

IMPACT PHASE

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

HYPERION SOLAR DEVELOPMENTS AND ASSOCIATED INFRASTRUCTURE NEAR KATHU, NORTH WEST PROVINCE

DEA Ref. Nos:

- 14-12-16-3-3-2-1109 – Hyperion Solar Development 1
- 14-12-16-3-3-2-1110 – Hyperion Solar Development 2
- 14-12-16-3-3-2-1111 – Hyperion Solar Development 3
- 14-12-16-3-3-2-1112 – Hyperion Solar Development 4

**NOTES OF FOCUS GROUP MEETING: Landowners
HELD ON MONDAY, 08 APRIL 2019
VENUE: Dutch Reformed Church, Kathu**

Notes for the Record prepared by:

Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

HYPERION SOLAR DEVELOPMENTS 1, 2, 3 and 4 AND ASSOCIATED INFRASTRUCTURE

Venue: Dutch Reformed Church, Kathu
Date: Monday, 08 April 2019
Time: 18h00

WELCOME AND INTRODUCTION

Ms Nicolene Venter, Public Participation Practitioner, Savannah Environmental, thanked the attendees for making time available for attending the Focus Group Meeting (FGM). After introducing herself and her role, Mrs Thalita Koster introduced herself and informed the attendees that as the Environmental Assessment Practitioner (EAP) she is responsible for the Environmental Impact Assessment (EIA) process.

Nicolene Venter requested the attendees to introduce themselves to the project team present. She also requested whether there are any apologies that needs to be recorded. The apologies and representation is tabled below.

The Agenda was presented to the attendees and accepted, and no objection was received to record the meeting.

MEETING ATTENDEES

Name	Organisation	Position
Mr. Richard Knoessen	Farm Lyndoch	Owner
Mr. Tom Knoessen	Farm Lyndoch	Owner
Mrs. Ina Coetzer	Farm Halliford	Owner
Mr. Johan Maritz	Farm Chertsey	Owner
Mrs. Thalita Koster	Savannah Environmental	Environmental Assessment Practitioner
Ms Nicolene Venter		Public Participation & Social Consultant

APOLOGIES

Mr. Nico Steyn, Farm Cawley – Represented by Mr. Richard Knoessen
Mr. Johan Vorster, Farm Cowley - Represented by Mr. Richard Knoessen
Mr. Hendrik Venter, Farm Halliford
Mrs. Cecilia Venter, Farm Galway

PURPOSE OF THE MEETING

The purpose of the meeting was to:

- » Present the key findings of the EIA Reports prepared for the projects.
- » Provide a description of the EIA & Public Participation processes being undertaken.
- » Obtain comments for inclusion in the Final EIA Reports to be submitted to DEA.

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

The development of four (4) separate photovoltaic (PV) solar energy facilities (SEFs) as well as associated infrastructure are being proposed on the Remaining Extent of the Farm Lyndoch 432 situated ~16km north of, and these facilities will be called:

- » Hyperion Solar Development 1
- » Hyperion Solar Development 2
- » Hyperion Solar Development 3
- » Hyperion Solar Development 4

Each of the four (4) SEFs will be constructed as separate stand-alone projects, with a separate project development company (or Special Purpose Vehicle (SPV)) as the applicant for each project. The project details are:

Applicant:	Project Name:	Contracted Capacity:
Hyperion Solar Development 1 (Pty) Ltd	Hyperion Solar Development 1	75MW
Cyragaurd (Pty) Ltd	Hyperion Solar Development 2	75MW
Nomispark (Pty) Ltd	Hyperion Solar Development 3	75MW
Nomispan (Pty) Ltd	Hyperion Solar Development 4	75MW

It is the developer's intention to bid each solar PV facility under the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and will feed into the national electricity grid. The development of the facilities will also assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP).

Copy of the presentation is attached as Appendix A

DISCUSSION SESSION

Question / Comment	Response
<p>Richard Knoessen informed the project team that Alternative 4 (access road) is the most preferred by the landowners, including those he represents.</p> <p>Alternative 1 is the least preferred due to safety and security risk associated with this access road.</p> <p>Alternative 3 has been identified as the most acceptable alternative for Mr Nico Steyn and Mr Johan Vorster.</p>	<p>Thalita Koster responded that the results of the various specialist studies undertaken had identified Alternative 1 as the most preferred as it is an existing road, and Alternative 4 was the second preferred alternative.</p> <p>The team will discuss the comments and preferences recommended by the attendees with the specialists and the applicant.</p> <p>Post meeting note: <i>The landowner recommended at the end of the meeting that the developer should negotiate two minor deviations (loops) around their houses, should</i></p>

	<i>Alternative 1 be the recommended access road.</i>
Richard Knoessen, as representative of two of the landowners, informed the project team that the concern was raised regarding dust during the construction period. Dust would have a negative impact on the houses of the two landowners situated close to the road as well as the warehouses on the properties.	Dust has been identified as an impact and dust suppression will take place during the construction period and is included in the Environmental Management Programme (EMPr). Post-meeting note: <i>Nuisance impacts such as noise impacts was assessed by the social specialist and it was determined that the impact of the facility will have a low significance. The dust impact associated with each access road alternative was also assessed. The impact will be of low significance with the implementation of mitigation measures.</i>
Richard Knoessen enquired as to what standard will the development property be fenced.	Tom Knoessen replied that the information he received is that the fence would be at least 3m high and it will be a security fence.
Tom Knoessen informed the project team that road T25, which is a public road, should be considered, which is indicated as Alternative 3 on the map. This road is currently being used by Kathu Solar. Richard Knoessen confirmed that Alternative 3 is a proclaimed road.	Thalita Koster informed the attendees that Alternative 3 is the least preferred and a deviation has already been introduced to avoid the Kathu Forest. The impact on the Kathu Forest was objected to by the DAFF.
Tom Knoessen enquired that should Alternative 4 be approved, would the owners be compensated by purchasing the portion of land required for the road or would there be a lease agreement.	Thalita Koster responded that at this stage of the project it is not sure whether the land will be purchased or leased in terms of a road reserve.
Tom Knoessen requested that the developer consider providing a 24-hour security service should Alternative 1 be recommended to the Department of Environmental Affairs.	Nicolene Venter acknowledged this request and informed the attendees that it would be put forward to the Applicant for discussion and consideration.
Richard Knoessen inform the project team that all raw construction material such as gravel and sand is available on the farm Lyndoch.	Nicolene Venter acknowledged the information and said that it will be forwarded to the Applicant.
Tom Knoessen reiterated that Alternative 3 would be the most preferred option from the landowners' side as these properties are not occupied.	Thalita Koster acknowledged the information and the preference as mentioned.
Ina Coetzer pointed out that although Alternative 4 seems to be the most preferred,	Nicolene Venter acknowledged the information that the intersection has a dangerous curve.

<p>it needs to be noted that at the point where Alternative 4 will exit the R380 is a very dangerous curve.</p> <p>Accidents occur on a daily basis at the curve and there is a high volume of traffic by trucks using the road.</p>	<p>Post meeting note: This concern has been provided to the applicant for consideration should Access Road Alternative 4 be authorized.</p>
<p>Tom Knoessen reiterate that access from the N14 would be a problem in terms of:</p> <ul style="list-style-type: none"> • safety and security for the residents; and • dust <p>He recommended that the developer negotiate two minor deviations (loops) around their houses, should Alternative 1 be the recommended access road.</p>	<p>Thalita Koster noted the concern regarding safety and security, especially during the construction phase.</p> <p>The suggestion for the two deviations to avoid the houses / infrastructures on the two properties along Alternative 1 is acknowledged.</p>
<p>Johan Maritz enquired as to what would the traffic volume be during construction especially taking into consideration the increase in traffic during the construction of the Kathu Solar Plant.</p>	<p>Post meeting note: It is expected that there will be approximately 3 – 6 trips of heavy vehicles per day during the construction phase.</p>



WAY FORWARD AND CLOSURE


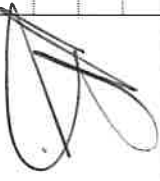


Nicolene Venter thanked the attendees for their valuable inputs at the meeting and their participation in the EIA.

The meeting closed at 19h00.

ATTENDANCE REGISTER

Project	Hyperion Solar Development 1 and 2		Meeting	Focus Group with Landowners	
Date	Monday, 08 April 2019	Time	18h00	Venue	Dutch Reformed Church, Kathu

Organization	Name & Postal Address	Contact Details	Signature
Savannah Environmental	Thalita Koster PO Box 148 SUNNINGHILL 0547	Tel: (011) 656 3237	
		Fax: (086) 685 0547	
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Savannah Environmental	Nicolene Yenter PO Box 148 SUNNINGHILL 0547	Tel: (011) 656 3237	
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Public Participation & Social Consultant		Email: nicolene@savannahsa.com	
Organization	Name & Postal Address	Contact Details	Signature
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		Fax:	
		Cell:	
Designation		Email:	

Organisation	Name & Postal Address	Contact Details	Signature
Designation	Tom Knoering Farm Lyndoch Kathu. Dunder.	Tel : Fax : Cell : 0758792565 E-mail : tom.knoering@icloud.com	
Designation	Richard Knoess. FARM Lynloch KATHU. Dunder.	Tel : Fax : Cell : 0833041079 E-mail :	
Designation	Ina Coetzee / John Maritz. Farm Houtford Grand Trust. Kathu.	Tel : 0768346797 Fax : 0721523706 Cell : E-mail : jancoetzee@egate.co.za	
Designation	Ina Coetzee Kathu. Farm Galway	Tel : Fax : Cell : E-mail :	
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Designation		Tel : Fax : Cell : E-mail :	

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

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- 14-12-16-3-3-2-1112 – Hyperion Solar Development 4

NOTES OF FOCUS GROUP MEETING: Gamagara Local Municipality Officials

HELD ON TUESDAY, 09 APRIL 2019

VENUE: Council Chambers, Gamagara Local Municipality, Cnr
Hendrick van Eck and Frikkie Meyer Road, Kathu

Notes for the Record prepared by:

Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

Note: The comments captured in these meeting notes are not verbatim

HYPERION SOLAR DEVELOPMENTS 1, 2, 3 and 4 AND ASSOCIATED INFRASTRUCTURE

Venue: Council Chambers, Gamagara Local Municipality, Kathu

Date: Tuesday, 09 April 2019

Time: 09h00

WELCOME AND INTRODUCTION

Ms Nicolene Venter, Public Participation Practitioner, Savannah Environmental, thanked the attendees for making time available for attending the Focus Group Meeting (FGM). After introducing herself and her role, Mrs Thalita Koster introduced herself and informed the attendees that as the Environmental Assessment Practitioner (EAP) she is responsible for the Environmental Impact Assessment (EIA) process.

Nicolene Venter requested the attendees to introduce themselves to the project team and their respective Departments within the Local Municipality. She also requested whether there are any apologies that needs to be recorded. The apologies and representation is tabled below.

The Agenda was presented to the attendees and accepted, and no objection was received to record the meeting.

MEETING ATTENDEES

Name	Organisation	Position
Mr. A Mostert	Gamagara Local Municipality	Manager: Environment & Solid Waste
Mr. Pierre Burger		Snr Environmental & Health
Ms. Dineo Sebyenk		Environmental Coordinator
Cllr. CV Joseph		Councillor: Ward 6
Cllr. Henriette du Plessis		Councillor
Mr. Gregory Kannemeyer		
Mr. Henry Horner		Manager: IDP & ADD&P
Mr. Tebogo Thupaemang		Sanitation & Technician
Ms. Nkhanedzeni Ntsieleni		Manager: Town Planning
Mr. James C.T. Chishango		
Mr. K Ositang		Acting Director
Mrs. Thalita Koster		Savannah Environmental
Ms Nicolene Venter	Public Participation & Social Consultant	

APOLOGIES

Honourable Councillor Edwin Hanti-se, Mayor of Gamagara Local Municipality
Municipal Speaker Councillor Dineo Seetile

PURPOSE OF THE MEETING

The purpose of the meeting was to:

- » Present the key findings of the EIA Reports prepared for the projects.
- » Provide a description of the EIA & Public Participation processes being undertaken.
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Copy of the presentation is attached as Appendix A

DISCUSSION SESSION

Question / Comment	Response
The attendees requested that the presentation be e-mailed to them.	The presentation was e-mailed on the 9 th of April 2019 and proof of e-mail is included in Appendix C4 of the final EIAR.
Cllr Charlotte Joseph asked for clarification purpose, where is the four (4) proposed development sites located.	Nicolene Venter, by referencing the map displayed on the desk, replied that the sites are located approximately 16km east of Kathu along the N14 toward Kuruman.

	<p>Thalita Koster added for clarification that it is in close proximity to where the existing Kathu Solar Plant is.</p>
<p>Mr. André Mostert informed the project team that Alternative 1 is supported as it along the N14 and access from the N14 to the site and onto the N14 would not be a problem.</p> <p>Alternative 4 is a concern as the road (R380) is being used by heavy duty vehicles and accidents are reported on a regular basis. These accidents occur at the bend in the road and according to the map, that would be the turning-off point to the proposed development site.</p> <p>It is recommended that should Alternative 4 be selected as the preferred alternative, that an access control point be introduced and that streetlights be erected at the intersection.</p>	<p>The comment has been acknowledged.</p> <p>Nicolene Venter acknowledged the concern regarding Alternative 4 and pointed out that the landowners also raised this concern.</p> <p>Post meeting note: <i>There will be a access control point at the access road, regardless of which alternative is authorised by the DEA.</i></p>
<p>Mr. André Mostert enquired whether any camel thorn trees will need to be relocated and if you so, to where will it be relocated.</p>	<p>Thalita Koster replied that a site visit was conducted with Officials from the Department of Agriculture, Forestry and Fisheries (DAFF) and the Department of Environment and Nature Conservation and they agreed to the removal of the trees on the development site for PV1 and PV2. However, for PV3 and PV4, an offset is required.</p> <p>The DAFF confirmed the above in a formal letter to the project team.</p> <p>Post meeting note: <i>Relocation of camel thorn trees has a low success rate. The applicant will apply for the necessary permits for the removal of the camel thorn trees.</i></p>
<p>Mr. André Mostert informed the project team that should the applicant be successful in the bidding process, the applicant must keep in mind that any buildings that would be constructed on site must comply with energy regulations such as SANS 10400X. The buildings must therefore be energy efficient and also</p>	<p>Nicolene Venter acknowledged the inputs provided and the various requests for documents and replied that these will be forwarded to the applicant.</p> <p>It is believed that comments such as these are being raised through experience gained from</p>

<p>taking into account the wellness of staff when offices are constructed.</p>	<p>other PV plants that were developed in the area.</p>
<p>Mr. André Mostert informed the project team that the Municipality received a document from the applicant requesting information regarding waste management. He is concerned about waste management as the Municipality is moving towards a zero-waste landfill.</p> <p>The volume of waste that will need to be discarded is too high for the Municipal's landfill site and requested that a copy of the preliminary minimization plan be sent to the Waste Management Department. The applicant can contact his Office for contact details of companies in the area that are registered that deals with recycling of waste materials. Only organic waste would be allowed on the construction sites and all other waste needs to be recycled.</p> <p>It was also requested that a copy of the plan dealing with hazardous waste be submitted to the Municipality, and it was reiterated that only a registered service provider would be allowed to deal with any hazardous waste from the proposed development sites. He informed the project team that the Municipality is experiencing problems with developers making use of small contractors who are not certified to deal with hazardous waste.</p> <p>In terms of recycling materials, the developer is requested to ensure that wooden pallets being used for the transportation of panels, that these wooden pallets are not treated with a hazardous material as it needs to be recycled to the local communities who make use of these wooden crates for various uses.</p> <p>A copy of the applicant's safety file was also requested, and waste management should be one of the items covered in the safety file.</p>	<p>The comment has been acknowledged and will be forwarded onto the applicant for their consideration.</p> <p>Post meeting note: An emergency preparedness, response and fire management plan has been included in the EMPr (Appendix K of the final EIA Report). The Construction contractors will provide specific detailed waste management plans to deal with all waste streams on-site.</p>

<p>The file also needs to include the decommissioning process of the panels, which is understood to be eight to nine years maximum for a plant operating for 25 years.</p> <p>A fire plan was also requested.</p>	
<p>Mr. Pierre Burger enquired whether an effluent septic tank will be used on site during construction and operation phase, and if so, who will be servicing the facility.</p>	<p>Thalita Koster replied that a conservancy tank will be used, and it is envisaged that that a local contractor will be contracted to service the tanks.</p>
<p>Mr. Henry Hornet informed the project team that with experience gained from other PV developments in the area, fire trucks have a problem accessing the sites as the access roads are not wide enough as well as the entrances to the sites.</p> <p>He advised that the developer be in contact with the mines who have established fire fighting vehicles and they are strategically more equipped for fire control</p>	<p>Nicolene Venter thanked Mr. Hornet for the information and responded that the information will be shared with the applicant.</p>
<p>Ms. Nkhanedzeni Ntseleli enquired as to what is the purpose of the presentation and whether the project team is requesting approval from the Municipality.</p>	<p>Mr. André Mostert responded to the Official by informing her of the EIA process and that the purpose of the meeting is not to obtain approval from the Municipality but to source any comments that they may have regarding the application and the various environmental studies undertaken.</p> <p>Nicolene Venter confirm Mr. Mostert's information and added that the consultation process is upfront, and meetings are being held in the early stage of the reports' review and comment period. She informed the attendees that it is important to receive inputs from the Municipality as an Organ of State and that it is a standard requirement from the DEA to see whether consultation took place with the Local Municipality's Officials from various Department sand not only the Councillors.</p> <p>Thalita Koster added that the attendees must take note that should the DEA grant an Environmental Authorisation, there are other permitting processes that the developer needs</p>

	to undertake such as Rezoning, Water Use License Application, etc.
Mr. André Mostert reminded the project team that before the final Reports can be submitted to the DEA, the Waste Department's comments are required and should his Department not receive information regarding the handling of waste by the applicant, his Department's recommendations might influence the DEA's decision. It was mentioned that there are certain exceptions regarding and EIA process.	Nicolene Venter acknowledged the point raised by the Official and a focus group meeting such as this one is what add value to a transparent and consultative process.
Mr. Gregory Kannemeyer enquired that from a stormwater perspective does the design cater for the 1 in 50-year and 1 in 100 year flood line as the sites are close to the Vlersmuisleegte River and the design layout of the panels are close to the river. Mr. Gregory requested that the floodline analysis be shared with the Municipality's Town Planning Department.	Thalita Koster responded that the Stormwater Management Plan is included in the Reports under Appendix K. She furthermore explained that the flood lines analysis will form part of the WULA process and not the EIA process. The WULA process will only be undertaken once the project is selected as a preferred bidder. She informed the attendees that a developer needs the outcome of an EIA and the Environmental Authorisation (EA) before a WULA can be applied for.
Mr. Gregory Kannemeyer enquired whether a geotechnical report is available and informed the project team that this report needs to be submitted to the Municipality's Town Planning Department.	A geotechnical report is not required to be compiled as part of the EIA process. Geotechnical surveys will be undertaken prior to the commencement of construction. It was acknowledged by Nicolene Venter and Thalita Koster hat the Geotechnical Report must be submitted to the Municipality's Town Planning Department.
Mr. Gregory Kannemeyer asked whether there are existing boreholes on the property that will be used during the construction phase or will new boreholes be drilled.	Thalita Koster responded that there are three existing boreholes located on the property sites which are currently being utilised by the owner and these boreholes will be used by the developer.
Mr. Gregory Kannemeyer informed the project team that the sanitation infrastructure needs to be protected throughout the construction phase and that the developer needs to report their sanitation plans to the Municipalities.	Thalita Koster informed the Municipal Officials that the applicant had approached the Municipality regarding the sanitation requirements and has been sending various e-mails requesting confirmation and feedback from the Municipal.
Mr. Gregory Kannemeyer also informed the project team that a full storm water	Thalita Koster responded that this will form part of the Water Use License Application (WULA)

<p>management plan needs to be presented to the Municipality should there be any crossing of rivers on the sites.</p>	<p>that will be undertaken should the applicant be successful in the Department of Energy's bidding process.</p>
<p>Mr. Gregory Kannemeyer enquired that should Alternative 1 or 3 be approved, whether the developer will be upgrading these existing gravel roads.</p>	<p>The existing T26 gravel road will be upgraded should Alternative 1 be authorised by the DEA. Should Alternative 3 be authorised, the T25 gravel road may be upgraded.</p>
<p>Mr. Gregory Kannemeyer enquired whether a letter was received from the Department of Public Works and Roads regarding the various access road alternatives.</p>	<p>Nicolene Venter responded that the Department is one of the various Organs of State that received the Reports and requested to submit their written comments. To date the team had not received any written comments from them.</p>
<p>Mr. André Mostert informed the team that the reason he mentioned the matter regarding fire prevention is that in the fuel industry, the developers include water catchment either by building a dam on their site or in close proximity or any type of reservoir to assist with putting out fires.</p> <p>It was also mentioned that in general the landowners do not have capacity to assist with putting out fires and it is therefore recommended that the developer look at building a dam or reservoir to assist with putting out fires, not only on their property but also neighbouring properties.</p>	<p>Thalita Koster informed the attendees that an Emergency Preparedness and Fire Management Plan is included in the Reports under Appendix K and makes provision for fires.</p>
<p>Mr. K Ositang informed the project team that there are various Small, Medium and Micro-sized Enterprises (SMMEs) that would be interested in developments such as the PV project and requested the team to involve the them and the community in the process.</p>	<p>Nicolene Venter thanked Mr. Ositang for the inputs and confirm that a public meeting is scheduled to take place that evening and the team is looking forward to a good turn-out.</p>
<p>Mr. Gregory Kannemeyer enquired whether an impact assessment looking at the impact on traffic, especially on the N14, has been undertaken and whether SANRAL has been consulted.</p>	<p>Thalita Koster responded that should any upgrade of the N14 be required, and if Alternative 1 is authorised, then the developer will attend to the wayleave requirements as set out by SANRAL.</p> <p>Nicolene Venter confirm that SANRAL is registered as an Organ of State and has been provided with an opportunity to comment on the Reports available for review and comments.</p>

Ms. Nkhanedzeni Ntsieleni stated that there are already three solar plants around Kathu and enquired whether the need and desirability indicate that another solar development is required in the area.	Thalita Koster replied that Chapter 5 in the Reports address the need and desirability.
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WAY FORWARD AND CLOSURE





Nicolene Venter thanked the attendees for their valuable inputs at the meeting and their participation in the EIA.

The meeting closed at 10h25.

ATTENDANCE REGISTER

Project	Hyperion Solar Development 1 and 2			Meeting	Focus Group with LM Officials
Date	Tuesday, 09 April 2019	Time	09h00	Venue	Municipal Chambers at Gamagara Local Municipality, Kathu

Organization	Name & Postal Address	Contact Details	Signature
Savannah Environmental	Thalita Koster PO Box 148 SUNNINGHILL 0547	Tel: (011) 656 3237	
		Fax: (086) 685 0547	
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Savannah Environmental	Nicolene Venter PO Box 148 SUNNINGHILL 0547	Tel: (011) 656 3237	
		Fax: (086) 685 0547	
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GAMAGARA LM	P.O. BOX 1001 KATHU	Tel: 053 723 6003 Fax: 086 522 057 723 2021 Cell: 064 757 6853 E-mail: ositangla@gamagara.co.zw	
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ACTING DIRECTOR			
Designation		Tel: Fax: Cell: E-mail:	
Designation		Tel: Fax: Cell: E-mail:	
Designation		Tel: Fax: Cell: E-mail:	

HYPERION SOLAR PV FACILITIES NEAR KATHU, NORTHERN CAPE PROVINCE

Focus Group & Public Meetings

08 – 09 April 2019

savannah
environmental

1

MEETING AGENDA

1. Welcome & Introduction
2. Purpose of the Meeting
3. Project Overview
4. Overview of EIA Processes
5. Outcomes of the EIA Phase
5. Discussion session
6. Way forward

savannah
environmental

2

WELCOME & INTRODUCTION

- » Savannah Environmental (PTY) Ltd
- » Appointed as the independent **Environmental Assessment Practitioner (EAP)**
- » Responsible for:
 - * **Environmental Impact Assessment (EIA)**
 - * **Public Participation (PP) process**

PURPOSE OF THE MEETING

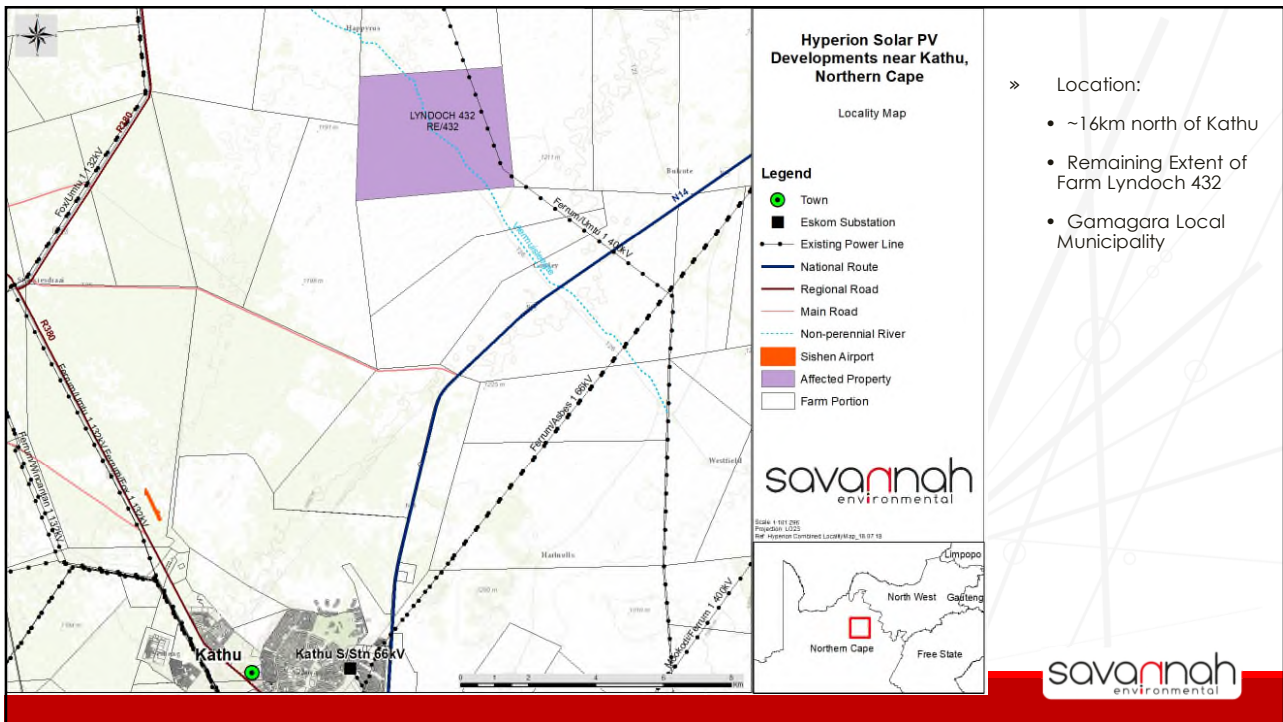
- » Present the key findings of the **EIA Reports** prepared for the projects
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- » Obtain comments for inclusion in the **Final EIA Reports** to be submitted to DEA

HYPERION PV 1, 2, 3 AND 4

- » Hyperion Solar Development 1 (Pty) Ltd
- » Cyraguard (Pty) Ltd
- » Nomispark (Pty) Ltd
- » Nomispan (Pty) Ltd
- » Subsidiaries of Building Energy South Africa (Pty) Ltd

HYPERION PV 1, 2, 3 AND 4

- » To bid the project in Department of Energy (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme.
- » Project will evacuate the generated power into the national grid.



- » Location:
- ~16km north of Kathu
 - Remaining Extent of Farm Lyndoch 432
 - Gamagara Local Municipality

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HYPERION PV 1, 2, 3 AND 4

Each project will have a contracted capacity of up to **75MW**, and will make use of **PV solar technology**. Each project will comprise the following:

- » Arrays of **PV solar panels** (6m height).
- » **Mounting structures**.
- » **On-site inverters** to convert power from Direct Current (DC) to Alternating Current (AC), and a
- » 132kV **On-site substation**
- » Water purification plant

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HYPERION PV 1, 2, 3 AND 4

- » **Cabling** (underground where practical).
- » **Auxiliary buildings** (offices and workshop areas for maintenance and storage).
- » **Energy storage.**
- » **Temporary laydown areas** required during construction.
- » **Internal access roads** and perimeter security fencing around the development area.
- » Main access road (four alternatives have been assessed)

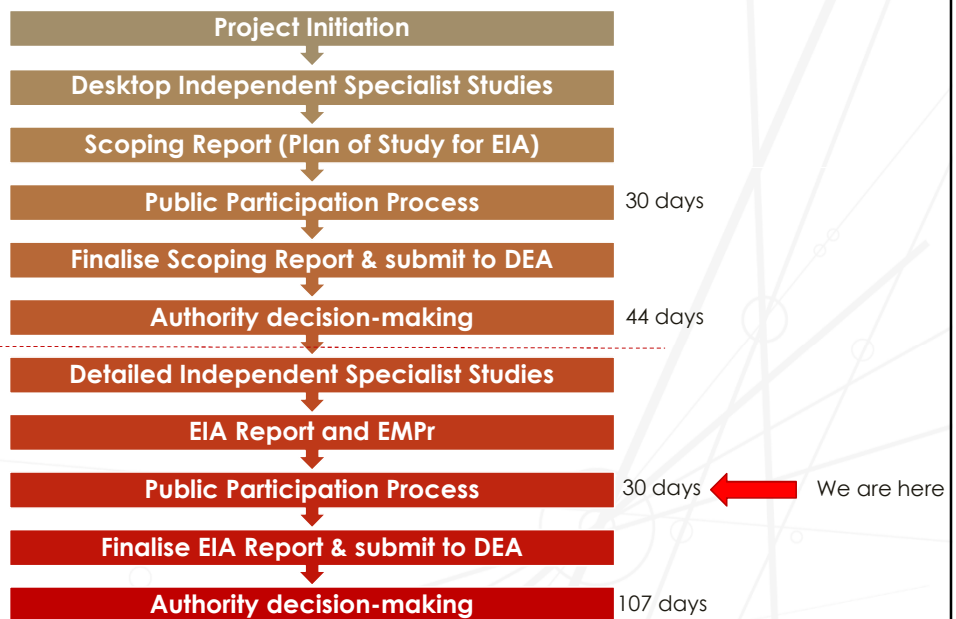
ACCESS ROAD ALTERNATIVES

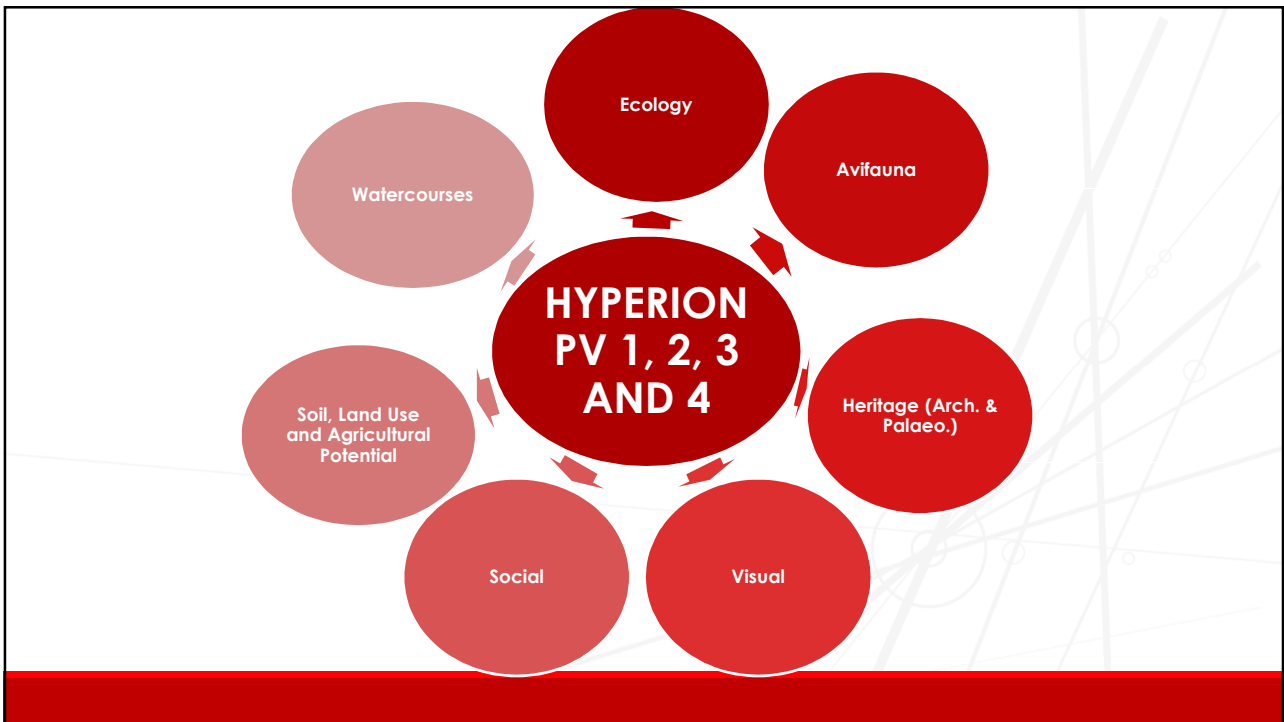
ALTERNATIVE	DESCRIPTION
Alternative 1:	Upgrade of ~3.6km of the existing T26 gravel road situated between the project site and the N14 national road.
Alternative 2:	Establishment of a new access road approximately 3.6km in length and 9m in width. The new access road is proposed to be located adjacent to the existing T26 gravel road.
Alternative 3:	Establishment of a new access road ~5.1km in length and 9m in width and the upgrade of ~10.3km of the existing T25 gravel road.
Alternative 4:	Establishment of a new access road ~6.2km in length and 9m in width situated between the western boundary of the project site and the R380 regional road.

EIA PROCESS

- » The proposed project requires:
 - * **Environmental Authorisation (EA)** in terms of NEMA & the EIA Regulations (2014), as amended
- » An **EIA Report** (one per project) has been prepared for a 30-day public review period
 - * **PV1 and PV2: 05 April 2019 – 10 May 2019**
 - * **PV3 and PV4: 12 April 2019 – 17 May 2019**
- » Following the conclusion of the 30-day public review period a **Final EIA Report** (one per project) will be prepared & submitted to DEA

EIA PROCESS





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OUTCOMES OF THE EIA

- » A number of ground-truthed **impacts** & **benefits** from a **Social** & **Biophysical** perspective.
- » **No fatal flaws** have been identified.
- » All impacts associated with the layouts can be mitigated to acceptable levels.
- » Environmentally acceptable.

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IMPACTS

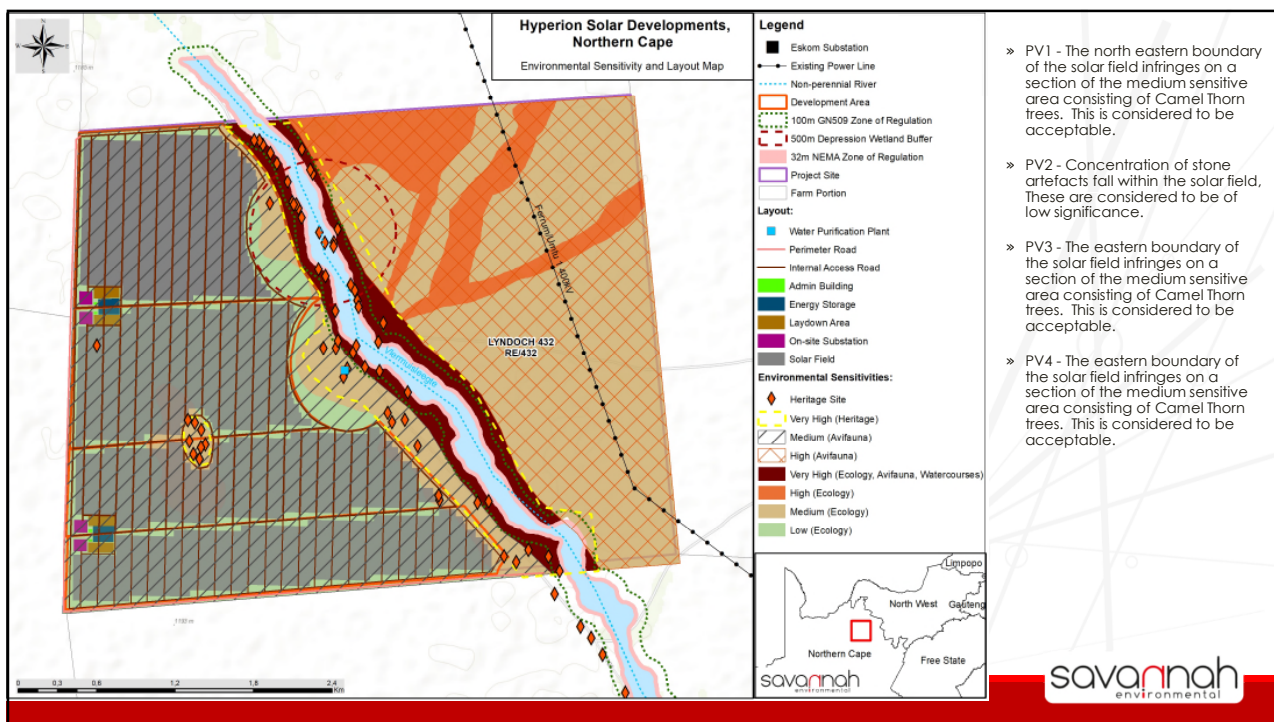
Specialist Study	Impacts
Ecology (Fauna and Flora)	Construction - significance of medium to low following mitigation; no impacts of high significance. Operation - significance of low following mitigation, no impact of high significance.
Avifauna	Construction - significance of medium following mitigation. Operation - significance of low following mitigation.
Watercourses	Construction - significance of medium to low following mitigation. Operation - significance of medium to low following mitigation.
Heritage	Construction - significance of low following mitigation measures

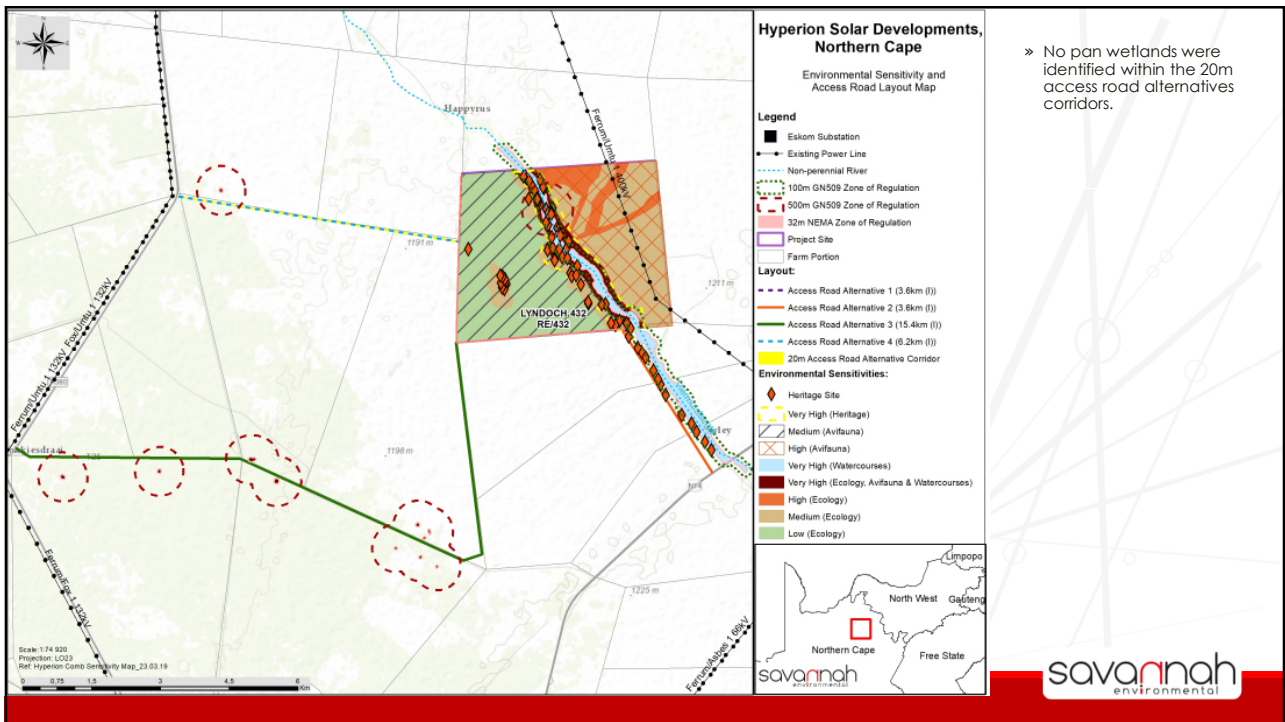
IMPACTS

Specialist Study	Impacts
Visual	Construction - significance of low following mitigation. Operation - significance of low following mitigation.
Social	Construction - medium positive impacts and low to medium negative impacts following mitigation/ enhancement. Operation - medium to high positive impacts and high negative impacts following mitigation/ enhancement.
Soil, Land Use and Agricultural Potential	Construction - significance of low following mitigation. Operation - significance of low following mitigation.
Traffic	Construction - significance of low following mitigation. Operation - significance of low following mitigation.

SENSITIVITY ANALYSIS

- » A number of **potentially sensitive areas** have been identified within the project sites
- » These are reflected within **Environmental Sensitivity Maps** for the projects
- » The layouts consider the environmental sensitivities





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DISCUSSION SESSION

» Question & comments are welcome

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PLEASE DIRECT COMMENTS TO:

Nicolene Venter
Savannah Environmental

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f: +27 (0)86 684 0547

e: publicprocess@savannahsa.com

w: www.savannahsa.com

a: First Floor, Block 2, 5 Woodlands Drive Office Park
Cnr Woodlands Drive & Western Service Road
Woodmead, 2191

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HYPERION SOLAR DEVELOPMENTS 1, 2, 3 AND 4, INCLUDING ASSOCIATED INFRASTRUCTURE APPLICATION FOR ENVIRONMENTAL AUTHORISATION

**NOTES OF AUTHORITY MEETING
HELD ON 26 FEBRUARY 2019
VENUE: REMAINDER OF FARM LYNDOKH 432**

Notes for the Record prepared by:

Savannah Environmental (Pty) Ltd
E-mail: joanne@savannahsa.com

Please address any comments to Savannah Environmental at the above address

PROJECT NAME: HYPERION SOLAR DEVELOPMENTS 1, 2, 3 AND 4 AND ASSOCIATED INFRASTRUCTURE ENVIRONMENTAL AUTHORISATION APPLICATION

Venue: Remainder of Farm Lyndoch 438, near Kathu, Northern Cape Province

Date: 26 February 2019

Time: 11:00am

WELCOME AND INTRODUCTION

Shaun Taylor opened the meeting, welcoming everyone. Introductions were provided by each attendee including their name, designation and representative entity. Details are provided below.

MEETING ATTENDEES

Name	Organisation	Position	Email	Contact Number
Shaun Taylor (ST)	Savannah Environmental (Pty) Ltd	Environmental Assessment Practitioner (EAP)	shaun@savannahsa.com	+27 11 656 3237
Magdalena Michalowska (MM)	Building Energy South Africa (Pty) Ltd	Environmental Manager	m.michalowska@buildingenergy.it	072 212 1531
Janine Brasington (JB)	Building Energy South Africa (Pty) Ltd	Project Developer	j.brasington@buildingenergy.it	083 556 2752
Johan Hattingh (JH)	Building Energy South Africa (Pty) Ltd	Operations Manager	johan@amandla.com	083 378 7985
Tom Knoesen (TK)	Landowner of Remainder of Lyndoch 438	Landowner of Remainder of Lyndoch 438	tomknoesen@icلود.com	078 879 2565
Simon Todd (ST2)	3Foxes	Ecologist	Simon.Todd@3foxes.co.za	082 332 6502
Jacoline Mans (JM)	Department of Agriculture, Forestry and Fisheries	National Forest Act Regulation	JacolineMa@daff.gov.za	060 973 1660
Samantha De La Fontaine (SF)	Northern Cape Provincial Government Department of Environment and Nature Conservation	District Ecologist	sdelafontaine@gmail.com	054 338 4800

APOLOGIES

Thalita Koster.

PURPOSE OF THE MEETING

ST explained that the purpose of the site meeting was to provide the Northern Cape Provincial Government Department of Environment and Nature Conservation (NCPG DENC) and the Department of Agriculture, Forestry and Fisheries (DAFF) with an opportunity to view the proposed development sites and access roads in light of recent comments submitted by DAFF (dated 26 November 2018) on the draft scoping reports for the Hyperion Solar Developments 1, 2, 3 and 4 including associated infrastructure (dated October 2018). ST elaborated that the main concern was with regards to the proposed high-density loss of protected tree species (*Vachellia haemotoxylon* and *V. erioloba*).

DISCUSSION ITEMS

1. Pre-site Visit Meeting

JM wished to clarify the four proposed project areas. ST responded that four projects were being proposed including Hyperion Solar Development (HSD) 1, 2, 3 and 4, which included associated infrastructure such as access roads, substations, operation and maintenance areas and lay-down areas. MM stated that the power line component will be considered in the future, and therefore did not form part of the current environmental assessment applications. MM stated that final layout designs were underway and revealed a preliminary layout design for the authorities (NCPG DENC & DAFF) to view.

JM enquired whether the development would be phased? MM responded that each project would be phased and may or may not take place simultaneously, depending on their bid success.

JM enquired what the approximate number of protected trees would be lost to each of the proposed developments. ST2 stated that estimates at present were approximately 4000 *V. erioloba* would be lost per project site, and that approximately 10 000 *V. haemotoxylon* would be lost per project site.

JM enquired whether there was any important fauna on the project sites. ST2 stated that there were some Red Data species, although that these species were mobile and would most likely move away from the area during disturbance.

JM noted concern for traffic and dust related impacts for the projects, noting that dust smothering of plants could be a concern. JH stated that Building Energy have a nearby project (Kathu Solar) that was already developed, and could confirm that the dust would be minimal given the type of soils and shallow rock profile of the area.

JM enquired whether there would be total clearance of vegetation with each proposed project. JH stated that there would not be total clearance except where the mounting structures would need to be piled into the ground. MM added that clearance be just above ground level, as vegetation is required to assist with controlling run-off for each site.

2. Site Visit Discussion Points

JM and SF stated concern for a cluster of *V. erioloba* in the South western corner of HSD 4 where an access road/fire break was being proposed. MM stated that this cluster could be avoided with the final layouts to prevent removal of this particular cluster.

MM wanted to clarify what would be the recommended approach going forward in the EIA phase considering that there was a high amount of tree species that would need to be removed / relocated. JM stated that it is possible that a biodiversity offset may be required since the number of protected trees to be removed were considered high. However, this was not an official response, and that the results of the site meeting would need to be brought to the attention of her colleagues at DAFF and NCPG DENC to determine a more definitive way forward. TK enquired whether the eastern portion of the property of Remainder of Farm Lyndoch No. 432, which had been excluded from the proposed development area due to high number of protected tree species, could not be used as an offset. JM responded that as there are already a high number of protected tree species present, this area would not serve as an appropriated area for an offset as it could not be densified any further.

Post-Meeting Note: The applicant and Environmental Assessment Practitioner are currently awaiting formal response from DAFF and NCPG DENC on the matter of how to proceed with the expected high loss of protected tree species.

DISCUSSION SESSION AND CLOSURE

ST closed the meeting at 14:30pm.

SCOPING PHASE

FOCUS GROUP MEETING:
DEPARTMENT OF AGRICULTURE, FORESTRY AND
FISHERIES (DAFF)

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

HYPERION SOLAR DEVELOPMENTS AND ASSOCIATED INFRASTRUCTURE NEAR KATHU, NORTH WEST PROVINCE

DEA Ref. Nos:

14-12-16-3-3-2-1109 – Hyperion Solar Development 1

14-12-16-3-3-2-1110 – Hyperion Solar Development 2

14-12-16-3-3-2-1111 – Hyperion Solar Development 3

14-12-16-3-3-2-1112 – Hyperion Solar Development 4

NOTES OF FOCUS GROUP MEETING

HELD ON THURSDAY, 08 NOVEMBER 2018

VENUE: DAFF Northern Cape Province Offices, Louisvale, Upington

Notes for the Record prepared by:

Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

HYPERION SOLAR PV DEVELOPMENTS AND ASSOCIATED INFRASTRUCTURE

Venue: DAFF Northern Cape Province Offices, Louisvale, Upington

Date: Thursday, 08 November 2018

Time: 09h30

WELCOME AND INTRODUCTION

Ms Nicolene Venter, Public Participation Practitioner, Savannah Environmental, thanked Ms Jacqueline Mans for making time available for the Focus Group Meeting. After introducing herself and her role, Mr Shaun Taylor introduced himself and informed Ms Mans that he will be presenting the project on behalf of Ms Thalita Botha, the Environmental Assessment Practitioner, who could not attend due to unforeseen circumstances.

MEETING ATTENDEES

Name	Organisation	Position
Ms Jacqueline Mans	Department of Agriculture, Forestry (DAFF)	Chief Forester: NFA Regulations, Forestry Management
Mr Shaun Taylor	Savannah Environmental	Environmental Assessment Practitioner
Ms Nicolene Venter		Public Participation & Social Consultant

APOLOGIES

None received.

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

The development of four (4) separate photovoltaic (PV) solar energy facilities (SEFs) as well as associated infrastructure are being proposed on the Remaining Extent of the Farm Lyndoch 432 situated ~16km north of, and these facilities will be called:

- » Hyperion Solar Development 1
- » Hyperion Solar Development 2
- » Hyperion Solar Development 3
- » Hyperion Solar Development 4

Each of the four (4) SEFs will be constructed as separate stand-alone projects, with a separate project development company (or Special Purpose Vehicle (SPV)) as the applicant for each project. The project details are:

Applicant:	Project Name:	Contracted Capacity:
Hyperion Solar Development 1 (Pty) Ltd	Hyperion Solar Development 1	75MW

Cyragaurd (Pty) Ltd	Hyperion Solar Development 2	75MW
Nomispank (Pty) Ltd	Hyperion Solar Development 3	75MW
Nomispan (Pty) Ltd	Hyperion Solar Development 4	75MW

It is the developer's intention to bid each solar energy facility under the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar energy facility will be sold to Eskom and will feed into the national electricity grid. The development of the facilities will also assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP).

DISCUSSION SESSION

Question / Comment (All questions / comments below have been submitted by Ms Jacoline Mans)	Response
It was asked whether the associated power line corridors forms part of this EIA.	Shaun Taylor responded that it is not part of this EIA process and would be a separate Basic Assess process.
In terms of the two proposed access roads, Alternative 1 is more preferred than Alternative 2, as the dust impact on the Camel Thorn trees situated along Alternative 2 (T25) is a concern.	Shaun Taylor responded that the preference is noted and in terms of the two access road alternatives. In terms of the dust impact on the Camel Thorn trees situated along Alternative 2 (T25), it can be confirmed that this will be fully assessed in the impact phase.
The project team was informed that road access Alternative 2 traverse a section of the Kathu Forest and that the DAFF will not issue a license for road access Alternative 2 as the DAFF had lodged an appeal against Kathu 2 Solar who also proposed their access road through this section of the protected Kathu Forest.	Shaun Taylor replied that the information provided will be taken forward and also shared with the Applicant.
An additional access road alternative was proposed that could run from the proposed development sight to the Stokkiesdraai Road (T25) which joins the R380.	Shaun Taylor acknowledged these two additional proposed alternative and informed the DAFF that it will be discuss with the Applicant.
The project team was informed by DAFF of a fourth possible alternative that can be considered that could route from the R380 to the northern part of Hyperion Solar Development 2.	
It was mentioned that the <i>Terminalia sericea</i> that might be present on the proposed sites is indigenous but not a protected species.	Shaun Taylor responded that this information will be confirmed by the biodiversity specialist in the impact phase.

It was enquired whether all four projects will be constructed at the same time or will it be a phased approach.	Shaun Taylor replied that it would be a phased approach, should all four the proposed projects receive preferred bidding status.
Is was enquired whether the properties will be purchased by the developer or leased.	Shaun Taylor responded that the properties will be leased.
It was enquired as to the exact footprint size of each of the four proposed developments.	Shaun Taylor responded that the "development footprint" are approximately 180 hectares.
It was asked as to how many trees per ha is envisaged to be lost on each of the four (4) proposed sites.	Shaun Taylor replied that according to the specialist's desk-top calculations, it is estimated at 100 trees.
The project team was informed that in terms of off-sets and with reference to the DAFF's appeal against the Kathu 2 Solar project, that an off-set for the loss of Camel Thorn trees was requested. The same will apply for the Hyperion 1, 2, 3 &4 projects.	Shaun Taylor requested that the DAFF submit this request / recommendation in writing to the project team, and that this request / recommendation can form part of the DAFF's formal comments on the Scoping Report.
The project team was provided with a map indicating the buffer zone around the Kathu Forest	Nicolene Venter thanked the DAFF for the copy and requested that an electronic copy can be sent via e-mail to the project team.
The project team was informed that should the access road cross any portion of the Kathu Forest or areas declared then the road should be fenced with a game fence. Should this be required, the DAFF will discuss this matter with the DENC as a joint decision is required.	Shaun Taylor take note of the fence requirements and the DAFF will be kept informed regarding any possible impact on the Kathu Forest.
It was recommended that a meeting be arranged with the DAFF and DENC to discuss any possible off-sets that might be required for these four (4) proposed projects.	Shaun Taylor replied that the matter will be discussed with the Applicant and it is envisaged that should a meeting be arranged that it will take place in during the impact phase, and probably as early in the impact phase as possible.
Electronic copies of the maps were requested, and preferably shapefiles.	The requested maps were e-mail to the DAFF on 7 December 2018.
A site visit was requested, after the Reports were read, to take place where the DAFF and DENC Officials both are present, and it was recommended that this site visit take place late January 2019 or early February 2019.	Shaun Taylor responded that this request will be forwarded to the Applicant and further communication in this regard will take place in early January 2019.
It was enquired whether the Biodiversity Specialist did a detailed Fauna study.	Shaun Taylor responded that the specialist had only done a desk-top study for the Scoping Phase and that ground truthing will be done in the Impact Phase.

<p>It was asked as to whether the project team knows when was the last time that the Vlermuisleegte River had flowed.</p>	<p>Shaun Taylor responded that the project team were not aware of the last time that this watercourse flowed but stated that this would be queried with the landowners in the area. The landowner was accordingly queried and reported that the last time it flowed was allegedly in 1974.</p>
<p>It was asked whether the access road will be a gravel road or tarred.</p>	<p>Shaun Taylor replied that erosion is an associated first with gravel roads and also the possible impact associated with dust is also a concern. Whether the access road will be tarred is unsure at this stage of the EIA.</p>
<p>The project team was informed, that with the Kathu Solar, dust suppression was used, and this activity resulted in the use of a large amount of water.</p>	<p>Shaun Taylor replied that it is believed that dust suppression will be done during the construction phase, but not sure whether it will carry on during the operation phase as it is believed that not a lot of vehicles will use the access road during the operation phase.</p>
<p>It was enquired whether the Biodiversity Specialist's Report addressed the impact in terms of access roads.</p>	<p>Shaun Taylor replied that the team will confirm whether it was included.</p>
<p>It was asked as to why the Applicant selected sites with such high density of trees.</p>	<p>Shaun Taylor replied that it is believed that the sites were identified to be suitable for such a development and the close proximity to connect to the electricity grid network.</p>
<p>In terms of off-sets, DAFF indicated that they are not in favour of such an approach due to the time frame associated with these proposed developments.</p>	<p>Shaun Taylor acknowledged the DAFFs point regarding off-sets.</p>

WAY FORWARD AND CLOSURE

Nicolene Venter thanked Ms Jacoline Mans for the valuable inputs provided into the EIA.

Meeting closed at 10h30

ATTENDANCE REGISTER

Project	Hyperion Solar Development			Meeting	Focus Group Meeting with DAFF
Date	8 November 2018	Time	9h30	Venue	DAFF, Louisvale Road Upington

	Organization	Name & Postal Address	Contact Details	Signature
1	DAFF	Jacoline Mans	Tel: 054-338-5909	
	Designation	DAFF Directorate: Forestry Management Louisvale Road Upington Northern Cape 8800 South Africa	Fax: 054-334-0030	
	Chief Forester: NFA Regulation		Cell: 082-808-2737 Email: jacolinema@daff.gov.za	
	Organization	Name & Postal Address	Contact Details	Signature
2	Savannah Environmental	Shaun Taylor	Tel: 011 656 2986	
	Designation	First Floor, Block 2, 5Woodlands Drive Office Park, Woodmead	Fax: 086 684 0547	
	EAP		Cell: 072 779 4899 Email: shaun@savannahsa.com	
	Organization	Name & Postal Address	Contact Details	Signature
3	Savannah Environmental	Nicolene Venter	Tel: 011 656 2986	
	Designation	First Floor, Block 2, 5Woodlands Drive Office Park, Woodmead	Fax: 086 684 0547	
	Public Participation Consultant		Cell: 083 377 9112 Email: nicolene@savannahsa.com	

FOCUS GROUP MEETING:
LANDOWNERS

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

HYPERION SOLAR DEVELOPMENTS AND ASSOCIATED INFRASTRUCTURE NEAR KATHU, NORTH WEST PROVINCE

DEA Ref. Nos:

- 14-12-16-3-3-2-1109 – Hyperion Solar Development 1
- 14-12-16-3-3-2-1110 – Hyperion Solar Development 2
- 14-12-16-3-3-2-1111 – Hyperion Solar Development 3
- 14-12-16-3-3-2-1112 – Hyperion Solar Development 4

NOTES OF FOCUS GROUP MEETING: Landowners

HELD ON THURSDAY, 08 NOVEMBER 2018

VENUE: House of Mr Tom Knoessen, Farm Lyndoch Farm, Kathu
and

One-on-One Discussion held on Friday, 09 November 2018 at Sanyati
Guest House, Kathu

Notes for the Record prepared by:

Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

HYPERION SOLAR PV DEVELOPMENTS AND ASSOCIATED INFRASTRUCTURE

Venue: Lyndoch Farm, Kathu

Date: Thursday, 08 November 2018

Time: 18h00

WELCOME AND INTRODUCTION

Ms Nicolene Venter, Public Participation Practitioner, Savannah Environmental, thanked the attendees for making time available for attending the Focus Group Meeting. After introducing herself and her role, she requested the attendees to introduce themselves. After introducing herself and her role, Mr Shaun Taylor introduced himself and informed Ms Mans that he will be presenting the project on behalf of Ms Thalita Botha, the Environmental Assessment Practitioner, who could not attend due to unforeseen circumstances.

MEETING ATTENDEES

Name	Organisation	Position
Mr Tom Knoessen	Farm Lyndoch	Owner
Mr Nico Steyn	Farm Cowley	Owner
Mr Shaun Taylor	Savannah Environmental	Environmental Assessment Practitioner
Ms Nicolene Venter		Public Participation & Social Consultant

APOLOGIES

Ms Cecilia Loubser, Farm Calway

Mr André van Heerden, Farm Lyndoch

Mr Schalk Burger, Farm Selsden

Mr Johan Vorster, Farm Cowley

Mr Sakkie Burger, Farm Bucote

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

The development of four (4) separate photovoltaic (PV) solar energy facilities (SEFs) as well as associated infrastructure are being proposed on the Remaining Extent of the Farm Lyndoch 432 situated ~16km north of, and these facilities will be called:

- » Hyperion Solar Development 1
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- » Hyperion Solar Development 4

Each of the four (4) SEFs will be constructed as separate stand-alone projects, with a separate project development company (or Special Purpose Vehicle (SPV)) as the applicant for each project. The project details are:

Applicant:	Project Name:	Contracted Capacity:
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Cyragaurd (Pty) Ltd	Hyperion Solar Development 2	75MW
Nomispark (Pty) Ltd	Hyperion Solar Development 3	75MW
Nomispan (Pty) Ltd	Hyperion Solar Development 4	75MW

It is the developer's intention to bid each solar energy facility under the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar energy facility will be sold to Eskom and will feed into the national electricity grid. The development of the facilities will also assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP).

DISCUSSION SESSION

Question / Comment (All questions / comments below have been submitted by Ms Jacoline Mans)	Response
Tom Knoessen informed the project team that in terms of the two (2) access road Alternatives, that Alternative 2 (T25) would be the most preferred, as Alternative 1 (T26) in terms of dust and visibility impact, is a safety concern as the alternative traverses close to homesteads.	Shaun Taylor acknowledged the preference and thanked the attendees for the information provided. He informed the attendees that detailed studies for both these alternatives will be done in the impact phase.
Tom Knoessen raised the concern regarding safety to the residents along Alternative 1 especially during construction time.	Shaun Taylor acknowledged the concern regarding safety as this is a key issue for landowners. He informed the attendees that safety and security will be addressed and responded to during the impact phase.
The attendees indicated to the project team that the third alternative as proposed by the DAFF seems to be the most feasible alternative as it will address the safety issue as it will run along the property fences of two landowners.	Shaun Taylor acknowledged the comment regarding a possible third alternative for an access road and informed the attendees that this alternative needs to be submitted to the Applicant before any commitments of an additional alternative can be made.
Johan Vorster recommended that a 4m high electrical fence be erected around the proposed development to prevent trespassing and thoroughfare as this could also negatively impact the residents' safety.	Shaun Taylor acknowledged the recommendation and inform the attendees that it will be forwarded to the Applicant for consideration.

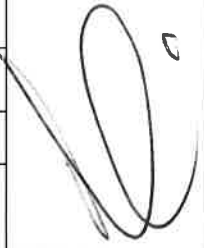
Johan Vorster enquired as to what would the buffer be from the fence to the proposed development as this buffer could be used as a firebreak.	Shaun Taylor responded that this detailed information is not yet available and once it becomes available, it will be communicated to the attendees.
Both the attendees requested that an access control system be considered on access road Alternative 1 (T26) to ensure the safety of the residents.	Shaun Taylor responded that there will be access control at the entrance to the solar plants.
Johan Vorster enquired whether the local labour force will be sourced from Kuruman or Kathu.	Shaun Taylor replied that this information is not yet known and once available, it will be communicated to the attendees.
Johan Vorster enquired whether any workers will be housed on the development site during construction.	Shaun Taylor replied that workers will be transported to and from the construction site. Post-meeting note: It is important to note that Security Officers will be on site.
One-on-One Discussions: Friday, 09 November 2018	
Nico Steyn asked whether the proposed access road will have a registered servitude.	Nicolene Venter replied that it is believed that the preferred access road will be registered according to the relevant by-law.
Nico Steyn & Jan Burger raised the concern regarding safety to the residents along Alternative 1 especially during construction time.	Nicolene Venter acknowledged the concern regarding safety as this is a key issue for landowners. He informed the attendees that safety and security will be addressed and responded to during the impact phase.
Nico Steyn requested that an access control system be considered on access road Alternative 1 (T26) to ensure the safety of the residents.	Nicolene Venter responded that there will be access control at the entrance to the solar plants.
Nico Steyn & Jan Burger enquired as to whether the development will be fenced.	Nicolene Venter responded that the development will be fenced but the type of fence is not yet known.

WAY FORWARD AND CLOSURE

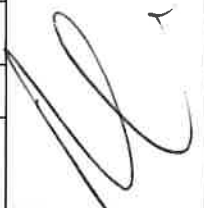
Nicolene Venter thanked all the attendees at the various meetings for their valuable inputs provided into the EIA.


ATTENDANCE REGISTER



Project	Hyperion Solar Development		Meeting	Focus Group Meeting with Landowners	
Date	8 November 2018	Time	18h00	Venue	Farm Lyndoch, Kathu ,8446

	Organization	Name & Postal Address	Contact Details	Signature
1	Savannah Environmental	Shaun Taylor First Floor, Block 2, 5Woodlands Drive Office Park, Woodmead	Tel: 011 656 2986	
	Designation		Fax: 086 684 0547	
	EAP		Cell: 072 779 4899 Email: shaun@savannahsa.com	



	Organization	Name & Postal Address	Contact Details	Signature
2	Savannah Environmental	Nicolene Venter First Floor, Block 2, 5Woodlands Drive Office Park, Woodmead	Tel: 011 656 2986	
	Designation		Fax: 086 684 0547	
	Public Participation Consultant		Cell: 083 377 9112 Email: nicolene@savannahsa.com	

	Organization	Name & Postal Address	Contact Details	Signature
3		Thomas Knoesen	Tel:	
	Designation		Fax:	
			Cell: 078-879-2565 Email: tomknoesen@icloud.com	

	Organization	Name & Postal Address	Contact Details	Signature
4		Nico Steyn	Tel:	
			Fax:	
	Designation		Cell: 073-198-2943	
	Email: licosim@gmail.com			
	Organization	Name & Postal Address	Contact Details	Signature
5	PNP Trust	Schalk Burger	Tel:	
	Designation		Fax:	
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