sal die magtiging gegee word.</p> <p><b>Translation:</b> It was enquired as to when and who will issue an authorisation.</p>	Jonas, Michael Meent Officer	<p>After the comment period of the DEIR has ended the FEIR will be updated with all comments received. It is envisaged that the FEIR will be submitted to DEA in November 2011. DEA could issue the EA by March/April 2012.</p> <p><b>John von Mayer, Savannah</b></p>
<p>It was verneem wanneer sal 'n meer akkurate roete beskikbaar wees.</p> <p><b>Translation:</b> It was enquired as to when a more accurate alignment will be available.</p>	Magerman, Deon Ground Use Planning	<p>Eers wanneer die OIS afgehandel is. Indien daar 'n OM toegestaan word, sal Eskom 'n tegniese roete kan uitwerk en die roete moet dan eers met die grondeienaars onderhandel word waarna roetewysigings kan plaasvind.</p> <p><b>Translation:</b> Only when the EIA is completed. If an EA is granted, then Eskom will be able to determine a technically feasible route and this route must then be negotiated with the landowners whereafter more route changes may occur.</p> <p><b>Wimpie Henning, Eskom</b></p>
<b>8. Kommunikasie Kommentaar / Communication Comments</b>		
<p>Die projekspan was ingelig dat daar nie veel waarde sal wees om publieke vergaderings tydens die OIS met die inwoners van Steinkopf te hou nie aangesien kommunikasie met die gemeenskap deur die Munisipaliteit se kommunikasienetwerk hanteer word.</p> <p>Eskom word versoek, en dit word benadruk, dat voordat konstruksie begin en daar 'n definitiewe roete vir die kraglyne bepaal is dat hulle 'n bewusmakingveldtog moet loods met die gemeenskap van Steinkopf om hulle in te lig oor konstruksie veiligheid, werksgeleenthede en veiligheid van elektrisiteit.</p> <p><b>Translation:</b> The project team was informed that it will not add any value to the process by holding public meetings with the residents of Steinkopf as all communication with the community members of Steinkopf are handled by the Municipality through its communication network. Eskom are requested, and it was emphasized, that before</p>	Cloete, WT Mayor	Inligting en versoek genotuleer / Information and request minuted.

Issue/Comment	Raised By	Response
<p>construction starts and a defined route has been selected for the power lines, that they must embark on an awareness campaign with the community of Steinkopf whereby they need to be informed regarding construction safety, job opportunities and safety of electricity.</p>		
<p>Dit was versoek dat Savannah so spoedig moontlik, wanneer die voorkeur Korridor bevestig is, Shapefiles (GIS inligting) aan die Munisipaliteit se Stadsbeplanners deurgee.</p> <p><b>Translation:</b> It was requested that Savannah forward the Shapefiles (GIS information) of the preferred Corridor to the Municipality's Town Planning Department as soon as it is available.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Versoek genotuleer en sal deurgestuur word sodra beskikbaar.</p> <p><b>Translation:</b> Request minuted and the information will be forward as soon as it is available. <i>Nicolene Venter, SiVEST en John von Mayer, Savannah</i></p>
<p><b>9. Algemene Kommentaar / General Comments</b></p>		
<p>Dit was versoek dat daar in die toekoms meer duidelike kaarte gebruik word sodat die Munisipaliteit en ander belanghebbendes hulleself orienteer wat waar is op die kaart bv paaie en kadastrale inligting.</p> <p><b>Translation:</b> It was requested that, in future, more detailed maps be used to enable the Municipality and other interested parties to orientate themselves as to what is where i.e. roads and cadastral information.</p>	<p>Magerman, Deon Ground Use Planning</p>	<p>Versoek genotuleer / Request minuted.</p>
<p>Die projekspan was ingelig dat die voorgestelde projek 'n aanwys vir die Noord-Kaap Provinsie sal wees.</p> <p><b>Translation:</b> The project team was informed that the proposed project would be an advantage to the Northern Cape Province.</p>	<p>Opperman, Pieter Electrical Engineer</p>	<p>Kommentaar genotuleer / Comment noted</p>



**ENVIRONMENTAL IMPACT ASSESSMENT  
(EIA) PROCESS**

**PROPOSED AGGENEIS-  
ORANJEMOND 400kV  
TRANSMISSION (Tx) POWER  
LINE AND SUBSTATIONS  
UPGRADE, NORTHERN CAPE  
PROVINCE**

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**Savannah Environmental (Pty) Ltd**

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**E-mail:** john@savannahsa.com

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**FOCUS GROUP MEETING**



**DISCUSSION DOCUMENT  
OF MEETING HELD WITH THE  
RICHTERSVELD LOCAL MUNICIPALITY**

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**Public Participation Practitioner**

**SiVEST Environmental (Pty) Ltd**

**Name:** Nicolene Venter

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51 Wessels Road  
Rivonia 2128

**Tel:** 011 798 0600

**Fax:** 011 803 7272

**E-mail:** nicolenev@sivest.co.za

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Held on  
Thursday 06 October 2011  
Richtersveld Local Municipality Boardroom,  
Port Nolloth

## TABLE OF CONTENTS

1	WELCOME AND INTRODUCTIONS .....	2
2	MEETING ATTENDEES .....	2
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4	PROJECT CONTEXT AND OVERVIEW .....	2
5	DISCUSSION SESSION (QUESTIONS & ANSWERS) .....	3
6	CLOSURE AND WAY FORWARD .....	3

### YOUR COMMENTS ON THE DRAFT MINUTES

Your comments on these draft Minutes will be appreciated. In particular, we request that you verify that your comments during the meeting have been minuted correctly. **It is important to note that the draft Minutes are not verbatim and any comments and questions raised by the technical specialists and the project proponent are not included in the discussion document.**

## FOCUS GROUP MEETING

**Venue:** Richterveld Local Municipality Boardroom, Port Nolloth  
**Date:** Thursday, 06 October 2011  
**Time:** 09h00

### 1 WELCOME AND INTRODUCTIONS

---

Nicolene Venter of SiVEST thanked everyone present for attending the Focus Group Meeting (FGM) . She introduced herself and requested that all present introduce themselves. The attendees were informed that Savannah Environmental is the independent Environmental Assessment Practitioner (EAP) undertaking the Environmental Impact Assessment (EIA) on behalf of Eskom Transmission who is the proponent.

Permission was requested and subsequently granted by the attendees, to record the meeting for minute taking purposes and should there be a query regarding a comment / question / concern raised, it can be verified.

### 2 MEETING ATTENDEES

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A copy of the Attendance Record is attached as Annexure A.

### 3 PURPOSE OF THE MEETING

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Nicolene Venter informed the attendees that the purpose of the FGM was to:

- Present a brief project overview;
- Provide feedback on the environmental aspects and assessment as per Draft Environmental Impact Report (DEIR);
- Provide opportunity to become involved and seek clarity on the project; and
- Record comments, issues and concerns raised at the meeting.

### 4 PROJECT CONTEXT AND OVERVIEW

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Nicolene Venter presented an overview of the proposed project explaining:

- the Environmental Impact Assessment (EIA) Process;
- the four (4) proposed Alternatives;
- the environmental recommended Alternative (Alternative 4, with a combination of Alternative 2)
- specialist studies undertaken;
- environmental recommendations;
- Conclusions;
- Way Forward.

Refer to Annexure B for further information.

## **5 DISCUSSION SESSION (QUESTIONS & ANSWERS)**

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Please refer to Annexure C.

## **6 CLOSURE AND WAY FORWARD**

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Nicolene Venter Cruz explained the current status of the EIA process and outlined the proposed dates for the EIA activities going forward.

The meeting was closed at 11h00.

## **Annexure A**

### **ATTENDANCE RECORD**

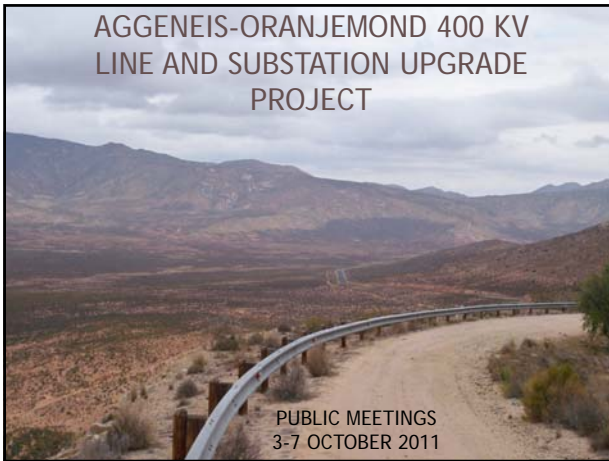
**ENVIRONMENTAL IMPACT ASSESSMENT  
PROPOSED AGGENEIS-ORANJEMOND PROJECT**

**ATTENDANCE RECORD: Focus Group Meeting  
Richtersveld Local Municipality  
Thursday 06 October 2011**

<b>TITLE</b>	<b>SURNAME</b>	<b>NAME</b>	<b>POSITION</b>	<b>COMPANY / ORGANISATION</b>
Mr	Cloete	Joseph	Municipal Manager	Richtersveld Local Municipality
Mnr	De Wet	Abraham	Bestuurder: Eiendomme	Richtersveld Munisipaliteit
Mr	Henning	Wimpie	Negotiator	Eskom Transmission Limited
Clr	Hoskin	Elmina	Councillor	Richtersveld Municipality
Clr	Jansen	Arthur	Councillor: Ward 2	Richtersveld Municipality
Mr	Makhanya	Kentridge	Snr Environmental Advisor	Eskom Transmission Limited
Clr	Richter	Dave	Councillor: PR	Richtersveld Municipality
Ms	Venter	Nicolene	Snr Public Participation Practitioner	SiVEST
Mr	Von Mayer	John	Environmnetal Scientist	Savannah Environmental

## **Annexure B**

### **COPY OF PRESENTATION**



## MEETING AGENDA

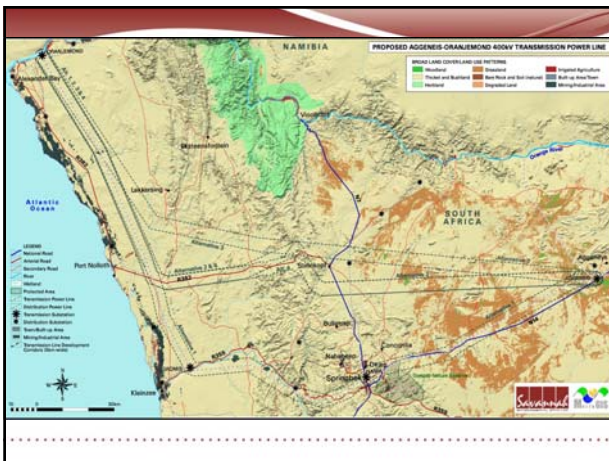
- Welcome & introduction
- Purpose of the meeting
- Project overview
- Legal context & EIA process
- Preliminary feedback from the EIA Phase
- The way forward & closure
- Question & answer session

## PURPOSE OF THE MEETING

- Provide an **overview** of the EIA process & the scope of work for the proposed project
- To provide stakeholders with an overview of the **findings and recommendations** of the draft EIA report
- Provide I&APs with an opportunity to **comment** or **seek clarity** regarding the proposed project
- To record **comment, issues and concerns** raised to inform the EIA process


## PROJECT OVERVIEW

- Aggeneis-Oranjemond 400 kV Line and Substation Upgrade
- Proponent - **Eskom Holdings Ltd (Transmission)**
- Activity - Construct new 400kV line from existing Aggeneis Substation to existing Oranjemond Substation
- Project to include -
  - New 400 kV transmission power line between Aggeneis and Oranjemond Substations
  - Upgrade of both Aggeneis and Oranjemond Substations
  - Associated works to integrate the proposed new transmission power line into network



## LEGAL CONTEXT

- NEMA (Act No. 107 of 1998)
  - Overarching legislation
- **Listed activities** requiring an EIA
- **Competent authority** National DEA
- Eskom requires authorisation from DEA (in consultation with DENC)
- Reference number **12/12/20/2041**
- Independent specialist studies must be undertaken in accordance with EIA Regulations



## OVERVIEW OF EIA PROCESS



## SPECIALIST STUDIES

- Potential impacts assessed through specialist studies undertaken in accordance with the EIA Regulations
  - Desk-top review of existing information (maps, other EIAs undertaken in the area, published literature, etc.)
  - Landowner questionnaires
  - Landowner consultation
  - Extensive field work

## POTENTIAL IMPACTS

- Impacts identified through the Scoping Study as being potentially significant
  - Impacts on ecology
  - Impacts on avifauna
  - Impacts on heritage sites
  - Visual impacts
  - Impacts on the social environment

## ASSESSMENT OF IMPACTS - ECOLOGY

- Potential Impacts:
  - Loss of habitat for threatened animals
  - Loss of populations of threatened plants
  - Loss of individuals of protected tree species
  - Loss or fragmentation of indigenous natural vegetation (terrestrial)
  - Damage to wetlands
  - Establishment and spread of weeds and alien invader plants

## ASSESSMENT OF IMPACTS - AVIFAUNA

- Potential Impacts:
  - Collisions with the earth wire of power lines
  - Habitat destruction and transformation during the construction and maintenance of power lines
  - Disturbance during the construction and maintenance of power lines

## ASSESSMENT OF IMPACTS - VISUAL

- Potential Impacts:
  - Visual impact of construction on visual receptors in close proximity
  - Visual impact on sensitive visual receptors
  - Visual impact on conservation areas
  - Visual impact of access roads on observers in close proximity to the proposed power line
  - Visual impact of the proposed infrastructure on tourist routes, tourist destinations and tourism potential within the region
  - Visual impact on World Heritage sites within the region

## ASSESSMENT OF IMPACTS - HERITAGE

- Potential Impacts:
  - Impacts to archaeological material
  - Impacts to built environment and Colonial Heritage
  - Impacts to Living Heritage
  - Impacts to cultural landscape

## ASSESSMENT OF IMPACTS - SOCIAL

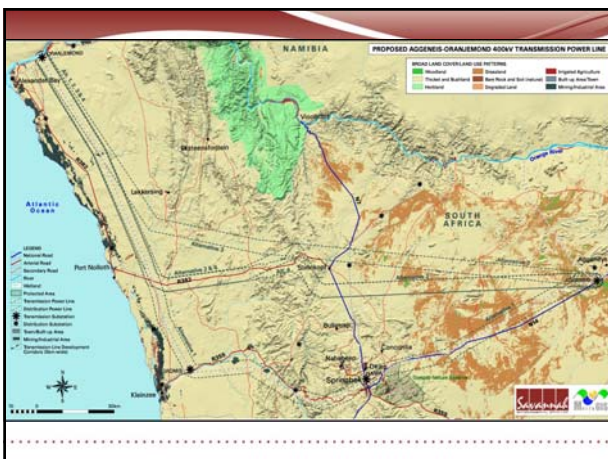
- Potential Impacts:
  - Employment opportunities
  - Influx of job seekers
  - Safety and security impacts
  - Impacts on daily movement patterns
  - Impact on tourism potential
  - Impact on local economy and regional benefits
  - Health Related Impacts
  - Impact on local and regional economy
  - Visual and aesthetic impact
  - Dust and noise pollution
  - Impact on game farms, nature reserves and conservation areas

## COMPARISON OF ALTERNATIVE TRANSMISSION CORRIDORS

ISSUE	CORRIDOR 1	CORRIDOR 2	CORRIDOR 3	CORRIDOR 4
Ecological Impact Assessment	Least preferred, but acceptable	Acceptable	<i>Most Preferred</i>	Acceptable
Avifaunal Impact Assessment	<i>Most preferred</i>	Can be considered	Least preferred but can still be considered	Can be considered
Visual Impact Assessment	Least preferred	Third preferred	Second preferred	<i>Most preferred</i>
Heritage Impact Assessment	Second preferred	Third preferred	<i>Most preferred</i>	Least preferred
Social Impact Assessment	Could be implemented – Second preferred	Could be implemented	<i>Most preferred</i>	Could be implemented

## RECOMMENDATIONS

- Construction of the new Aggeneis-Oranjemond 400 kV Transmission line within Corridor 3 (or Corridor 2 as a second option)
- Important that construction of the power line within the preferred corridor takes the recommended conditions identified by the specialist studies into account
- Oranjemond Substation should be expanded towards the east or west within the existing substation site
- Implement all mitigation measures detailed within EIA report, draft EMP & the specialist reports



## RECOMMENDATIONS

- Walk-through surveys prior to construction:
  - Biodiversity
  - Avifauna
  - Heritage
- Update construction EMP with site-specific information from walk-through surveys & negotiation process
- Eskom must consult with the Northern Cape Heritage Authority regarding the crossing of the Richtersveld World Heritage Site
- Where possible, position infrastructure so that individuals of protected trees are not affected

## CONCLUSIONS

- No environmental fatal flaws identified to prevent the proposed project from proceeding
- Infrastructure must be positioned to avoid areas of high sensitivity
- Identified impacts can be mitigated to acceptable levels from an environmental perspective (apart from visual impacts)
- Impacts of moderate to high significance can be mitigated
- All mitigation measures must be implemented as part of the draft Environmental Management Programme(EMP)

## WAY FORWARD

- Draft EIA Report available for review from 22 September 2011 to 22 October 2011 at:
  - Aggeneys Library
  - Springbok Library
  - Steinkopf Library
  - Port Nolloth Library
  - Alexander Bay Library
  - [www.savannahsa.com](http://www.savannahsa.com)
- Registered I&APs were notified of DEIR review period; also advertised in local media
- I&APs invited to **submit comments or questions** throughout the EIA process
- **Final EIA Report** will be submitted to DEA for review & acceptance

## WHO TO CONTACT

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**[www.savannahSA.com](http://www.savannahSA.com)**



## **Annexure C**

### **DISCUSSION SESSION AND QUESTIONS**

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS

**PROPOSED AGGENEIS-ORANJEMOND 400Kv TRANSMISSION (Tx) POWER LINE  
AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**

**DISCUSSION DOCUMENT OF FOCUS GROUP MEETING: RICHTERSVELD LOCAL  
MUNICIPALITY**

**THURSDAY 06 OCTOBER 2011**

**INDEX TO ISSUES IN THIS TABLE**

1.	Erfenis Kommentaar / Heritage Comments .....	2
2.	Biodiversiteit Kommentaar / Biodiversity Comments .....	2
3.	Korridor Kommentaar / Corridor Comments .....	2
4.	Projek Kommentaar / Project Comments .....	2
5.	Algemene Kommentaar / General Comments.....	3

**Afkortings / Abbreviations**

DEIR Draft Environmental Impact Report      EIA Environmental Impact Assessment      EMPr Environmental Management Programme  
OIS Omgewingsimpakstudie

Kommentaar/Comment	GeopperDeur / Raised By	Antwoord / Response
<b>1. Erfenis Kommentaar / Heritage Comments</b>		
<p>Dit was genoem dat die Richtersveld is 'n Wêreld Erfenis Gebied is en verneem of SAHRA en die Noord-KaapProvinsie se Erfenis Departement betrokke is by die OIS.</p> <p><b>Translation:</b> It was mentioned that the Richtersveld is a World Heritage Site and it was enquired whether SAHRA and the Northern Cape Province's Heritage Department is part of the EIA process.</p>	<p>Cloete, Joseph Municipal Manager</p>	<p>These stakeholders are part of the EIA process and they have not yet submitted their comments on the DEIR. <i>John von Mayer, Savannah</i></p>
<b>2. Biodiversiteit Kommentaar / Biodiversity Comments</b>		
<p>Die projekspan was meegedeel dat die Richtersveld heelwat biodiverser sensitiewe areas het en spreek sy hoop uit dat dit in die OIS proses aangespreek word.</p> <p><b>Translation:</b> The project team was informed that the Richtersveld is a biodiversity sensitive area and he hopes that these sensitivities are addressed in the EIA process.</p>	<p>Cloete, Joseph Municipal Manager</p>	<p>The biodiversity specialist has identified various sensitive biodiversity areas and these are included in his Biodiversity Report that forms part of the DEIR. <i>John von Mayer, Savannah</i> Mitigation measures are included in the EMPr recommending how these sensitive biodiversity areas should receive attention during construction and maintenance. <i>Kentridge Makhanya, Eskom</i></p>
<b>3. Korridor Kommentaar / Corridor Comments</b>		
<p>Ter bevestiging was dit gevra of Alternatief 2 en 3 deur die omgewingspesialiste aanbeveel word as die beste Alternatiewe.</p> <p><b>Translation:</b> For clarification, is Alternative 2 and 3 recommended by the environmental specialists as the best Alternatives?</p>	<p>Richter, Dave Councillor PR</p>	<p>Confirmed.</p>
<b>4. Projek Kommentaar / Project Comments</b>		
<p>Dit was verneemhoekom word hierdie projek voorgestel en hou dit verband met die voorgestelde Gas Kragstasie wat in Namibië beplan word.</p> <p><b>Translation:</b> It was enquired as to why this project is being proposed and does it link with the proposed Gas Power Station that is planned in Namibia.</p>	<p>Richter, Dave Councillor PR</p>	<p>Eskom is bewus van die Gas Kragstasie wat in Namibië beplan word, maar die projek word nie voorgestel om daardie ontwikkeling enigsins aan te spreek nie.</p> <p><b>Translation:</b> Eskom is aware of the proposed Gas Power Station planned in Namibia but this project is not proposed to address that development.</p>

Kommentaar/Comment	GeopperDeur / Raised By	Antwoord / Response
		<p><b>Wimpie Henning, Eskom</b>  The purpose of this proposed project is to strengthen the electricity network in the Northern Cape Province and to ensure that future development in the Province can take place.  Another Tx power line is proposed between Eskom's existing Aggeneis and Helios (near Loeriesfontein) Substations.</p> <p><b>Kentridge Makhanya, Eskom</b></p>
<p>Dit was gevra of die kleiner dorpe in die Munisipale gebied met die voorgestelde netwerk gekoppel sal word.</p> <p><b>Translation:</b>  It was asked if the smaller towns in the Municipal area would be connected to the proposed network.</p>		<p>Daar sal nie direkte koppeling wees nie, maar indien hierdie projek sou voort gaan bied dit die geleentheid aan die Munisipaliteit om meer aansoeke vir elektrisiteit te kan hanteer.</p> <p><b>Translation:</b>  There would be no direct connection, however, should this project be introduced then it offers the Municipality the opportunity to handle more electricity applications.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>The project team was informed that this proposed project could be a good injection into the area and the Municipality perceived the proposed project as positive.</p>	<p>The Mayor</p>	<p>Comment noted.</p>
<p><b>5. Algemene Kommentaar / General Comments</b></p>		
<p>Dit was verneem of windkrag deel uitmaak van hierdie projek.</p> <p><b>Translation:</b>  It was enquired whether wind energy is part of this project.</p>	<p>Richter, Dave  Councillor PR</p>	<p>Windkrag maak nie deel uit van hierdie projek nie / Wind energy does not form part of this project.</p> <p><b>Wimpie Henning, Eskom</b></p>



**ENVIRONMENTAL IMPACT ASSESSMENT  
(EIA) PROCESS**

**PROPOSED AGGENEIS-  
ORANJEMOND 400kV  
TRANSMISSION (Tx) POWER  
LINE AND SUBSTATIONS  
UPGRADE, NORTHERN CAPE  
PROVINCE**

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**Savannah Environmental (Pty) Ltd**

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**E-mail:** john@savannahsa.com

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**FOCUS GROUP MEETING**



**DISCUSSION DOCUMENT  
OF MEETING HELD WITH THE  
RICHTERSVELD COMMUNAL PROPERTY  
ASSOCIATION**

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**Public Participation Practitioner**

**SiVEST Environmental (Pty) Ltd**

**Name:** Nicolene Venter

**Address:** PO Box 2921  
51 Wessels Road  
Rivonia 2128

**Tel:** 011 798 0600

**Fax:** 011 803 7272

**E-mail:** nicolenev@sivest.co.za

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Held on  
Friday 11 November 2011  
Richtersveld Communal Property Association  
Offices, Alexander Bay

## TABLE OF CONTENTS

1	WELCOME AND INTRODUCTIONS .....	2
2	MEETING ATTENDEES .....	2
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5	DISCUSSION SESSION (QUESTIONS & ANSWERS) .....	3
6	CLOSURE AND WAY FORWARD .....	3

### YOUR COMMENTS ON THE DRAFT MINUTES

Your comments on these draft Minutes will be appreciated. In particular, we request that you verify that your comments during the meeting have been minuted correctly. **It is important to note that the draft Minutes are not verbatim and any comments and questions raised by the technical specialists and the project proponent are not included in the discussion document.**

## FOCUS GROUP MEETING

**Venue:** Richterveld Communal Property Association Boardroom, Alexander Bay  
**Date:** Friday, 11 November 2011  
**Time:** 11h00

### 1 WELCOME AND INTRODUCTIONS

---

Nicolene Venter of SiVEST thanked everyone present for attending the Focus Group Meeting (FGM) and also thanked the Chairman of the Richtersveld Communal Property Association for providing Savannah Environmental a presentation time at their Monthly Committee Meeting.

She introduced herself and Mr Wimpie Henning, Negotiator, Land and Rights, Eskom Transmission, noting that Savannah Environmental is the independent Environmental Assessment Practitioner (EAP) undertaking the Environmental Impact Assessment (EIA) on behalf of Eskom Transmission who is the proponent.

Permission was requested and subsequently granted by the attendees, to record the meeting for minute taking purposes and should there be a query regarding a comment / question / concern raised, it can be verified.

### 2 MEETING ATTENDEES

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A copy of the Attendance Record is attached as Annexure A.

### 3 PURPOSE OF THE MEETING

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Nicolene Venter informed the attendees that the purpose of the FGM was to:

- Present a brief project overview;
- Provide feedback on the environmental aspects and assessment as per Draft Environmental Impact Report (DEIR);
- Provide opportunity to become involved and seek clarity on the project; and
- Record comments, issues and concerns raised at the meeting.

### 4 PROJECT CONTEXT AND OVERVIEW

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Nicolene Venter presented an overview of the proposed project explaining:

- the Environmental Impact Assessment (EIA) Process;
- the four (4) proposed Alternatives;
- the environmental recommended Alternative (Alternative 4, with a combination of Alternative 2)
- specialist studies undertaken;
- environmental recommendations;
- Conclusions;
- Way Forward.

Refer to Annexure B for further information.

## **5 DISCUSSION SESSION (QUESTIONS & ANSWERS)**

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Please refer to Annexure C.

## **6 CLOSURE AND WAY FORWARD**

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Nicolene Venter Cruz explained the current status of the EIA process and outlined the proposed dates for the EIA activities going forward.

The meeting was closed at 12h00.

## **Annexure A**

### **ATTENDANCE RECORD**

**ENVIRONMENTAL IMPACT ASSESSMENT  
PROPOSED AGGENEIS-ORANJEMOND PROJECT**

**ATTENDENCE RECORD: Focus Group Meeting  
Richtersveld Communal Property Association  
Friday 11 November 2011**

TITLE	SURNAME	NAME	POSITION	COMPANY / ORGANISATION
Mnr	Diergaardt	Willem	Voorsitter	Richtersveld Gemeenskapseiendomvereniging
Mnr	Farmer	Edwin	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mr	Fife	Terance	Committee Member	Richtersveld Communal Property Association
			Facilitator	Dept of Rural Development & Land Reform
Mev	Fortuin	M	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mnr	Henning	Wimpie	Onderhandelaar	Land & Rights: Eskom Transmission
Mnr	Joseph	JB	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mnr	Links	Willem	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mev	Nero	Mary	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mev	Obies	Lydia	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mnr	Sapmor	J	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mev	September	S	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Mnr	Thomas	R	Kommitteelid	Richtersveld Gemeenskapseiendomvereniging
Ms	Venter	Nicolene	Public Participation Practitioner	SIVEST

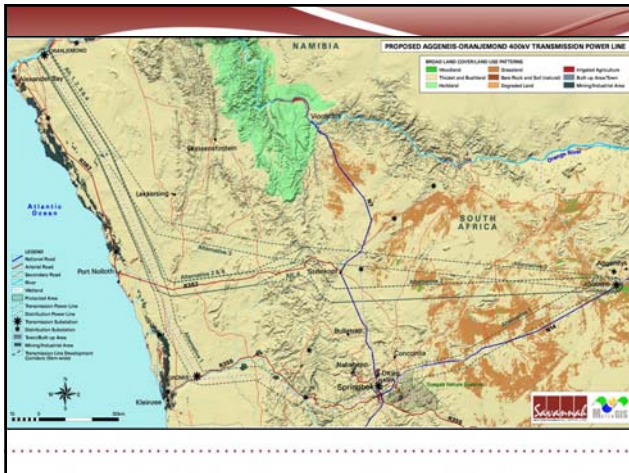
## **Annexure B**

### **COPY OF PRESENTATION**



## PROJECT OVERVIEW

- Aggeneis-Oranjemond 400 kV Line and Substation Upgrade
- Proponent - **Eskom Holdings Ltd (Transmission)**
- Activity - Construct new 400kV line from existing Aggeneis Substation to existing Oranjemond Substation
- Project to include -
  - New 400 kV transmission power line between Aggeneis and Oranjemond Substations
  - Upgrade of both Aggeneis and Oranjemond Substations
  - Associated works to integrate the proposed new transmission power line into network



## EIA PROCESS

- EIA undertaken in terms of NEMA (Act No. 107 of 1998)
- **Competent authority** National DEA
- Reference number **12/12/20/2041**

PHASE 1 Notification	PHASE 2 Scoping Phase	PHASE 3 EIA Phase	PHASE 4 Decision Making
Application form (DEA) Advertise Public consultation (Site notices, BIDs, stakeholder letters & reply forms)	On-going public involvement (focus group & public meetings) Desk top specialist studies Public review (Draft Scoping Report)	On-going public involvement (focus group & public meetings) Detailed specialist studies Public review (Draft EIA Report & draft EMP)	Authority review of Final EIA Report Inform I&APs of decision



## CONCLUSIONS

- No environmental fatal flaws identified to prevent the proposed project from proceeding
- Infrastructure must be positioned within the preferred corridor to avoid areas of high sensitivity
- Identified impacts (apart from visual impacts) can be mitigated to acceptable levels from an environmental perspective
- All mitigation measures must be implemented as part of the draft Environmental Management Programme(EMPr)

## RECOMMENDATIONS

- Walk-through surveys prior to construction:
  - Biodiversity
  - Avifauna
  - Heritage
- Update construction EMPr with site-specific information from walk-through surveys & negotiation process
- Eskom must consult with the Northern Cape Heritage Authority regarding the crossing of the Richtersveld World Heritage Site
- Where possible, position infrastructure so that individuals of protected trees are not affected

## WAY FORWARD

- Draft EIA Report available for review from 22 September 2011 to 22 October 2011 at:
  - Aggeneys Library
  - Springbok Library
  - Steinkopf Library
  - Port Nolloth Library
  - Alexander Bay Library
  - [www.savannahsa.com](http://www.savannahsa.com)
- Registered I&APs were notified of DEIR review period; also advertised in local media
- I&APs invited to **submit comments or questions** throughout the EIA process
- **Final EIA Report** will be submitted to DEA for review & acceptance

## WHO TO CONTACT

**Nicolene Venter**  
**SiVEST Environmental Division**  
**PO Box 2921, RIVONIA, 2128**  
**Tel: (011) 798 0600**  
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**Email: [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za)**  
**[www.savannahSA.com](http://www.savannahSA.com)**



## **Annexure C**

### **DISCUSSION SESSION AND QUESTIONS**

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS

**PROPOSED AGGENEIS-ORANJEMOND 400Kv TRANSMISSION (Tx) POWER LINE  
AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**

**DISCUSSION DOCUMENT OF FOCUS GROUP MEETING: RICHTERSVELD COMMUNAL  
PROPERTY ASSOCIATION**

**FRIDAY, 11 NOVEMBER 2011**

**INHOUDSOPGAWE VAN KWESSIES / INDEX TO ISSUES IN THIS TABLE**

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**Afkortings / Abbreviations**

DEA Department of Environmental Affairs

EA Environmental Authorisation

OM Omgewingsmagtigings

RCPA Richtersveld Communal Property Association

RGEV RichtersveldGemeenskapeiendomvereniging

Kommentaar / Comment	Geopper Deur / Raised By	Antwoord / Response
<b>1. Sosiale en Socio-ekonomiese Kommentaar / Social and Socio-economic Comments</b>		
<p>Dit was verneem of daar enige werkseleenthede sal wees vir die gemeenskap tydens konstruksie.</p> <p><b>Translation:</b> It was enquired whether there would be any job opportunities during the construction phase.</p>	<p>Diergaardt, W Chairman</p>	<p>Eskom stel 'n kontrakteur aan vir die bou van die kraglyn en die kontrakteur bring sy eie span mense, wat kennis van kraglynkonstruksie het, saam. Daar mag egter geringe geleenthede wees waar plaaslike hulp benodig sal word en dan sal die hulp plaaslik verkry word.</p> <p><b>Translation:</b> Eskom appoints a contractor to build the power line and the contractor brings his own team of people who have knowledge of power line construction. There may however be limited job opportunities where local assistance could be needed and these will be sourced locally. <i>Wimpie Henning, Eskom</i></p>
<p>Watter sosiale voordele hou hierdie projek in vir plaaslike gemeenskappe.</p> <p><b>Translation:</b> What is the social advantage of this project for local communities?</p>	<p>Links, Willem Committee Member</p>	<p>Een van die voordele vir plaaslike gemeenskappe tydens die konstruksie van 'n Tx kraglyn is 'spin-offs' bv 'n wassery besigheid, maaltye aan die konstruksie werkers te voorsien, ens.</p> <p><b>Translation:</b> One of the advantages that local communities can get from the construction of a Tx power line is the spin-offs associated with the construction phase, i.e. laundry services, meals / food, etc. <i>Wimpie Henning, Eskom</i></p>
<b>2. Biodiversiteit Kommentaar / Biodiversity Comments</b>		
<p>Indien daar spesies is wat nie aangeraak mag word nie en dit kom in die roete wat Eskom verkies voor, wat gebeur dan?</p> <p><b>Translation:</b> Should there be species that could not be impacted on and it is in the route that Eskom selected, what would happen then?</p>	<p>Diergaardt, W Chairman</p>	<p>Dit is om die rede dat daar omgewingstudies gedoen word. Sou daar egter 'n spesie ontdek word tydens konstruksie, dan word konstruksie opgehou totdat die plant hervestig is of indien dit nie moontlik is om dit te hervestig nie, dan sal die toringposisie verskuif.</p> <p><b>Translation:</b> This is the reason why environmental studies are being conducted.</p>

Kommentaar / Comment	Geopper Deur / Raised By	Antwoord / Response
		<p>However, should a sensitive species be identified during construction, then construction will cease and the plant will be reintroduced to another area. Should this not be possible, then the tower position would be moved.</p> <p><b>Wimpie Henning, Eskom</b></p>
<b>3. Korridor Kommentaar / Corridor Comments</b>		
<p>Wat is die wyde van die Korridor?</p> <p><b>Translation:</b> What is the width of the corridor?</p>	<p>Diergaardt, W Chairman</p>	<p>5km Wyd, en dit is die wydte wat aan DEA vir OM deurgegee word. Die geregistreerde servituut is slegs 55m breed.</p> <p><b>Translation:</b> 5km wide, and this is the width that will be submitted to DEA for an EA. The width of a registered servitude would only be 55m.</p> <p><b>Wimpie Henning, Eskom</b></p>
<p>Dit was verneem of die voorgestelde kraglyn parallel met die bestaande kraglynsal loop.</p> <p><b>Translation:</b> It was enquired whether the proposed power line will be parallel to the existing power line.</p>	<p>Farmer, Edwin Committee Member</p>	<p>Indien Alternatief 2 deur die DEA goedgekeur word is dit die beplanning dat die nuwe voorgestelde kraglyn parallel, sover moontlik, met die bestaande kraglyn sal loop.</p> <p><b>Translation:</b> Should Alternative 2 be approved by the DEA, it is planned that the newly proposed power line will run parallel, as far as possible, to the existing power line.</p> <p><b>Wimpie Henning, Eskom</b></p>
<b>4. Tegnieiese Kommentaar / Technical Comments</b>		
<p>Daar was verwys na 'n voorval waaraan van Eskom se torings omgeval het en verneem of so 'n voorval weer kan voorkom.</p> <p><b>Translation:</b> Reference was made to an incident where one of Eskom's towers fell and it was enquired whether such an incident may occur again.</p>	<p>Farmer, Jacobus Committee Member</p>	<p>Die voorval was as gevolg van die kontrakteur wat kansse geneem het deur minder sement in die fondasies te gebruik en daar is streng konstruksie-maatreëls wat in plek gestel is om sulke voorvalle te voorkom.</p> <p><b>Translation:</b> The incident was as a result of where the contractor took chances by using less cement than is required in the foundations. Strict construction measures are now in place to prevent such incidents.</p> <p><b>Wimpie Henning, Eskom</b></p>

Kommentaar / Comment	Geopper Deur / Raised By	Antwoord / Response
<b>5. Projek Kommentaar / Project Comments</b>		
<p>Dit was verneem of bestaande paaie deur Eskom opgegradeer sal word tydenskonstruksie.</p> <p><b>Translation:</b> It was enquired whether existing roads would be upgraded by Eskom during the construction phase.</p>	<p>Diergaardt, W Chairman</p>	<p>Indien 'n pad deur Eskom se kontrakteur beskadig word sal dit herstel word, maar geen opgradering van paaie is by die projek ingesluit nie.</p> <p><b>Translation:</b> Should Eskom's contractor be responsible for damaging a road, then it would be repaired by Eskom. However, upgrading of roads is not part of this project. <b>Wimpie Henning, Eskom</b></p>
<p>Die vraag was gevra oor watter voordele hou die voorgesteldeprojek in vir die gemeenskap bv laer elektrisiteitstariewe.</p> <p><b>Translation:</b> The question was raised as to what advantages the proposed project holds for the community i.e. lower electricity tariffs?</p>	<p>Farmer, Jacobus Committee Member</p>	<p>Die voordeel van die projek is die versterking en stabiliteit van elektrisiteitsvoorsiening.</p> <p><b>Translation:</b> The advantage of this project is the strengthening and stability of the electricity supply in the Northern Cape Province. <b>Wimpie Henning, Eskom</b></p>
<p>Dit was gevra wat is die gemiddelde konstruksie tydperk vir 'n kraglyn van hierdie lengte.</p> <p><b>Translation:</b> It was asked what the average construction period is for a power line of this length.</p>	<p>Farmer, Edwin Committee Member</p>	<p>2 Jaar / 2 Years <b>Wimpie Henning, Eskom</b></p>
<b>6. OIS Proses Kommentaar / EIA Process Comments</b>		
<p>Die moontlikheid van Appél teen die projek aanteken is genoem aangesien die voorgestelde kraglyndeur 'n Wêreld Erfenis Gebied kan gaan en voel die saak moet nou aandag geniet.</p> <p><b>Translation:</b> The possibility of Appeal against the proposed power lines has been mentioned as the power lines could traverse a World Heritage Site and the matter needs to receive attention now.</p>	<p>Farmer, Jacobus</p>	<p>Die proses van Appél aanteken was verduidelik en dit was ook genoem dat Appél allenlik aangetekenkan word wanneer 'n OM vir die projek toegestaan is. Die Appél proses sal saam met die OM aan geregistreerde belange groepe en geaffekteerde partye uitgereik word. Wat die RGEV wel op hiedie stadium kan doen is om teenkanting aan te teken en hulle redes rakende die teenkanting op skrif te stel.</p>

Kommentaar / Comment	Geopper Deur / Raised By	Antwoord / Response
		<p><b>Translation:</b> The process of Appeal was explained and it was mentioned that an Appeal could only be lodge once an EA has been granted. A copy of the Appeal proseswill be included with the EA which will be sent to all registered stakeholders and affected parties. What the RCPA can do at this stage is to submit their written objection, providing the reason as to why they are objecting. <b>Nicolene Venter, Savannah</b></p> <p>Dit was aan die teenwoordiges uitgewys dat Alternatief 2 nie deur die Wêreld Erfenis Gebied gaan nie.</p> <p><b>Translation:</b> The attendees' attention was drawn to the fact that Alternative 2 does not traverse the World Heritage Site. <b>Wimpie Henning, Eskom</b></p>
<b>7. Serwituutvergoeding Kommentaar / Servitude Compensation Comments</b>		
<p>Dit word bevestig dat serwituutonderhandeling en –vergoeding deur die RGEV moet plaasvind.</p> <p><b>Translation:</b> It was confirmed that the servitude negotiations and compensation must be done with the RCPA.</p>	<p>Diergaardt, W Chairman</p>	<p>Inligting genotuleer / Information minuted.</p>
<p>Dit was verneem of vergoeding 'n eenmalige transaksie is.</p> <p><b>Translation:</b> It was enquired whether compensation is a once off transaction.</p>	<p>Farmer, Edwin Committee Member</p>	<p>Ja, Eskom doen 'n eenmalige vergoeding. Eskom sal 'n onafhanklike geakkrediteerde Waardeerder aanstel wat na aspekte soos markwaarde van eiendomme in die gebied kyk, hoeveel vierkante meter/hektaar word benodig vir die serwituut, ens en dan maak Eskom 'n aanbod aan die eienaar wat onderhandel word.</p> <p><b>Translation:</b> Yes, Eskom will pay a once-off compensation. Eskom will appoint</p>

Kommentaar / Comment	Geopper Deur / Raised By	Antwoord / Response
		<p>an independent accredited Valuator who will look at aspects such as the market value of properties in the area, the square metres/hectares required for the servitude, etc and submit a proposal to the affected LO to start negotiations.</p> <p><b><i>Wimpie Henning, Eskom</i></b></p>
<p>Dit was verneem of die eenmalige vergoeding onderhandelbaar is bv 'n maandelikse betaling.</p> <p><b><u>Translation:</u></b> It was enquired whether the one-off payment is negotiable, i.e. a monthly payment.</p>	<p>Farmer, Jacobus Committee Member</p>	<p>Die administrasie verbonde aan 'n maandelikse betaling vir serwitute is intensief en dit is nie die kern van Eskom se besigheid nie.</p> <p><b><u>Translation:</u></b> The administration involved for monthly payments of servitudes is intensive and it is not one of Eskom's core businesses.</p> <p><b><i>Wimpie Henning, Eskom</i></b></p>
<b>8. Kommunikasie Kommentaar / Communication Comments</b>		
<p>Dit was versoek dat inligting rakende Eskom se algehele elektriesiteitsvoorsiening kringnetwerk voorsien word.</p> <p><b><u>Translation:</u></b> Information was requested of Eskom's overall electricity supply ring-network.</p>	<p>All present</p>	<p>A copy of the Northern Cape Province electricity supply ring-network will be attached to the minutes.</p>

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 11 August 2011 09:45  
**To:** 'naipboerdery@nashuaisp.co.za'  
**Subject:** FW: Aggeneis-Oranjemond: Voorgestelde Eskom 400kV Transmissiekraglyn Projek)  
**Attachments:** Aggeneis-Oranjemond EIA Newsletter (Afr) FINAL - 04 July 2011.pdf; Aggeneis-Oranjemond EIA Newsletter FINAL - 04 July 2011.pdf; Aggeneys-Oranjemond BID.pdf; Corridors\_Jun2011.kml

**Importance:** High

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**From:** Nicolene Venter  
**Sent:** 11 August 2011 09:44  
**To:** 'naipboerdery@nashuaisp.co.za'  
**Subject:** FW: Aggeneis-Oranjemond: Voorgestelde Eskom 400kV Transmissiekraglyn Projek)  
**Importance:** High

---

**From:** Nicolene Venter  
**Sent:** 11 August 2011 09:44  
**To:** 'naipboerdery@nashuaisp.co.za'  
**Cc:** gerhard@savannahsa.com  
**Subject:** FW: Aggeneis-Oranjemond: Voorgestelde Eskom 400kV Transmissiekraglyn Projek)  
**Importance:** High

Beste Abraham

Dankie vir die korrekte e-pos adres. Ek verander ons databasis onmiddellik.

Vriendelike groete

---

**From:** Nicolene Venter  
**Sent:** 11 August 2011 09:26  
**To:** 'Abraham Maas'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond: Voorgestelde Eskom 400kV Transmissiekraglyn Projek)  
**Importance:** High

Beste Abraham

Baie dankie dat jy vanoggend my oproep geneem het - ek waardeer dit opreg.

Soos bespreek, vind asseblief aangeheg die dokumente wat agtergrond rakende die bogenoemde voorgestelde projek gee.

Die volgende paar e-pos boodskappe sal die PDF kaarte bevat wat grondeienarinligting bevat.

Moet asseblief nie huiwer om ons te kontak indien jy enige addisionele inligting verlang nie.

Vriendelike groete

NICOLENE VENTER

Snr Public Participation Practitioner

**SiVEST Environmental Division**

**direct** +27 11 798 0635 **tel** +27 11 798 0600 **fax** +27 11 803 7272 **cell** +27 83 377 9112

**e-mail** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 10 August 2011 10:16  
**To:** 'Dorothy Beets'; 'Sarel Beets'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond (voorgestelde 400kV Eskom kraglyne)  
**Attachments:** Aggeneis-Oranjemond EIA Newsletter (Afr) FINAL - 04 July 2011.pdf; Aggeneis-Oranjemond EIA Newsletter FINAL - 04 July 2011.pdf; Aggeneys-Oranjemond BID.pdf; Aggeneys-Oranjemond BID.pdf; Map03.pdf; Map03.pdf

Beste Dorothy en Sarel

Dankie dat jy my oproep van Maandag geneem het en so op die nippertjie van 'geen sein'. Ek hoop julle geniet julle 'vakansie'.

Soos belowe Dorothy, vind asseblief aangeheg die volgende dokumente:

- Agtergrondinligtingsdokument
- OIS Nuusbrief
- Kaart met onderverdelings (Map03)

Ons beplan om binnekort fokusgroepvergaderings te hou waarheen alle grondeienaars genooi sal word en enige voorstelle oor waar ons dit kan hou sal welkom wees.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

**direct** +27 11 798 0635 **tel** +27 11 798 0600 **fax** +27 11 803 7272 **cell** +27 83 377 9112  
**e-mail** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 12 August 2011 06:25  
**To:** 'C Bonn'  
**Subject:** EIA: Aggeneis-Oranjemond: Request for Information  
**Attachments:** Aggeneis-Oranjemund EIA Newsletter FINAL - 04 July 2011.pdf; Corridors\_Jun2011.kml; Map15.pdf

**Importance:** High

Dear Mr Bonn

As you may recall, Savannah Environmental is conducting the environmental impact assessment for the proposed Aggeneis-Oranjemond 400kV Eskom Transmission Line Project.

According to the Deeds Offices and WINDeed searches, the properties as indicated in the attached map is registered in the name of Nama Khoi Municipality. It will be appreciated if you could confirm this for us.

Also, can you maybe assist with a contact name and telephone number for the portion of GROOT DERM registered in the name of SCHOLKOR BK.

We are looking forward to your speedy reply.

Kind regards

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

**direct** +27 11 798 0635 **tel** +27 11 798 0600 **fax** +27 11 803 7272 **cell** +27 83 377 9112  
**e-mail** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 14 October 2011 07:30  
**To:** 'goalfin@telkomsa.net'  
**Cc:** 'Alicia Govender'; 'John von Mayer'  
**Subject:** EIA: Aggeneis-Oranjemond - Response to questions

**Importance:** High

Dear Leon

Thank you very much for your question for clarification regarding the need for the proposed 400kV Transmission Power Line.

The main reason for this proposed power line is to strengthen the electricity supply to the Northern Cape as there are currently only one feeder line to the area (Springbok, Steinkopf, etc) and to ensure an uninterrupted electricity supply to the area an additional *loop* is being proposed. The need to expand the electricity network in the country is determined by Eskom's 20 year electricity demand forecast. The load forecast for the National Grid is divided by Eskom into 6 Grids Customer and each Grid has its own forecast contributing to the system forecast. The Grid forecast forms the basis on which strengthening and generation plans are based.

Kind regards

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SIVEST Environmental Division**

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**From:** Leon Coetzee [mailto:goalfin@telkomsa.net]  
**Sent:** 06/10/2011 12:33 PM  
**To:** alicia@savannahsa.com  
**Cc:** nicolene@sivest.co.za  
**Subject:** POWER LINE

Good Day

RE : POWER LINE : AGGENEYS TO ORANJEMUND

We would like to know why they want to build a 400kv power line in this area . Is there a development coming or what is the reason ? Surely they do not need a 400 kv line unless they have a development in the area.

Kind Regards,

Leon Coetzee

## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 12 August 2011 08:23  
**To:** 'didi.deabreu@debeersgroup.com'  
**Cc:** 'gerhard@savannahsa.com'; 'Jo-Anne Thomas'  
**Subject:** EIA: Aggeneis-Oranjemond Project (Project documents and PDF Map)  
**Attachments:** Map12.pdf; Aggeneys-Oranjemond BID.pdf; Aggeneis-Oranjemond EIA Newsletter FINAL - 04 July 2011.pdf

**Importance:** High

Dear Didi

I believe that my earlier e-mail with the information as attached to this e-mail was not sent.

As per our earlier telephonic discussion, it will be appreciated if you could put us in contact with the relevant De Beers Consolidated Mines who we need to inform about the EIA for this proposed project and to ensure that a transparent and robust consultation process is followed.

One of three Corridors traverses the properties registered in the name of *De Beers Consolidated Mines*.

I believe that you've received the KML file?

Looking forward to your feedback.

Kind regards

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SIVEST Environmental Division**

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# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

Private Bag X120, Pretoria (Tshwane), 0001  
Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084

From: Directorate Land Use and Soil Management  
Tel: 012-319-7634 Fax: 012-329-5938 E-mail: abnrm@nda.agric.za  
Enquiries: Helpdesk Ref: 2011\_07\_0060

Sivest Environmental  
P. O. Box 2921  
**RIVONIA**  
2128

2011 -07- 28

Dear Sirs/Madam

## **ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) FOR THE PROPOSED AGGENEIS ORANJEMOND 400KV POWER LINE AND SUBSTATION UPGRADE, NORTHERN CAPE PROVINCE**

Your letter 10728 Aggeneis-Oranjemond EIA dated 04 July 2011 refers.

The proposed subdivision and extension of the existing town on the above mentioned property is not subject to the provisions of the Subdivision of Agricultural Land Act, 1970 (Act No. 70 of 1970) as the above mentioned property belongs to the municipality (State) . Section 2(a) (i) of Act 70 of 1970 specifies that:

**"2. Actions which are excluded from application of Act**

The provisions of this Act shall not apply in respect of-

- (a)(i) any subdivision of land for the purpose of transferring a portion thereof to the State or a statutory body; ...."

Registrations of transactions on the above property will therefore no longer require a letter from this Department.

Yours faithfully

**DELEGATE OF THE MINISTER: LAND USE AND SOIL MANAGEMENT**

## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 11 August 2011 12:23  
**To:** 'Danie&Riana Jacobs'  
**Subject:** OIS: Aggeneis-Oranjemund - Afrikaanse Nuusbrief  
**Attachments:** Aggeneis-Oranjemund EIA Newsletter (Afr) FINAL - 04 July 2011.pdf

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 22 August 2011 13:02  
**To:** 'Sybie Kotze'  
**Cc:** 'Gerhard Cronje'; 'Ingrid Snyman'  
**Subject:** OIS: Aggeneis-Oranjemond voorgestelde Eskom 400kV Transmissiekraglyn Projek  
**Attachments:** Agg - Oranj EIA preferred alternative.pdf; Map05.pdf; Map05 (Riet Kloof).pdf; Aggeneys-Oranjemond BID (Afrikaans).pdf; Aggeneis-Oranjemond EIA Newsletter (Afr) FINAL - 04 July 2011.pdf

Beste Sybie

Baie dankie dat jy terug geskakel het en ek verstaan dit moet dol gaan tydens die jagseisoen.

Soos belowe, vind asseblief aangeheg die volgende kaarte:

- Aggeneis-Oranjemond OIE voorgestelde alternatiewe
- Kaart No 5 (Map05 PDF) wat aandui hoe die voorgestelde deurgange die plaas Riet Kloof op hierdie stadium beïnvloed.
- Kaart No 5 (Map05 (Riet Kloof) – al die ander inligting verwyder vir 'n beter oorsig)

Ken jy dalk help met kontaknommers van die eienaars van:

- Ariroep 163 (plaas geregistreer in die naam van Ariroep Boerdery BK)
- Kootjes Vlei 162 (geregistreer in die naam van NB Mulder)
- Langvlei 576 (geregistreer in die naam van DE Mulder)
- Riet Kloof 140:
  - GJ Moster (gedeelte Remiander)
  - Nounansies Plase BK (gedeelte 3)
  - Riet Kloof Communal Property Association (gedeelte 1)
- Grasvlakte 577

Sybie, soos genoem, beplan ons om in Oktober 'n fokusgroepvergadering (eintlik 'n reeks met grondeienaars en plaaslike owerhede) met grondeienaars tussen Springbok en Oranjemond te hou. Ons sal jou op vroegetydig inlig van die datum en tyd.

Soos genoem, is daar nog nie 'n keuse tussen die 3 deurgange (en gepaardgaande voorgestelde roetes) gemaak nie en is die omgewingspesialiste tans besig met hul gedetailleerde studies.

Moet asseblief nie huiwer om my te kontak sou jy enige addisionele inligting op die stadium verlang nie.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

**direct** +27 11 798 0635 **tel** +27 11 798 0600 **fax** +27 11 803 7272  
**email** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 11 August 2011 12:38  
**To:** 'Jaco Maass'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond voorgestelde Eskom 400kV kraglynprojek  
**Attachments:** Aggeneis-Oranjemond BID Reply Form (EngAfr).pdf; Aggeneys-Oranjemond BID (Afrikaans).pdf

**Importance:** High

Beste Jaco

Soos telefonies bespreek, vind asb aangeheg die Agtergrondinligtingsdokument en die OIE Nuusbrief.

Die kaart (PDF) en KML (Google Earth) volg binnekort.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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**e-mail** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 10 August 2011 13:34  
**To:** 'Jasper Mostert'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond voorgestelde Eskom 400kV Transmissiekraglynprojek  
**Attachments:** Aggeneis-Oranjemund EIA Newsletter (Afr) FINAL - 04 July 2011.pdf; Aggeneis-Oranjemund EIA Newsletter FINAL - 04 July 2011.pdf; Aggeneys-Oranjemond BID.pdf; Center\_Lines\_Jun2011.kml; Map01.pdf

**Importance:** High

Beste Jasper

Baie dankie vir vanmiddag se gesprek - dit was baie insiggewend en hoop van harte dat die aagehegde dokumente die nodige agtergrondinligting voorsien wat julle benodig.

Soos genoem, ons beplan 'n fokusgroepvergadering en ons wil graag die Boesmanland Boerevereniging asook die moontlik geaffekteerde grondeienaars nooi na 'n fokusgroepvergadering wat beplan word.

Moet asseblief nie huiwer om my te kontak indien jy enige addisionele inligting verlang.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 27 November 2011 22:17  
**To:** 'Wilna Mulder (Wilna.Mulder@absa.co.za)'  
**Subject:** RE: VERSOEK VIR VERGADERING: OIS - Voorgestelde Aggeneis-Oranjemond 400kV Kraglynprojek

Beste Klaas

Om die kommunikasie rakende jou ondergenoemde e-pos af te handel verneem ons graag of jou kommentaar soos genoem hieronder nog geldig is. Indien nie, veral na aanleiding van Maandag, 14 November 2011 se vergadering, sal ons dit waardeer as jy ons skriftelik daarvan in kennis kan stel.

Vriendelike groete

Nicolene

---

**From:** Wilna Mulder (Wilna.Mulder@absa.co.za) [mailto:Wilna.Mulder@absa.co.za]  
**Sent:** 17 October 2011 12:16  
**To:** Nicolene Venter  
**Subject:** FW: VERSOEK VIR VERGADERING: OIS - Voorgestelde Aggeneis-Oranjemond 400kV Kraglynprojek

Goeie middag Nicolene

Ek verwys na jou telefoniese gesprek met Mnr NB Mulder rakende bogemoemde aangeleentheid. U sou gereel het vir 'n vergadering in die Kaap, maar het ek sederdien nog nie weer van u gehoor. Neem asseblief net kennis dat ek onder geen omstandighede op enige van my 2 plase in die gebied sal toelaat dat daar 'n hoogspanningskragdraad/aanleg daarvoor gaan nie.

Plaas Kootjesvlei  
Plaas Tuschen- in

Byvoorbaat dank.

Namens Mnr NB Mulder

### **Wilna Mulder**

Executive Insurance Advisor  
Tyger Valley Office Park 2  
C/O Old Oak & Willie v Schoor  
Bellville, 7530  
Cell: 082 828 4905  
Tel: +27 21 974 1638  
Fax: +27 21 914 6780  
Email: wilna.mulder@absa.co.za  
**ABSA INSURANCE AND FINANCIAL ADVISERS**



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**From:** Nicolene Venter [mailto:NicoleneV@sivest.co.za]  
**Sent:** 05 October 2011 08:09 PM  
**To:** Wilna Mulder (Wilna.Mulder@absa.co.za)  
**Subject:** RE: VERSOEK VIR VERGADERING: OIS - Voorgestelde Aggeneis-Oranjemond 400kV Kraglynprojek

Beste Wilna

Ek het jou boodskap op my selfoon gekry – baie dankie. Ek sal Klaas definitief more skakel sal ons se so na 11h00 (se so teen 11h30) – sal dan in Port Nolloth wees en hope klaar by die Richtersveld Plaaslike Munisipaliteit.

Groetnis  
Nicolene

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**From:** Wilna Mulder (Wilna.Mulder@absa.co.za) [mailto:Wilna.Mulder@absa.co.za]  
**Sent:** 05 October 2011 09:31  
**To:** Nicolene Venter  
**Subject:** RE: VERSOEK VIR VERGADERING: OIS - Voorgestelde Aggeneis-Oranjemond 400kV Kraglynprojek

Goeie more Nicolene

Klaas Mulder kan ongelukkig nie die vergadering nm bywoon maar wil graag dringend met jou praat. Hy het jou op die selfoon probeer bel, maar kan jou ongelukkig nie in die hande kry. As jy kans kry sal hy dit waardeer as jy hom kan bel – hy is tans in opvang.

Vriendelike groete

Klaas Mulder – 082 82 84 905

**Wilna Mulder**

Executive Insurance Advisor  
Tyger Valley Office Park 2  
C/O Old Oak & Willie v Schoor  
Bellville, 7530  
Cell: 082 828 4905  
Tel: +27 21 974 1638  
Fax: +27 21 914 6780  
Email: wilna.mulder@absa.co.za  
**ABSA INSURANCE AND FINANCIAL ADVISERS**



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**From:** Nicolene Venter [mailto:NicoleneV@sivest.co.za]  
**Sent:** 20 September 2011 10:50 AM  
**To:** Jaco Maass; Jordaan Dippenaar; Jorrie Dippenaar; Wilna Mulder (Wilna.Mulder@absa.co.za)  
**Cc:** gerhard@savannahsa.com  
**Subject:** VERSOEK VIR VERGADERING: OIS - Voorgestelde Aggeneis-Oranjemond 400kV Kraglynprojek

Beste Jaco, Jorrie en Klaas

Ek hoop dit gaan goed met julle en dat julle sal onthou dat ek vroeg in Augustus met julle telefonies en waar moontlik per e-pos gesels het rakende hierdie voorgestelde projek.

Die tyd het nou aangebreek dat ons graag met die grondeienaars wie se eiendom moontlik deur die voorgestelde kraglyne geraak sal word 'n fokusgroepvergadering te hou. Die projekspan is die week vanaf die 3<sup>rd</sup> Oktober tot die 7de Oktober in die studie area en wil graag verneem of ons met julle, as 'n groep, kan gesels op:

**DATUM:** Woensdag, 5 Oktober 2011

**TYD:** 13H00 – 15H00

**PLEK:** Sal waardeer indien julle 'n aangewese plek kan aandui

Ons probeer 'n afspraak bevestig te kry met die Namakwa Distrik Munisipaliteit ook vir die Woensdag om 09h00 – indien hulle nie vroegetydig bevestig nie, sal die oggend vir julle meer geleë wees?

Ek weet nie of dit enigsins vir julle moontlik sal wees om al die grondeienaars tussen Steinkopf en Alexander Baai (en Eskom te Oranjemond Transmissie Substasie) wat deur hierdie voorgestelde projek geraak word by hierdie voorgestelde vergadering te kry nie (bv 'n Boerevereniging in julle area?). Enige hulp sal opreg waardeer word.

Vir volledigheidshalwe heg ek weer die OIS Nuusbrieff en die kaarte wat julle en jul bure se eiendomme aandui.

Ek sien uit om van julle te hoor.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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Heritage Northern Cape  
22 Abattoir Road  
Ashburnham  
Kimberley  
8300

Your reference:

Our reference: 10728 Aggeneis-Oranjemond EIA

Date: 29 August 2011

**Attention: Mr Jason Sinthumule**

Dear Jason

**PROPOSED AGGENEIS-ORANJEMOND 400kV TRANSMISSION POWER LINE AND SUBSTATIONS UPGRADE, NORTHERN CAPE PROVINCE**

**DEA Reference No. 12/12/20/2041**

Eskom Holdings Ltd is proposing to establish a new 400 kV transmission line which will connect the Aggeneis and Oranjemond substations in the Northern Cape Province over an approximate distance of 240km. The envisaged project includes the upgrade of both substations to accommodate the new transmission line. The entire study site is located within the Eskom Western Grid and forms part of the Northern Cape Strengthening project.

In terms of the EIA Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, No 107 of 1998), Eskom Holdings Ltd requires authorisation from DEA in consultation with the Department of Environment and Nature Conservation (DENC) Northern Cape, for the undertaking of the proposed project.

This project has been registered with National DEA under application reference number **12/12/20/2041**. In this regard, Savannah Environmental has been appointed as the independent consultant to undertake the required EIA and public participation for the proposed project.


By registering on the project database, you would receive all relevant information regarding the project and would be provided with an opportunity to provide comment and input into the EIA process.

Please submit written comment to:

**Nicolene Venter of SiVEST**

Contact details: PO Box 2921, RIVONIA, 2128  
Tel.: 011 798 0600  
Fax: 011 803 7272  
E-mail: nicolenev@sivest.co.za

Kind Regards



Nicolene Venter  
**Snr Public Participation Practitioner**

**Incl.:** Background Information Document  
EIA Newsletter

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** 12 August 2011 07:54  
**To:** 'wdiergaardt@gmail.com'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond (Versoek vir bevestiging van eiendom - laaste eiendom)  
**Attachments:** Map12.pdf

Beste Mnr Diergaardt

Daar het nog een eiendom op ons kaarte verskyn en ek glo werklik hierdie is die laaste een wat ons graag bevestiging voor wil hê:

- FARM 115
  - Gedeelte 0

Ons sien uit na u terugvoer.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SIVEST Environmental Division**

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## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 12 August 2011 07:46  
**To:** 'wdiergaardt@gmail.com'  
**Cc:** gerhard@savannahsa.com  
**Subject:** OIS: Aggeneis-Oranjemond (2de Versoek vir bevestiging van eiendom)  
**Attachments:** Map13.pdf

**Importance:** High

Beste Mnr Diergaardt

Ek glo hierdie sal die laaste 'versoek vir bevestig van eienaarskap'. Op die PDF Kaarte aangeheg (Map13) is daar nog 'n gedeelte van KORRIDOR WES 2 (Gedeelte 1) wat in Richtersveld Communal Property Association se naam geregistreer is. Kan u dit ook vir ons bevestig asseblief.

Weereens is ons ook op soek na die kontak naam en telefoonnommer van u bure nl:

- KORRIDOR 21
  - Gedeeltes 8, 9 & 10
- FARM 600
  - Gedeelte 43
- KLEIN DUIN 154
  - Gedeelte 0 (SJ Sarif – het vanoggend met Mev Sarif gesels, Mnr Sarif is verlede jaar oorlede en sy dra vaagweg kennis dat daar 'n plaas in die familie was en dat die Broer en Suster dit geerf het, maar beide die Broere en Suster is nou ook oorlede en Mev Sarif dra geen verdere kennis rakende die eiendom nie)
- KANNIKWA 156
  - Gedeelte 0 (Kannikwa Diamond & Estate Corp Ltd)

Ons sien uit na u terugvoer.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SIVEST Environmental Division**

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email [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) website [www.sivest.co.za](http://www.sivest.co.za)

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**Consulting Engineers • Project Managers • Environmental Consultants • Town and Regional Planners**  
Durban • Johannesburg • Pietermaritzburg • Richards Bay • Ladysmith • Cape Town • Harare (Zimbabwe)

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## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 10 August 2011 10:50  
**To:** 'Willem Diergaardt'  
**Cc:** 'gerhard@savannahsa.com'  
**Subject:** OIS: Aggeneis-Oranjemond (400kV Eskom Transmissiekraglyn projek)  
**Attachments:** Aggeneis-Oranjemond EIA Newsletter (Afr) FINAL - 04 July 2011.pdf; Aggeneis-Oranjemond EIA Newsletter FINAL - 04 July 2011.pdf; Aggeneys-Oranjemond BID.pdf; Map04.pdf

**Importance:** High

Beste Mnr Diergaardt

Baie dankie dat u my oproep vanoggend geneem het. Soos genoem is Savannah Environmental aangestel as die onafhanklike omgewingskonsultante wat die omgewingsimpakstudie vir die voorgestelde 400kV Eskom Transmissiekraglyn projek doen.

Vind asseblief aangeheg die volgende dokumente vir die Richtersveld Gemeenskap Eiendomvereniging (Communal Property Association) se aandag:

- Agtergrondinligtingsdokument
- OIS Nuusbrief
- Kaart wat u vereniging se eiendomme aandui (Map04)

Ons beoog om binnekort fokusgroepvergaderings te hou en u, as verteenwoordiger van die Richtersveld CPA, al na die vergadering uitgenooi word.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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## Nicolene Venter

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**From:** Adrian Tiplady [atiplady@ska.ac.za]  
**Sent:** 17 November 2011 14:08  
**To:** Nicolene Venter  
**Cc:** 'joanne@savannahsa.com'; 'gerhard@savannahsa.com'  
**Subject:** Re: EIA: Aggeneis-Oranjemond proposed Eskom 400kV Transmission Power Line Project

Hi Nicolene,

I have not identified any potential risk to the SKA from this project.

Regards,

Adrian

On 2011/08/11 01:12 PM, Nicolene Venter wrote:

Dear Adriaan

Thank you so much for taking my call earlier. Attached is a KML file that shows the three proposed corridors (2km wide) that is part of the EIA process and will be assessed by the suite of environmental specialists within the next few weeks as to determine which corridor is the EIA preferred corridor.

The next e-mail will have our BID and EIA Newsletter.

The Final Scoping Report is available on Savannah Environmental's website (<http://www.savannahsa.com/projects>) should you require technical information.

Please do not hesitate to contact us should you require any additional information.

Kind regards

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

**direct** +27 11 798 0635 **tel** +27 11 798 0600 **fax** +27 11 803 7272 **cell** +27 83 377 9112  
**e-mail** [nicolenev@sivest.co.za](mailto:nicolenev@sivest.co.za) **website** [www.sivest.co.za](http://www.sivest.co.za)

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## Nicolene Venter

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**From:** Adrian Tiplady [atiplady@ska.ac.za]  
**Sent:** 16 November 2011 09:38  
**To:** Nicolene Venter  
**Cc:** Ntokozo Sosibo / SKA  
**Subject:** Re: Request for Information: Solar / Wind Farms EIAs

Hi Nicolene,

I had a recent meeting with Eskom planning division to look at all areas that may be sensitive to the SKA in the Northern Cape. Will the project we discussed below form part of their plans? I would not want to be speaking to multiple parties about the same issues.

We are aware of a number of EIAs being conducted, for both wind and PV.

Regards,

Adrian

On 2011/09/06 07:24 AM, Nicolene Venter wrote:

Dear Adriaan

You may recall our telephone discussion some weeks ago regarding the EIA being undertaken for the proposed Aggeneis-Oranjemond Eskom 400kV Transmission power line project, I would like to enquire whether you have any information of EIAs being conducted in our study area that SKA is aware / informed of.

Please find attached the Background Information Document and the EIA Newsletter for the proposed Aggeneis-Oranjemond Project which is in the impact phase and it is envisaged that the Draft Environmental Impact Assessment Report will soon be made available for public review.

Looking forward to your response.

Kind regards

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 11 August 2011 13:13  
**To:** 'Adriaan Tiplady'  
**Cc:** 'joanne@savannahsa.com'; 'gerhard@savannahsa.com'  
**Subject:** EIA: Aggeneis-Oranjemond proposed Eskom 400kV Transmission Power Line Project  
**Attachments:** Corridors\_Jun2011.kml

**Importance:** High

Dear Adriaan

Thank you so much for taking my call earlier. Attached is a KML file that shows the three proposed corridors (2km wide) that is part of the EIA process and will be assessed by the suite of environmental specialists within the next few weeks as to determine which corridor is the EIA preferred corridor.

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Please do not hesitate to contact us should you require any additional information.

Kind regards

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## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 31 August 2011 08:57  
**To:** 'HAH Van den Heever'  
**Cc:** gerhard@savannahsa.com; ingrid@bathoearth.co.za  
**Subject:** OIS: Aggeneis-Oranjemond (Versoek vir bevestiging van eiendom)  
**Attachments:** Aggeneis-Oranjemond EIA Newsletter (Afr) FINAL - 04 July 2011.pdf; Aggeneis-Oranjemond EIA Newsletter FINAL - 04 July 2011.pdf; Aggeneys-Oranjemond BID.PDF; Corridors\_Jun2011.kml; Map07.pdf

**Importance:** High

Beste Ds Van den Heever

Soos per aangehegde dokumente wil ons u graag in kennis stel dat volgens die Akte Kantoor (en WinDEED) is die Gedeelte 4 van die Karas 76 geregistreer in die naam van die Nederduitse Gereformeerde Kerk. U naam en kontakligting is aan ons voorsien deur die Sinode in Noord-Kaapland.

Savannah Environmental is aangestel deur Eskom om die Omgewingsimpakstudie te doen vir die voorgestelde 400kV Transmissiekraglyn tussen Eskom se bestaande Aggeneis Transmissie Substasie en hul bestaande Oranjemond Transmissie Substasie. Ons wil die Nederduitse Gereformeerde Kerk deel maak van die konsultasie proses en 'n reeks fokusgroepvergaderings word beplan en u (of 'n verteenwoordiger) sal uitgenooi word sodra finale reelings getref is.

Ons wil u ook graag versoek om ons behulpsaam te wees met u bure – indien u hulle kontakligting het (volgens 'Map07') sal ons dit waardeer as u dit aan ons kan deurstuur.

Moet asseblief nie huiwer om my te kontak indien u enige verdere inligting verlang nie.

Vriendelike groete

NICOLENE VENTER  
Snr Public Participation Practitioner  
**SiVEST Environmental Division**

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## Nicolene Venter

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**From:** Nicolene Venter  
**Sent:** 01 September 2011 13:45  
**To:** 'Tallie van den Heever'  
**Subject:** RE: Aggeneis-Oranjemond (Versoek vir bevestiging van eiendom)

Baie Baie dankie hiervoor Tallie. Ek sal met die grondeienaars kontak maak.

Vriendelike groete

Nicolene

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**From:** Tallie van den Heever [mailto:tallie@kingsley.co.za]  
**Sent:** 01 September 2011 13:16  
**To:** Nicolene Venter  
**Subject:** Fw: Aggeneis-Oranjemond (Versoek vir bevestiging van eiendom)

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

**From:** [Tallie van den Heever](#)  
**To:** [NG Kerk Boesmanland](#)  
**Sent:** Thursday, September 01, 2011 12:15 PM  
**Subject:** Re: Aggeneis-Oranjemond (Versoek vir bevestiging van eiendom)

HdL  
Dankie vir die kennisgewing, die Ned. Geref. Kerk het slegs enkele hektare in die afgebakende gebied waarop `n saal gebou is, die ander belanghebbendes is egter boere wat werklik belang het by uitwerking van die bou van `n kraglyn. Ek kan u ongelukkig nie voorsien van epos-adresse nie, hier is egter telefoonnommers wat ek het:  
AJ de Grijs : 027-7525759  
AJ van den Heever 027-7525767  
JHJ Kennedy 027-7525769  
P van Niekerk 054-921203

Hoop dit help.  
HAH van den Heever