



**ENVIRONMENTAL IMPACT
ASSESSMENT PROCESS**

**NOUPOORT CONCENTRATED SOLAR
POWER (CSP) PROJECT, NORTHERN
CAPE PROVINCE**

SCOPING PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

HANDRÉ NIEUWOUDT

**ALLEMANS FONTEIN RE/83 AND
DAMFONTEIN 8/114**

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

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E-mail: gabriele@savannahsa.com

**HELD ON
THURSDAY 7 APRIL 2016**

VENUE

FARM HOLVLAKTE, NOUPOORT

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

NOUPOORT CONCENTRATED SOLAR POWER (CSP) PROJECT, NORTHERN CAPE PROVINCE

Venue: Farm Holvlakte, Noupoort
Date: Thursday 7 April 2016
Time: 11:30

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed Mr Nieuwoudt and introduced herself as the social consultant for the Environmental Impact Assessment (EIA) process being undertaken for the construction of the proposed Noupoort Concentrated Solar Power (CSP) Project near Noupoort in the Northern Cape Province.

She noted that the project is being proposed by CRESCO Energy (Pty) Ltd and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant to undertake the EIA process for the project. Ms Hunter stated that the purpose of the proposed CSP facility will be to export the generated power into the Eskom electricity grid. She explained that the project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

Ms Hunter thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the project in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Handré Nieuwoudt (HN)	Adjacent landowner – Allemans Fontein RE/83 and Damfontein 8/114
Thalita Botha (TB)	Savannah Environmental - Environmental Consultant
Candice Hunter (CH)	Savannah Environmental - Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

Thalita Botha presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project (please refer to the attached presentation).

DISCUSSION SESSION

Question / Comment	Response
<i>HN:</i> Will the project connect to the Newgate Substation directly?	<i>TB:</i> An onsite substation will be constructed for the project. The project will connect to the Newgate Substation via the proposed onsite substation.
<i>HN:</i> I am not sure if the developer will be able to evacuate power into the Newgate Substation as there is another solar facility that is also connecting to the grid via the Newgate Substation. Will the developer be able to connect to substations located further away?	<i>TB:</i> It is possible for the project to evacuate substations which are located further away than the Newgate and Noupoot substations. However, this would increase the length of the power line and the area to be assessed. One of the primary reasons the developer chose the proposed development site is due to its proximity to the Newgate Substation.
<i>HN:</i> How does this EIA process affect me? Why am I being consulted?	<i>TB:</i> You have been identified as an adjacent landowner. Adjacent landowners are being consulted throughout the EIA process to ensure that any issues and concerns can be adequately considered within the EIA process.
<i>HN:</i> What species of birds were identified within the area?	<i>TB:</i> The bird species that were identified by the avifaunal specialist includes the Karoo Korhaan and Blue Cranes. A Verreaux's Eagle as well as the African Rock Pipit were spotted near the low mountain range within the Remaining Extent of the Farm 207, and a Secretary bird's nest was identified within Portion 4 of the Farm Carolus Poort 167. Other species that were recorded during the specialist's site visits include the Martial Eagle and the Ludwig's Bustard.
<i>HN:</i> Why have avifaunal specialist studies been conducted, especially if the developer will commence with the construction anyway?	<i>TB:</i> An EIA process, including specialist assessments such as an avifaunal impact assessment is required to be undertaken in order

Question / Comment	Response
	to apply for an environmental authorisation for the project. The avifaunal impact assessment is required to identify the potential impacts the project would have on birds. The specialist is required to recommend mitigation measures to alleviate and manage the potential impacts to birds. The potential impacts and sensitivities identified will ultimately inform the project's design and layout.
<i>HN:</i> An EIA was previously conducted on the same farm. Why is it necessary to undertake another EIA?	<i>TB:</i> This is a new project proposed on the same property. A separate EIA is required specifically for this project.
<i>HN:</i> I do not have any problems with the project.	<i>TB:</i> Noted.
<i>CH:</i> What activities are currently taking place on your farms?	<i>HN:</i> Livestock (sheep) farming as well as game (Springboks).
<i>CH:</i> What are the buildings/dwellings used for on Allemans Fontein RE/83?	<i>HN:</i> Homesteads, but none of these are in use.
<i>CH:</i> What is the Wildfontein road currently used for? Are there a lot of trucks travelling on the road?	<i>HN:</i> Only the farmers and the railway uses this road. There is a possibility that the other solar farm also uses this road.
<i>TB:</i> Do you lease any portion of your farm?	<i>HN:</i> No.
<i>TB:</i> Does anyone else reside on your farm?	<i>HN:</i> Only two farm workers.
<i>HN:</i> Who pays Savannah Environmental to undertake the EIA?	<i>TB:</i> The developer (CRESCO Energy (Pty) Ltd).
<i>HN:</i> An EIA was undertaken for a project on Damfontein 8/114 but I see that it is not included on the cumulative map.	<i>TB:</i> The cumulative map only shows projects that have already received environmental authorisation.
<i>HN:</i> How many projects shown on the cumulative map will be constructed?	<i>TB:</i> Two projects on the cumulative map have received preferred bidder status under the Department of Energy's REIPPP Programme, namely, the Noupoot Mainstream Wind Energy Facility and the Linde Project Solar Energy Facility.
<i>HN:</i> The power lines will need to be upgraded if all these projects on the cumulative map are constructed.	<i>TB:</i> Noted.
<i>CH:</i> The developer is considering to use borehole water for this project. Would that impact your borehole water supply?	<i>HN:</i> All my water comes from Jimpie van Zyl's farm.

WAY FORWARD AND CLOSURE

Candice Hunter stated that I&APs could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the draft Scoping Report that would be made available for a 30-day

review period and submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.



**ENVIRONMENTAL IMPACT
ASSESSMENT PROCESS**

**NOUPOORT CONCENTRATED SOLAR
POWER (CSP) PROJECT, NORTHERN
CAPE PROVINCE**

SCOPING PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

UMSOMBUVO LOCAL MUNICIPALITY

**HELD ON
THURSDAY 7 APRIL 2016**

VENUE

UMSOMBUVO LOCAL MUNICIPALITY, NOUPOORT

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

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E-mail: gabriele@savannahsa.com

Notes for the Record prepared by:

Savannah Environmental

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NOUPOORT CONCENTRATED SOLAR POWER (CSP) PROJECT, NORTHERN CAPE PROVINCE

Venue: Umsobomvu Local Municipality, Noupoort

Date: Thursday 7 April 2016

Time: 14:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed all present at the meeting and introduced herself as the social consultant for the Environmental Impact Assessment (EIA) process being undertaken for the construction of the proposed Noupoort Concentrated Solar Power (CSP) Project near Noupoort in the Northern Cape Province.

She noted that the project is being proposed by CRESCO Energy (Pty) Ltd and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant to undertake the EIA process for the project. Ms Hunter stated that the purpose of the proposed CSP facility will be to export the generated power into the Eskom electricity grid. She explained that the project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

Ms Hunter thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the project in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Mzawandile Toto (MT)	Umsobomvu Local Municipality – Municipal Manager
Lungile Majuba (LM)	Umsobomvu Local Municipality
Luthade Ngunguta (LN)	Umsobomvu Local Municipality
Rudi Reed (RR)	Umsobomvu Local Municipality
Greg Midlane (GM)	CRESCO Energy - Director
Thalita Botha (TB)	Savannah Environmental - Environmental Consultant
Candice Hunter (CH)	Savannah Environmental - Social Consultant

APOLOGIES

An apology was received from Cllr MA Sestile, the ward councillor for Ward 1.

PROJECT BACKGROUND

Thalita Botha presented the background and introduction to the project and provided an overview of the potential environmental impacts of the (please refer to the attached presentation).

DISCUSSION SESSION

Question / Comment	Response
<i>MT:</i> With previous renewable energy projects, construction workers were sourced from Middleburg and the revenue was therefore taken to another Municipality.	<i>GM:</i> An economic development specialist has been appointed by the Noupoot CSP Project whereby an intensive community needs- and opportunity analysis will be undertaken. During this process, the skills levels, job creation opportunities etc. will be investigated. Should the project be selected as a Preferred Bidder approaching Financial close, the process to recruit construction workers as well as where to house them (if applicable) etc. will be clearly defined.
<i>MT:</i> Accredited skills training and development programmes must be implemented as part of this project. Local workers must benefit in the long term, and not only during the construction phase.	<i>GM:</i> In accordance with the Department of Energy's IPP programme, funding for skills transfer becomes available to the project only during the operation phase. Should the project's financial model allow for skills transfer during the construction phase, it will be implemented. Furthermore, enterprises will be identified for mentoring, training and coaching with the intent to procure services from these businesses during the operation phase, as far as reasonably practical.
<i>MT:</i> Another issue is that the trustees for the community trusts change every 3 years, and the new trustees do not understand the process.	<i>GM:</i> This will be taken into consideration.
<i>MT:</i> Is this new trough technology?	<i>GM:</i> Yes, we have taken the trough technology and improved it to make it more environmental friendly and efficient. Other trough technology uses molten salt and oil, while the technology that we are proposing uses water.

Question / Comment	Response
<i>GM:</i> Who would be the person to speak to regarding water permits and other requirements?	<i>MT:</i> You can speak with me directly.
<i>MT:</i> Are the properties zoned for agricultural use?	<i>GM:</i> All three properties are zoned for special solar use.
<i>MT:</i> When will this project be bid to the Department of Energy?	<i>GM:</i> The project will be bid in 2018.

WAY FORWARD AND CLOSURE

Candice Hunter stated that I&APs could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the draft Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.



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ASSESSMENT PROCESS**

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POWER (CSP) PROJECT, NORTHERN
CAPE PROVINCE**

SCOPING PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

**PIETER AND ROSETTA LANGENHOVEN
FARM CAROLUS POORT 5/167**

**HELD ON
FRIDAY 8 APRIL 2016**

VENUE

FARM SANDDRIFT, NOUPOORT

Savannah Environmental (Pty) Ltd

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Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

NOUPOORT CONCENTRATED SOLAR POWER (CSP) PROJECT, NORTHERN CAPE PROVINCE

Venue: Farm Sanddrift, Noupoort
Date: Friday 8 April 2016
Time: 09:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed Mr and Mrs Langenhoven and introduced herself as the social consultant for the Environmental Impact Assessment (EIA) process being undertaken for the construction of the proposed Noupoort Concentrated Solar Power (CSP) Project near Noupoort in the Northern Cape Province.

She noted that the project is being proposed by CRESCO Energy (Pty) Ltd and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant to undertake the EIA process for the project. Ms Hunter stated that the purpose of the proposed CSP facility will be to export the generated power into the Eskom electricity grid. She explained that the project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

Ms Hunter thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the project in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Pieter and Rosetta Langenhoven (PL)	Adjacent Landowner – Farm Carolus Poort 5/167
Thalita Botha (TB)	Savannah Environmental - Environmental Consultant
Candice Hunter (CH)	Savannah Environmental - Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

Thalita Botha presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project (please refer to the attached presentation).

DISCUSSION SESSION

Question / Comment	Response
<i>PL:</i> There will be a visual impact as one can see the reflection from these facilities from far.	<i>TB:</i> Comment noted. A Visual Impact Assessment will be undertaken as part of the EIA.
<i>PL:</i> Why don't the developers develop the project further away from the town? The same landowners have properties behind the ridge as well.	<i>TB:</i> The proposed site is considered to be highly desirable for the development of a CSP project due to its suitable topography (i.e. in terms of slope and local topography), site access (i.e. to facilitate the movement of machinery during the construction phase and operations staff in the long-term), land availability (i.e. the land is secured for the intended use), the extent of the site (i.e. the land parcel is able to accommodate the 900 ha required for the facility), and enabling optimal placement of the infrastructure considering potential environmental sensitivities or technical constraints. The site selected is also in close proximity to grid connection options, namely the Newgate and Noupoort substations. Furthermore, the site selected has already been zoned for solar use.
<i>PL:</i> Usually the developers undertake the EIA and then they consult the adjacent landowners. Personally, I feel that the landowners should be consulted beforehand.	<i>TB:</i> This project is in the Scoping phase which is the initial phase of the EIA. Impacted and adjacent landowners are being consulted throughout the EIA process to ensure that any issues and concerns can be adequately considered within the EIA process.
<i>PL:</i> Will there be any developments on Farm Carolus Poort 5/167?	<i>TB:</i> The project will be constructed on the Remaining Extent of the Farm 207, Portion 1 and

Question / Comment	Response
	Portion 4 of the farm Carolus Poort 167.
<i>PL:</i> In the beginning we were told that the development would be within Portion 2 of Kleinfontein 117.	<i>TB:</i> That is a different project being proposed by a different developer.
<i>PL:</i> Will they also construct windfarms on Hallbrooks property?	<i>TB:</i> CRESCO Energy is proposing the development of a CSP facility within the Remaining Extent of the Farm 207, Portion 1 and Portion 4 of Carolus Poort 167.
<i>PL:</i> There are a lot of Blue Crane birds within this area. They cause a lot of damage in this area. When you sowing seeds for the other animals, they usually peck up all the seeds.	<i>TB:</i> Comment noted.
<i>TB:</i> What do you use your farm for?	<i>PL:</i> Livestock farming (sheep and cattle).
<i>TB:</i> Does anyone besides you reside on the farm?	<i>PL:</i> No, all my farm workers live in town.
<i>TB:</i> After the project is awarded preferred bidder status, construction will commence. Will the construction have any impact on your farm? There will be an increase in traffic and dust. Approximately a 1000 workers will be required during the construction phase.	<i>PL:</i> No, we will not be impacted by construction activities.
<i>PL:</i> Will the project connect to the Newgate substation?	<i>TB:</i> Two grid connection options are being considered: <ul style="list-style-type: none"> i. A direct connection to the 132kV Newgate Substation, ii. A split connection between the 132 kV Newgate Substation and the 66kV Noupoot Substation.
<i>PL:</i> Where will the water required for the facility come from? I don't think the municipality has enough water.	<i>TB:</i> The developer is considering sourcing water from the local municipality or from an existing borehole located on the Remaining Extent of Farm 207.
<i>TB:</i> Are there any boreholes on your property? During the 36 months of construction, 100 000m ³ will be required. Will you be impacted if the developer uses borehole water?	<i>PL:</i> Yes, we have several boreholes. There are also two boreholes that the government drilled and they send a hydrologist from Kimberley every 3 months to determine if the groundwater table has lowered. If the water use isn't regulated, then the water will decrease.
<i>PL:</i> Who will the electricity produced by the solar facilities be sold to?	<i>TB:</i> All the generated power from these projects are sold to Eskom.

WAY FORWARD AND CLOSURE

Candice Hunter stated that I&APs could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the draft Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.



**ENVIRONMENTAL IMPACT
ASSESSMENT PROCESS**

**NOUPOORT CONCENTRATED SOLAR
POWER (CSP) PROJECT, NORTHERN
CAPE PROVINCE**

SCOPING PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

JIM DE VILLIERS

**PORTION 1 AND 4 OF CAROLUS POORT
167**

Savannah Environmental (Pty) Ltd

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**HELD ON
FRIDAY 8 APRIL 2016**

VENUE

PORTION 3 OF FARM 199, NOUPOORT

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

NOUPOORT CONCENTRATED SOLAR POWER (CSP) PROJECT, NORTHERN CAPE PROVINCE

Venue: Portion 3 of Farm 199, Noupoort
Date: Friday 8 April 2016
Time: 09:30

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed Mr du Toit and introduced herself as the social consultant for the Environmental Impact Assessment (EIA) process being undertaken for the construction of the proposed Noupoort Concentrated Solar Power (CSP) Project near Noupoort in the Northern Cape Province.

She noted that the project is being proposed by CRESCO Energy (Pty) Ltd and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant to undertake the EIA process for the project. Ms Hunter stated that the purpose of the proposed CSP facility will be to export the generated power into the Eskom electricity grid. She explained that the project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

Ms Hunter thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the project in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Jim de Villiers (JdV)	Impacted landowner – Portion 1 and 4 of Carolus Pooort 167
Thalita Botha (TB)	Savannah Environmental - Environmental Consultant
Candice Hunter (CH)	Savannah Environmental - Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

Thalita Botha presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project (please refer to the attached presentation).

DISCUSSION SESSION

Question / Comment	Response
<i>TB:</i> Will all the farming infrastructure (i.e. windmills and animal feeding troughs) within Portion 1 and 4 of Carolus Poort identified on the features map be removed if the project is constructed?	<i>JdV:</i> Yes, all the farming infrastructure will be removed. It should be noted that the artificial wetland identified on the boundary of Portion 1 and 4 will be removed once the windmill is removed.
<i>TB:</i> Are there any pipelines situated on the farm except for between the windmill and dam?	<i>JdV:</i> Only a small plastic pipe for the windmill.
<i>JdV:</i> We consider the Korhaans to be pests as they damage our crops.	Comment noted.
<i>JdV:</i> What impact do the birds have on the project? The Blue Cranes will be spotted around water. If the water is removed, then the Blue Cranes won't be in the area. They are usually also found in the cultivated lands where they cause a lot of damage.	<i>TB:</i> During the rainy season, more birds will be attracted to the valley-bottom wetlands which cannot be removed.
<i>JdV:</i> Who is the ecologist?	<i>TB:</i> Gerhard Botha is the ecologist.
<i>CH:</i> What do you currently use your farm (Portion 1 and 4 of Carolus Poort 167) for? What is your plan with the livestock and game if the development proceeds? Will all your farming activities continue?	<i>JdV:</i> Livestock and game farming. The livestock and game will be removed as theft is a concern. I will definitely use the portion of the farm that won't be utilised for the development. I might buy another piece of land for the livestock and game.
<i>CH:</i> Do you have any exotic game on your farm?	<i>JdV:</i> Copper Blesbuck, copper Springbuck.
<i>CH:</i> Is the Wildfontein road a very busy road?	<i>JdV:</i> The road is quite busy, it is the only road to be used for maintenance and upgrading of the railway line. This road is also used for the upgrading of the water works for Noupoort.
<i>CH:</i> During the construction phase, 10-15 trucks will be coming in and out per day. There will be a lot of noise and dust. There will also be 1 000 construction workers. In terms of your other farms, will it impact your livestock and game?	<i>JdV:</i> No, it won't make a big difference Everything will have an impact but they can wet the road.
<i>CH:</i> How is crime in the area? When the developers bring in new people to the area, the theft does increase, but the developer will try to use as much local people as possible.	<i>JdV:</i> Livestock theft is a problem now, but I don't think there will be a major increase as there will be other people around during the day and at night. I don't have any livestock problems

Question / Comment	Response
	currently on Portion 1 and 4 of Carolus Poort due to the Black Wildebeest but they will definitely be removed.
<i>CH:</i> Do you lease out any of your land and are there any cultivated lands on your farm?	<i>JdV:</i> No, I don't lease out any of my land. I do have cultivated land but it is located on another farm and not on Portion 1 or 4 of Carolus Poort.

WAY FORWARD AND CLOSURE

Candice Hunter stated that I&APs could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the draft Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.



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POWER (CSP) PROJECT, NORTHERN
CAPE PROVINCE**

SCOPING PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

HENK DU TOIT

**RE/207 AND FARM CAROLUS POORT
12/167**

Savannah Environmental (Pty) Ltd

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**HELD ON
FRIDAY 8 APRIL 2016**

VENUE

REMAINING EXTENT OF THE FARM 207, NOUPOORT

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

NOUPOORT CONCENTRATED SOLAR POWER (CSP) PROJECT, NORTHERN CAPE PROVINCE

Venue: Remaining Extent of the Farm 207, Noupoort
Date: Friday 8 April 2016
Time: 13:00

WELCOME AND INTRODUCTION

Candice Hunter of Savannah Environmental welcomed Mr du Toit and introduced herself as the social consultant for the Environmental Impact Assessment (EIA) process being undertaken for the construction of the proposed Noupoort Concentrated Solar Power (CSP) Project near Noupoort in the Northern Cape Province.

She noted that the project is being proposed by CRESCO Energy (Pty) Ltd and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant to undertake the EIA process for the project. Ms Hunter stated that the purpose of the proposed CSP facility will be to export the generated power into the Eskom electricity grid. She explained that the project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

Ms Hunter thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the project in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Henk du Toit (HdT)	Impacted landowner – RE/207 and Farm Carolus Poort 12/167
Thalita Botha (TB)	Savannah Environmental - Environmental Consultant
Candice Hunter (CH)	Savannah Environmental - Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

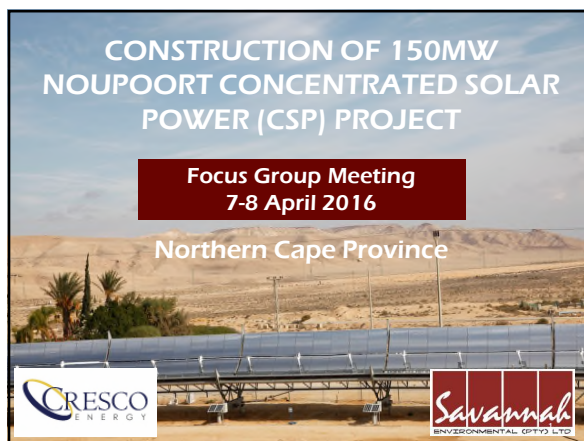
Thalita Botha presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project (please refer to the attached presentation).

DISCUSSION SESSION

Question / Comment	Response
<i>TB:</i> The avifauna specialist identified artificial wetlands on your farm. Are there any windmills or other farming infrastructure located there that might cause an overflow of water?	<i>HdT:</i> There are feeding and water troughs located in these areas.
<i>TB:</i> Can the feeding and water troughs be removed if the developer plans to use the area for the development?	<i>HdT:</i> The feeding and water troughs as well as the fencing will be moved, although this will depend on the layout of the facility. If the facility is located further away, then the feeding and water troughs will remain where they are. According to the developer, no construction will occur north of the Linde/Carolus 132kV power line.
<i>TB:</i> Are there any other farming infrastructure beside the two windmills and the feeding and water troughs on your farm.	<i>HdT:</i> No, these are the only infrastructure.
<i>CH:</i> What activities do you use your farm for?	<i>HdT:</i> Livestock and game farming. There are springboks in the area where CRESCO Energy is planning to develop. If they can use that area, then the springboks will be moved to another camp.
<i>CH:</i> Do you lease out any part of the farm?	<i>HdT:</i> No.
<i>CH:</i> Does any of your farm workers live on the farm?	<i>HdT:</i> No.
<i>TB:</i> Do you have any cultivated land and irrigation on your farm?	<i>HdT:</i> Only east of the railway.

WAY FORWARD AND CLOSURE

Candice Hunter stated that I&APs could submit their written comments on the EIA process and proposed project to Savannah Environmental. She noted that the comments received would be included in the draft Scoping Report that would be made available for a 30-day review period and submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.

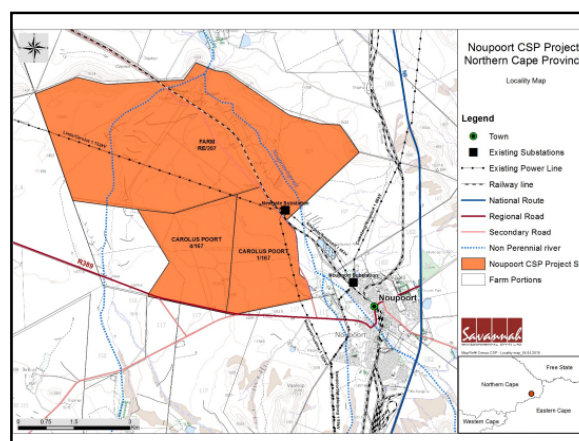


PURPOSE OF THE MEETING

- Provide an overview of the proposed Noupoort CSP Project and the specialist studies currently being undertaken
- Discuss any potential issues or concerns
- Record comments

INTRODUCTION

- Applicant – CRESCO Energy (Pty) Ltd
- Project Proposal – development of a 150MW Concentrated Solar Power (CSP) Facility
- To bid the project in Department of Energy (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme
- Location – the Remaining Extent of the Farm 207, Portion 1 and Portion 4 of the farm Carolus Poort 167



PROJECT INFORMATION: GRID CONNECTION

- Two grid connection options:
 - Direct connection to the existing Newgate 132kV substation; or
 - Connect to the existing Newgate 132kV substation and the existing Noupoot 66kV Substation

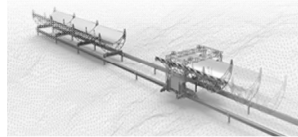


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PROJECT INFORMATION:

- Concentrated Solar Power (CSP) utilising parabolic trough technology

- Parabolic trough technology uses trough-shaped mirrors to reflect and concentrate the sun's direct normal irradiance onto an absorber tube (containing heat transfer fluid) to generate heat, which in turn is used to generate electricity.



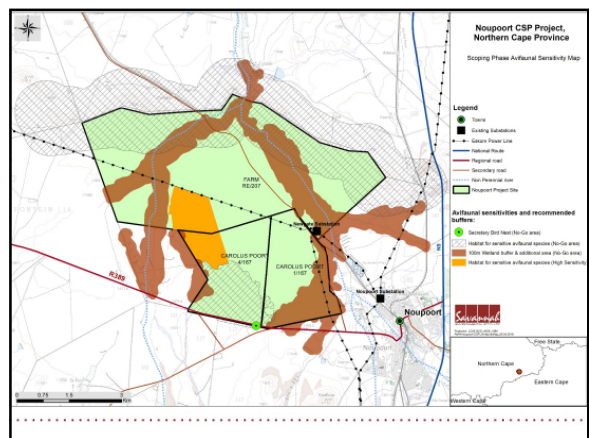
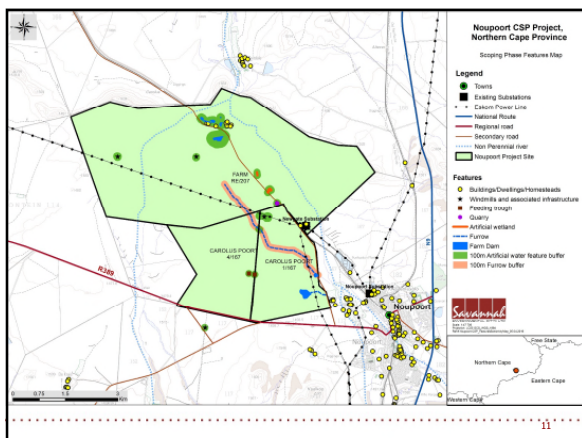
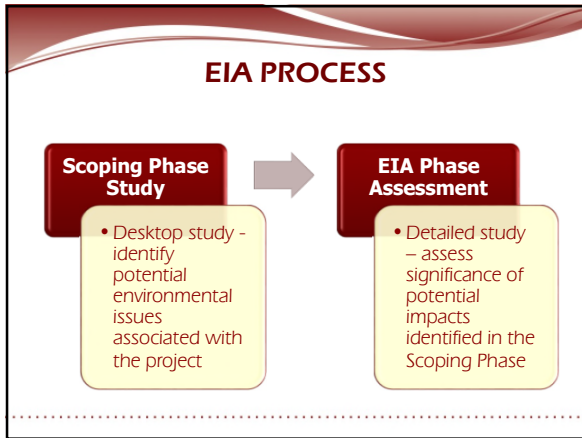
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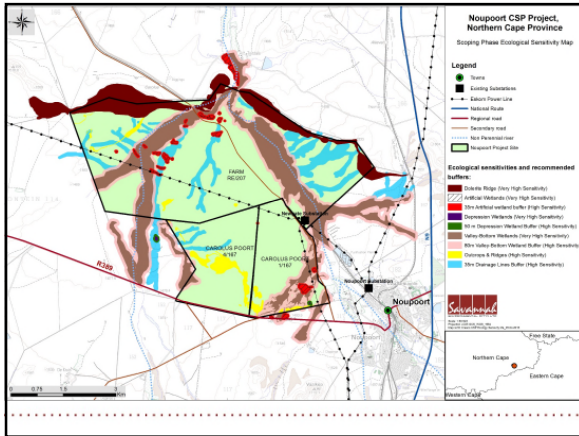
Associated infrastructure:

- Energy Centre;
- Power Block;
- Water supply pipeline;
- Water storage tanks;
- Packaged water treatment plant;
- Lined evaporation ponds;
- Access roads;
- Substation;
- Power line; and
- Office buildings

EIA PROCESS

- National Environmental Management Act (No 107 of 1998)
- Competent Authority - National Department of Environmental Affairs
- One application will include the CSP facility, grid connection infrastructure and all other associated infrastructure





WAY FORWARD

- Scoping Report made available for review: April - May 2016
- I&APs will be notified of the date from when the scoping report will be made available for review
- Reports will be available at:
 - Noupoort Public Library
 - Hanover Public Library
 - www.savannahsa.com
- Minute any issues / concerns from I&APs from the meetings
- Incorporate issues and concerns raised during the Public Participation Process into the Final Scoping Report
- Submit Final Scoping Report to DEA

WHO TO CONTACT

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