



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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**Savannah Environmental (Pty) Ltd**

**Contact:** Gabriele Wood  
**Address:** PO Box 148  
Sunninghill, 2157  
**Tel:** 011 656 3237  
**Fax:** 086 684 0547  
**E-mail:** gabriele@savannahsa.com

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### BIRDLIFE SOUTH AFRICA

HELD ON  
10 MAY 2016

VENUE  
WINTER PALACE, KIRSTENBOSCH BOTANICAL  
GARDENS, NEWLANDS

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Winter Palace, Kirstenbosch Botanical Gardens, Newlands, Cape Town  
**Date:** 10 May 2016  
**Time:** 10:00

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Samantha Ralston (SR)	BirdLife SA
Dale Wright (DW)	BirdLife SA
Lerato Molgwatbeng (LM)	Eskom
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

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John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
SR: Has Eskom undertaken any bird monitoring on the existing 400kV power line? It would be useful to look at the collision incidence reports.	SJ: The Endangered Wildlife Trust (EWT) have been monitoring the existing power line on an adhoc basis.  JvM: I will recommend that the avifauna specialist use the existing monitoring information in his study.
DW: Who is the avifauna specialist?	JvM: The consultancy undertaking the avifaunal impact assessment is Afzelia Environmental Consultants and the specialist's name is Craig Widdows.
DW: If the existing line is expanded on then more Critical Biodiversity Areas (CBA) will be impacted on and destroyed.	JvM: Impacts could be potentially avoided if the new power line is constructed parallel to the exiting power line.
DW: Is the primary purpose is to move the extra power coming into the grid from the renewable projects and other facilities from the Aurora Substation to one of the new substations to	SJ: There is currently not enough power in Saldanha Bay to supply the Saldanha Bay Industrial Development Zone (IDZ) and any other new developments with electricity.

Question / Comment	Response
provide new industries with access to the grid?	Therefore Eskom aim to increase supply of electricity to Saldanha through the upgrade of the network in the area.
SR: From a bird perspective we would prefer to have the power line running parallel to the existing power lines.	Comment noted.
DW: New infrastructure should not be constructed in a flight path.	Comment noted.
SR: Are you planning to undertake field work as well?	JvM: The Scoping Report includes a desktop avifaunal assessment. Field work will be undertaken by the specialist in the EIA phase. This assessment will be included in the draft EIA Report which will be made available for review.
<p>SR: It should be noted that Eskom and EWT are testing bird diverters that are visible at night. If there are significant concerns regarding the movement of water bird at night, then these diverters may be a suitable mitigation measure that could be considered for this project. EWT will be able to provide further information regarding this technology.</p> <p>DW: BirdLife should be promoting the use of these diverters as best practice regardless of which power line will be preferred. I have heard of night time movements in this area.</p>	JvM: Comments noted. The specialist will be informed of this.
DW: From an environmental perspective, we acknowledge that this is an IDZ area. We would rather have development focused and densified in specific areas then sprawling all over the landscape.	Comment noted.
DW: Will a preferred alternative be recommended in the EIA Report?	<p>JvM: The specialist recommendations will be considered and a preferred alternative will be recommended in the EIA Report.</p> <p>LM: Two power lines will be constructed in one corridor. The preferred corridor will be recommended based on the outcome of the environmental assessments which will be undertaken in the EIA phase.</p>
DW: Will the new substations tap into existing infrastructure or will new infrastructure be required to be constructed? Which one of the three substations will require the least additional infrastructure to be built? The preferred substation would be depend on which one of the substations requires the least new build.	JvM: New servitudes will be required. The infrastructure required would also depend on which power line route is preferred.

Question / Comment	Response
DW: Is it not possible to retrofit the existing power line to expand the capacity?	LM: The existing line will remain and will still be used. One cannot add to the existing line to achieve the required capacity.
DW: Do the different types of pylons have varying impacts on birds?	<p>JvM: Most of the impacts to birds are connected to the power line itself and not the pylons.</p> <p>LM: There are specific towers recommended for areas where impacts to birds are likely to occur. The types of pylons will be decided one based on the outcome of the specialist studies which will be undertaken. The line engineers will provide us with designs to mitigate the impacts to birds.</p>
DW: When does the Scoping Report's review period end?	JvM: The review period will end on 18 May 2016.

## WAY FORWARD AND CLOSURE

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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**Savannah Environmental (Pty) Ltd**

**Contact:** Gabriele Wood

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

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### CAPE NATURE

HELD ON  
10 MAY 2016

VENUE  
ASSEGAAIBOSCH NATURE RESERVE, JONKERSHOEK,  
STELLENBOSCH

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Assegaibosch Nature Reserve, Jonkershoek, Stellenbosch  
**Date:** 10 May 2016  
**Time:** 13:30

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Alana Duffell-Canham (ADC)	CapeNature – Scientific Services
Lerato Mokgwatlheng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

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John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
ADC: A key concern is the cumulative impact of the numerous projects and linear activities located within the Saldanha Bay Local Municipality. Will this project provide increased capacity to carry into the future? The construction of new smaller power lines should be avoided and strategic planning needs to be implemented to reduce cumulative impacts.	LM: This project aims to strengthen Eskom's network to supply future developments in the broader Saldanha Bay area. A servitude for two 400kV power lines will be acquired. The two power lines will operate at 132kV with the aim of operating at 400kV in 10 – 15 years' time. Both power lines are being constructed to accommodate future expansion requirements.  JvM: Cumulative impacts associated with the proposed power line and substations will be evaluated in the EIA Report.
ADC: The Hopefield sand fynbos located near the Aurora Substation is heavily impacted. It should be noted that this vegetation type is considered to be endangered although it is not listed.	Comment noted.
ADC: From an avifaunal perspective, it would be preferable to construct the power line adjacent to the existing power line to reduce impacts to	Comment noted.

Question / Comment	Response
birds.	
ADC: Power line alternative 1 would have the most impacts from a botanical perspective as it traverses Critical Biodiversity Area (CBA). It would be preferred if the servitudes through the CBA were not widened as the CBA is already under pressure from development.	JvM: Comment noted. It is not too late to deviate from the proposed lines as these are theoretical in nature. CapeNature are welcome to propose alternative deviations which could be investigated further.
ADC: Species of conservation concern can be spanned and avoided by the power line. Botanical impacts can be reduced by 80% if the maintenance of servitudes and access roads is implemented correctly. Annual brush-cutting in the Western Cape is considered a no-go as the vegetation type is low.	JvM: Servitude maintenance measures will be provided in the EMPr which will be included in the EIA Report.
ADC: Who are the specialists which will be undertaking the flora, fauna and avifaunal studies? A significant amount of research has been undertaken and documented for numerous projects proposed within the Saldanha Bay region. It is advisable that the specialists utilise these sources.	JvM: A team from Afzelia Environmental Consultants will conduct the flora, fauna and avifauna studies. The consultants are: <ul style="list-style-type: none"> <li>» Astika Bhugeloo – Vegetation Assessment</li> <li>» Craig Widdows – Faunal Impact Assessment and Avifaunal Impact Assessment</li> </ul>
ACD: Ultimately what this project should do is to determine where the substation can be placed optimally so that other industries can link into it with a short power line.	Comment noted.

## WAY FORWARD AND CLOSURE

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

Cape Nature 10/5/16

Organisation	Name & Postal Address	Contact Details	Signature
Savannah	John van Mager	Tel : Fax : Cell : 084 404 3673 E-mail : john@savannahsa.com	
Designation Consultant	herato Mokoatleng	Tel : 011 800 6817 Fax : Cell : 0845 806 147 E-mail : mokgwali@estom.co.za	
Estom	Shawn Johnston Sustainable Futures ZA	Tel : 083 325 9965 Fax : 086 510 2537 Cell : 083 325 9965 E-mail : shawnjohnston@nwweb.co.za	
Designation Consultant PPP	ARANA DUFFELL-CANHAM	Tel : 021 766 8024 Fax : Cell : 082 727 2641 E-mail : ARANADUFFELL-CANHAM@CAPEWATERMILL.CO.ZA	
CAPEWATERMILL			
Designation SCIENTIST			
Designation			
Designation			



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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**Savannah Environmental (Pty) Ltd**

**Contact:** Gabriele Wood

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

**Tel:** 011 656 3237

**Fax:** 086 684 0547

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

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## SCOPING PHASE PUBLIC PARTICIPATION PROCESS FOCUS GROUP MEETING

HELD ON  
10 MAY 2016

VENUE  
WESTERN CAPE DEPARTMENT OF AGRICULTURE, LAND  
USE BOARDROOM, ELSENBURG

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Western Cape Department of Agriculture, Land Use Boardroom, Elsenburg  
**Date:** 10 May 2016  
**Time:** 15:00

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
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## MEETING ATTENDEES

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Name	Organisation & Position
Cor van der Walt (CvdW)	Western Cape Department of Agriculture – Land Use Management
Lerato Mohgwatlweng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

---

John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
CvdW: On what criteria have you chosen the power line alternatives?	JvM: The alternatives were selected by Eskom. The logic behind power line alternative 1 is that it follows the existing power lines. Power line alternative 2 follows the R45 but does not follow cadastral boundaries. Power line alternative 3 follows the cadastral boundaries. Eskom has attempted to avoid major ecological or environmental sensitivities. The power lines are theoretical at this stage and deviations to the alternatives proposed will be considered.
CvdW: The visual impacts would be reduced if power line alternative 1 is constructed since there are existing power lines in the area.	JvM: From a visual and a bird perspective it would be preferable to construct the power lines in one concentrated corridor.
CvdW: Cultivated and irrigated lands and lands where intensive agricultural practices are implemented should be avoided as far as possible. It is noted that the area is primarily used for dry land cultivation therefore there would be no impact to the land by the proposed	Comment noted.

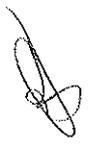
Question / Comment	Response
power lines and substations.	
CvdW: I would recommend constructing the power lines along the cadastral boundaries to make it easier for farmers in terms of access and maintenance.	Comment noted.
CvdW: Has a preferred alternative been selected as yet?	JvM: A preferred alternative has not been selected as yet. A preferred alternative will be selected based on the outcomes of the specialist studies undertaken.
CvdW: It is important to keep farmers involved in the process and let them know about the timeframes and the processes that are involved.	JvM: Comment noted. Impacted and adjacent landowners have been informed of the EIA process.

## **WAY FORWARD AND CLOSURE**

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Solomon Strengthening	Meeting	W.C Dept of Agriculture
Date	10/5/16	Venue	Offices of Dept of Agriculture

Organisation	Name & Postal Address	Contact Details	Signature
1 Savannah Designation Consultant	John von Meyer	Tel : Fax : Cell : E-mail :	
2 Eskom Designation Senior Advisor: Env	Lerato Mogywatheng	Tel : Fax : Cell : 0845806117 E-mail : mogywalle@eskom.co.za	
3 Designation	Cos Jwanani	Tel : 021 8085099 Fax : Cell : E-mail : corvdw@eisenburg.com	
4 Suzanne Lubbe Designation Shawn Jansen	SFZA P.O. Box 749 Randburg 7701	Tel : 0833259965 Fax : 086 510 2537 Cell : 0833259965 E-mail : swjansen@mweb.co.za	
5 Designation		Tel : Fax : Cell : E-mail :	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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

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**Tel:** 011 656 3237

**Fax:** 086 684 0547

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

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### WESTERN CAPE DEPARTMENT OF AGRICULTURE

HELD ON  
11 MAY 2016

VENUE  
IPIC CENTRE, CNR. MAIN ROAD AND KERK STREET,  
VREDENBURG

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** IPIC Centre, cnr. Main Road and Kerk Street, Vredenburg  
**Date:** 12 May 2016  
**Time:** 9:00

### **WELCOME AND INTRODUCTION**

---

Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

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## MEETING ATTENDEES

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Name	Organisation & Position
Eugene Mmbadi (EM)	Saldanha Bay Local Municipality – Environmental Officer
Nazeema Duarte (ND)	Saldanha Bay Local Municipality – Environmental Officer
Cassie du Preez (CdP)	Saldanha Bay Local Municipality – Electricity Department
F. Pronle (FP)	Saldanha Bay Local Municipality
Lerato Mokgwathleng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

---

None

## PROJECT BACKGROUND

---

John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
CdP: The electricity department of the Saldanha Bay Local Municipality (SBM) is interested in the placing of the substations and whether the Municipality would be able to connect to the substation in future.	JvM: The preferred location of the power lines and the substations will be presented in the EIA Report which will be send to the Municipality for review and comment. Further consultation will take place in this regard during the EIA Phase.
ND: There are many developments proposed in the area that include the construction of power lines. The cumulative impacts resulting from these projects will need to be investigated. It would be preferable if linear infrastructure corridors were concentrated in one area.	JvM: Cumulative impacts associated with the proposed power line and substations will be evaluated in the EIA Report.
CdP: What are the project time lines?	JvM: The EIA process will be completed in 2016.  LM: The project is a 10 – 15 year project. Eskom’s priority is to construct the distribution substation and the transmission power lines from

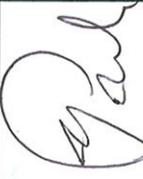
Question / Comment	Response
	the Auroura Substation to the new substation once the environmental authorisation has been received. The transmission substation will be constructed at a later stage.
ND: Are any of the proposed alternative power lines located within a Critical Biodiversity Area (CBA)?	JvM: Power line alternative 1 is located within a CBA area. Power lines are viewed as compatible with CBAs as sensitive vegetation types can be avoided. The EIA Report will demonstrate how impacts can be avoided and/or mitigated.
CdP: What is the capacity of the power lines at the moment?	LM: A servitude for two 400kV power lines will be acquired. The two power lines will operate at 132kV with the aim of operating at 400kV in 10 – 15 years' time. Both power lines are being constructed to accommodate future expansion requirements.

## **WAY FORWARD AND CLOSURE**

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Strengthening	Meeting	Saldanha Bay Municipality
Date	11/5/16	Time	09:00
		Venue	MIC Centre

Organisation	Name & Postal Address	Contact Details	Signature
1	Sudarmad Rutesza Designation Facilitator	Tel : 083325 9965 Fax : 086 510 2537 Cell : 083 325 9965 E-mail : sudarmad@mmmb.co.zw	
2	SBM Designation Environmental officer	Tel : 022 701 6803 Fax : N/A Cell : N/A E-mail : eugene.mmbadi@sbm.gov.za	
3	SAVANNAH BAY MUNICIPALITY Designation ENVIRONMENTAL OFFICER	Tel : 022 701 7116 Fax : Cell : E-mail : nazeema.duarte@sbm.gov.za	
4	Saldanha Bay Municipality Designation	Tel : 022 701 7123 Fax : Cell : 083 700 6117 E-mail : cassie.duarte@sbm.gov.za	
5	S.B.M Designation	Tel : 022 - 701 7015 Fax : Cell : 07 33883491 E-mail : frankie.pronk@sbm.gov.za	

Electricity &

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Meeting	Date	Venue
	Time		

	Organisation	Name & Postal Address	Contact Details	Signature
1	Esbon Designation Senior Advisor - ENV	Gerato Mogywatheng	Tel : Fax : Cell : 084 5806147 E-mail : mogywatheng@esbon.co.za	
2	Savannah Designation Consultant	Johnson Moya	Tel : Fax : Cell : E-mail :	
3	Designation		Tel : Fax : Cell : E-mail :	
4	Designation		Tel : Fax : Cell : E-mail :	
5	Designation		Tel : Fax : Cell : E-mail :	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

#### SCOPING PHASE

#### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### SOUTH AFRICAN AIRFORCE BASE LANGEBAANWEG

HELD ON  
11 MAY 2016

VENUE  
LANGEBAAN PUBLIC LIBRARY, LANGEBAAN

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

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

**Tel:** 011 656 3237

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

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**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Langebaan Public Library, Langebaan  
**Date:** 11 May 2016  
**Time:** 15:00

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Lt. Col. Tyrone King (TK)	South African Airforce Base Langebaanweg
Lerato Mokgwathheng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

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John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
TK: Is it a case of electing one or more than one of these power lines?	JvM: One preferred power line corridor would be recommended through the EIA process.
TK: Power line alternatives 2 and 3 are located in very close proximity to the air force base. The height of the pylon towers is also problematic.	LM: Comment noted. The pylon towers will be approximately 30 – 40 m high. Eskom can design the towers to be shorter if required. We will need an understanding of the take-off and landing directions. The power lines will be constructed in accordance with the South African Civil Aviation (CAA) requirements.
TK: Power line alternative 3 is most suitable from the air force's perspective.	JvM: Comment noted. If there are major concerns regarding power line alternatives 2 and 3, then we may need to consider other alternative options. Alternatives do need to be assessed in the EIA.
TK: The air force's directorate for aviation safety would need to approve the power lines as well. Assessments are undertaken internally and in consultation with the CAA. The directorate for aviation safety has been informed of this	Comment noted.

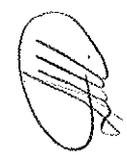
Question / Comment	Response
proposal.	
TK: Please send through the minutes of the meeting so that I can forward them onto the SAAF in Pretoria. The EIA Report will also be sent to the Pretoria headquarters.	JvM: The minutes of the meeting will be send to you in due course.
TK: It should be noted that the air force base is also a divergent runway for commercial aircraft such as SA Airlink, SA Express and Mango.	JvM: Comment noted.

## **WAY FORWARD AND CLOSURE**

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Soldonke Bay Strengthening	Meeting	Langebaan Air Base
Date	11/5/16	Time	14:00
		Venue	Library Auditorium Langebaan

Organisation	Name & Postal Address	Contact Details	Signature
1 Savannah Designation Consultant	John van Meye	Tel : 011 656 3237 Fax : Cell : 086 604 3673 E-mail : john@savannahsa.com	
2 SAPF (AFBUBG) Designation	LT COL T.P. KING South Africa Airforce Base Langebaanweg	Tel : 082 7807007 Fax : Cell : E-mail :	
3 Estom Designation Senior Advisor - Env	Lerato Mqwa/lleng	Tel : Fax : Cell : E-mail : mqlwall@estom.co.za	
4 Sustainable Futures 20 Designation Facilitator	Shawin Johnstone	Tel : 083 325 9965 Fax : Cell : E-mail :	
5 Designation		Tel : Fax : Cell : E-mail :	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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

**Contact:** Gabriele Wood  
**Address:** PO Box 148  
Sunninghill, 2157  
**Tel:** 011 656 3237  
**Fax:** 086 684 0547  
**E-mail:** gabriele@savannahsa.com

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## SCOPING PHASE PUBLIC PARTICIPATION PROCESS FOCUS GROUP MEETING

HELD ON  
11 MAY 2016

VENUE  
Langebaan Library

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Langebaan Library Auditorium  
**Date:** Wednesday, 11 May 2016  
**Time:** 10:00

### **WELCOME AND INTRODUCTION**

---

Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Lerato Mokgwatheng (LM)	Eskom – Project Manager
Jaco Kotze (JK)	Langebaan Residents & Ratepayers Association - Chairperson
Owen Peters (OP)	Eskom Distribution
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

---

None

## PROJECT BACKGROUND

---

John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
JK: I suggest a few route deviations.	JvM: We are looking at it theoretically at the moment and there is still scope for change. We will look at your suggestions.  SJ: Yes, it is also important to keep in mind that you cannot cross high voltage lines.
JK: This is a very high tourism area. Can alternative 1 go straight in the southern section.	LM: It depends on the constraints on the ground – it will have to go to the technicians to see if feasible.
JK: Alternative 1 is my preferred option. The viewshed is already spoilt. There is far less visual impact. I am also concerned about avian problems.	JvM: We are doing avifauna studies and visual assessments as part of the EIA so those recommendations will be important.
JK: It is a pity that this map doesn't have the topography on it.	JvM: The visual impact assessment will have such a map in it.
JK: I propose another variation on this Alternative 1.	JvM: We will look at both alternatives in the EIA phase, as long as they are feasible.
JK: There is already infrastructure in this area	JvM: Yes, the environmental cost of Alternative 1

Question / Comment	Response
along Alternative 1, especially access roads. So you will not need new roads. From an environmental perspective this is the best option.	does seem to be preferred at this stage.
JK: I want a motivation as to how these routes were chosen by Eskom. I want to see that in the scoping report.	JvM: It was done from a technical feasibility and cost perspective. Eskom have looked at the aerial imagery and selected the routes to avoid any obvious environmental sensitivities. This information is in the scoping report.

## **WAY FORWARD AND CLOSURE**

---

Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Bay	Meeting	Lawrence Meeting 1
Date	11/5/16	Venue	Longton Library
	Time		
	17:30		

	Organisation	Name & Postal Address	Contact Details	Signature
1	Savannah Designation Consultant	John von Meyer PO Box 148 Sunnyside 2157	Tel : 011 656 3237 Fax : Cell : 089 609 3873 E-mail : john@savannahsdl.com	
2	Eskon Designation Senior Advisor - Env	Lerato Mogwatheng P.O. Box 120 HBN 7357	Tel : Fax : Cell : 0845806147 E-mail : mogwath@eskon.co.za	
3	Designation WRA Chairperson	Owen Peters	Tel : Fax : Cell : E-mail : info@lawrencewaterpayers.co.za	
4	Designation Law & Ethics Practitioner	Owen Peters	Tel : 021 980 3817 Fax : 086 566 7877 Cell : E-mail : Owen.peter@eskon.co.za	
5	Designation		Tel : Fax : Cell : E-mail :	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

---

**Savannah Environmental (Pty) Ltd**

**Contact:** Gabriele Wood  
**Address:** PO Box 148  
Sunninghill, 2157  
**Tel:** 011 656 3237  
**Fax:** 086 684 0547  
**E-mail:** gabriele@savannahsa.com

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## SCOPING PHASE PUBLIC PARTICIPATION PROCESS FOCUS GROUP MEETING

HELD ON  
THURSDAY, 12 MAY 2016

VENUE  
SPRINGFONTEIN FARM

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Springfontein Farm  
**Date:** Thursday, 12 May 2016  
**Time:** 08:00

### **WELCOME AND INTRODUCTION**

---

Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
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Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Lerato Mokgwatheng (LM)	Eskom – Project Manager
J.P.D. Steyn (JS)	Impacted Landowner - Wolfiesfontein
G.H.P. Steyn (GS)	Impacted Landowner - Springfontein
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

---

John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
GS: Eskom should have contacted the landowners to inform them of the proposed power lines. We saw the EIA process advert in the newspaper and also received documentation regarding the EIA process in the post. The correspondence received from Savannah Environmental is the only information that we have received on this project to date.	JvM: Eskom would only consult landowners once an Environmental Authorisation is granted by the Department of Environmental Affairs. The EIA process is currently underway and the preferred corridor will be recommended in the draft EIA report. The purpose of the meeting is to obtain comments on the proposed routes.
GS: We object to power line alternatives 2 and 3 traversing our properties. The existing power line crosses 25m from the farm house. Power line alternative 1 would only transect a small piece of our land.  We use large harvesters and crop sprayers. Power line alternatives 2 and 3 will have an impact on our farming practices as our machinery would not fit underneath the proposed power	JvM: Your objection to power line alternatives 2 and 3 is noted.

Question / Comment	Response
<p>lines. This will lead to a decrease in income. We will not permit the power line alternatives 2 and 3 to be constructed over agricultural land.</p> <p>Power line alternative 1 travers land that is not used for agricultural purposes. In addition, the infrastructure required to access the power line namely, access roads and gates are already in place for the existing power line.</p>	
<p>GS: Does the Air Force have issues regarding these lines?</p>	<p>SJ: We met with Tyrone King of the Langebaan Airforce Base yesterday and they are considering power line alternatives 1, 2 and 3. The other power line alternatives are not considered to be viable options.</p>
<p>JS: We are concerned of the visual impacts and health impacts that the power lines have due to the magnetic field around the power lines. The 400kV power lines will also have an influence on the communication systems as they are using Wi-Fi. We have a tower on our property that is being utilised by the Langebaan Air Force Base. The technicians working on the tower indicated that there will be a lot of interference in the communication systems if the 400kV lines are constructed. This tower is located next to the farm house.</p>	<p>SJ: Comments noted.</p>
<p>JS: Will power line alternative 1 be located on the inside or outside of the existing power lines? Would it be possible to change the power line alternative 1 route so that it traverses in a straight line?</p>	<p>SJ: The power line alternative 1 will be located in the inside of the existing power lines. It will not be practical to construct the power line on the outside of the existing power lines as it would then need to cross over 5 existing power lines.</p> <p>JvM: It should be noted that the proposed power lines are theoretical and can be changed.</p>
<p>GS: Although there are no agricultural practices occurring in the area where power line alternative 1 is proposed, the construction of a power line will be inconvenience to farmers. We burn the grass to keep it short, but we are not permitted to burn grass within the Eskom servitude. It is Eskom's responsibility to keep the grass short underneath the lines but they do not do so. Eskom's contractors often leave the gates open during maintenance.</p>	<p>LM: Noted. It will be more practical if the power line traverses along the farm boundaries so that it may not interfere with farming practices. Eskom is only required to cut vegetation within the servitude if it grows to higher than 4m.</p> <p>SJ: The maintenance of the servitude will form part of the EMPr.</p>
<p>JS: There are historical sand dunes on our farm. When the sand dunes are disturbed, it will definitely blow everywhere. There is also trees</p>	<p>SJ: Comment noted, these issues will be considered in the EIA Report.</p>

Question / Comment	Response
that will need to be removed.	
GS: Have you consulted the owner of the Thali Thali Game Lodge? The farm is owned by the Barend Pieterse Trust and the contact person is Thys van Niekerk.	JvM: All affected and adjacent landowners were notified of the EIA process. Thys van Niekerk is registered on the database. He said that he did not require a meeting with us and that he would submit written comments.

## **WAY FORWARD AND CLOSURE**

---

Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Bay	Meeting	De Wet Steyn - Landowner
Date	12/5/2016	Time	08:00
		Venue	Springfontein Farm

	Organisation	Name & Postal Address	Contact Details	Signature
1	Savannah Designation Consultant	John von Meyer PO Box 147 Sunnyside 2157	Tel : Fax : Cell : 084 404 3673 E-mail : john@savannah.co.za	
2	Estom Designation Env Advisor - Senior	Lerato Motgwatheng	Tel : Fax : Cell : 084 580 6147 E-mail : motgw@estom.co.za	
3	Wolfesfontein Designation	J.P.P. STEYN	Tel : Fax : Cell : 084 506 7194 E-mail : wolfesfontein@gmail.com	
4	Springfontein Designation	G. H.P. Steyn	Tel : Fax : Cell : 084 512 5095 E-mail :	
5	Sustainable Futures 211 Designation Facilitator	Shawn Johnson	Tel : 0833259965 Fax : 086 510 2537 Cell : 0833259965 E-mail : swjohnston@mvw.co.za	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

---

**Savannah Environmental (Pty) Ltd**

**Contact:** Gabriele Wood

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

**Tel:** 011 656 3237

**Fax:** 086 684 0547

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

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### IMPACTED LANDOWNERS FOR THE SUBSTATION ALTERNATIVES

HELD ON  
12 MAY 2016

VENUE  
ANYSKOP, LANGEBAAN

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Anyskop, Langebaan

**Date:** 12 May 2016

**Time:** 10:00

### **WELCOME AND INTRODUCTION**

---

Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

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Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Lerato Mokgwatheng (LM)	Eskom – Project Manager
Bill Eloff (BE)	Consultant
Gavin Stigling (GS)	Landowner - Anyskop
Darryl Hunt (DH)	Consultant
Lizamarie Tolken (LT)	Farm Uyekraal
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

---

John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

---

Question / Comment	Response
GS: Why are the substation positions on three pieces of land. It makes it very difficult to deal with 3 title deeds. I am 100% shareholder on some of these properties and only 50% shareholder on others.	LM: When they were choosing the locations they went on site they looked at indicative sites only and they looked at drainage lines and sites where construction is not too difficult. This is not cast in stone. All this can be moved.
BE: There are options on some of these farm portions already. I will point them out on the map.  GS: Eskom has indicated that they will make available a site for a gas fired power station for open tender in this area as well.	JvM: Thank you. We can use this information to revised some of the locations of the substation.
GS: Why do the airforce base have issues with some of the alternatives	SJ: It is a height issue. The power line will be on the approach and take-off for the air base runways so some of the alternatives are not suitable, even though they are longer than 2km

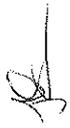
Question / Comment	Response
	away.
BE: There are a lot of issues to consider here. There may be pockets of indigenous protected vegetation as well.	SJ: Noted.
DH: There is a technical feasibility study ongoing at the moment for an IPP project in this area. We are in discussions but it is only conceptual at the moment. Eskom could install a power precinct in here with a 400kV substation and then make a 30 hectare site available for the IPP program and another 30 hectare site for their own generation projects. You can put power stations and substation in one area.	SJ: Thank you. Maybe Eskom distribution needs to have a meeting with you guys
DH: Some of these substations are right in the middle of the CBA area – is that a fatal flaw?	<p>SJ: That will be clarified once the new CBA maps are out.</p> <p>JvM: It is not a fatal flaw depending on the sensitivity of the vegetation.</p>
DH: Would the distribution substation be constructed if the transmission substation is not?	LM: We definitely need the distribution substation no matter what – the existing Blouwater substation is nearing the end of its life. The transmission substation site are required because of all the new development in the area. The distribution substation would be constructed regardless.
BE: There are several new road junctions being considered by the department of transport that may also interfere with these routes and substation positions.	SJ: We will consult with the provincial department of transport in the EIA phase.

## WAY FORWARD AND CLOSURE

---

Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Bay	Meeting	Meeting w/ landowners
Date	12/5/16	Time	10:00
		Venue	Styings Boardroom

Organisation	Name & Postal Address	Contact Details	Signature
1 Savannah Designation Consultant	JOHN VON MAYER 10 Box 162 Sunnyhill 2157	Tel : 011 656 3256 Fax : Cell : 084 603 673 E-mail : john@savannahSA.com	
2 Bill Eloff Designation CONSULTANT	Bill Eloff P.O. Box 2871 CAPE TOWN	Tel : Fax : Cell : 082 448 9767 E-mail : billeloff@vodanet.co.za	
3 Gavin Styling Designation Director	Gavin Styling Anyskop Farm VRBdenburg.	Tel : Fax : Cell : 083 456 2277 E-mail : gavsting@web.co.za	
4 Darryl Hunt Designation Consultant	Dynamic Energy Consultants 4 Starfish Way Atlantic Beach Estate Melkbosstrand	Tel : Fax : Cell : 082 804 3907 E-mail : darryl.hunt@telkomnet	
5 Escom Designation Senior Advisor - Env	Lesato Mobjwathbey	Tel : Fax : Cell : 084 580 6147 E-mail : mobjwalle@escom.co.za	

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Meeting		
Date	Time	Venue	
1	Sustainable Futures 2A Facilitator	Sharon Johnston	Tel : 083 325 9965 Fax : 086 510 2537 Cell : 083 325 9965 E-mail : <a href="mailto:swjohnston@mweb.co.za">swjohnston@mweb.co.za</a>
2	FGH Tolken Farm Uyetsoal (8941) Designation	Lizemare Tolken	Tel : 084 505 0885 Fax : 022 714 2000 Cell : 084 505 0885 E-mail : <a href="mailto:lize.tolken@gmail.com">lize.tolken@gmail.com</a>
3	Designation		Tel : Fax : Cell : E-mail :
4	Designation		Tel : Fax : Cell : E-mail :
5	Designation		Tel : Fax : Cell : E-mail :



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

---

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

**Contact:** Gabriele Wood

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

**Tel:** 011 656 3237

**Fax:** 086 684 0547

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

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### CAPE WEST COAST BIOSPHERE RESERVE & WEST COAST BIRD CLUB

HELD ON  
12 MAY 2016

VENUE  
R27 YZERFONTEIN

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** WC Biosphere Offices, Kuilsrivier

**Date:** 12 May 2016

**Time:** 13:00

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Keith Harrison (KH)	West Coast Bird Club
Ryno Pienaar (RP)	Cape West Coast Biosphere Reserve
Hedwig Slabig (HS)	Cape West Coast Biosphere Reserve
Sharon February (SF)	Cape West Coast Biosphere Reserve
Martin Halvorsen (MH)	Cape West Coast Biosphere Reserve
Lerato Mohgwatlweng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

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John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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Question / Comment	Response
HS: Why is the strengthening necessary? Someone from the IDZ came and told us there was still plenty of power in this area.	SJ: Eskom is planning for future need and the strengthening must be done now. There are lots of plans for this area.
HS: How wide is the total servitude going to be?	JvM: 110m. If it follows the existing five 132kV lines the total servitude in that corridor would be over 260m.
RP: Vegetation clearance is going to be an issue.	SJ: Noted.
MH: Eskom has their own idea with vegetation management for the whole country and it doesn't work that way. They tend not to listen to anybody.	JvM: Vegetation clearance and management will be addressed in the EMP which will be made available for review in the EIA phase of the project.
KH: Going back to the servitude – when it comes to working in there the contractors must use 90% local unskilled / semi-skilled labour. People	SJ: The contractor will usually be whoever wins the tender.

Question / Comment	Response
<p>have been trained on alien control. We don't want the contractors bringing in their crews.</p> <p>SF: And we don't want vehicles with foreign registrations.</p>	<p>JvM: We can put that as a stipulation in the EMPr.</p>
<p>SF: Who will be paying for this project? Are our taxes going to increase.</p>	<p>SJ: It is a national interest project and Eskom must find the money nationally.</p>
<p>MH: Environmental offsets. We always make similar points. Under the lines Eskom must adhere to certain principals but they don't always do that. They must appoint ECOs to monitor this.</p>	<p>SJ: ECOs can be appointed indecently – this is a requirement of the EA.</p>

## **WAY FORWARD AND CLOSURE**

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Bay	Meeting	W.C Biosphere
Date	12/5/16	Time	13:00
		Venue	Umsivle

Organisation	Name & Postal Address	Contact Details	Signature
1 Savannah Designation Consultant	John von Meyer	Tel : Fax : Cell : 086 604 3673 E-mail :	
2 WEST COAST BIRD CLUB Designation	KEITH HARRISON P.O. BOX 1404 VRETTION BURG 7380	Tel : 022-7133026 Fax : Cell : E-mail : KEITHHARRISON@LAND.CO.ZA	
3 CWCBR Designation Conservation Manager	Ryno Pender PO BOX 333 Darling 7345	Tel : 022-225 0050 Fax : Cell : 071 675 8355 E-mail : rynop@capebiosphere.co.za	
4 Bot Soc / Biosphere Designation	Hedwig Slabig PO Box 587 Vredenburg	Tel : 0731443560 Fax : Cell : E-mail : SlabigH@gmail.com	
5 Cape West Coast Biosphere Designation Chairman	Sharon February P.O. Box 1266 Saldanha 7395.	Tel : 022 125 6050 Fax : 022 714 4962 Cell : 0835362067 E-mail : info@capebiosphere.co.za	

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Meeting	Date	Venue
	Time		

Organisation	Name & Postal Address	Contact Details	Signature
1 Eskom Designation Senior Advisor - Env Director Planning Economic Dev + Mining Designation CWCBR	Leato Mokgwatlheng Mogwath Park Sunninghill Martin Haborsen CWCBR	Tel : Fax : Cell : 0845806147 E-mail : mkgwath@eskom.co.za Tel : Fax : Cell : 083 252 1020 E-mail : darlingwines@telkomsa.net	
3 Designation		Tel : Fax : Cell : E-mail :	
4 Designation		Tel : Fax : Cell : E-mail :	
5 Designation		Tel : Fax : Cell : E-mail :	



## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE

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

**Contact:** Gabriele Wood  
**Address:** PO Box 148  
Sunninghill, 2157  
**Tel:** 011 656 3237  
**Fax:** 086 684 0547  
**E-mail:** gabriele@savannahsa.com

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## SCOPING PHASE

### PUBLIC PARTICIPATION PROCESS

#### FOCUS GROUP MEETING

#### SOUTH AFRICAN NATIONAL PARKS

HELD ON  
12 MAY 2016

VENUE  
IPIC CENTRE, 1<sup>ST</sup> FLOOR, CNR BOTTELARY ROAD &  
AMANDEL DRIVE, KUILSRIVIER, CAPE TOWN

**Notes for the Record prepared by:**

**Savannah Environmental**

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

## **SALDANHA BAY NETWORK STRENGTHENING PROJECT, WESTERN CAPE PROVINCE**

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**Venue:** Ipic Centre, 1<sup>st</sup> Floor, Cnr. Bottelary Road & Amandel Drive, Kuilsriver, Cape Town  
**Date:** 12 May 2016  
**Time:** 16:30

### **WELCOME AND INTRODUCTION**

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Shawn Johnston of Sustainable Futures ZA welcomed all in attendance and introduced himself as the focus group meeting facilitator, assisting Savannah Environmental with the Environmental Impact Assessment process being undertaken for the Saldanha Bay Network Strengthening Project located within the Western Cape Province.

He noted that the project is being proposed by Eskom SOC Limited and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA process for the project. He stated that the scope of Saldanha Bay network strengthening project includes:

- » Construction of a new 400/132kV Transmission Substation in the Saldanha Bay area with a planned capacity of 3 x 500 MVA transformers. The transmission substation footprint will be 600m x 600m.
- » Construction of a new 132/66kV Distribution Substation near the current Blouwater Substation in the Saldanha Bay area. The distribution substation footprint will be 120m x 120m.
- » The construction of two 400kV power lines (approximately 35 - 40 km) from the Aurora Substation to the new proposed distribution and transmission substations. A servitude of 55m is required for each power line.
- » Replacing two of the four existing 250 MVA 400/132kV transformers with 2 x 500 MVA transformers at Aurora Substation.
- » Establishing 2 x 132 kV feeder bays around Aurora Substation.

Shawn Johnston explained that the proposed Distribution substation (Dx), Transmission substation (Tx) and power lines will be located in the Saldanha Bay area, approximately 130km north west of Cape Town, in the Western Cape Province. He thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft Scoping Report and project in general.

## MEETING ATTENDEES

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Name	Organisation & Position
Willem Louw (WL)	SANParks – Manger: Park Planning and Development
Lerato Mokgwathheng (LM)	Eskom – Project Manager
John von Mayer (JvM)	Savannah Environmental – Environmental Consultant
Shawn Johnston (SJ)	Sustainable Futures ZA – Process Facilitator

## APOLOGIES

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None

## PROJECT BACKGROUND

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John von Mayer presented the background and introduction to the project and provided an overview of the potential environmental impacts of the project identified in the draft Scoping Report. He presented the layout map indicating the power line alternatives (please refer to the attached layout map).

## DISCUSSION SESSION

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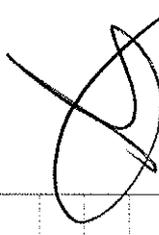
Question / Comment	Response
WL: Regarding power line alternative 1, it must be noted that the corridor falls within the West Coast National Park buffer zone (Farms 183, 180 and 179 and 190). Although the buffer zone has been accepted by the Minister in terms of Section 57 of the National Environmental Management: Protected Areas Act (Act No. 57 of 2003) (NEMPA) and it forms part of the West Coast National Management Plan, the buffer zone does not have any legal standing as it has not been declared.	Comment noted.
WL: SANParks would not be impacted by this project at this stage as it does not have a direct impact on the West Coast National Park.	Comment noted.

## **WAY FORWARD AND CLOSURE**

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Shawn Johnston stated that Interested and Affected Parties (I&APs) could submit their written comments on the Scoping Report and proposed project to Savannah Environmental by 18 March 2016. He noted that the comments received would be included in the final Scoping Report that would be submitted to the Department of Environmental Affairs. He thanked the meeting attendees for availing themselves for the meeting and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Saldanha Bay	Meeting	SAN Parks
Date	12/5/16	Venue	SAN Parks Office
	Time		
	16:00		

Organisation	Name & Postal Address	Contact Details	Signature
1 Savannah Designation Conservation	John van Meyer	Tel : Fax : Cell : 034 404 3073 E-mail :	
2 Eskom Designation Senior Manager - Env	Lerato Motgwathleng	Tel : Fax : Cell : 0845806147 E-mail : motgwathleng@eskom.co.za	
3 William Louw Designation	Manager, Park Management Dept SANParks Willem Louw@sanparks.org 021 980-9063	Tel : Fax : Cell : E-mail :	
4 Shawn Johnston Designation Facilitator	Sustainable Future SA	Tel : 0833259965 Fax : Cell : E-mail :	
5 Designation		Tel : Fax : Cell : E-mail :	