

Appendix 11: Meetings

Appendix 11A: Focus Group Meeting01 - Announcement Phase

Appendix 11B: Focus Group Meeting02 - Announcement Phase

Appendix 11C: Public Meeting 01

Appendix 11D: Public Meeting 02

Appendix 11E: Public Meeting 03

Appendix 11F: Focus Group Meeting 02

Appendix 11G: Focus Group Meeting 03

Appendix 11H: Authority Meeting 02

Appendix 11I: Focus Group Meeting 04

Appendix 11A: Focus Group Meeting01 - Announcement Phase

	Minutes of Focus Group Meeting 01	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	23 November 2017	Time:	10H00 – 11H30
Chairman:	K. Robertson	Venue:	Moved from Kismet Community Hall to Agri North West Office in Vryburg

Attendees	Organisation & Designation	Contact Number	Email
Sebenzile Vilakazi (SV)	EIA Manager	082 885 8114	VilakazS@eskom.co.za
Kristy Robertson (KR)	Project manager	072 769 2850	kristyr@nemai.co.za
Ruvishka Chetty (RC)	EAP	076 694 2913	ruvishkac@nemai.co.za
Christian van der Hoven (CvdH)	EAP	011 781 1730	christianvdhoven@nemai.co.za
Letta Maponyane (LM)	EAP	011 781 1730	leattam@nemai.co.za
Tonderayi Gumunyu (TG)	Grid Planner	011 800 6776	gumunyt@eskom.co.za
Gene de Villiers (GdV)	Agri Stella - Chairperson	082 389 9325	morester@webmail.co.za
Eric van Wyk (EvW)	Agri North West - Chairperson	082 389 9422	ebvanwyk@gmail.com
Queen Melato (QM)	Chief Engineer	072 523 5545 011 800 3950	melatope@eskom.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	KR welcomed everyone to the meeting.	-	-
1.2.	No apologies were noted.	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to Annexure 1 for a copy of the Attendance Register.	-	-
3.	Focus Group Meeting		
3.1.	KR explained that several Focus Group Meetings are being undertaken for the project. The approach is to discuss the concerns on a one-on-one level with specific groups affected by the proposed project.	-	-
3.2.	EvW stated that he as Chairman represents the Agri North West which is a Farmers Union for the North West province. GdV stated that he represents Agri Stella, which is the Farmers Union for the Stella area.	-	-
3.3.	QM provided a presentation on the proposed project description and motivation. KR provided a presentation for the proposed project and an overview on the Scoping and Environmental Impact Assessment (EIA) Process. Refer to Annexure 2 for a copy of the presentation.	-	-

Item	Details	Action	Target Date
3.4.	EvW stated that they understand the motivation/need or the proposed project and do not have any objections to the proposed powerline. However, the correct process must be undertaken for the project.	-	-
3.5.	The project team explained that a 2km corridor for each route alternative was being applied for as part of the Scoping and EIA Process because the current proposed centreline may have to shift as a result of factors such as findings of Specialist Studies; however, the centreline will still occur within the 2km corridor. The actual registered servitude for the powerline will only be 55m wide once the centreline and tower positions are selected. Therefore it was clarified that the 2km corridor was only being assessed but will not be cleared for the powerline.	-	-
3.6.	It was noted from the presentation that the Specialist Study of importance to Agri North West, would be the Agricultural Impact Assessment.	-	-
3.7.	EvW and GdV stated that many farms will be affected by the proposed powerline, for all route alternatives, and that they are willing to assist to ensure that all affected farmers are notified about the proposed project. KR explained that many properties along the alternative routes had no contact details from the Deeds Search undertaken. These farms were thus notified via the hand delivery of a Background Information Document (BID), however most people were not home. EvW requested the database of all affected properties from Nema Consulting, to compare with their own Agri North West Database of farmers. EvW offered to assist in providing the contact details of the farm properties that did not have any contact details.	KR to provide Database of Affected Properties EvW to provide contact details of farms	Circulation with the Minutes of the Meeting TBC
3.8.	The project team stated that it is beneficial for the farmers to register as an Interested and Affected Party (IAP) during the early stage of the project, even if they end up not being affected by the proposed alternative routes (this depends on which alternative route is selected during the EIA Phase).	-	-
3.9.	EvW stated that the possible main concerns that will be raised by the farmers in the area, will be that the proposed powerline should run parallel to the N18 road, so as to not traverse and divide up their properties. Another concern by the farmers would be queries about whether their current farming practices can still occur within the registered powerline servitude.	KR to include concerns in the Scoping and EIA Reports	TBC
3.10.	EvW requested to be consulted when Specialists or members of the project team plan to visit the sites so that they can be aware if anyone will require access to a farmers land, and also to ensure that all farmers are notified of the visit.	KR to inform Specialists	TBC
3.11.	KR enquired about suitable times and locations for the public meetings to take place during the Scoping and EIA phases. EvW stated that they can assist with suggesting locations for the meetings along the powerline routes, and that the meetings during the day would be suitable for the farmers (preferably from 11H00 or 14H00).	KR to note when organising public meetings	TBC
4.	Closure and Way forward		

Item	Details	Action	Target Date
4.1.	KR to provide the Database of Affected Properties to EvW.	KR	Circulation with the Minutes of the Meeting
4.2.	Meeting was closed at 11H30.	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemai Consulting

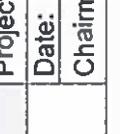
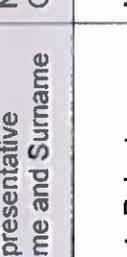


Kristy Robertson

14 December 2017

Annexure 1

	Focus Group Meeting 01		Project Name: Mookodi-Mafikeng 400kV Line	Queries: Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nemai.co.za
	Client  Eskom	Project Number: 10645	Date: 23 November 2017	Time: 10H00-11H00
	Chairman: K. Robertson	Venue: Kismet Community Hall		

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Project Leader	+27 11 781 1730 072 769 2850 kristyr@nemai.co.za	147 Bram Fischer Driver, Fermdale	
Ruvishka Chetty	Nemai Consulting	EAP	+27 11 781 1730 ruvishkac@nemai.co.za	147 Bram Fischer Driver, Fermdale	
Christian van der Hoven	Nemai Consulting	EAP	+27 11 781 1730 christianvdhoven@nemai.co.za	147 Bram Fischer Driver, Fermdale	
Letta Maponyane	Nemai Consulting	EAP	+27 11 781 1730 lettam@nemai.co.za	147 Bram Fischer Driver, Fermdale	
Tonderayi Gumunyani SEBENZIDE VILAKAZI	Eskom	Grid Planner	011 800 6776 gumunyt@eskom.co.za	Eskom Head office Maxwell/Witkoppen Rd Gauteng	
Gene de Villien	ESKOM HOLDINGS	EIA PROJ MANAGER	011 800 4902 082 885 8114 VILAKAZI@ESKOM.CO.ZA	1 MAXWELL DRIVE SUNNINGHILL	
Eric Van Nijf	Agri Stella Agri North West	Chairperson Electrical	082 389 9325 morester@webmail.co.za 0823899422 ebknyyk@gmail.com	morester Stella P.O. Box 117 Maree	



Focus Group Meeting 01

Client



Project Name:

Mookodi-Mafikeng 400kV Line

Project Number:

10645

Date:

23 November 2017

Chairman:

K. Robertson

Queries:

Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyl@nemai.co.za

Time:

10H00-11H00

Venue:

Kismet Community Hall

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Queen Mielgo	Eskom	Chief Engineer	+27 11 800 3950 +27 72 583 5545 melagope@eskom.co.za		

Annexure 2

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Focus Group Meeting

23 November 2017



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Focus Group Meeting
4. Project Overview
5. Environmental Assessment Process
6. Questions

Welcome

Thank you for your time and for attending the
Focus Group Meeting!

26.10.2017 13:24

Focus Group Meeting

23 November 2017

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Consultants

Representative	Responsibility	Organisation
Ruvishka Chetty	Environmental Assessment Practitioner	
Letta Maponyane	Socio-Economic Representative	
Christian van der Hoven	Environmental Assessment Practitioner	
Kristy Robertson	Project Manager	

Focus Group Meeting

23 November 2017

Slide #4

Purpose of the Focus Group Meeting

- To introduce the project team
- To provide an introduction and background to the proposed project
- To discuss the Environmental Authorisation Process
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project
- To outline the way forward for the Scoping & EIA Process

Focus Group Meeting

23 November 2017

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Focus Group Meeting

23 November 2017

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 160km Pluto – Mahikeng 400kV line will be established (this will undergo a separate EIA Process)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Project Overview

Project Description

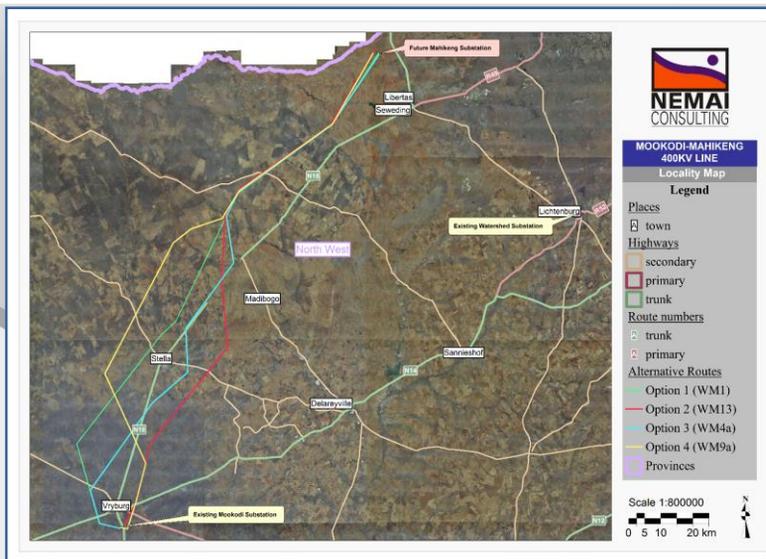
- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site
- A 2km servitude for each route alternative applies (1km on each side) \rightarrow this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements

Focus Group Meeting

23 November 2017

Slide #9

Project Overview – Location

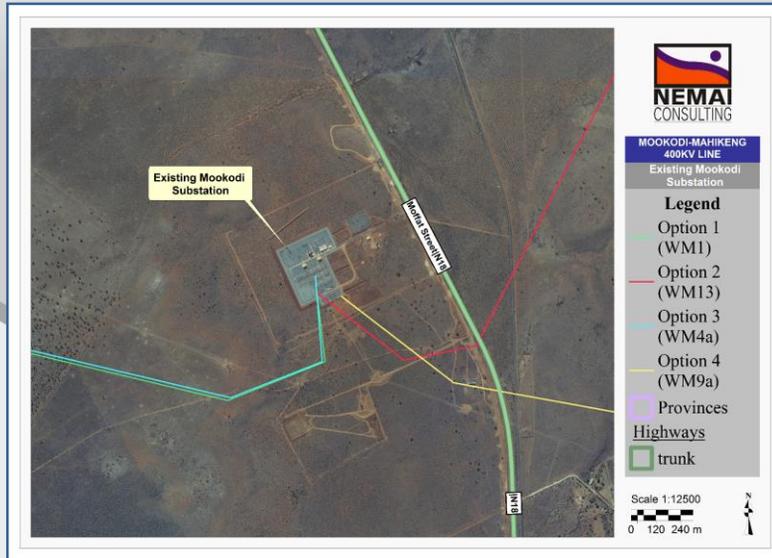


Focus Group Meeting

23 November 2017

Slide #10

Project Overview – Location

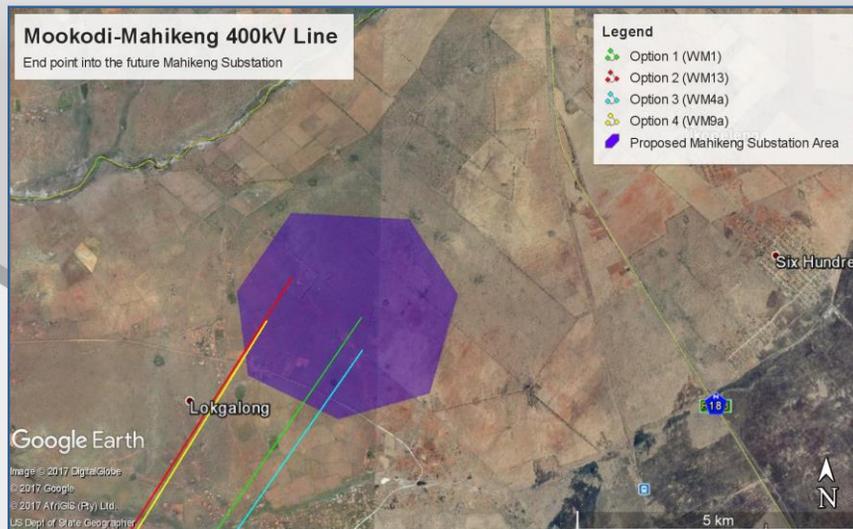


Focus Group Meeting

23 November 2017

Slide #11

Project Overview – Location



Focus Group Meeting

23 November 2017

Slide #12

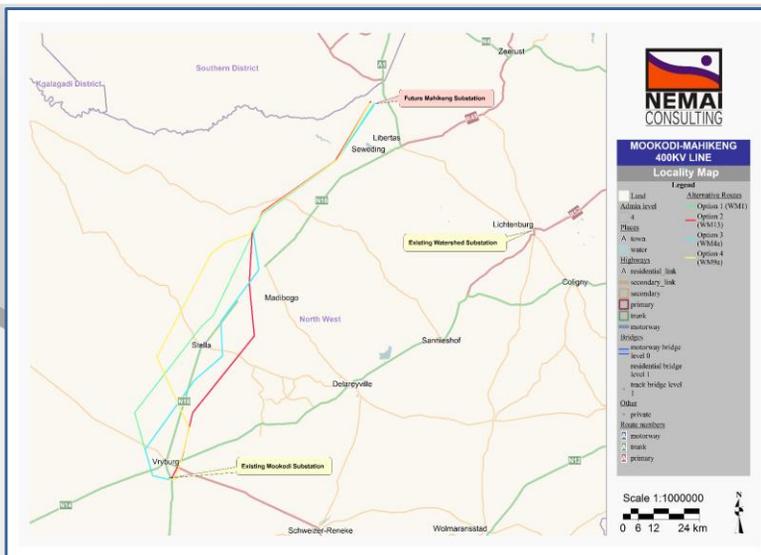
Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Project Overview – Alternatives



Environmental Assessment Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

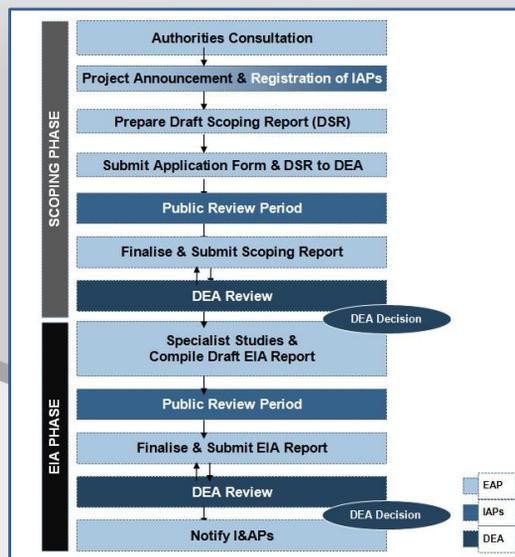
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Focus Group Meeting

23 November 2017

Slide #15

Environmental Assessment Process



Focus Group Meeting

23 November 2017

Slide #16

Environmental Assessment Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Focus Group Meeting

23 November 2017

Slide #17

Environmental Assessment Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Focus Group Meeting

23 November 2017

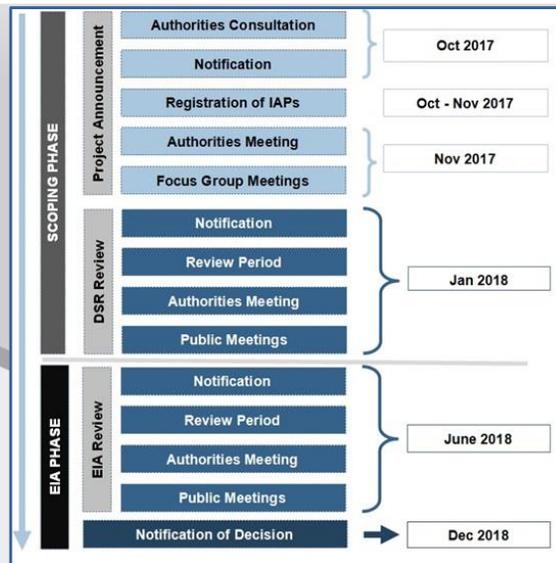
Slide #18

Environmental Assessment Process

Specialist Studies

- Terrestrial Ecological Assessment
- Avifaunal Impact Assessment
- Heritage Impact Assessment
- Aquatic and Wetland Assessment
- Agricultural Impact Assessment
- Visual Impact Assessment
- Social Impact Assessment
- Economic Assessment

Public Participation Process



Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents
 - Focus Group Meetings

Focus Group Meeting

23 November 2017

Slide #21

Public Participation Process

Ntate Direko is no more

HERBALIST SPECIALIST CHIEF. MUNTU

NOTICE OF ENVIRONMENTAL ASSESSMENT PROCESS FOR THE PROPOSED WAPONA RIVER POWER LINE WITHIN NORTHERN CAPE PROVINCE

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Chapman Coetzee, Billings
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Northwest Golf News

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Agriculture

Focus Group Meeting

23 November 2017

Slide #22

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #23

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #24

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #25

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #26

Public Participation Process

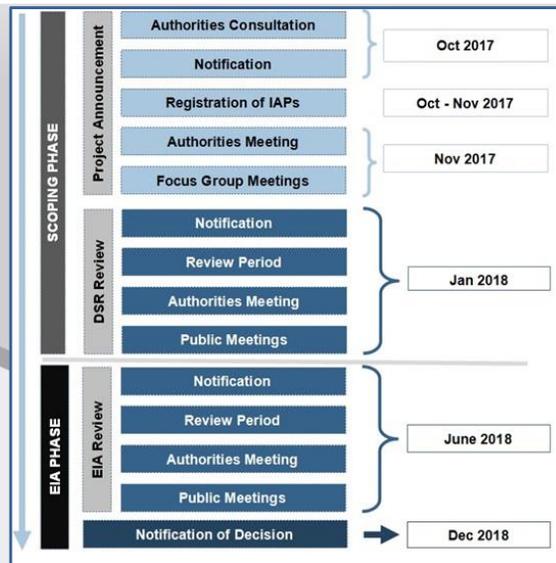
- Registered IAPs will be added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Focus Group Meeting

23 November 2017

Slide #27

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #28

Questions?

Thank you for your time and for attending the
Focus Group Meeting!

26.10.2017 13:24

Focus Group Meeting

23 November 2017

Appendix 11B: Focus Group Meeting02 - Announcement Phase

	Minutes of Focus Group Meeting 02	Queries:	Kristy Robertson ☎ 011 781 1730 📠 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	23 November 2017	Time:	12H00 – 13H00
Chairman:	K. Robertson	Venue:	Kismet Community Hall

Attendees	Organisation & Designation	Contact Number	Email
Kristy Robertson (KR)	Nemai - EAP	072 769 2850	kristyr@nemai.co.za
Ruvishka Chetty (RC)	Nemai - EAP	076 694 2913	ruvishkac@nemai.co.za
Christian van der Hoven (CvdH)	Nemai - EAP	011 781 1730	christianvdh@nemai.co.za
Letta Maponyane (LM)	Nemai - Socio-Economic	011 781 1730	lettam@nemai.co.za
D. T. van Rensburg (DTvR)	Landowner	082 809 8841	dail@lantic.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	CvdH welcomed everyone to the meeting.	-	-
1.2.	No apologies were noted.	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to Annexure 1 for a copy of the Attendance Register.	-	-
3.	Focus Group Meeting		
3.1.	CvdH explained that several Focus Group Meetings are being undertaken for the project. The approach is to discuss the concerns on a one-on-one level with specific groups affected by the proposed project.	-	-
3.2.	DTvR stated that he owns several farm portions (Dublin Farm) near Stella and is affected by Route Alternative 4 (WM9a). CvdH stated that Nemai Consulting will provide maps of DTvR's properties in relation to the proposed powerline route alternatives, to show exactly how the Route Alternative 4 affects DTvR's farms. DTvR confirmed that he did not own Westend Farm 537.	CvdH	Circulation with the Minutes of the Meeting
3.3.	CvdH provided a presentation of the proposed project and an overview on the Scoping and Environmental Impact Assessment (EIA) Process. Refer to Annexure 2 for a copy of the presentation.	-	-

Item	Details	Action	Target Date
3.4.	CvdH explained that a 2km corridor for each route alternative was being applied for as part of the Scoping and EIA Process, because the current proposed centreline may have to shift as a result of factors such as findings of Specialist Studies; however, the centreline will still occur within the 2km corridor. The actual registered servitude for the powerline will only be 55m wide once the centreline and tower positions are selected. Therefore it was clarified that the 2km corridor was only being assessed as part of the Scoping and EIA Process, however will not be cleared for the powerline.	-	-
3.5.	DTvR stated that his main concern is that the proposed powerline route alternative would impact the visual aesthetics of his farm which consists of a Game Lodge (affects tourism and land value). DTvR stated that the powerline should run near the N18 and therefore supports the other three route alternatives.	KR to include concerns in the Scoping and EIA Reports	TBC
3.6.	DTvR stated that another concern was the impact that EMF from the powerlines would have on his cattle, as stud farming consists on his properties.		
3.7.	CvdH informed DTvR that he will be consulted when Specialists or members of the project team plan to visit the sites so that they can be aware if anyone will require access to his property.	KR to inform Specialists	TBC
3.8.	CvdH stated that DTvR would be invited to all the public meetings in future.	-	-
4.	Closure and Way forward		
4.1.	CvdH to provide maps to DTvR.	CvdH	Circulation with the Minutes of the Meeting
4.2.	Meeting was closed at 13H00.	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemai Consulting

Kristy Robertson

14 December 2017

Annexure 1

	Focus Group Meeting 02		Project Name: Mookodi-Mafikeng 400kV Line	Kristy Robertson ☎ +27 11 781 1730 📧 +27 11 781 1731 ✉ kristyr@nemail.co.za
	Client  Eskom	Project Number: 10645	Date: 23 November 2017	Queries:
	Chairman: K. Robertson		Time: 11H00-12H00	
			Venue: Kismet Community Hall	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Project Leader	☎ +27 11 781 1730 📞 072 769 2850 ✉ kristyr@nemail.co.za	147 Bram Fischer Driver, Ferndale	
Ruvishka Chetty	Nemai Consulting	EAP	☎ +27 11 781 1730 ✉ ruvishkac@nemail.co.za	147 Bram Fischer Driver, Ferndale	
Christian van der Hoven	Nemai Consulting	EAP	☎ +27 11 781 1730 ✉ christianvdhoven@nemail.co.za	147 Bram Fischer Driver, Ferndale	
Letta Maonyane	Nemai Consulting	EAP	☎ +27 11 781 1730 ✉ lettam@nemail.co.za	147 Bram Fischer Driver, Ferndale	<i>[Signature]</i>
A.T VAN RENSBURG DAIL		LAND OWNER	☎ 082 809 8841 ✉ dail@lentic.net	Box 1127, DEERSTVILLE 2770	<i>[Signature]</i>

Annexure 2

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Focus Group Meeting

23 November 2017



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Focus Group Meeting
4. Project Overview
5. Environmental Assessment Process
6. Questions

Welcome

Thank you for your time and for attending the
Focus Group Meeting!

26.10.2017 13:24

Focus Group Meeting

23 November 2017

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Consultants

Representative	Responsibility	Organisation
Ruvishka Chetty	Environmental Assessment Practitioner	
Letta Maponyane	Socio-Economic Representative	
Christian van der Hoven	Environmental Assessment Practitioner	
Kristy Robertson	Project Manager	

Focus Group Meeting

23 November 2017

Slide #4

Purpose of the Focus Group Meeting

- To introduce the project team
- To provide an introduction and background to the proposed project
- To discuss the Environmental Authorisation Process
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project
- To outline the way forward for the Scoping & EIA Process

Focus Group Meeting

23 November 2017

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Focus Group Meeting

23 November 2017

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 160km Pluto – Mahikeng 400kV line will be established (this will undergo a separate EIA Process)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Project Overview

Project Description

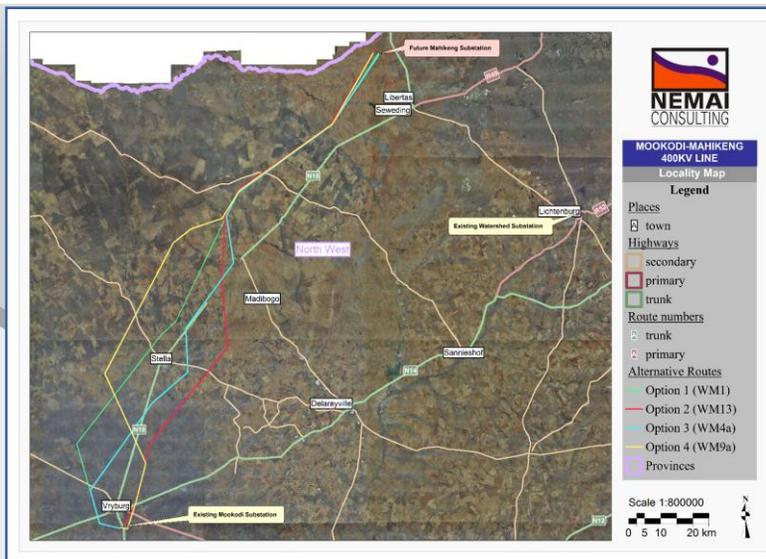
- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site
- A 2km servitude for each route alternative applies (1km on each side) \rightarrow this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements

Focus Group Meeting

23 November 2017

Slide #9

Project Overview – Location

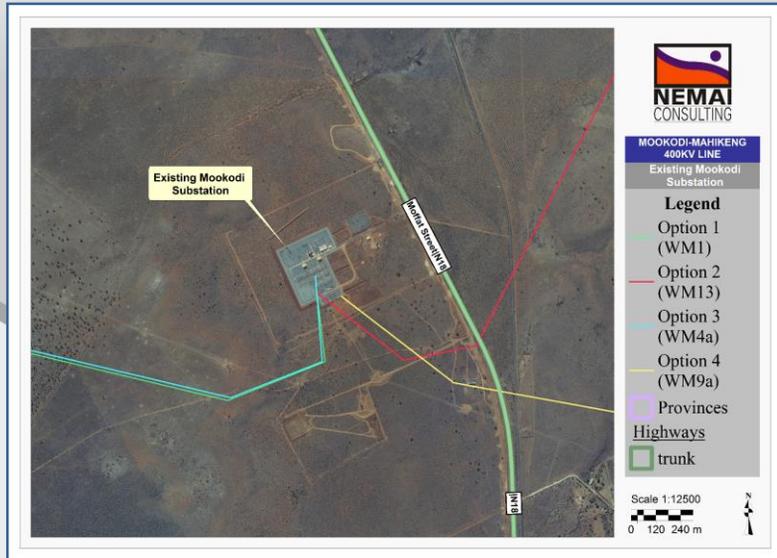


Focus Group Meeting

23 November 2017

Slide #10

Project Overview – Location

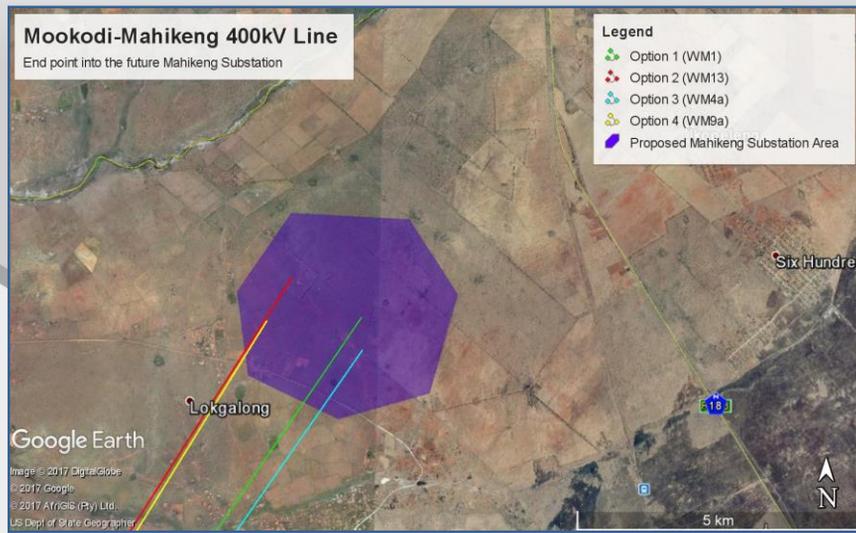


Focus Group Meeting

23 November 2017

Slide #11

Project Overview – Location



Focus Group Meeting

23 November 2017

Slide #12

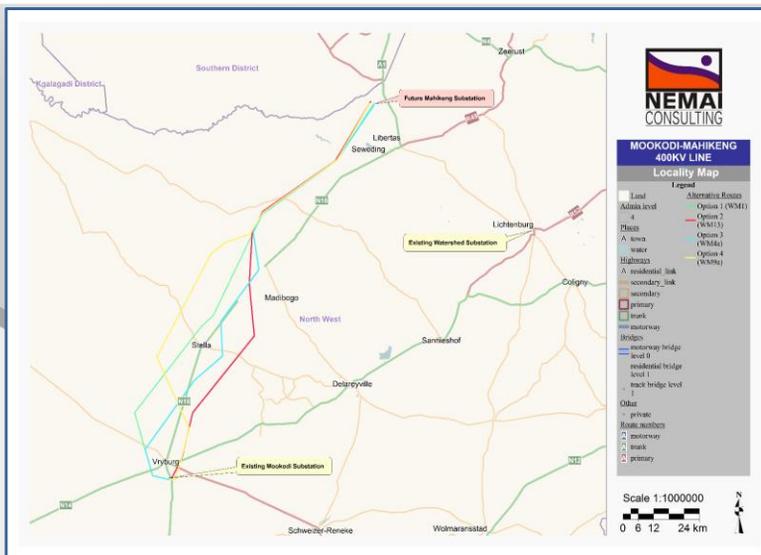
Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Project Overview – Alternatives



Environmental Assessment Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

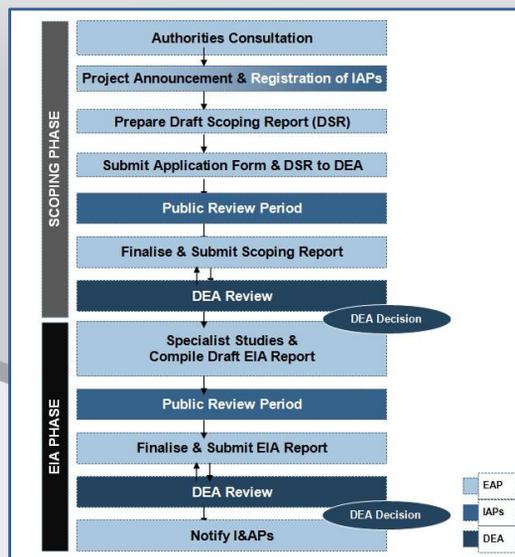
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Focus Group Meeting

23 November 2017

Slide #15

Environmental Assessment Process



Focus Group Meeting

23 November 2017

Slide #16

Environmental Assessment Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Focus Group Meeting

23 November 2017

Slide #17

Environmental Assessment Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Focus Group Meeting

23 November 2017

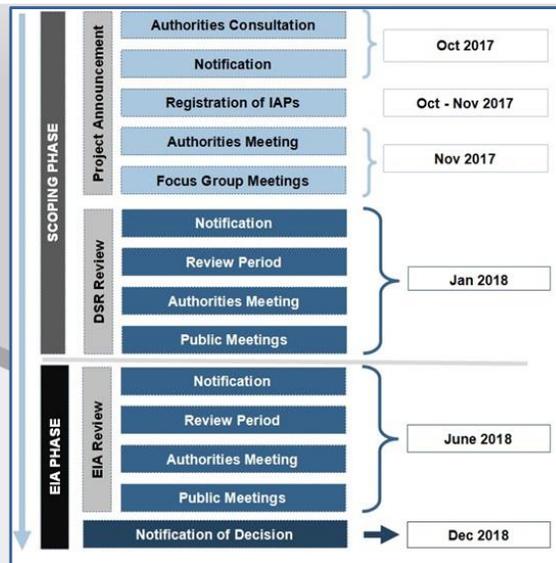
Slide #18

Environmental Assessment Process

Specialist Studies

- Terrestrial Ecological Assessment
- Avifaunal Impact Assessment
- Heritage Impact Assessment
- Aquatic and Wetland Assessment
- Agricultural Impact Assessment
- Visual Impact Assessment
- Social Impact Assessment
- Economic Assessment

Public Participation Process



Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents
 - Focus Group Meetings

Focus Group Meeting

23 November 2017

Slide #21

Public Participation Process

Ntate Direko is no more

HERBALIST SPECIALIST CHIEF. MUNTU

NOTICE OF ENVIRONMENTAL ASSESSMENT PROCESS FOR THE PROPOSED WAPONA RIVER POWER LINE

016 281 4748

Dulux

WEATHER RESISTANT STEEL HOUSING

WE ALSO DO BLINDS!

ANY COLOUR YOU CAN THINK OF!!

Northwest Golf News

VEILING -PLASE (234 ko)

OTTOSDAL

WEDSDAG, 1 NOVEMBER 2017 OM 11:00

to place KARBUL

MARAS TRACTOR & IMPLEMENTS

MANUFACTURER OF TRACTOR CARPETS

Northwest Golf News

VEILING -PLASE (234 ko)

OTTOSDAL

WEDSDAG, 1 NOVEMBER 2017 OM 11:00

to place KARBUL

MARAS TRACTOR & IMPLEMENTS

MANUFACTURER OF TRACTOR CARPETS

Focus Group Meeting

23 November 2017

Slide #22

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #23

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #24

Public Participation Process



Focus Group Meeting

23 November 2017

Slide #25

Public Participation Process



Focus Group Meeting

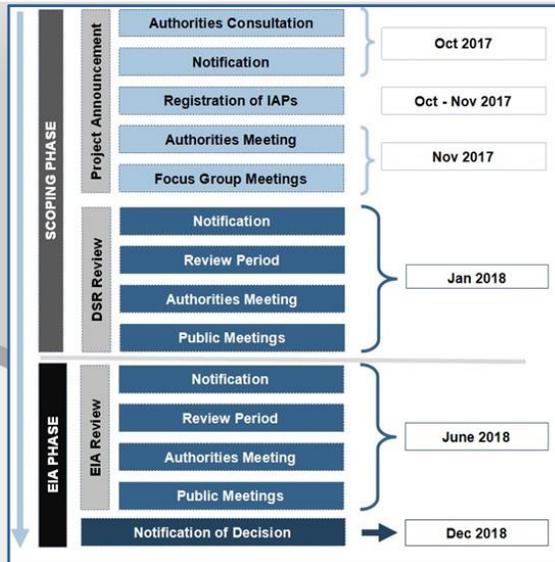
23 November 2017

Slide #26

Public Participation Process

- Registered IAPs will be added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Participation Process



Questions?

Thank you for your time and for attending the
Focus Group Meeting!

26.10.2017 13:24

Focus Group Meeting

23 November 2017

Appendix 11C: Public Meeting 01

	Minutes of Public Meeting 01	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	05 March 2018	Time:	11H00-13H00
Chairman:	K. Robertson	Venue:	Mmabana Arts and Culture Foundation, Mahikeng

Attendees	Organisation & Designation	Contact Number	Email
Sebenzile Vilakazi (SV)	Environmental Manager	082 885 8114	VilakazS@eskom.co.za
Kristy Robertson (KR)	Environmental	072 769 2850	kristyr@nemai.co.za
Donavan Henning (DH)	Facilitator	076 694 2913	donavanhnemai.co.za
Olebogeng Modibane (OM)	Environmental	011 781 1730	olebogengm@nemai.co.za
J. S. Manyedi (JSM)	Kopanelo Farming CC	071 492 5755 082 202 0424 (Eva)	-

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	DH welcomed everyone to the meeting.	-	-
1.2.	Apologies were noted for Queen Melato (Eskom Grid Planner).	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the Attendance Register.	-	-
3.	Purpose of the Public Meeting		
3.1.	DH stated that the purposed of the public meeting was as follows: <ul style="list-style-type: none"> To introduce the project team; To provide an introduction and background to the proposed project; To discuss the Environmental Authorisation Process; To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and To outline the way forward for the Scoping & EIA Process. 	-	-
4.	Project Overview		
4.1.	KR provided an overview of the proposed project description and motivation. Refer to <i>Annexure 2</i> for a copy of the presentation.	-	-
5.	Environmental Authorisation Process		
5.1.	KR provided an overview of the Scoping and Environmental Impact Assessment (EIA) Process. Refer to <i>Annexure 2</i> for a copy of the presentation.	-	-

Item	Details	Action	Target Date
6.	Questions		
6.1.	JSM stated that he owns land on Farm Heath 202 JO. JSM requested KR to contact his wife Eva to get the exact portion of the farm so that Nemaï can map his property to show how JSM is affected by the proposed powerline alternative options.	Nemaï to contact Eva Manyedi for property details	TBC
6.2.	JSM stated that he has had historic problems with Eskom where they have cut off his power. JSM stated that he wants to put a solar panel on his farm because of the problems he has had previously with Eskom. DH explained that the proposed project falls outside of the scope to address the problem raised by JSM; however, SV provided the Eskom Call Centre Number to JSM to contact to report the issue. JSM stated that he understood the scope of work for this proposed project.	-	-
6.3.	JSM enquired if the proposed powerline will provide power to his farm. SV stated that the proposed powerline is 400kV and therefore it cannot transmit such high power voltage to households such as farms, as these powerlines are usually 88kV/11kV powerlines that come from substations where the power voltage has been reduced.	-	-
7.	Closure and Way forward		
7.1.	JSM requested Nemaï to send the powerpoint presentation to his wife (Eva Manyedi) for further comments and thanked everyone for their time.	Nemaï to send the powerpoint presentation and minutes of the meeting to JSM's wife (Eva Manyedi) to provide further comments.	TBC
7.2.	Meeting was closed at 12H00.	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemaï Consulting

Kristy Robertson

13 March 2018

Annexure 1 - Attendance Register

 NEMAI CONSULTING	Public Meeting 01		Project Name: Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za
	Client 	Project Number: 10645	Date: 05 March 2018	Queries:
	Chairman: D. Henning		Time: 11H00-13H00	
			Venue: Mmabana Arts and Culture Foundation	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nema.co.za	147 Bram Fischer Driver, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nema.co.za	147 Bram Fischer Driver, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
J.S. MAMYEEDI KEPANELO F.C.C.			0714925755 J.S. 0822020424 EVA.	Heath Farm	

Annexure 2 - Presentation

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Public Meeting

March 2018



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Public Meeting
4. Project Overview
5. Environmental Authorisation Process
6. Questions

Welcome

Thank you for your time and for attending the
Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Environmental Consultants

Representative	Responsibility	Organisation
Donavan Henning	Facilitator	
Olebogeng Modibane	Public Participation	
Kristy Robertson	Environmental Assessment Practitioner	

Public Meeting

March 2018

Slide #4

Purpose of the Public Meeting

- To introduce the project team;
- To provide an introduction and background to the proposed project;
- To discuss the Environmental Authorisation Process;
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and
- To outline the way forward for the Scoping & EIA Process.

Public Meeting

March 2018

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Public Meeting

March 2018

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 250km Pluto – Mahikeng 400kV line will be established (currently undergoing a separate EIA Process – in Scoping Phase)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Public Meeting

March 2018

Slide #7

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Public Meeting

March 2018

Slide #8

Project Overview

Project Description

- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site

Public Meeting

March 2018

Slide #9

Project Overview

Project Description

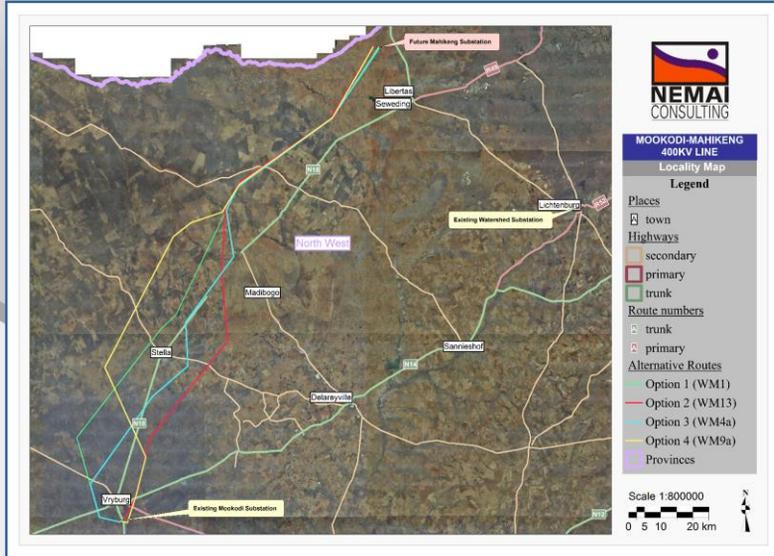
- A 2km servitude for each route alternative applies (1km on each side) → this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements
 - The actual Eskom servitude will be 55m in total

Public Meeting

March 2018

Slide #10

Project Overview – Location

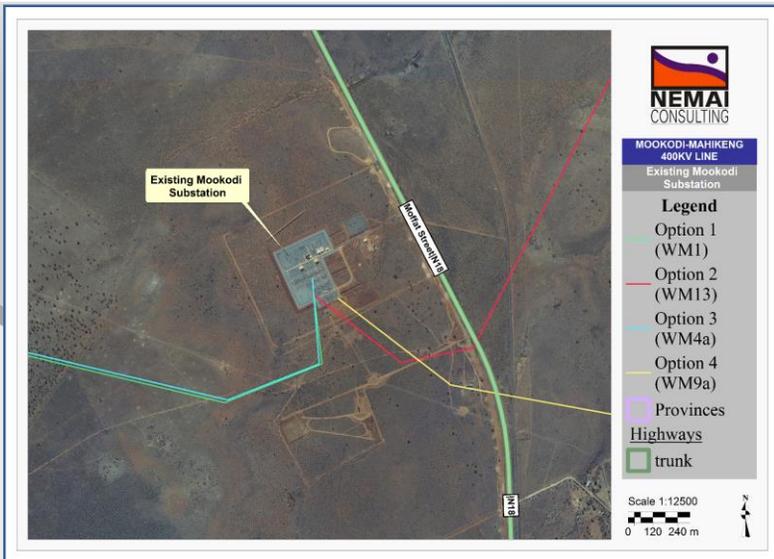


Public Meeting

March 2018

Slide #11

Project Overview – Location

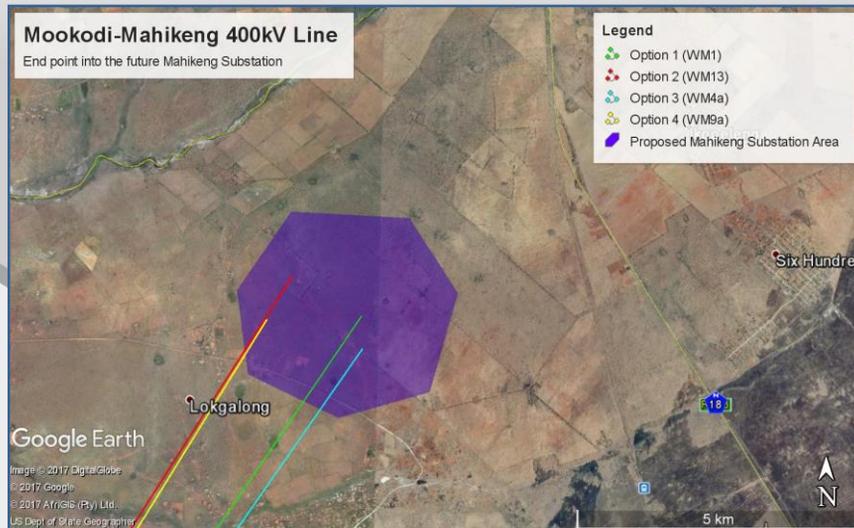


Public Meeting

March 2018

Slide #12

Project Overview – Location



Public Meeting

March 2018

Slide #13

Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

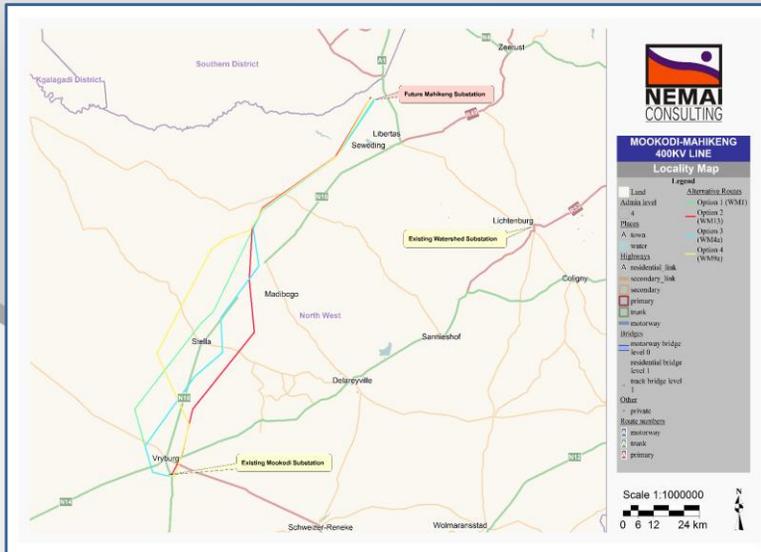
1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Public Meeting

March 2018

Slide #14

Project Overview – Alternatives



Public Meeting

March 2018

Slide #15

Environmental Authorisation Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

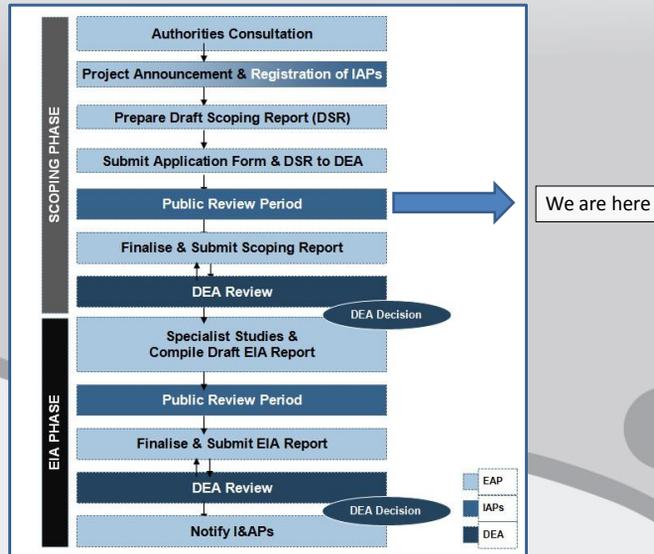
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Public Meeting

March 2018

Slide #16

Environmental Authorisation Process



Public Meeting

March 2018

Slide #17

Environmental Authorisation Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Public Meeting

March 2018

Slide #18

Environmental Authorisation Process

Legislation Considered

- Constitution of the Republic of South Africa (Act No. 108 of 1996)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
- National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)
- National Environmental Management: Air Quality Act (Act No. 39 of 2004)
- National Environmental Management: Waste Act (Act No. 59 of 2008)
- Hazardous Substances Act (Act No. 05 of 1973)
- Occupational Health & Safety Act (Act No. 85 of 1993)
- National Heritage Resources Act (Act No. 25 of 1999)
- Conservation of Agricultural Resources Act (Act No. 43 of 1983)
- National Forestry Act (Act No. 84 of 1998)
- Minerals and Petroleum Resources Development Act (Act No. 28 of 2002)

Public Meeting

March 2018

Slide #19

Environmental Authorisation Process

Profile of the Receiving Environment

- Geology and Soil
- Surface Water
- Terrestrial Ecology
- Land Capability and Land Use
- Heritage
- Air Quality
- Noise
- Topography and Visual Quality
- Traffic
- Socio-Economic

Public Meeting

March 2018

Slide #20

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> • Unsuitable geological conditions • Blasting (if required) 	<ul style="list-style-type: none"> • Geotechnical Study • EMPr
Soil	<ul style="list-style-type: none"> • Soil erosion • Soil contamination 	<ul style="list-style-type: none"> • EMPr
Topography	<ul style="list-style-type: none"> • Visual impact • Crossing topographic features (watercourses) • Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Surface Water	<ul style="list-style-type: none"> • Surface water pollution due to spillages and poor construction practices • Encroachment of construction activities into riparian zones / wetlands • Impacts where the powerline crosses watercourses, such as: • Loss of riparian and instream vegetation within construction domain • Destabilisation of banks of watercourses • Sedimentation 	<ul style="list-style-type: none"> • River Health Impact Assessment and Wetland/Riparian Habitat Delineation • 1:100 Year Floodline Analysis • EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> • Impacts to sensitive terrestrial ecological features • Potential loss of significant flora and fauna species • Damage / clearance of habitat of conservation importance in construction domain • Proliferation of exotic vegetation 	<ul style="list-style-type: none"> • Terrestrial Ecological Assessment • Avifauna Impact Assessment • Search, Rescue and Relocation Plan of Flora/Fauna, if necessary • EMPr

Public Meeting

March 2018

Slide #21

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Capability	<ul style="list-style-type: none"> • Loss of cultivated land within construction domain • Loss of grazing land within construction domain • Risk to livestock and game from construction activities • Disruptions to farming operations • Loss of fertile soil through land clearance 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-Economic Impact Assessment • EMPr
Land Use	<ul style="list-style-type: none"> • Loss of land used for agriculture • Servitude restrictions 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-economic Impact Assessment • EMPr
Heritage	<ul style="list-style-type: none"> • Possible disturbance and destruction of heritage resources 	<ul style="list-style-type: none"> • Phase 1 Heritage Impact Assessment • EMPr
Air Quality	<ul style="list-style-type: none"> • Excessive dust levels • Greenhouse gas emissions 	<ul style="list-style-type: none"> • EMPr
Noise	<ul style="list-style-type: none"> • Localised increases in noise during construction 	<ul style="list-style-type: none"> • EMPr
Traffic	<ul style="list-style-type: none"> • Increase in traffic on the local road network • Risks to road users 	<ul style="list-style-type: none"> • EMPr
Visual Quality	<ul style="list-style-type: none"> • Visual quality and sense of place to be adversely affected by construction activities 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> • Loss of land within construction domain • Risk to livestock and game from construction activities • Nuisance from dust and noise • Influx of people seeking employment and associated impacts (e.g. foreign workforce, cultural conflicts, squatting, demographic changes, anti-social behaviour, and incidence of HIV/AIDS) • Safety and security • Use of local road network 	<ul style="list-style-type: none"> • Socio-Economic Impact Assessment • Economic Impact Assessment • EMPr

Public Meeting

March 2018

Slide #22

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> Unsuitable geological conditions – risks to structural integrity of towers 	<ul style="list-style-type: none"> Geotechnical Study EMPr
Soil	<ul style="list-style-type: none"> Soil erosion at areas that were not suitably reinstated and rehabilitated 	<ul style="list-style-type: none"> EMPr
Topography	<ul style="list-style-type: none"> Visual impact Crossing topographic features (watercourses) Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Surface Water	<ul style="list-style-type: none"> Damage to towers from major flood events Impacts to characteristics of riparian zones and wetlands at areas where they are encroached upon by the project footprint 	<ul style="list-style-type: none"> River Health Impact Assessment and Wetland/Riparian Habitat Delineation 1:100 Year Floodline Analysis EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> Encroachment by exotic species through inadequate eradication programme Clearing of vegetation along servitude and maintenance road Risk to birds from collision with infrastructure and from electrocution 	<ul style="list-style-type: none"> Terrestrial Ecological Assessment Avifauna Impact Assessment Search, Rescue and Relocation Plan of Flora/Fauna, if necessary EMPr
Land Capability	<ul style="list-style-type: none"> Permanent loss of cultivated and grazing land within project footprint Loss of livestock and game through improper access control 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-Economic Impact Assessment EMPr

Public Meeting

March 2018

Slide #23

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Use	<ul style="list-style-type: none"> Loss of land used for agriculture Servitude restrictions 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-economic Impact Assessment EMPr
Traffic	<ul style="list-style-type: none"> Use of permanent access and maintenance roads 	<ul style="list-style-type: none"> EMPr
Visual Quality	<ul style="list-style-type: none"> High visibility of transmission lines Inadequate reinstatement and rehabilitation of construction footprint 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> Use of local road network for operation and maintenance purposes Safety and security issues through improper access control during inspections and maintenance activities Threats to human and animal health from EMF 	<ul style="list-style-type: none"> Socio-economic Impact Assessment Economic Impact Assessment Compensation EMPr

Public Meeting

March 2018

Slide #24

Environmental Authorisation Process

Specialist Studies

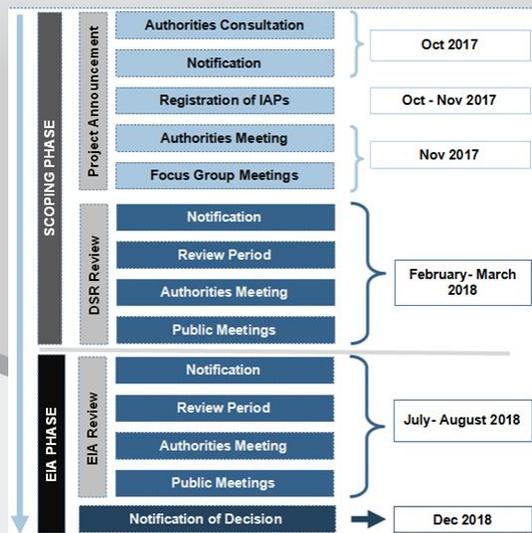
- Technical Study – Geotechnical Study
- Environmental –
 - Terrestrial Ecological Assessment
 - Avifaunal Impact Assessment
 - Heritage Impact Assessment
 - Aquatic and Wetland Assessment
 - Agricultural Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Economic Assessment

Public Meeting

March 2018

Slide #25

Public Participation Process



Public Meeting

March 2018

Slide #26

Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents (BIDs)
 - Focus Group Meetings
- Draft Scoping Report Review Period (12 February to 13 March 2018)
 - Site Notices
 - BIDs
 - Public Meetings

Public Meeting

March 2018

Slide #27

Public Participation Process



Public Meeting

March 2018

Slide #28

Public Participation Process



Public Meeting

March 2018

Slide #29

Public Participation Process



Public Meeting

March 2018

Slide #30

Public Participation Process



Public Meeting

March 2018

Slide #31

Public Participation Process



Public Meeting

March 2018

Slide #32

Public Participation Process

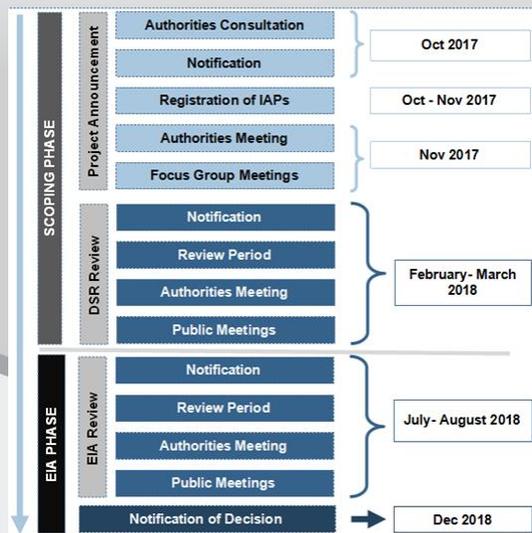
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation (**We are here**)
 - 30-Day Review Period
 - Public Meeting

Public Meeting

March 2018

Slide #33

Public Participation Process



Public Meeting

March 2018

Slide #34

Environmental Authorisation Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Public Meeting

March 2018

Slide #35

Environmental Authorisation Process

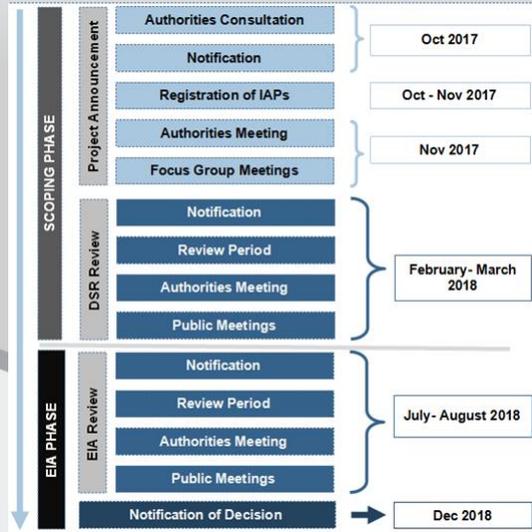
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Meeting

March 2018

Slide #36

Environmental Authorisation Process



Public Meeting

March 2018

Slide #37

Questions?

Thank you for your time and for attending the Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Appendix 11D: Public Meeting 02

	Minutes of Public Meeting 02	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi- Mahikeng 400kV Powerline
		Project Number:	1645
Date:	05/03/2018	Time:	17H00-18H00
Chairman:	K Robertson	Venue:	Setlagole Multi-Purpose Centre

Attendees	Organisation & Designation	Contact Number	Email
Sebenzile Vilakazi (SV)	Environmental Manager	082 885 8114	VilakazS@eskom.co.za
Kristy Robertson (KR)	Environmental	072 769 2850	kristyr@nemai.co.za
Donavan Henning (DH)	Facilitator	076 694 2913	donavanhnemai.co.za
Olebogeng Modibane (OM)	Environmental	011 781 1730	olebogengm@nemai.co.za
Domminah Dithoriso	Ratlou Municipality-Councillor	060 997 6075	dithorisok@ratlou.gov.za
Boitumelo Moabinyane	Community Member	078 583 5730	-
Catherine Moruapheko	Community Member	073 044 9928	-
O.J Metshisuthola	Community Member	078 383 1060	-
Stella Tau	Community Member	076 616 1064	-
Shadrack Tsolo	Community Member	073 390 2335	-
K.E Masilo	Community Member	071 251 8747	-
Bushi Nthimole	Community Member	071 845 3547	-
I.N Praatjie	Community Member	083 880 5703	-
D.T Moabinane	Community Member	071 843 5893	-
Jim	Community Member	-	-
Jenny Gabaaya	Ratlou Tribal Authority-Clerk	083 331 8942	-
Masego Mocumi	Community Member	-	-
Jane Dithobiso	Community Member	073 475 3812	-
Segametsi Pritty	Community Member	-	-
Julia Phetha	Community Member	078 652 2820	-
Kedibone S	Community Member	082 392 8836	-
Lerato Maina	Community Member	078 295 3244	-
Kedumetse Serima	Community Member	078 818 6385	-
Kgomotso Mampe	Ratlou local Municipality-Ward Committee Secretary	060 820 5874	kdmampe@gmail.com
Kealeboga Serima	Ratlou L Municipality-Ward Committee	072 540 8592	-

Attendees	Organisation & Designation	Contact Number	Email
Angelinah Soul	Ratlou L.M- Ward Committee	083 58 1097	-
Phillip Serathi	Ratlou L.M-Ward Committee	072 104 7378	-
Frans Shopane	Rarlou L.M	-	-
Sam Mokunke	Ratlou L.M	073 105 9723	MokunkeSE1@gmail.com
Erick Khooko	Community Member	079 485 6272	-
Obakeng Chikomo	RraMokoto Maijane Tribal Office	078 297 1432	-
Olebogeng Lenkopane	Community leader	071 385 7040	-
Pogisho Molwele	Community Member	073 427 9113	-
James Maralema	Community Member	066 353 9145	-
K Monare	Community Member	078 841 9253	-
Karabelo Mokawane	Community Member	073 650 6749	-
Kearabile Lizzy	Community Member	060 921 3349	-
Montshioa Emily	Community Member	071 756 5122	-
Mochwana Martha	Community Member	-	-
Makalema Mosala	Community Member	076 897 6229	-
Gabriel	Community Member	076 835 6613	-
Banbijang Jacob	Community Member	065 517 4927	-
Thebe	Community Member	063 1700 233	-
Lenkie	Community Member	078 411 1240	-
Z.K Diratsagae	Community Member	063 512 6582	-
N Morefang	Community Member	072 519 1953	-
Lenkunutu Tjankies	Community Member	-	-
E Matlodi	Community Member	-	-
E Matlape	Community Member	-	-
Nirgina Lerebole	Community Member	063 975 7543	-
Itumeleng Motlhodi	Community Member	079 381 7512	-
Tshilo	Community Member	060 851 8858	-
April	Community Member	078 458 3054	-
Lesego Moholo	Community Member	078 389 4555	-
Dumela	Community Member	083 286 9003	-
Evon Segopa	Community Member	071 912 49995	-
Pulane Cynthia Motlhale	Community Member	078 572 2476	-

Attendees	Organisation & Designation	Contact Number	Email
Johannah Mogole Moeng Piet	Community Member	082 830 1322	-
Nnonki Mekgobo	Community Member	-	-
Boijana	Community Member	063 473 2977	-
Aiseng Makolo	Community Member	083 210 8626	-

Apologies	Organisation & Designation	Contact Number	Email
Queen Melato	Eskom - Chief Engineer	011 800 3950	melatope@eskom.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	DH welcomed everyone to the meeting.	-	-
1.2.	OM translated to the indigenous language (Setswana).	-	-
2.	Attendance Register		
2.1.	The attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the attendance register.	-	-
3.	Purpose of The Public Meeting		
3.1.	DH stated that the purpose of the meeting was as follows: <ul style="list-style-type: none"> To introduce the project team; To provide an overview of the proposed development; To discuss the Environmental Authorisation Process; To present the key findings for the Draft scoping Report (DSR); To obtain comments on the DSR; To identify issues and concerns by the community; As well as to provide a platform for project related questions. 	-	-
3.2.	DH explained that the copy of the Draft scoping Report (DSR) can be found at the Multi-Purpose Centre. DH also explained that comments can be left with Jenny Gabaaya and she will inform the project team for the collection of any queries from the community, until the 13 th of March 2018.	-	-
4.	Project Overview		
4.1.	SV gave the project overview of the proposed project in Setswana language, refer to <i>Annexure 2</i> for a copy of the presentation.	-	-
5.	Environmental Authorisation Process		
5.1.	OM provided an overview of the Environmental Impact assessment Process (EIA) Process in Setswana language. Refer to <i>Annexure 2</i> for the copy of the presentation.	-	-

Item	Details	Action	Target Date
5.2.	OM explained the Public Participation Process as well as the current phase of the project (Public Participation & 30 day reviewing period).	-	-
6.	Questions		
6.1.	<p>Ontlametse stated that he heard that there will be benefits in terms of job creation for the community, and further stated that there are no skills in the community and enquired if this proposed project would create skills in the community as well as certifications.</p> <p>SV responded that the first benefit regarding labour, will be general labour. SV stated that Eskom appoints a contractor to carry out the tasks and that business groups, youth groups and councillors from the local area will be further contacted again for labour.</p> <p>SV stated that Eskom will consider community members with electrical related qualifications (e.g Nated Courses) and Matric with Maths & Science they will be further trained, certified and registered with Eskom and will thus be able to sustain and utilise the acquired skills even further.</p>	-	-
6.2.	<p>A member of the community stated that they are mostly farmers, and enquired what the impacts would be if a young boy was herding cattle below the proposed powerline, in terms of his fertility in future.</p> <p>SV explained that the Electromagnetic Field (EMF) should not have an impact on the young boy. A study was done by Eskom to assess the impacts of EMF and the results showed that the study was inconclusive. SV further assured the community that cattle grazing and agricultural activities such as planting under the powerline can still commence.</p> <p>SV stressed that no permanent structures should be located under the servitude/powerline, and these include structures such as centre pivot irrigation systems or cattle Kraal's. These will be relocated at the cost of Eskom.</p>	-	-
6.3.	<p>A member of the community expressed a concern that there has been historic issues where people have been moved out of their homes at their own expense. The question thus is that will there be any compensation from Eskom for such situations.</p> <p>SV responded that as Eskom they try to accommodate people as much as possible and that relocating the residents is a last resort. SV added that there is a land compensation process whereby the landowner will be compensated for any relocation of their property that might be an obstruction to the project.</p>	-	-

Item	Details	Action	Target Date
6.4.	<p>SV stated that a 2km corridor is assessed for the powerline. Once the centreline is chosen within this 2km corridor, the Eskom servitude for the powerline will be 55m in total (thus 27.5m on each side of the centreline). As a result Eskom will have negotiations with the landowner/Tribal authority which has rights to the land where they will have the servitude and the land will be evaluated per hectare whereby the landowner will be compensated for the total hectares used.</p> <p>SV added that the 55m servitude is to be registered, which will provide Eskom with the rights to utilise the registered area and that once the servitude has been registered and granted, any obstruction found at the servitude will be removed without any compensation.</p>	-	-
6.5.	<p>A member of the community enquired about the duration of the project.</p> <p>SV responded that the project expected to start construction by 2021 and must be commissioned by 2024.</p>	-	-
6.6.	SV added that there will be remaining effects or rather benefits, there will be a budget set aside which will be allocated to the relevant local authority to develop or improve the community infrastructure (e.g. Health care centres, community halls, roads and water supplies) and this belong entirely to the authority/community.	-	-
6.7.	DH further added that the project team will be back again during the EIA phase to present the findings to the community.	-	-
7.	Closure		
7.1.	Meeting was adjourned at 18H00	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemai Consulting

Olebogeng Modibane

14 March 2018

Annexure 1 - Attendance Register

	Public Meeting 02		Project Name:	Mookodi-Mahikeng 400kV Line	Project Name:	Kristy Robertson
			Project Number:	10645	Project Number:	+27 11 781 1730
Client			Date:	05 March 2018	Queries:	+27 11 781 1731
			Chairman:	D. Henning	Time:	kristyr@nemai.co.za
					Venue:	17H00-19H00
						Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nemai.co.za	147 Bram Fischer Driver, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nemai.co.za	147 Bram Fischer Driver, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Somina	Ratlou L.M.	CCUR	0609976075 0785835730	Moyce no 10765 Setlagole 2773	
Boitumelo Mabileane	Community	Member	0785835730	House No 1044 Setlagole 2773	
Cathrine Morigqheko	Community	Member	0730449928	House No 959 Setlagole 2773	



Public Meeting 02

Project Name: Mookodi-Mahikeng 400kV Line

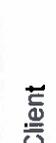
Project Number: 10645

Date: 05 March 2018

Chairman: D. Henning

Queries: Kristy Robertson
+27 11 781 1730
+27 11 781 1731
kristyr@nema.co.za

Time: 17H00-19H00
Venue: Setlagole Multipurpose Centre



Client

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
D.J. Nkomo	Setlagole Rusimbotso		0783881060	824 RBP Setlagole	
STELLA TAY	Setlagole Kgothi		0766161064	1069 Rgothi Setlagole	
SPARRACK	SDCO		0733902335	Setlagole	
K.E	Mqisilo		0712518747	M Setlagole	
Bushi	Setlagole		0718453547	Setlagole	
Nthimole	Setlagole RLP		0838805703	RBP House 818 Setlagole	
J.N. Plootjie	Setlagole		0718435893	House 943 Setlagole	
D.T. Mochinyo	Setlagole		-	Kgothi	
Jim	Setlagole		-	Kgothi	



Public Meeting 02

Client



Project Name: Mookodi-Mahikeng 400kV Line

Project Number: 10645

Date: 05 March 2018

Chairman: D. Henning

Queries:

Time: 17H00-19H00

Venue: Setlagole Multipurpose Centre

Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyr@nema.co.za

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
JAGARAYA JEMMY	TRIBAL AUTHORITY	Clerk	083 3318 9472	-	
Masego Mlowmi	CommunityM		079901839	House no 1005A Ugotuvin SECTION	
JANE DITHOBISO	CommunityM		073475342	HO 2671	
Segametsi Prity	Community		-	25914	SN Philo
Julia Phelha	Community		0786522820	248B	NJ Phelha
Kedibone S	Community		082 392 8836	-	
Lerota Mvino	Community		0782953244	1660A	
Kedumpse Sekima			078 818 6385	ROP House no.539 Setlagole	



Public Meeting 02

Client



Project Name:

Mookodi-Mahikeng 400kV Line

Project Number:

10645

Date:

05 March 2018

Chairman:

D. Henning

Queries:

Kristy Robertson
 ☎ +27 11 781 1730
 ☎ +27 11 781 1731
 ✉ kristyr@nema.co.za

Time:

17H00-19H00

Venue:

Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
KCOMOTSO MAMPE	RATLOU WARD COMMITTEE SECRETARY		☎ 060 820 5874 ✉ kdmampe@gmail.com	4137 NEW STARD SETLAGOLE 2773	
KEALEBGA SERIMA	RATLOU LM WARD COMMITTEE		☎ 072 540 8592	539 RDP SETLAGOLE 2773	
ANGELIMAH SOUL	RATLOU LM WARD COMMITTEE		☎ 083 5815 097	767 RAMOKOTO SETLAGOLE 2773	
PHILLIP SERATHI	RATLOU LM WARD COMMITTEE		☎ 072 104 7378	2664 NEW STARD SETLAGOLE 2773	
FRANS SHOPANE	RATLOU LM		☎ 071 712 203	SETLAGOLE NEW STARD	
Siphiso Mokone	Ratlou Local Municipality		☎ mokone.sezi@gmail.com ☎ 073 1059 723	Ramokoto Sec	
ERICK KROKO	Rramokoto		☎ 079 485 6272	Rramokoto See	
OBAKENG CHIKOMO	RRAMOKOTO MAISANE TRIBAL OFFICE		☎ 078 2971432	MAISANE RRAMOKOTO	



Client	Eskom	Project Name:	Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za 17H00-19H00 Setlagole Multipurpose Centre
		Project Number:	10645	
		Date:	05 March 2018	Queries:
		Chairman:	D. Henning	Time:
				Venue:

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
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Public Meeting 02

Project Name: Mookodi-Mahikeng 400kV Line
Project Number: 10645
Date: 05 March 2018
Chairman: D. Henning

Queries:
 Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyr@nema.co.za
 17H00-19H00
 Setlagole Multipurpose Centre

Client: Eskom

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
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Public Meeting 02



Client

Project Name:

Mookodi-Mahikeng 400kV Line

Project Number:

10645

Date:

05 March 2018

Chairman:

D. Henning

Queries:

Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyr@nemai.co.za

Time:

17H00-19H00

Venue:

Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
			  		
			  		
			  		
			  		
			  		
			  		
			  		
			  		



Public Meeting 02

Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyr@nema.co.za
 17H00-19H00
 Setlagole Multipurpose Centre

Queries:

Mookodi-Mahikeng 400kV Line
 10645
 05 March 2018
 D. Henning



Client

Time:

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Public Meeting 02

Client



Project Name:

Mookodi-Mahikeng 400kV Line

Project Number:

10645

Date:

05 March 2018

Chairman:

D. Henning

Queries:

Kristy Robertson
 ☎ +27 11 781 1730
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✉ kristyr@nemai.co.za

Time: 17H00-19H00

Venue: Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
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Public Meeting 02

Project Name:
Project Number:

Mookodi-Mahikeng 400kV Line

10645

Kristy Robertson
+27 11 781 1730
+27 11 781 1731
kristyr@nema.co.za

Queries:

Client
Eskom

Date:
Chairman:

05 March 2018
D. Henning

Time:
Venue:

17H00-19H00
Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Boboperetse Maureen	Reaction RESISTANCE	community	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> 0726309981	3009 RESISTANCE	<i>MM</i>
Boboperetse Julia	Reaction Community		<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	3156 RESISTANCE	<i>SM</i>
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Public Meeting 02

Kristy Robertson
 ☎ +27 11 781 1730
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 ✉ kristyr@nemail.co.za
 17H00-19H00
 Setlagole Multipurpose Centre

Mookodi-Mahikeng 400kV Line

Project Name:

Project Number: 10645

Date: 05 March 2018

Chairman: D. Henning

Queries:

Time: Venue:



Client

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Olegosay Leroy	Comm LEADER	Ramototo	☎ 0713857040	Ramototo	ke
Posiso Ndwele	Comm Member	Ramototo	☎ 0734279113	Ramototo	[Signature]
James maralemy		Ramototo	☎ 0663539145		[Signature]
E. MGNARE		RAMOTOTO	☎ 0788419253	NI	[Signature]
Karabelo Motowane	community member		☎ 0736506749	House no770 Ramototo	[Signature]
KEBEBICE LIZZY	Comm MEMBER	NEW STAND	☎ 0609213349	—	[Signature]
MONTSHTLOA EMUOT	"	"	☎ 0717565122	—	[Signature]
MOCHATHA MARTHA	"	"	☎ —	—	M. Mochutha



Public Meeting 02

Client



Project Name:

Mookodi-Mahikeng 400kV Line

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10645

Date:

05 March 2018

Chairman:

D. Henning

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Kristy Robertson
+27 11 781 1730
+27 11 781 1731
kristyr@nema.co.za

Time:

17H00-19H00

Venue:

Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
MALALE M Bala	Coramph	-	0768976229	Ramokoto	[Signature]
Gabriel	-	-	0768356613	3671 NEW STAND SECTION SETLAGOLE Ramokoto	[Signature]
W Banyonye Jacoby	-	-	0639437478		[Signature]
Thabe	-	-	068 517 4927	Ramokoto	[Signature]
Lenkie	-	-	0631700233	seicpcoht	[Signature]
Zh. Dinsaye	-	-	079611240		[Signature]
N Moring	-	-	0639126582	R.b.p	[Signature]
	-	-	0725191953	R907HU SIC	Moxdy



Public Meeting 02

Client



Project Name:

Mookodi-Mahikeng 400kV Line

Project Number:

10645

Date:

05 March 2018

Chairman:

D. Henning

Queries:

Kristy Robertson
 +27 11 781 1730
 +27 11 781 1731
 kristyr@nema.co.za

Time:

17H00-19H00

Venue:

Setlagole Multipurpose Centre

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
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Public Meeting 02

Project Name:

Mookodi-Mahikeng 400kV Line

Kristy Robertson

+27 11 781 1730

Queries:

+27 11 781 1731

kristyr@nemail.co.za

17H00-19H00

Time:

05 March 2018

Date:

Chairman:

D. Henning

Venue:

Setlagole Multipurpose Centre



Client

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
LEMKUTHU Sankies	Ratlou		<input checked="" type="checkbox"/> N/A	Setlagole Box 10645	
E motledi	Ratlou		<input checked="" type="checkbox"/> N/A	dopepepe New Stand	
E matlope	Ratlou		<input checked="" type="checkbox"/> N/A	New Stand	
Nipani Leroboo LUMELENG	Ratlou		<input checked="" type="checkbox"/> 0634757543	New Stand	
MOTHOBY			<input checked="" type="checkbox"/> 0793817512	NEW STAND	
ISHILO	MMohe		<input checked="" type="checkbox"/> 0608518858	NEW STAND Lepos	
April	Ratlou		<input checked="" type="checkbox"/> 0784583059	New Stand	
Lesego Moholo	Ratlou		<input checked="" type="checkbox"/> 0783894558	Ramokolo sec	



Public Meeting 02		Project Name: Mookodi-Mahikeng 400kV Line		Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za	
Client Eskom		Project Number: 10645		Queries:	
Date: 05 March 2018		Date: 05 March 2018		Time: 17H00-19H00	
Chairman: D. Henning		Chairman: D. Henning		Venue: Setlagole Multipurpose Centre	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Aimee EVOH	Ramokoto		083 2569003	Ramokoto SECTION	
SEGOPA	SETLAGOLE		071 9124 995	P.O. Box 421 SETLAGOLE 2773	
PYLAINE CINTHIA	SETLAGOLE		0785722476	P.O. Box 421 SETLAGOLE 2773	
MOTLHALE JOHANNALE	Setlagole Karetlou		082 830 1322	P.O. Box 421 Setlagole	
MOENG PIET	Setlagole Karetlou		N/A	P.O. Box 421 Setlagole	
HMOKI MEKGobo	Setlagole Karetlou			P.O. Box 421 Setlagole	
BO'SSEN KAGUGU	Ramon		063 4732-977	HOUSE NO 2794	
HISENG MOKOTO	WLC		083 2108676	Ramokoto SECTION 2773	

Annexure 2 - Presentation

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Public Meeting

March 2018



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Public Meeting
4. Project Overview
5. Environmental Authorisation Process
6. Questions

Welcome

Thank you for your time and for attending the
Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Environmental Consultants

Representative	Responsibility	Organisation
Donavan Henning	Facilitator	
Olebogeng Modibane	Public Participation	
Kristy Robertson	Environmental Assessment Practitioner	

Public Meeting

March 2018

Slide #4

Purpose of the Public Meeting

- To introduce the project team;
- To provide an introduction and background to the proposed project;
- To discuss the Environmental Authorisation Process;
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and
- To outline the way forward for the Scoping & EIA Process.

Public Meeting

March 2018

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Public Meeting

March 2018

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 250km Pluto – Mahikeng 400kV line will be established (currently undergoing a separate EIA Process – in Scoping Phase)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Public Meeting

March 2018

Slide #7

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Public Meeting

March 2018

Slide #8

Project Overview

Project Description

- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site

Public Meeting

March 2018

Slide #9

Project Overview

Project Description

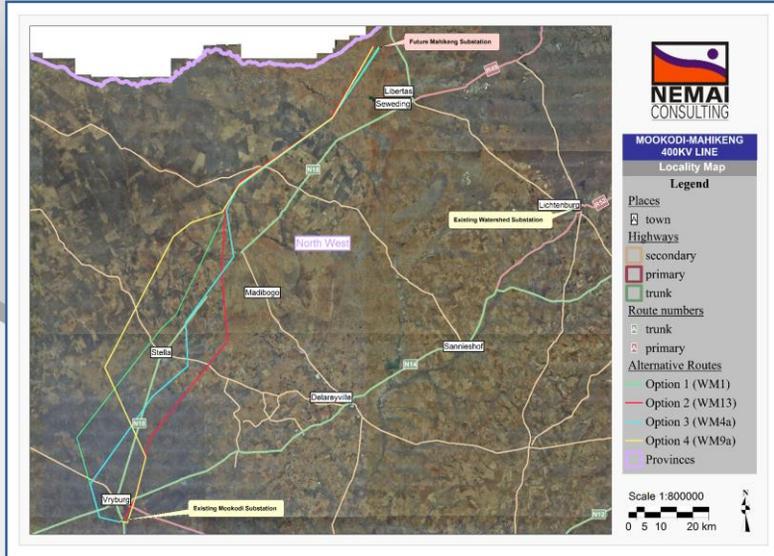
- A 2km servitude for each route alternative applies (1km on each side) → this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements
 - The actual Eskom servitude will be 55m in total

Public Meeting

March 2018

Slide #10

Project Overview – Location

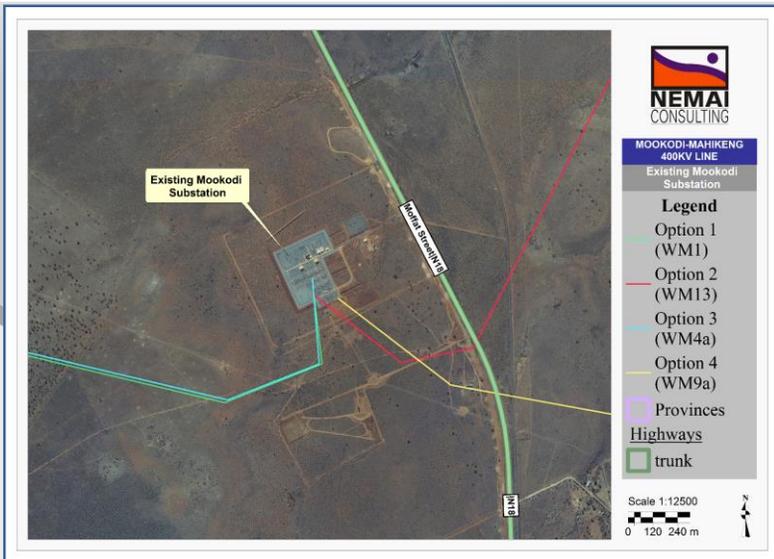


Public Meeting

March 2018

Slide #11

Project Overview – Location

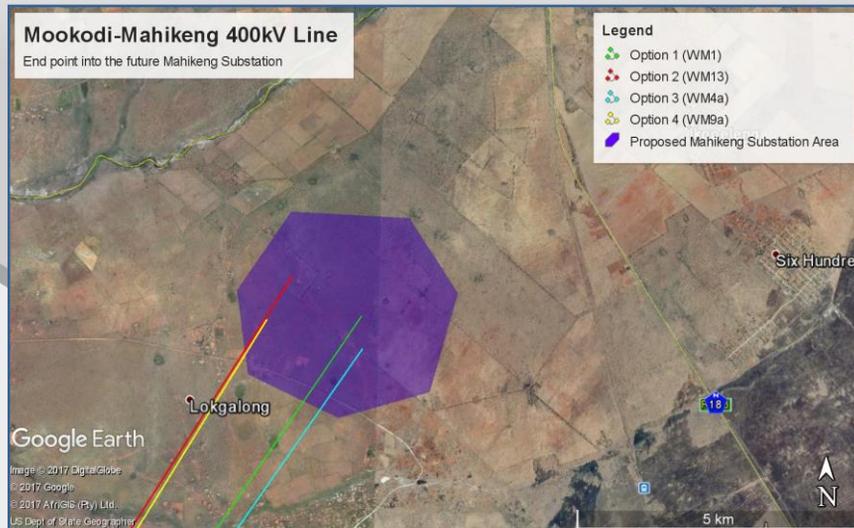


Public Meeting

March 2018

Slide #12

Project Overview – Location



Public Meeting

March 2018

Slide #13

Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

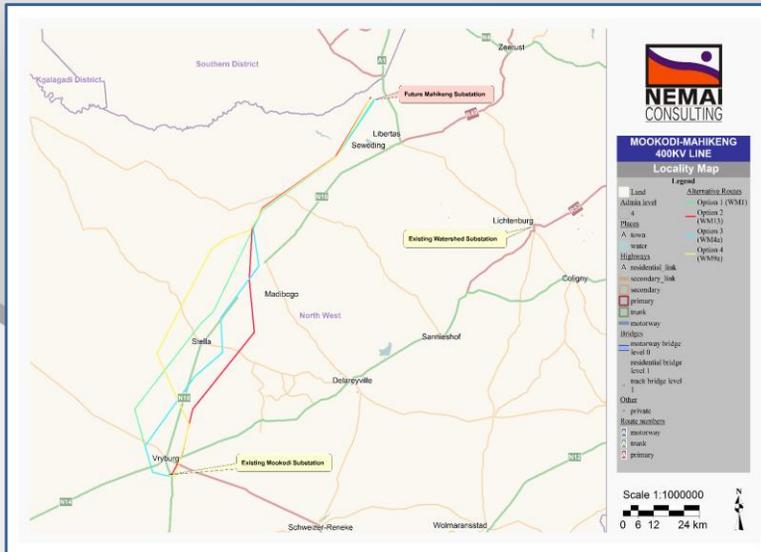
1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Public Meeting

March 2018

Slide #14

Project Overview – Alternatives



Public Meeting

March 2018

Slide #15

Environmental Authorisation Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

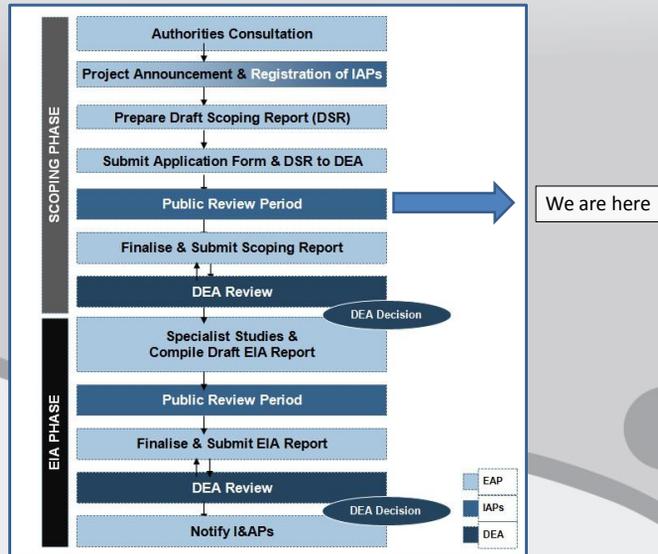
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Public Meeting

March 2018

Slide #16

Environmental Authorisation Process



Public Meeting

March 2018

Slide #17

Environmental Authorisation Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Public Meeting

March 2018

Slide #18

Environmental Authorisation Process

Legislation Considered

- Constitution of the Republic of South Africa (Act No. 108 of 1996)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
- National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)
- National Environmental Management: Air Quality Act (Act No. 39 of 2004)
- National Environmental Management: Waste Act (Act No. 59 of 2008)
- Hazardous Substances Act (Act No. 05 of 1973)
- Occupational Health & Safety Act (Act No. 85 of 1993)
- National Heritage Resources Act (Act No. 25 of 1999)
- Conservation of Agricultural Resources Act (Act No. 43 of 1983)
- National Forestry Act (Act No. 84 of 1998)
- Minerals and Petroleum Resources Development Act (Act No. 28 of 2002)

Public Meeting

March 2018

Slide #19

Environmental Authorisation Process

Profile of the Receiving Environment

- Geology and Soil
- Surface Water
- Terrestrial Ecology
- Land Capability and Land Use
- Heritage
- Air Quality
- Noise
- Topography and Visual Quality
- Traffic
- Socio-Economic

Public Meeting

March 2018

Slide #20

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> • Unsuitable geological conditions • Blasting (if required) 	<ul style="list-style-type: none"> • Geotechnical Study • EMPr
Soil	<ul style="list-style-type: none"> • Soil erosion • Soil contamination 	<ul style="list-style-type: none"> • EMPr
Topography	<ul style="list-style-type: none"> • Visual impact • Crossing topographic features (watercourses) • Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Surface Water	<ul style="list-style-type: none"> • Surface water pollution due to spillages and poor construction practices • Encroachment of construction activities into riparian zones / wetlands • Impacts where the powerline crosses watercourses, such as: • Loss of riparian and instream vegetation within construction domain • Destabilisation of banks of watercourses • Sedimentation 	<ul style="list-style-type: none"> • River Health Impact Assessment and Wetland/Riparian Habitat Delineation • 1:100 Year Floodline Analysis • EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> • Impacts to sensitive terrestrial ecological features • Potential loss of significant flora and fauna species • Damage / clearance of habitat of conservation importance in construction domain • Proliferation of exotic vegetation 	<ul style="list-style-type: none"> • Terrestrial Ecological Assessment • Avifauna Impact Assessment • Search, Rescue and Relocation Plan of Flora/Fauna, if necessary • EMPr

Public Meeting

March 2018

Slide #21

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Capability	<ul style="list-style-type: none"> • Loss of cultivated land within construction domain • Loss of grazing land within construction domain • Risk to livestock and game from construction activities • Disruptions to farming operations • Loss of fertile soil through land clearance 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-Economic Impact Assessment • EMPr
Land Use	<ul style="list-style-type: none"> • Loss of land used for agriculture • Servitude restrictions 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-economic Impact Assessment • EMPr
Heritage	<ul style="list-style-type: none"> • Possible disturbance and destruction of heritage resources 	<ul style="list-style-type: none"> • Phase 1 Heritage Impact Assessment • EMPr
Air Quality	<ul style="list-style-type: none"> • Excessive dust levels • Greenhouse gas emissions 	<ul style="list-style-type: none"> • EMPr
Noise	<ul style="list-style-type: none"> • Localised increases in noise during construction 	<ul style="list-style-type: none"> • EMPr
Traffic	<ul style="list-style-type: none"> • Increase in traffic on the local road network • Risks to road users 	<ul style="list-style-type: none"> • EMPr
Visual Quality	<ul style="list-style-type: none"> • Visual quality and sense of place to be adversely affected by construction activities 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> • Loss of land within construction domain • Risk to livestock and game from construction activities • Nuisance from dust and noise • Influx of people seeking employment and associated impacts (e.g. foreign workforce, cultural conflicts, squatting, demographic changes, anti-social behaviour, and incidence of HIV/AIDS) • Safety and security • Use of local road network 	<ul style="list-style-type: none"> • Socio-Economic Impact Assessment • Economic Impact Assessment • EMPr

Public Meeting

March 2018

Slide #22

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> Unsuitable geological conditions – risks to structural integrity of towers 	<ul style="list-style-type: none"> Geotechnical Study EMPr
Soil	<ul style="list-style-type: none"> Soil erosion at areas that were not suitably reinstated and rehabilitated 	<ul style="list-style-type: none"> EMPr
Topography	<ul style="list-style-type: none"> Visual impact Crossing topographic features (watercourses) Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Surface Water	<ul style="list-style-type: none"> Damage to towers from major flood events Impacts to characteristics of riparian zones and wetlands at areas where they are encroached upon by the project footprint 	<ul style="list-style-type: none"> River Health Impact Assessment and Wetland/Riparian Habitat Delineation 1:100 Year Floodline Analysis EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> Encroachment by exotic species through inadequate eradication programme Clearing of vegetation along servitude and maintenance road Risk to birds from collision with infrastructure and from electrocution 	<ul style="list-style-type: none"> Terrestrial Ecological Assessment Avifauna Impact Assessment Search, Rescue and Relocation Plan of Flora/Fauna, if necessary EMPr
Land Capability	<ul style="list-style-type: none"> Permanent loss of cultivated and grazing land within project footprint Loss of livestock and game through improper access control 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-Economic Impact Assessment EMPr

Public Meeting

March 2018

Slide #23

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Use	<ul style="list-style-type: none"> Loss of land used for agriculture Servitude restrictions 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-economic Impact Assessment EMPr
Traffic	<ul style="list-style-type: none"> Use of permanent access and maintenance roads 	<ul style="list-style-type: none"> EMPr
Visual Quality	<ul style="list-style-type: none"> High visibility of transmission lines Inadequate reinstatement and rehabilitation of construction footprint 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> Use of local road network for operation and maintenance purposes Safety and security issues through improper access control during inspections and maintenance activities Threats to human and animal health from EMF 	<ul style="list-style-type: none"> Socio-economic Impact Assessment Economic Impact Assessment Compensation EMPr

Public Meeting

March 2018

Slide #24

Environmental Authorisation Process

Specialist Studies

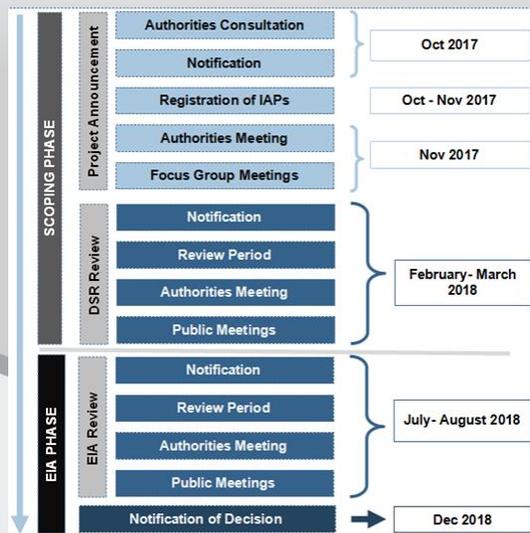
- Technical Study – Geotechnical Study
- Environmental –
 - Terrestrial Ecological Assessment
 - Avifaunal Impact Assessment
 - Heritage Impact Assessment
 - Aquatic and Wetland Assessment
 - Agricultural Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Economic Assessment

Public Meeting

March 2018

Slide #25

Public Participation Process



Public Meeting

March 2018

Slide #26

Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents (BIDs)
 - Focus Group Meetings
- Draft Scoping Report Review Period (12 February to 13 March 2018)
 - Site Notices
 - BIDs
 - Public Meetings

Public Meeting

March 2018

Slide #27

Public Participation Process



Public Meeting

March 2018

Slide #28

Public Participation Process



Public Meeting

March 2018

Slide #29

Public Participation Process



Public Meeting

March 2018

Slide #30

Public Participation Process



Public Meeting

March 2018

Slide #31

Public Participation Process



Public Meeting

March 2018

Slide #32

Public Participation Process

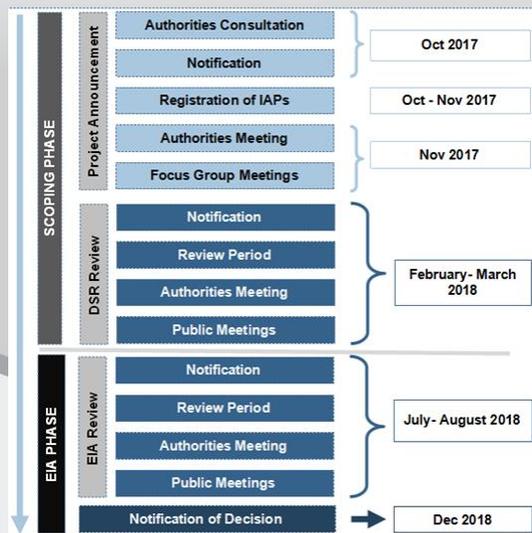
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation (**We are here**)
 - 30-Day Review Period
 - Public Meeting

Public Meeting

March 2018

Slide #33

Public Participation Process



Public Meeting

March 2018

Slide #34

Environmental Authorisation Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Public Meeting

March 2018

Slide #35

Environmental Authorisation Process

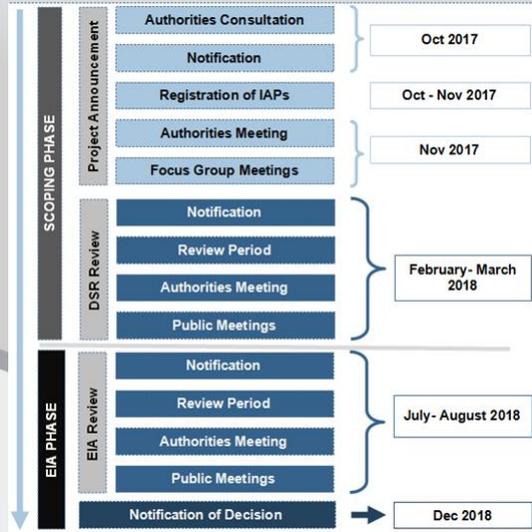
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Meeting

March 2018

Slide #36

Environmental Authorisation Process



Public Meeting

March 2018

Slide #37

Questions?

Thank you for your time and for attending the Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Appendix 11E: Public Meeting 03

	Minutes of Public Meeting 03	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	06 March 2018	Time:	10H30-13H00
Chairman:	D. Henning	Venue:	Vryburg Banquet Hall

Attendees	Organisation & Designation	Contact Number	Email
S. Vilakazi	Eskom: Environmental Manager	082 885 8114	VilakazS@eskom.co.za
K. Robertson	Nemai: Environmental	072 769 2850	kristyr@nemai.co.za
D. Henning	Nemai: Facilitator	076 694 2913	donavanhnemai.co.za
O. Modibane	Nemai: Environmental	011 781 1730	olebogengm@nemai.co.za
A. Holl	Farmer	082 260 6479	anko@bonsmarag7.com
K. Rautenbach	Farmer	083 278 1508	rautenbachk@yahoo.com
M. Swanepoel	Farmer	072 245 4843	frikmar.swanepoel@gmail.com
J.J. Vosser	Farmer	082 789 1764	jannie.vosser1@gmail.com
W.C. van der Merwe	Farmer	078 325 5143	mvdmerwe0@gmail.com
A.H. Vercueil	Farmer	083 441 5818	avercueil@megadial.com
D van Dyk on behalf of Ankerboerdery (Mr. J.A Scholtz)	Farmer	082 736 8078	dvdvandyk@gmail.com
J.V.D. Bergh	Farmer	083 340 5660	johanvdb@stellalandnissan.co.za
O. Taute	Farmer	083 881 4610	owen@truevb.co.za
M.F. Scheepers	Farmer	084 486 0457	beterskap@gmail.com
A.F. Cilliers	Farmer	082 823 0563	lezellab@gmail.com
Lampacert	-	082 818 2318	nanneke@lantic.net
L. Boma	Cllr Naledi	072 593 2803	-
D.T. Van Rensburg	Farmer	082 809 8841	dail@cluesnet.co.za
D.J. Shipdi	Farmer	073 288 3435	-
Moabi	Farmer	073 658 1133	-
T.M.C. Steyn.	Farmer	083 411 7730	tinasteyn.ts@gmail.com
L.A. Venter	Farmer	076 155 5610	laventer@gmail.com
Regina Keogatile (Tshipidi)	Farmer	082 296 1690	-
A. Brink	Farmer	082 338 4702	andybrink@webafrica.org.za

Attendees	Organisation & Designation	Contact Number	Email
D.Z. Jacobs	Farmer	0791280154; 0727005935	mcjacobs007@yahoo.com
J.F.O. Victor	Farmer	082 564 9276	-
E.J. Mollentze	Farmer	082 560 2883	27823086967@vodamail.co.za; 0823086967@vodamail.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	D. Henning welcomed everyone to the meeting.	-	-
1.2.	Apologies were noted for Q. Melato (Eskom Grid Planner).	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the Attendance Register.	-	-
3.	Purpose of the Public Meeting		
3.1.	D. Henning stated that the purposed of the public meeting was as follows: <ul style="list-style-type: none"> To introduce the project team; To provide an introduction and background to the proposed project; To discuss the Environmental Authorisation Process; To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and To outline the way forward for the Scoping & EIA Process. 	-	-
4.	Project Overview		
4.1.	S. Vilakazi provided an overview of the proposed project description and motivation. Refer to <i>Annexure 2</i> for a copy of the presentation.	-	-
5.	Environmental Authorisation Process		
5.1.	K. Robertson provided an overview of the Scoping and Environmental Impact Assessment (EIA) Process. Refer to <i>Annexure 2</i> for a copy of the presentation.	-	-
5.2.	D. Henning stated that several Interested and Affected Parties (IAPs) requested prior to the public meeting zoomed-in maps to be made by Nemaï to show how their properties are affected by the four proposed route alternatives for the powerline. K. Robertson to send through the maps to those who requested them.	Nemaï to provide property maps to IAPs	TBC
6.	Questions		
6.1.	A. Holl enquired why the powerline route cannot follow the existing N18 road. The route could easily follow the N18 from Vryburg, past Stella, ending in Mahikeng. This route would have a much less impact as less properties would be affected (in terms of	-	-

Item	Details	Action	Target Date
	<p>compensation, access, and cultivated farms) and less wetlands would be encountered.</p> <p>S. Vilakazi provided an overview on how Eskom ended up with the four alternative routes for the powerline. S. Vilakazi explained that Eskom first identify that a route needs to run from Vryburg to Mahikeng. Eskom then identify all existing structures that are constraints such as roads, villages, houses, watercourses, nature reserves, etc. Thus Eskom developed several route options based on the constraints. S. Vilakazi explained that initially 16 powerline route alternatives were considered by Eskom and were screened from a technical, social and environmental point of view. The screening process is described in Section 6.1 of the DSR. One of the 16 options was a route that followed the N18 but was found to be far less feasible according to the Multi-criteria Decision-Making Model (MCDM) and route optimisation processes for the selected line routes conducted in the Transmission Line Corridor Route Selection Process Report (2017). A large number of villages were affected by the N18 route and thus due to the large number of households and people affected, it was not found to be the most feasible. The four powerline route alternatives included in the Scoping Report were found to be the most feasible options.</p>		
6.2.	<p>A. Holl requested the 2km corridor to be explained again.</p> <p>S. Vilakazi stated that a 2km corridor is being assessed for all 4 alternative routes. The corridor will be assessed from an environmental, social, and economic point of view through the Specialist Studies and public consultation. Once a corridor is approved by the Department of Environmental Affairs (DEA), Eskom will undertake a Lidar Survey which will identify the constraints found through the Specialist Studies and public consultation. These constraints could be farming structures, boreholes, watercourses, etc. Eskom then conduct a walk-down survey with the Specialists again to mark the exact position of the tower structures and route for the centreline. Thus the centreline currently can be placed anywhere within the 2km corridor. However the actual Eskom Servitude will only be 55m wide when constructed.</p> <p>S. Vilakazi further explained that the 55m servitude is then registered. During this process, land evaluation is undertaken and a contract agreement is made between Eskom and the landowner. The offer is dependent on the size of the farm. If the landowner accepts the offer, the servitude is purchased and then registered, and the landowner is compensated. Eskom will also compensate the landowner if any structures need to be removed.</p>	-	-
6.3.	<p>A. Holl enquired if he can still farm under the powerline.</p>	-	-

Item	Details	Action	Target Date
	S. Vilakazi responded yes. S. Vilakazi stated that cattle can still graze under the powerline. Eskom have a Standard for Maximum Vegetation Clearances. The maximum vegetation clearance for 220 to 765kV (in this case 400kV) is between 22m to 40m (this includes clearance from the centre of the powerline up to the outer conductor, plus an additional 10m on either side). S. Vilakazi stated however that no structures can be built within 10m on either side of the servitude or tower edge depending on the tower type.		
6.4.	<p>W.C. van der Merwe stated that not everyone has been notified about the proposed development due to the extent of the study area: four route alternatives, each with a 2km corridor, 180km in length.</p> <p>K. Robertson explained the public notification process that was undertaken by Nema Consulting:</p> <ul style="list-style-type: none"> • Details of landowners were obtained from searchworks where landowners were contacted to be informed about the project via email or SMS; • Notices were hand delivered to properties where landowner contact details were not available; • In the case where no landowner contact details were available and there were no households on the property to hand deliver notices to, then site notices and newspaper adverts were placed to inform the public of the project. 	-	-
6.5.	<p>W.C. van der Merwe enquired how the visual impact will be assessed and mitigated as the powerlines will have a large visual impact.</p> <p>K. Robertson explained that a Specialist will undertake a Visual Impact Assessment in which they will undertake modelling to assess which properties would have a higher visual impact by the proposed powerline. The Specialist will recommend which powerline alternative route has the least visual impact.</p>	-	-
6.6.	<p>W.C. van der Merwe stated that Option 2 and 4 traverse multiple properties, and this can be avoided by shifting the corridor by 2km. Therefore many small holding properties would not be affected.</p> <p>S. Vilakazi stated that this suggested area was assessed as part of the initial 16 options that were considered in the Transmission Line Corridor Route Selection Process Report (2017). The four powerline route alternatives included in the Scoping Report were found to be the most feasible options.</p>	-	-
6.7.	<p>W.C. van der Merwe enquired if the powerline cannot tie in from another substation instead of the Mookodi substation.</p> <p>S. Vilakazi stated that the powerline has to feed into Mookodi substation, due to the voltage that the transmission line carries.</p>	-	-
6.8.	It was stated by an unknown attendee of the meeting that he signed a contract for another powerline about two years ago, and enquired if this project was related to this.	-	-

Item	Details	Action	Target Date
	S. Vilakazi confirmed that this powerline is not related to the powerline contract being referred to.		
6.9.	<p>J.J. Vosser stated the following:</p> <ol style="list-style-type: none"> 1. The noise at the venue for the public meeting was too loud and he could not hear most of the people talking during the meeting. It was stated that a PA system should be used. 2. Pens and notes should not be used. It was stated that a recorder should be used. 3. Out of the 153 pages in the Scoping Report, the document does not contain one map available to make a conclusion on how your property is affected. It was stated that property maps should be made available. 4. Majority of the farmers affected are cattle farmers, and our cattle's reproduction will be affected by the Electromagnetic Field (EMF) of the powerline despite what Eskom has stated. <p>D. Henning responded as follows:</p> <ol style="list-style-type: none"> 1. A PA system will be used for future public meetings with a large hall. 2. The meeting was being recorded. 3. The maps requested by landowners to show a zoomed-in image of their affected properties will still be sent by Nema; however, Nema will also create property maps for the entire four route alternatives and make them available in A0 size, which can be delivered to J. J Vosser (Tau Agri Union) and Leon Bellinghan (Vryburg Agri Union) so that the public can access the maps to see how their properties are affected. 4. S. Vilakazi responded stating that Eskom undertook a study on the EMF impacts on cattle reproduction from powerlines and stated that the results were inconclusive because many factors contributed to cancer in cattle. S. Vilakazi stated that this is why no structures can be built within 10m on either side of the servitude or tower edge depending on the tower type. S. Vilakazi requested that J. J. Vosser send through any research that they have on EMF as his wife is a vet in the area, so that this can feed into the EIA Phase of the project. 	<p>Nema to provide property maps in A0 to J.J. Vosser (Tau Agri Union) and L. Bellinghan (Vryburg Agri Union)</p> <p>J. J. Vosser to send through research on EMF</p>	<p>As soon as possible</p> <p>TBC</p>
6.10.	It was stated that the Scoping Report should not have been left at the Vryburg SAPs venue, it should instead be left at the Vryburg and Tau Union Offices.	Nema to note for EIA Phase	TBC
6.11.	A. Brink stated that the resolution of the maps is important, the maps to be made available to the public must be of high resolution.	Nema to ensure maps are of high resolution	TBC
6.12.	A. Brink requested the KMZ files of the four routes to be sent to him.	Nema to send KMZ files to A. Brink	TBC
6.13.	A. Brink stated that Option 4 would have a high visual impact because the farms along this option are beautiful and most people want to build lodges in this	Nema to inform Visual Specialist	TBC

Item	Details	Action	Target Date
	area because of its visual quality. A. Brink enquired how this can be addressed. D. Henning encouraged A. Brink to put his comments in writing to elaborate on the potential impact. The impact will then be assessed by the Visual Specialist.		
6.14.	W.C. van der Merwe added to A. Brink's statement about the area in Option 4 having value in terms of visual aesthetics.	Nemai to inform Visual Specialist	TBC
6.15.	A. Brink stated that he has a windmill and borehole on his property, and enquired how this would be moved. The borehole is used for domestic water and cattle. S. Vilakazi stated that structures such as boreholes would be picked up during the Lidar Survey. Eskom would want to avoid these structures where possible as they cannot occur within 10m on either side of the servitude or tower edge depending on the tower type. D. Henning stated that Eskom also conduct a walk-down survey with the Specialists again to mark the exact position of the tower structures and route for the centreline, thus avoiding these structures where possible. Eskom would compensate the landowner if any structures need to be removed.	-	-
6.16.	A. Brink stated that a mining company has declared open cast mining rights on his property (along Option 4), and enquired how does their mineral rights affect this project. D. Henning stated that open cast mining is a potential flaw and this will need to be investigated by Eskom. D. Henning requested A. Brink to send through details of the mining company to Eskom.	A. Brink to send through details of the mining company. To be investigated further by Nemai and Eskom	TBC
7.	Closure and Way forward		
7.1.	D. Henning thanked everyone for their time and encouraged everyone to put their comment sin writing by 13 March 2018.	-	-
7.2.	Meeting was closed at 12H00.	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemai Consulting

Kristy Robertson

20 March 2018

Annexure 1 - Attendance Register



Public Meeting 03

Project Name: Mookodi-Mahikeng 400kV Line		Kristy Robertson +27 11 781 1730	
Project Number: 10645		+27 11 781 1731	
Date: 06 March 2018		kristyr@nema.co.za	
Chairman: D. Henning		10H00-13H00	
Client: Eskom		Venue: Vryburg Banquet hall	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nema.co.za	147 Bram Fischer Driver, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nema.co.za	147 Bram Fischer Driver, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Andre' Hall			0852606479	P.O. Box 238	
Kobus			gunko@bensuwaag7.com	WYBORG	
Rautenbach	Farmer	-	083 278 1508	Bus. 389	
Ulanda Swaropal	Farmer	-	rautenbachk@ychoo.com	Stella 9650	
			0722454843	P.O. Box 1946	
			Frikner-Swaropal@gnmail.com	Uryburg	

 NEMAI CONSULTING	Public Meeting 03		Project Name: Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za
	Client  Eskom	Project Number: 10645	Project Name: Mookodi-Mahikeng 400kV Line	Queries:
	Date: 06 March 2018		Time: 10H00-13H00	
	Chairman: D. Henning		Venue: Vryburg Banquet hall	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
J.S. VOSSEK	BOER	MR	082 758 1764 P.O. Box 327, Street 1850.	Plus Street 700 DRAK V R 56	[Signature]
MC VU MERWE	BOER		078 3255 143 POSBUS 2523 VRYBURG		[Signature]
A.-H. Verweert on behalf of Anti-boardley.	Boer.	Mr.	083 441 5818 P.O. Box 2497 Vbg 8600	P.O. Box 2497 Vbg.	[Signature]
D VAN DYK	BOER	Mrs	082 736 3078 dvdvandyke@gmail.com POSBUS 2912, Vbg, 8600	POSBUS 2912 Vbg	[Signature]
J V D BERG	BOER	MR	083 340 5660 POBUS 169 VRYBURG 8600		[Signature]
O. TAMPÉ	FRANCO	MR	083 881 4610 OLIVIER TRUENK. 1114 BOX 264 VRYBURG	BOX 264 VRYBURG	[Signature]
W.G. Schep	Boer-	Mrs	BETASKOP P3MD.com 082 486 0452	Box 532 Vbg	[Signature]
A.F. C. C. Boer	Boer	Mr	lozellab@gmail.com 082 823 0563	Box 696 Vryburg	[Signature]



Public Meeting 03

Project Name:

Mookodi-Mahikeng 400kV Line

Kristy Robertson

+27 11 781 1730

Project Number:

10645

Queries:

+27 11 781 1731

Date:

06 March 2018

Time:

10H00-13H00

Chairman:

D. Henning

Venue:

Vryburg Banquet hall



Client

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
h. Amantse	NO		082 818 2318 nanweke@kankend 072 593 2803	Rosbus 90 VRYBURG P.O. Box 1745 VRYBURG	
L. Bone	CELL MAKER	CELL	082 809 8841	BU 127 Delanyville 270	
DT VAN RENSBURG	RENSBURG	FARMING	073 258 3435	LB P.O. Box 2154	
Ekupedi	D.J. Skopins	Ekupedi Farming	073 658 1133	ROBBERTSBURG	
Mearie Steyn TINA M.C.	M.C.	Farming	0834117730	P.O. Box 773 VRYBURG	
L.A. VENTER	BOER	Farming	076 1555 610	Rosbus 1944 VRYBURG 8600	
REGINA	KEEGATILE	BUIPAD	082090690	VRYBURG 8600	



Public Meeting 03

Project Name:

Mookodi-Mahikeng 400kV Line

Kristy Robertson

+27 11 781 1730

Queries:

+27 11 781 1731

Project Number:

10645

kristyr@nemai.co.za

Date:

06 March 2018

Time:

10H00-13H00

Chairman:

D. Henning

Venue:

Vryburg Banquet hall



Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Andy Bork	Leahdale (Zaerisva) Farm	owner	082 33 84702 <input checked="" type="checkbox"/> Andybork@webAfrica.org.za	Box 4031 molofo 8629	
DZ Jacobs	Klipkop	owner	<input checked="" type="checkbox"/>	Posbis 1883	
J. FOUFOUR	Koppiceke	owner	082 564 927 <input checked="" type="checkbox"/>	Bus 452	
J. Shes	B.T. Shes	owner	<input checked="" type="checkbox"/>	Kaali Sen	
Bhupali	B.T. Shepungu	owner	073 288 3435 <input checked="" type="checkbox"/>	Wols Sta 48	
E.J.F. Mollate		owner	082 560 2883 <input checked="" type="checkbox"/>	P.O. Box 589 Vryburg	
C.M. Steyn			0834117730 <input checked="" type="checkbox"/>		

Annexure 2 - Presentation

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Public Meeting

March 2018



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Public Meeting
4. Project Overview
5. Environmental Authorisation Process
6. Questions

Welcome

Thank you for your time and for attending the
Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Environmental Consultants

Representative	Responsibility	Organisation
Donavan Henning	Facilitator	
Olebogeng Modibane	Public Participation	
Kristy Robertson	Environmental Assessment Practitioner	

Public Meeting

March 2018

Slide #4

Purpose of the Public Meeting

- To introduce the project team;
- To provide an introduction and background to the proposed project;
- To discuss the Environmental Authorisation Process;
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and
- To outline the way forward for the Scoping & EIA Process.

Public Meeting

March 2018

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Public Meeting

March 2018

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 250km Pluto – Mahikeng 400kV line will be established (currently undergoing a separate EIA Process – in Scoping Phase)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Public Meeting

March 2018

Slide #7

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Public Meeting

March 2018

Slide #8

Project Overview

Project Description

- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site

Public Meeting

March 2018

Slide #9

Project Overview

Project Description

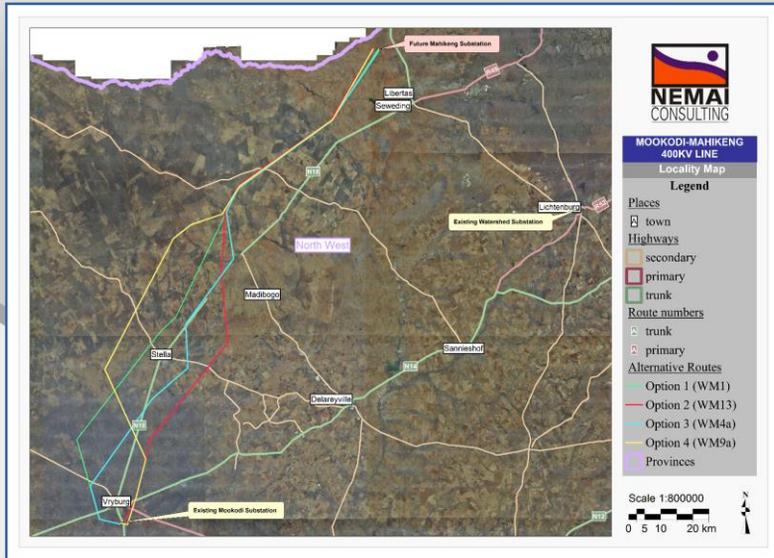
- A 2km servitude for each route alternative applies (1km on each side) → this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements
 - The actual Eskom servitude will be 55m in total

Public Meeting

March 2018

Slide #10

Project Overview – Location

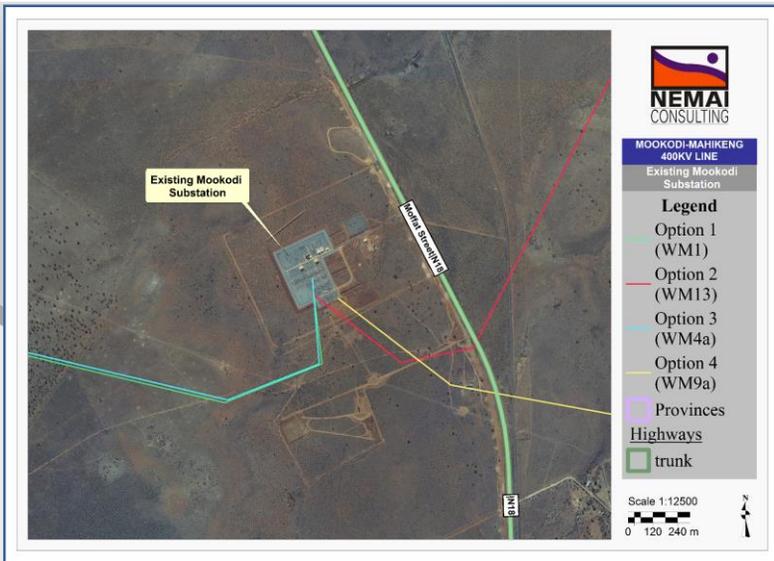


Public Meeting

March 2018

Slide #11

Project Overview – Location

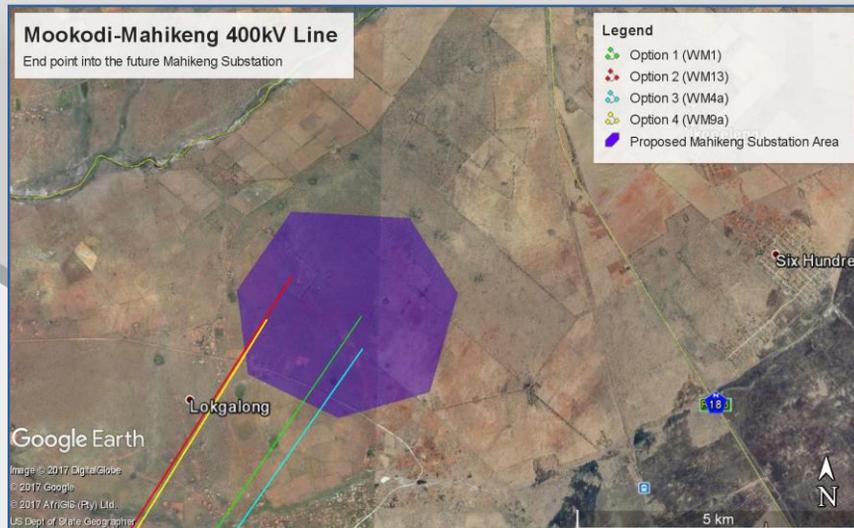


Public Meeting

March 2018

Slide #12

Project Overview – Location



Public Meeting

March 2018

Slide #13

Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

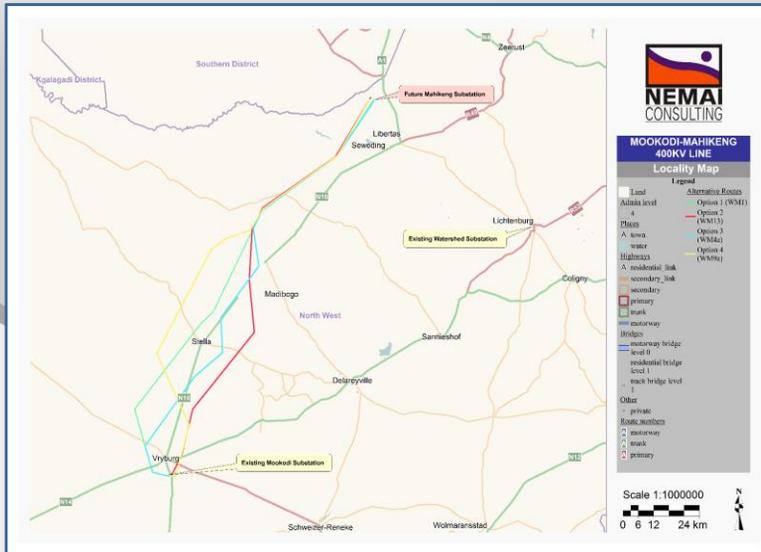
1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Public Meeting

March 2018

Slide #14

Project Overview – Alternatives



Public Meeting

March 2018

Slide #15

Environmental Authorisation Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

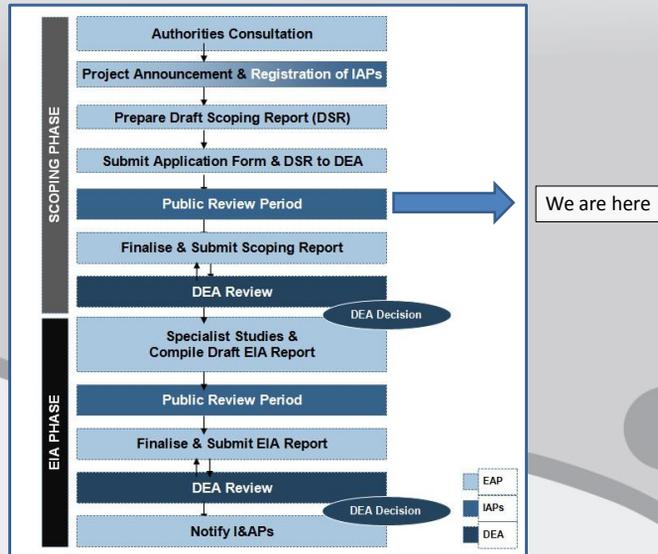
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Public Meeting

March 2018

Slide #16

Environmental Authorisation Process



Public Meeting

March 2018

Slide #17

Environmental Authorisation Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Public Meeting

March 2018

Slide #18

Environmental Authorisation Process

Legislation Considered

- Constitution of the Republic of South Africa (Act No. 108 of 1996)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
- National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)
- National Environmental Management: Air Quality Act (Act No. 39 of 2004)
- National Environmental Management: Waste Act (Act No. 59 of 2008)
- Hazardous Substances Act (Act No. 05 of 1973)
- Occupational Health & Safety Act (Act No. 85 of 1993)
- National Heritage Resources Act (Act No. 25 of 1999)
- Conservation of Agricultural Resources Act (Act No. 43 of 1983)
- National Forestry Act (Act No. 84 of 1998)
- Minerals and Petroleum Resources Development Act (Act No. 28 of 2002)

Public Meeting

March 2018

Slide #19

Environmental Authorisation Process

Profile of the Receiving Environment

- Geology and Soil
- Surface Water
- Terrestrial Ecology
- Land Capability and Land Use
- Heritage
- Air Quality
- Noise
- Topography and Visual Quality
- Traffic
- Socio-Economic

Public Meeting

March 2018

Slide #20

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> • Unsuitable geological conditions • Blasting (if required) 	<ul style="list-style-type: none"> • Geotechnical Study • EMPr
Soil	<ul style="list-style-type: none"> • Soil erosion • Soil contamination 	<ul style="list-style-type: none"> • EMPr
Topography	<ul style="list-style-type: none"> • Visual impact • Crossing topographic features (watercourses) • Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Surface Water	<ul style="list-style-type: none"> • Surface water pollution due to spillages and poor construction practices • Encroachment of construction activities into riparian zones / wetlands • Impacts where the powerline crosses watercourses, such as: • Loss of riparian and instream vegetation within construction domain • Destabilisation of banks of watercourses • Sedimentation 	<ul style="list-style-type: none"> • River Health Impact Assessment and Wetland/Riparian Habitat Delineation • 1:100 Year Floodline Analysis • EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> • Impacts to sensitive terrestrial ecological features • Potential loss of significant flora and fauna species • Damage / clearance of habitat of conservation importance in construction domain • Proliferation of exotic vegetation 	<ul style="list-style-type: none"> • Terrestrial Ecological Assessment • Avifauna Impact Assessment • Search, Rescue and Relocation Plan of Flora/Fauna, if necessary • EMPr

Public Meeting

March 2018

Slide #21

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Capability	<ul style="list-style-type: none"> • Loss of cultivated land within construction domain • Loss of grazing land within construction domain • Risk to livestock and game from construction activities • Disruptions to farming operations • Loss of fertile soil through land clearance 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-Economic Impact Assessment • EMPr
Land Use	<ul style="list-style-type: none"> • Loss of land used for agriculture • Servitude restrictions 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-economic Impact Assessment • EMPr
Heritage	<ul style="list-style-type: none"> • Possible disturbance and destruction of heritage resources 	<ul style="list-style-type: none"> • Phase 1 Heritage Impact Assessment • EMPr
Air Quality	<ul style="list-style-type: none"> • Excessive dust levels • Greenhouse gas emissions 	<ul style="list-style-type: none"> • EMPr
Noise	<ul style="list-style-type: none"> • Localised increases in noise during construction 	<ul style="list-style-type: none"> • EMPr
Traffic	<ul style="list-style-type: none"> • Increase in traffic on the local road network • Risks to road users 	<ul style="list-style-type: none"> • EMPr
Visual Quality	<ul style="list-style-type: none"> • Visual quality and sense of place to be adversely affected by construction activities 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> • Loss of land within construction domain • Risk to livestock and game from construction activities • Nuisance from dust and noise • Influx of people seeking employment and associated impacts (e.g. foreign workforce, cultural conflicts, squatting, demographic changes, anti-social behaviour, and incidence of HIV/AIDS) • Safety and security • Use of local road network 	<ul style="list-style-type: none"> • Socio-Economic Impact Assessment • Economic Impact Assessment • EMPr

Public Meeting

March 2018

Slide #22

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> Unsuitable geological conditions – risks to structural integrity of towers 	<ul style="list-style-type: none"> Geotechnical Study EMPr
Soil	<ul style="list-style-type: none"> Soil erosion at areas that were not suitably reinstated and rehabilitated 	<ul style="list-style-type: none"> EMPr
Topography	<ul style="list-style-type: none"> Visual impact Crossing topographic features (watercourses) Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Surface Water	<ul style="list-style-type: none"> Damage to towers from major flood events Impacts to characteristics of riparian zones and wetlands at areas where they are encroached upon by the project footprint 	<ul style="list-style-type: none"> River Health Impact Assessment and Wetland/Riparian Habitat Delineation 1:100 Year Floodline Analysis EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> Encroachment by exotic species through inadequate eradication programme Clearing of vegetation along servitude and maintenance road Risk to birds from collision with infrastructure and from electrocution 	<ul style="list-style-type: none"> Terrestrial Ecological Assessment Avifauna Impact Assessment Search, Rescue and Relocation Plan of Flora/Fauna, if necessary EMPr
Land Capability	<ul style="list-style-type: none"> Permanent loss of cultivated and grazing land within project footprint Loss of livestock and game through improper access control 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-Economic Impact Assessment EMPr

Public Meeting

March 2018

Slide #23

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Use	<ul style="list-style-type: none"> Loss of land used for agriculture Servitude restrictions 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-economic Impact Assessment EMPr
Traffic	<ul style="list-style-type: none"> Use of permanent access and maintenance roads 	<ul style="list-style-type: none"> EMPr
Visual Quality	<ul style="list-style-type: none"> High visibility of transmission lines Inadequate reinstatement and rehabilitation of construction footprint 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> Use of local road network for operation and maintenance purposes Safety and security issues through improper access control during inspections and maintenance activities Threats to human and animal health from EMF 	<ul style="list-style-type: none"> Socio-economic Impact Assessment Economic Impact Assessment Compensation EMPr

Public Meeting

March 2018

Slide #24

Environmental Authorisation Process

Specialist Studies

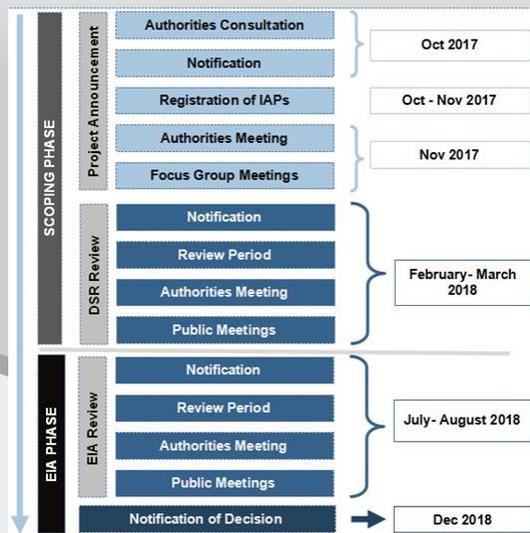
- Technical Study – Geotechnical Study
- Environmental –
 - Terrestrial Ecological Assessment
 - Avifaunal Impact Assessment
 - Heritage Impact Assessment
 - Aquatic and Wetland Assessment
 - Agricultural Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Economic Assessment

Public Meeting

March 2018

Slide #25

Public Participation Process



Public Meeting

March 2018

Slide #26

Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents (BIDs)
 - Focus Group Meetings
- Draft Scoping Report Review Period (12 February to 13 March 2018)
 - Site Notices
 - BIDs
 - Public Meetings

Public Meeting

March 2018

Slide #27

Public Participation Process



Public Meeting

March 2018

Slide #28

Public Participation Process



Public Meeting

March 2018

Slide #29

Public Participation Process



Public Meeting

March 2018

Slide #30

Public Participation Process



Public Meeting

March 2018

Slide #31

Public Participation Process



Public Meeting

March 2018

Slide #32

Public Participation Process

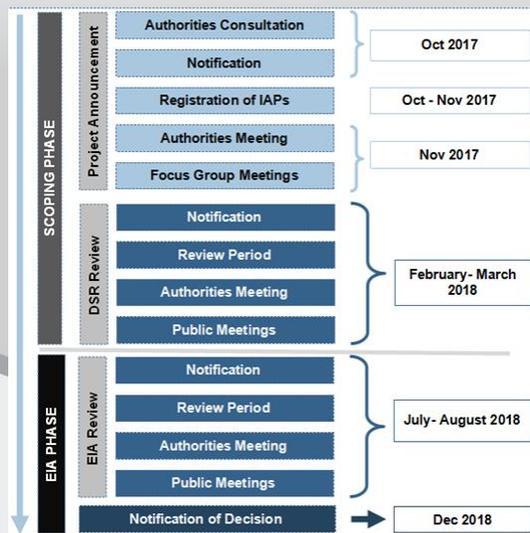
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation (**We are here**)
 - 30-Day Review Period
 - Public Meeting

Public Meeting

March 2018

Slide #33

Public Participation Process



Public Meeting

March 2018

Slide #34

Environmental Authorisation Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Public Meeting

March 2018

Slide #35

Environmental Authorisation Process

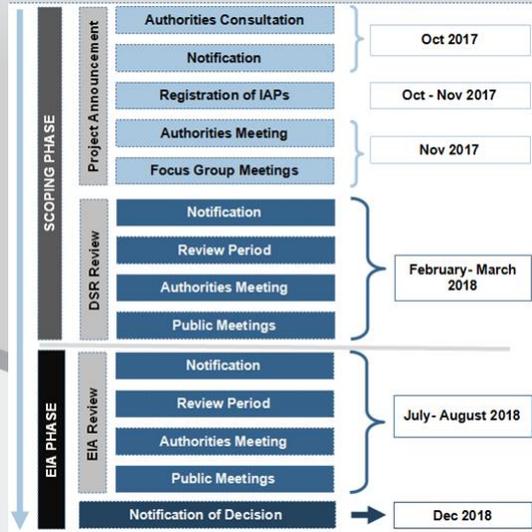
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Meeting

March 2018

Slide #36

Environmental Authorisation Process



Public Meeting

March 2018

Slide #37

Questions?

Thank you for your time and for attending the Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Appendix 11F: Focus Group Meeting 02

	Minutes of Focus Group Meeting 02	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	06 March 2018	Time:	14H00-16H00
Chairman:	D. Henning	Venue:	Vryburg Banquet Hall

Attendees	Organisation & Designation	Contact Number	Email
Sebenzile Vilakazi (SV)	Eskom: Environmental Manager	082 885 8114	VilakazS@eskom.co.za
Kristy Robertson (KR)	Nemai: Environmental	072 769 2850	kristyr@nemai.co.za
Donavan Henning (DH)	Nemai: Facilitator	076 694 2913	donavanhnemai.co.za
Olebogeng Modibane (OM)	Nemai: Environmental	011 781 1730	olebogengm@nemai.co.za
Coetzee Joubert (CJ)	Landowner	0824655523	joubertfamily4@telkomsa.net

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	DH welcomed everyone to the meeting.	-	-
1.2.	Apologies were noted for Queen Melato (Eskom Grid Planner).	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the Attendance Register.	-	-
3.	Purpose of the Public Meeting		
3.1.	DH stated that the purposed of the public meeting was as follows: <ul style="list-style-type: none"> To introduce the project team; To provide an introduction and background to the proposed project; To discuss the Environmental Authorisation Process; To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and To outline the way forward for the Scoping & EIA Process. 	-	-
4.	Project Overview		
4.1.	SV provided an overview of the proposed project description and motivation.	-	-
5.	Environmental Authorisation Process		
5.1.	KR provided an overview of the Scoping and Environmental Impact Assessment (EIA) Process.	-	-
6.	Questions		
6.1.	CJ stated that four of his properties are affected by the proposed route alternative Option 3:	-	-

Item	Details	Action	Target Date
	<ul style="list-style-type: none"> • Portion 1 of Farm Thabanchu 576 IN • RE of Farm Thabanchu 576 IN • Portion 1 of Farm Verkeerde Vlei 580 IN • Portion 2 of Farm Verkeerde Vlei 580 IN <p>CJ stated that he is highly impacted by the proposed powerline and thus objected to Option 3.</p>		
6.2.	<p>KR operated Google Earth on the computer to overlay the 2km servitude of Option 3 onto CJ's property. CJ stated that his residence is located between portion 1 and 2 of Farm Verkeerde Vlei 580 IN, and thus would be directly impacted on. The proposed route runs in the centre of three of the four properties, which he cannot accept.</p>	-	-
6.3.	<p>DH explained that the objection to Option 3 will be included in the EIA assessment when selecting the Best Practicable Environmental Option (BPEO), which is selected based on the findings of the Specialist Studies (such as the Social and Economic Impact Assessment) and public input. If Option 3 is found to be the BPEO and is authorised by the Department of Environmental Affairs (DEA), then there is a process that allows for landowners to appeal the decision by DEA. DH suggested that the appeal must contain valid reasoning and concerns for why the landowner objects to the powerline. In the case where the appeal is dismissed and DEA state that powerline is approved and can be constructed, then Eskom commence the process of locating the exact position for the centreline and the 55m servitude. This includes a Lidar Survey to determine any constraints (such as structures, boreholes, etc). Negotiations with the affected landowners within the 55m servitude then take place. The offer value is governed by the Electricity Act. Once the landowner and Eskom accept the offer, there are certain conditions put in place by the landowner (such as where access to the property will be). Construction then commences roughly a year after the negotiations. The construction period is planned to be 24 months for this project.</p>	-	-
6.4.	<p>CJ listed the following concerns he has with Option 3:</p> <ul style="list-style-type: none"> • Market value impact; • Access; • Security; and • Grazing capacity of the farm. <p>Each impact is further described below.</p>	-	-
6.5.	<p>With regards to the market value impact, CJ stated that his farms are very small and narrow and thus the economic impact would be high.</p> <p>DH stated that the impacts would be assessed by the Social and Economic Impact Assessment to be included in the EIA Phase. SV stated that Eskom will see if they can try follow the property boundary instead of</p>	-	-

Item	Details	Action	Target Date
	traversing through the centre of his property – refer to item 6.12.		
6.6.	With regards to access and security, CJ stated that his properties will be open to people (contractors, etc) and thus safety impacts and theft exposure is increased during construction, as well as during the operation phase by maintenance workers and inspectors. CJ stated that other impacts can potentially be worked around, but not security impacts. DH enquired what CJ's current security protocol is. CJ stated that currently no one can access the farm without pre-consent.	-	-
6.7.	With regards to the grazing impacts, CJ stated that there may be an impact from the Electromagnetic Field (EMF) on his cattle. SV stated that Eskom undertook a study in 2006 to assess the EMF impacts on humans and cattle from powerlines, and the results were inconclusive. SV stated that Eskom do not allow any structures underneath the powerline such as cattle kraals or waterholes but that cattle can graze underneath the powerlines. No structures can be built within 10m on either side of the servitude or tower edge depending on the tower type.	-	-
6.8.	CJ enquired what the impacts would be on grazing because Eskom need to clear the servitude. SV stated that cattle can still graze in the servitude, the only restriction is that tall trees must be removed from time to time. The only footprint lost is that of the tower structure. Eskom must also ensure that no weeds grow in the servitude, only indigenous vegetation. CJ stated that there will still be an impact on grazing potential and capacity. SV stated that some landowners request to clear the vegetation themselves, as long as they abide to the Eskom standards. DH stated that the Eskom standards will be included in the Environmental management Programme (EMPr) and can also be emailed to CJ.	Nemai to send Eskom Vegetation Standards to CJ	TBC
6.9.	It was concluded that despite any proposed mitigation, the landowner will still object to the route Option 3.	-	-
6.10.	CJ added that he has full authority to act on behalf of his mom's property and the farms have been in their family's generation for hundreds of years.	-	-
6.11.	DH stated that CJ's objection has already been received in writing. DH stated at this stage there is no form to fill in; however, there is a formal appeal process if the Environmental Authorisation is granted.	-	-
6.12.	SV suggested to expand the 2km corridor to include the north western section of portion 1 and 2 of Verkeerde Vlei 580 IN. CJ stated that Eskom can do this but he still recommends the route follows the N18.	Nemai to include additional area of 2km corridor into Option 3.	TBC
7.	Closure and Way forward		

Item	Details	Action	Target Date
7.1.	DH thanked CJ for his time and for attending the meeting.	-	-
7.2.	Meeting was closed at 16H00.	-	-

Item	Annexure Items
1.	Attendance Register

Minutes Compiled By:

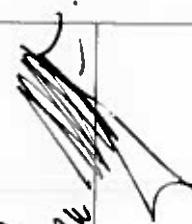
Nemai Consulting

 Kristy Robertson

 20 March 2018

Annexure 1 - Attendance Register

	Focus Group Meeting 02		Project Name: Mookodi-Mahikeng 400kV Line	Project Number: 10645	Project Details: Mookodi-Mahikeng 400kV Line	Project Contact: Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nemail.co.za
	Client: Eskom	Date: 06 March 2018	Chairman: D. Henning	Time: 15H00-16H00	Venue: Vryburg Banquet Hall	Queries:

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nemail.co.za	147 Bram Fischer Drive, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nemail.co.za	147 Bram Fischer Drive, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Drive, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
AHC Touber			joubertfamily4@erikwa.sa.net	PLAAS BEHEER/ HOPEWIS VEGENTE	

Appendix 11G: Focus Group Meeting 03

	Minutes of Focus Group Meeting 03	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	07 March 2018	Time:	09H00-10H00
Chairman:	D. Henning	Venue:	Vryburg Municipal Auction Penn

Attendees	Organisation & Designation	Contact Number	Email
S. Vilakazi	Eskom: Environmental Manager	082 885 8114	VilakazS@eskom.co.za
K. Robertson	Nemai: Environmental	072 769 2850	kristyr@nemai.co.za
D. Henning	Nemai: Facilitator	076 694 2913	donavanhnemai.co.za
O. Modibane	Nemai: Environmental	011 781 1730	olebogengm@nemai.co.za
J.J. Kruger	Morohani	-	-
S.J. Esterhuizen	Morohani	082 781 7907	-
K.G. Smithers	Morohani	072 108 4544	-
L. Bellingan	Agri Vryburg: Manager	082 945 2640	agrivbg1@truevb.co.za
Y. Oberholzer	Agri Vryburg: Secretary	053 927 6205	-
I. Wessels	Agri Vryburg: Secretary	079 283 2104	-
G. de Villiers	Agri Stella	082 389 9325	-
P.A. de Klerk	Agri Kameel	082 737 3111	-
N. Geldenhuys	Agri Setlagole	083 443 8273	naudegeldenhuys@gmail.com
D.F. Fyfer	Agri Louwna	083 385 2085	df@bhetjane.com
E.Z. Janker	Agri Exsekoir	082 334 6449	ernstj@truevb.co.za
S. Stols	Agri Stellaland	072 227 4501	stolsstephanie@gmail.com
W.P. de Chavonnes Vrugt	Agri Vryburg	082 946 2303	willemdc@yahoo.com

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	D. Henning welcomed everyone to the meeting.	-	-
1.2.	Apologies were noted for Q. Melato (Eskom Grid Planner).	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the Attendance Register.	-	-
3.	Purpose of the Focus Group Meeting		
3.1.	D. Henning stated that the purposed of the public meeting was as follows:	-	-

Item	Details	Action	Target Date
	<ul style="list-style-type: none"> To introduce the project team; To provide an introduction and background to the proposed project; To discuss the Environmental Authorisation Process; To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and To outline the way forward for the Scoping & EIA Process. 		
4.	Project Overview		
4.1.	S. Vilakazi provided an overview of the proposed project description and motivation.	-	-
5.	Environmental Authorisation Process		
5.1.	D. Henning provided an overview of the Scoping and Environmental Impact Assessment (EIA) Process.	-	-
5.2.	D. Henning stated that soft copies (CDs) of the Draft Scoping Report and a hard copy will be left with the Agri Forum for review. D. Henning stated that comment on the report must be submitted to Nemaï by 13 March 2018.	-	-
6.	Questions		
6.1.	An enquiry was raised as to how much bigger the proposed 400kV lines were in size to the normal lines they have near Vryburg. S. Vilakazi stated that the normal lines they have in Vryburg are approximately 11kV in size and are thus much smaller. D. Henning passed around a picture showing the size of a 400kV powerline.	-	-
6.2.	A meeting attendee enquired about the 55m Eskom servitude and footprint of the towers. D. Henning explained that the registered servitude will be 27.5m on either side of the centreline.	-	-
6.3.	A meeting attendee enquired how the servitude will affect farming, such as planting mielies. S. Vilakazi stated that one of the restrictions within the servitude is a central pivot, but farmers can still plant in the servitude and allow their cattle to graze. The only footprint that is lost is the tower structure footprint.	-	-
6.4.	L. Bellingan stated that in terms of compensation, a previous powerline was built by Eskom and not all landowners were compensated. D. Henning explained the compensation process that would take place for this specific Eskom powerline project: Once a corridor is approved by the Department of Environmental Affairs (DEA), Eskom will undertake a Lidar Survey which will identify the constraints found through the Specialist Studies and public consultation. These constraints could be farming structures, boreholes, watercourses, etc. Eskom then conduct a walk-down survey with the Specialists again to mark the exact position of the tower structures and route for	-	-

Item	Details	Action	Target Date
	<p>the centreline. Thus the centreline currently can be placed anywhere within the 2km corridor. However the actual Eskom Servitude will only be 55m wide when constructed.</p> <p>D. Henning further explained that the 55m servitude is then registered. During this process, land evaluation is undertaken and a contract agreement is made between Eskom and the landowner. The offer is dependent on the size of the farm. If the landowner accepts the offer, the servitude is purchased and then registered, and the landowner is compensated. Eskom will also compensate the landowner if any structures need to be removed.</p> <p>L. Bellingan stated that the requirement from Agri North West is that there must be adequate compensation for all landowners.</p>		
6.5.	<p>It was stated that the mood of all the landowners in the area has changed in the last two weeks as a result of the status of land acquisition in the country. Access to the farms is a major security concern at the moment. It was stated that Eskom need to abide by the protocol of the Agri North West in terms of access to Farms. Nonetheless, Agri North West fully understand the need for the project.</p> <p>D. Henning stated that the measures and conditions of the protocol by Agri North West will be include in the Environmental Management Programme (EMPr).</p>	Agri North West to send protocol for access to farms to Nemai	TBC
6.6.	<p>An enquiry was made regarding the timeframes associated with compensation with regards to the implementation of the project.</p> <p>S. Vilakazi stated that the timeframe depends on the land use on the property but compensation should be paid out once the servitude is registered.</p>	-	-
6.7.	<p>D. Henning stated that not all landowners within the study area have been notified as a result of the extent of the project and requested if Agri North West could assist by providing contact details of the remaining landowners if Nemai provide the database of properties with no contact details.</p> <p>L. Bellingan stated that they can assist.</p>	Nemai to provide database to Agri North West	TBC
6.8.	Agri North West stated that they must be kept informed of the project.	-	-
6.9.	D. Henning stated that Nemai will create property maps for the entire four route alternatives and make them available in A0 size (and high resolution), which can be delivered to L. Bellinghan so that the public can access the maps to see how their properties are affected.	Nemai to provide property maps in A0 to L. Bellinghan	As soon as possible
7.	Closure and Way forward		
7.1.	D. Henning thanked everyone for their time and for allowing the team to attend the meeting.	-	-
7.2.	Meeting was closed at 10H00.	-	-

Item	Annexure Items
1.	Attendance Register
2.	Presentation

Minutes Compiled By:

Nemai Consulting

Kristy Robertson

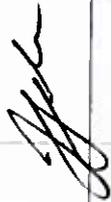
20 March 2018

Annexure 1 - Attendance Register

		Project Name:	Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za	
		Project Number:	10645	Queries:	
Client		Date:	07 05 March 2018	Time:	04H00
		Chairman:	D. Henning	Venue:	Mmabana Arts and Culture Foundation Vryburg

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nema.co.za	147 Bram Fischer Driver, Fermdale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nema.co.za	147 Bram Fischer Driver, Fermdale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Fermdale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	

		Project Name: Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nemail.co.za
Client		Project Number: 10645	Queries:
		Date: 07 March 2018	Time: 13H30-14H30
		Chairman: D. Henning	Venue: Mmabana Arts and Culture Foundation Vyburg

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
J.J. KLUGER	Moroke-mi		<input checked="" type="checkbox"/> 0827817907 <input checked="" type="checkbox"/>	Box 1869 Ulenplas Vyburg	
S.J. Esterhuysen	Morokhani		<input checked="" type="checkbox"/> 0827817907 <input checked="" type="checkbox"/>	Postbus 1678 Vyburg Farm Madriet	
K.G. SMITHEES	"		<input checked="" type="checkbox"/> 0721084544 <input checked="" type="checkbox"/>	Box 147 LEHLEFENOR VUBURG	
S.E. Bellingan	Agri Vyburg	Bestuurder	<input checked="" type="checkbox"/> 0829452640 <input checked="" type="checkbox"/>	Postbus 664 Vyburg	
J. Oberholzer	Agri Vyburg	Sekretaresse	<input checked="" type="checkbox"/> 0539376305 <input checked="" type="checkbox"/>	Postbus 664	
I. Wesels	Agri Vyburg	Sekretaresse	<input checked="" type="checkbox"/> 0792832104 <input checked="" type="checkbox"/>	Postbus 664 Vbg.	
G de Villien	Agri Meela		<input checked="" type="checkbox"/> 0823899325 <input checked="" type="checkbox"/>	Box 127 Meela	
P.A. de Klerk	Agri Kameel		<input checked="" type="checkbox"/> 0827373111 <input checked="" type="checkbox"/>	Box 54 Kameel 8603	



Urburg Union
Authority Meeting 04

Client



Project Name:

Mookodi-Mahikeng 400kV Line

Project Number:

10645

Date:

07 March 2018

Chairman:

D. Henning

Queries:

Kristy Robertson
+27 11 781 1730
+27 11 781 1731

Time:

13H30-14H30 09H CC

Venue:

Mmebena Arts and Culture Foundation - Uryburg

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Naudé Seelbinder	Agri Setlagde		0834438273 naude@seelbinder.com	Posbus 165 Stella 8652	
D.F. Fyfer	Agri Louwna		083-3852085 df@bhetjane.com	Posbus 895 Uryburg 8800	
E.Z. Jantse	Agri Eesekeer		082 3366449 ernstj@treuevb.co.za	Posbus 935 Uryburg	
S. Stols	Agri Stillabard		070 2074501 Bus 2089 URYBURG 8600	stolsstephanie@gmail.com	
W.P. de Chamusca	Agri Uryburg		0827462803 Bus 366, Stella, 8650	willenwc@yahoo.com	

Annexure 2 - Presentation

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Public Meeting

March 2018



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Public Meeting
4. Project Overview
5. Environmental Authorisation Process
6. Questions

Welcome

Thank you for your time and for attending the
Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Environmental Consultants

Representative	Responsibility	Organisation
Donavan Henning	Facilitator	
Olebogeng Modibane	Public Participation	
Kristy Robertson	Environmental Assessment Practitioner	

Public Meeting

March 2018

Slide #4

Purpose of the Public Meeting

- To introduce the project team;
- To provide an introduction and background to the proposed project;
- To discuss the Environmental Authorisation Process;
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and
- To outline the way forward for the Scoping & EIA Process.

Public Meeting

March 2018

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Public Meeting

March 2018

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 250km Pluto – Mahikeng 400kV line will be established (currently undergoing a separate EIA Process – in Scoping Phase)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Public Meeting

March 2018

Slide #7

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Public Meeting

March 2018

Slide #8

Project Overview

Project Description

- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site

Public Meeting

March 2018

Slide #9

Project Overview

Project Description

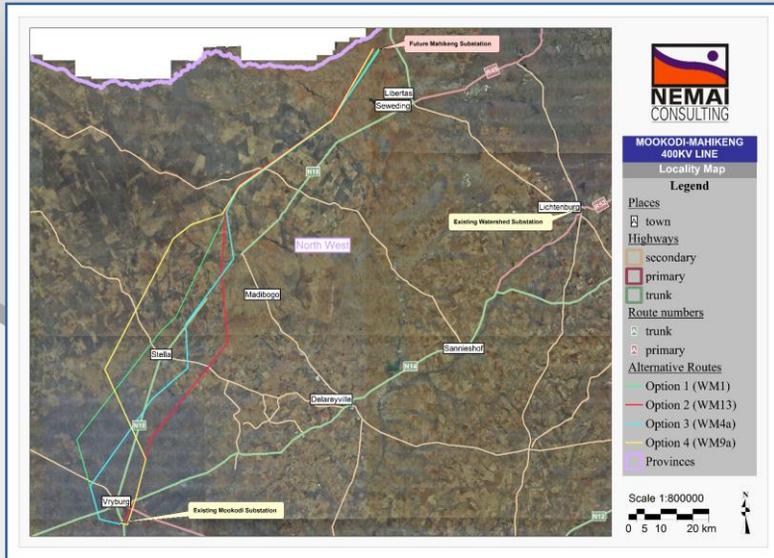
- A 2km servitude for each route alternative applies (1km on each side) → this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements
 - The actual Eskom servitude will be 55m in total

Public Meeting

March 2018

Slide #10

Project Overview – Location

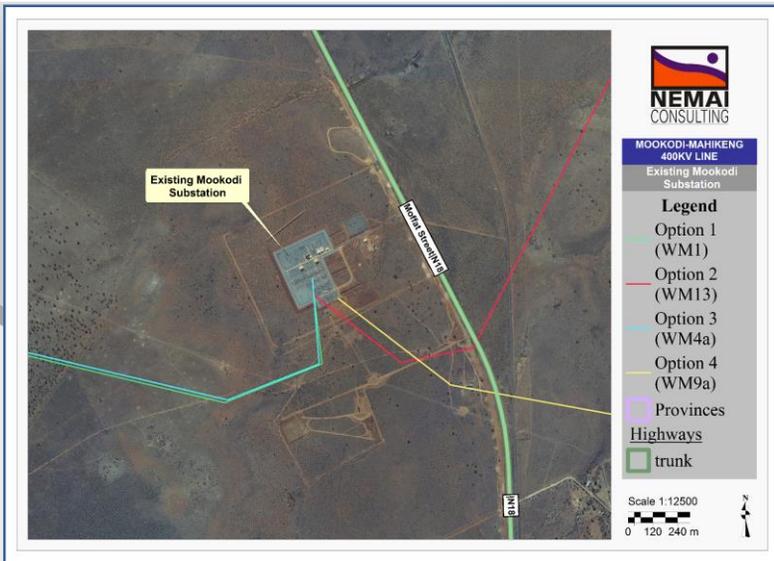


Public Meeting

March 2018

Slide #11

Project Overview – Location

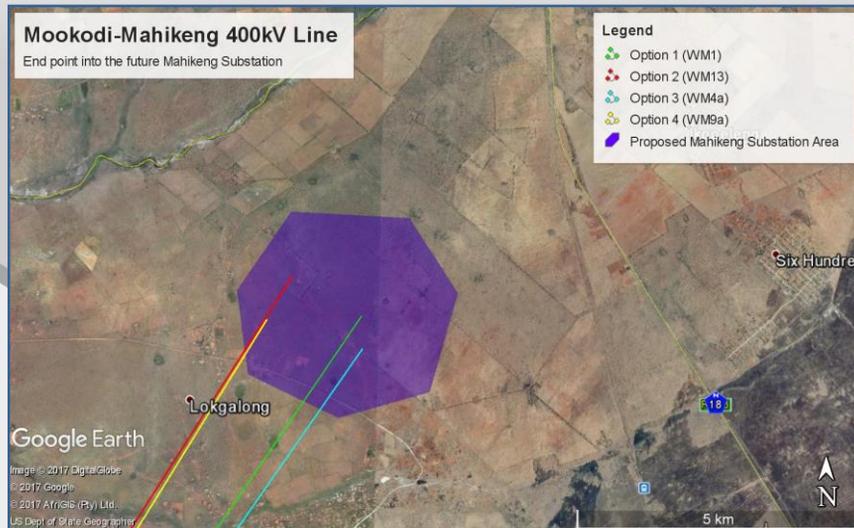


Public Meeting

March 2018

Slide #12

Project Overview – Location



Public Meeting

March 2018

Slide #13

Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

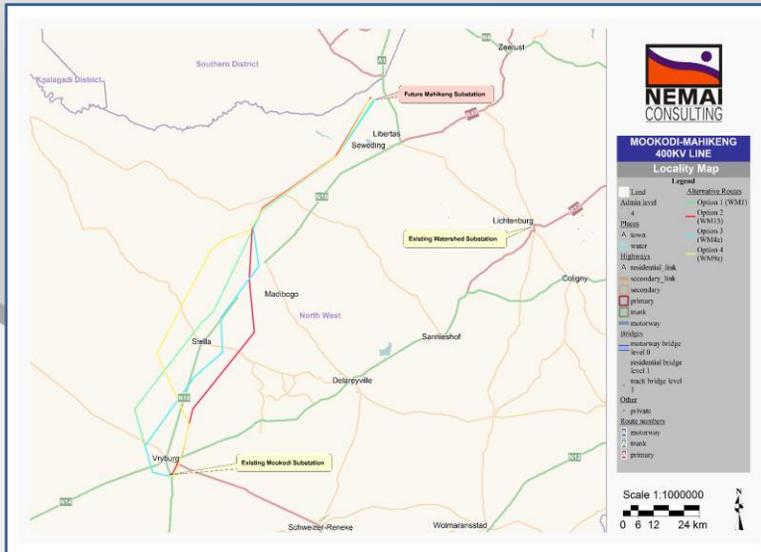
1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Public Meeting

March 2018

Slide #14

Project Overview – Alternatives



Public Meeting

March 2018

Slide #15

Environmental Authorisation Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

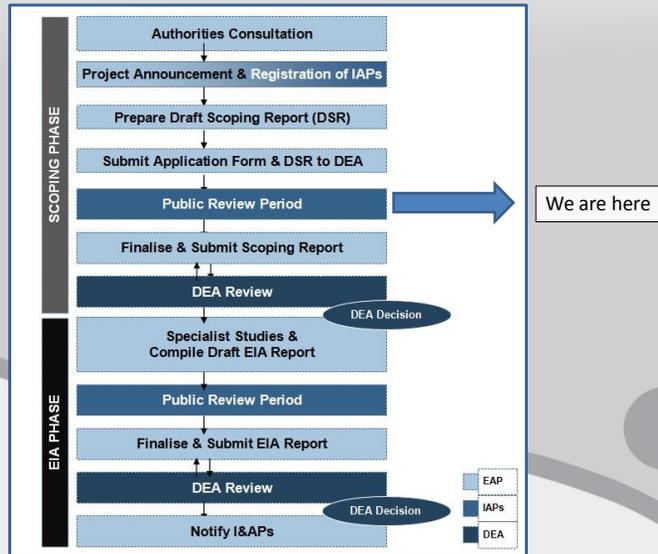
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Public Meeting

March 2018

Slide #16

Environmental Authorisation Process



Public Meeting

March 2018

Slide #17

Environmental Authorisation Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Public Meeting

March 2018

Slide #18

Environmental Authorisation Process

Legislation Considered

- Constitution of the Republic of South Africa (Act No. 108 of 1996)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
- National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)
- National Environmental Management: Air Quality Act (Act No. 39 of 2004)
- National Environmental Management: Waste Act (Act No. 59 of 2008)
- Hazardous Substances Act (Act No. 05 of 1973)
- Occupational Health & Safety Act (Act No. 85 of 1993)
- National Heritage Resources Act (Act No. 25 of 1999)
- Conservation of Agricultural Resources Act (Act No. 43 of 1983)
- National Forestry Act (Act No. 84 of 1998)
- Minerals and Petroleum Resources Development Act (Act No. 28 of 2002)

Public Meeting

March 2018

Slide #19

Environmental Authorisation Process

Profile of the Receiving Environment

- Geology and Soil
- Surface Water
- Terrestrial Ecology
- Land Capability and Land Use
- Heritage
- Air Quality
- Noise
- Topography and Visual Quality
- Traffic
- Socio-Economic

Public Meeting

March 2018

Slide #20

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> • Unsuitable geological conditions • Blasting (if required) 	<ul style="list-style-type: none"> • Geotechnical Study • EMPr
Soil	<ul style="list-style-type: none"> • Soil erosion • Soil contamination 	<ul style="list-style-type: none"> • EMPr
Topography	<ul style="list-style-type: none"> • Visual impact • Crossing topographic features (watercourses) • Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Surface Water	<ul style="list-style-type: none"> • Surface water pollution due to spillages and poor construction practices • Encroachment of construction activities into riparian zones / wetlands • Impacts where the powerline crosses watercourses, such as: • Loss of riparian and instream vegetation within construction domain • Destabilisation of banks of watercourses • Sedimentation 	<ul style="list-style-type: none"> • River Health Impact Assessment and Wetland/Riparian Habitat Delineation • 1:100 Year Floodline Analysis • EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> • Impacts to sensitive terrestrial ecological features • Potential loss of significant flora and fauna species • Damage / clearance of habitat of conservation importance in construction domain • Proliferation of exotic vegetation 	<ul style="list-style-type: none"> • Terrestrial Ecological Assessment • Avifauna Impact Assessment • Search, Rescue and Relocation Plan of Flora/Fauna, if necessary • EMPr

Public Meeting

March 2018

Slide #21

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Capability	<ul style="list-style-type: none"> • Loss of cultivated land within construction domain • Loss of grazing land within construction domain • Risk to livestock and game from construction activities • Disruptions to farming operations • Loss of fertile soil through land clearance 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-Economic Impact Assessment • EMPr
Land Use	<ul style="list-style-type: none"> • Loss of land used for agriculture • Servitude restrictions 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-economic Impact Assessment • EMPr
Heritage	<ul style="list-style-type: none"> • Possible disturbance and destruction of heritage resources 	<ul style="list-style-type: none"> • Phase 1 Heritage Impact Assessment • EMPr
Air Quality	<ul style="list-style-type: none"> • Excessive dust levels • Greenhouse gas emissions 	<ul style="list-style-type: none"> • EMPr
Noise	<ul style="list-style-type: none"> • Localised increases in noise during construction 	<ul style="list-style-type: none"> • EMPr
Traffic	<ul style="list-style-type: none"> • Increase in traffic on the local road network • Risks to road users 	<ul style="list-style-type: none"> • EMPr
Visual Quality	<ul style="list-style-type: none"> • Visual quality and sense of place to be adversely affected by construction activities 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> • Loss of land within construction domain • Risk to livestock and game from construction activities • Nuisance from dust and noise • Influx of people seeking employment and associated impacts (e.g. foreign workforce, cultural conflicts, squatting, demographic changes, anti-social behaviour, and incidence of HIV/AIDS) • Safety and security • Use of local road network 	<ul style="list-style-type: none"> • Socio-Economic Impact Assessment • Economic Impact Assessment • EMPr

Public Meeting

March 2018

Slide #22

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> Unsuitable geological conditions – risks to structural integrity of towers 	<ul style="list-style-type: none"> Geotechnical Study EMPr
Soil	<ul style="list-style-type: none"> Soil erosion at areas that were not suitably reinstated and rehabilitated 	<ul style="list-style-type: none"> EMPr
Topography	<ul style="list-style-type: none"> Visual impact Crossing topographic features (watercourses) Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Surface Water	<ul style="list-style-type: none"> Damage to towers from major flood events Impacts to characteristics of riparian zones and wetlands at areas where they are encroached upon by the project footprint 	<ul style="list-style-type: none"> River Health Impact Assessment and Wetland/Riparian Habitat Delineation 1:100 Year Floodline Analysis EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> Encroachment by exotic species through inadequate eradication programme Clearing of vegetation along servitude and maintenance road Risk to birds from collision with infrastructure and from electrocution 	<ul style="list-style-type: none"> Terrestrial Ecological Assessment Avifauna Impact Assessment Search, Rescue and Relocation Plan of Flora/Fauna, if necessary EMPr
Land Capability	<ul style="list-style-type: none"> Permanent loss of cultivated and grazing land within project footprint Loss of livestock and game through improper access control 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-Economic Impact Assessment EMPr

Public Meeting

March 2018

Slide #23

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Use	<ul style="list-style-type: none"> Loss of land used for agriculture Servitude restrictions 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-economic Impact Assessment EMPr
Traffic	<ul style="list-style-type: none"> Use of permanent access and maintenance roads 	<ul style="list-style-type: none"> EMPr
Visual Quality	<ul style="list-style-type: none"> High visibility of transmission lines Inadequate reinstatement and rehabilitation of construction footprint 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> Use of local road network for operation and maintenance purposes Safety and security issues through improper access control during inspections and maintenance activities Threats to human and animal health from EMF 	<ul style="list-style-type: none"> Socio-economic Impact Assessment Economic Impact Assessment Compensation EMPr

Public Meeting

March 2018

Slide #24

Environmental Authorisation Process

Specialist Studies

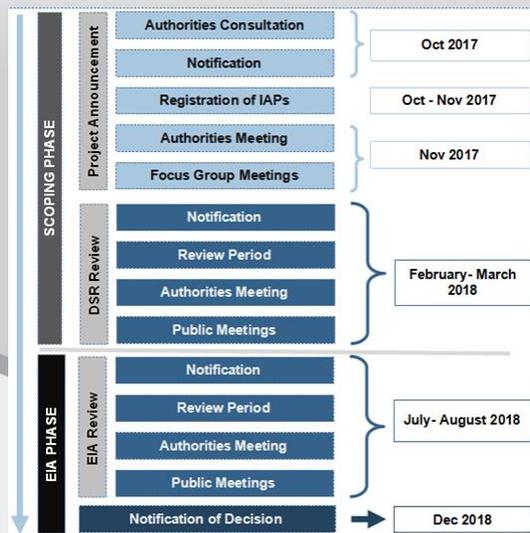
- Technical Study – Geotechnical Study
- Environmental –
 - Terrestrial Ecological Assessment
 - Avifaunal Impact Assessment
 - Heritage Impact Assessment
 - Aquatic and Wetland Assessment
 - Agricultural Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Economic Assessment

Public Meeting

March 2018

Slide #25

Public Participation Process



Public Meeting

March 2018

Slide #26

Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents (BIDs)
 - Focus Group Meetings
- Draft Scoping Report Review Period (12 February to 13 March 2018)
 - Site Notices
 - BIDs
 - Public Meetings

Public Meeting

March 2018

Slide #27

Public Participation Process



Public Meeting

March 2018

Slide #28

Public Participation Process



Public Meeting

March 2018

Slide #29

Public Participation Process



Public Meeting

March 2018

Slide #30

Public Participation Process



Public Meeting

March 2018

Slide #31

Public Participation Process



Public Meeting

March 2018

Slide #32

Public Participation Process

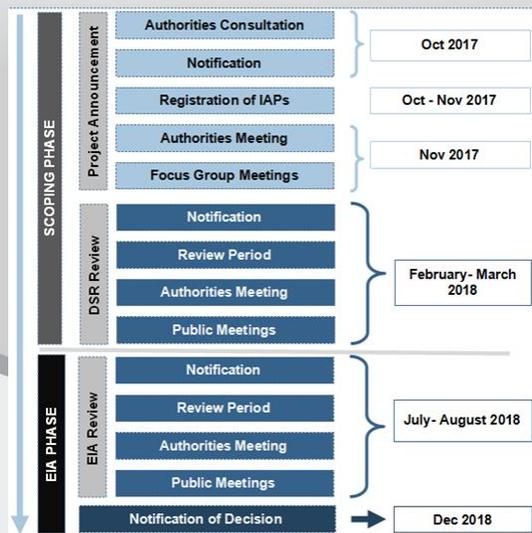
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation (**We are here**)
 - 30-Day Review Period
 - Public Meeting

Public Meeting

March 2018

Slide #33

Public Participation Process



Public Meeting

March 2018

Slide #34

Environmental Authorisation Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Public Meeting

March 2018

Slide #35

Environmental Authorisation Process

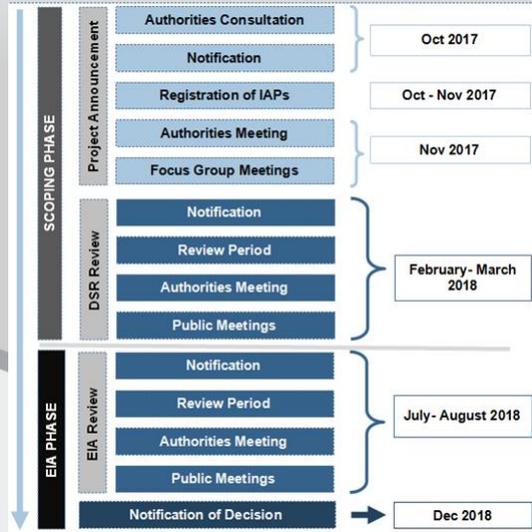
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Meeting

March 2018

Slide #36

Environmental Authorisation Process



Public Meeting

March 2018

Slide #37

Questions?

Thank you for your time and for attending the Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Appendix 11H: Authority Meeting 02

	Minutes of Authority Meeting 02	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi- Mahikeng 400kV Powerline
		Project Number:	1645
Date:	07 March 2018	Time:	11H00-11H40
Chairman:	D. Henning	Venue:	Ratlou Local Municipality

Attendees	Organisation & Designation	Contact Number	Email
Sebenzile Vilakazi (SV)	Environmental Manager	082 885 8114	VilakazS@eskom.co.za
Kristy Robertson (KR)	Environmental	072 769 2850	kristyr@nemai.co.za
Donavan Henning (DH)	Facilitator	076 694 2913	donavanhnemai.co.za
Olebogeng Modibane (OM)	Environmental	011 781 1730	olebogengm@nemai.co.za
Mooketsi Shomolekae (MS)	Ratlou Local Municipality- Acting Senior Manager (Infrastructure)	018 330 7000 076 994 0404	mooketsishomolekae@gmail.com; mooketsi@ratlou.gov.za

Apologies	Organisation & Designation	Contact Number	Email
Queen Melato (QM)	Eskom- Chief Engineer	011 800 3950	melatope@eskom.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	KR opened and welcomed everyone to the meeting.	-	-
2.	Attendance Register		
2.1.	The attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the attendance register.	-	-
3.	Purpose of The Public Meeting		
3.1.	The purpose of the meeting was as follows: <ul style="list-style-type: none"> To introduce the project and provide an overview of the proposed development; To discuss the Environmental Authorisation Process; To present the key findings for the Draft scoping Report (DSR); To obtain comments on the DSR; To identify issues and concerns by the community; As well as to provide a platform for project related questions. Refer to <i>Annexure 2</i> for a copy of the Meeting Agenda.	-	-
4.	Project Overview		

Item	Details	Action	Target Date
4.1.	KR gave the project overview of the proposed project, with emphasis on the need to strengthen the power supply through the use of the 400KV powerlines. Refer to <i>Annexure 3</i> for a copy of the presentation.	-	-
5.	Environmental Authorisation Process		
5.1.	KR provided a brief overview of the Environmental Impact Assessment (EIA) Process, Refer to <i>Annexure 3</i> for a copy of the presentation.	-	-
6.	Questions		
6.1.	MS raised a concern about (Route 2) Option2, which passes through Setlagole. KR responded that there are four alternative routes which are still to be considered as part of the Scoping & EIA Process and that there will not be any construction unless the Department of Environmental Affairs (DEA) authorises the project.	-	-
6.2.	KR explained that a 2km corridor will be assessed for the powerlines and Eskom will undertake a Lidar Survey to identify any constraints within the actual 55m servitude, once a route has been authorised.	-	-
6.3.	MS enquired about the response to the project from the commercial farm landowners, Traditional Authorities as well as Kgosi Phoi with regard to the proposed project. MS further stated that he will provide Kgosi Phoi's contact details to Nemaï/KR. KR responded that landowners have been informed about the project and explained that some of their concerns included impacts on farming, access control (Safety and Security) during the construction of the project and compensation.	Nemaï to contact MS for contact details	TBC
6.4.	MS suggested that additional Traditional Authorities should also be notified as to where the project lines are expected to pass. SV responded that negotiations with the authorities/landowners will be held after a final route has been chosen and confirmed with regards to where it will pass.	-	-
6.5.	KR enquired about the Setlagole commercial hub. MS made reference to the Map. KR responded that the proposed site boundary does not appear to be affected by any of the proposed routes. KR to confirm and provide a zoomed-in map showing proposed routes in relation to proposed Setlagole commercial hub.	KR to send zoomed-in map to MS	TBC
6.6.	DH stated that the grid planners planned to avoid any existing settlements or villages.	-	-
6.7.	MS added that the Spatial Development Framework (SDF) Map will be provided to Nemaï for further analysis.	MS to provide map	TBC
7.	Closure.		

Item	Details	Action	Target Date
7.1.	The project timeframes were outlined to MS.	-	-
7.2.	The meeting was concluded at 11H40	-	-

Item	Annexure Items
1.	Attendance Register
2.	Meeting Agenda
3.	Presentation

Minutes Complied By:

Nemai Consulting

Olebogeng Modibane

15 March 2018

Annexure 1 - Attendance Register

	Authority Meeting 02		Project Name: Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nemail.co.za
	Client 	Project Number: 10645	Project Number: 10645	Queries:
	Date: 07 March 2018	Date: 07 March 2018	Time:	Time: 11H00-12H00
	Chairman: D. Henning	Chairman: D. Henning	Venue:	Venue: Ratlou Municipality

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nemail.co.za	147 Bram Fischer Driver, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nemail.co.za	147 Bram Fischer Driver, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Mooletsi Shomolobane	Ratlou LM	ACTING SNR MANAGER INFRASTRUCTURE	018 330 7600 076 994 0404 mooletsi@ratlou.gov.za mooletsi@ratlou.gov.za	SETLAGOLE MUNICIPAL OFFICES	

Annexure 2 - Agenda

	Authority Meeting 02	Queries:	Kristy Robertson ☎ 011 781 1730 📠 011 781 1731 ✉ kristyr@nemai.co.za
Client Details:		Project Name:	Mookodi - Mahikeng 400kV Powerline
		Project Number:	10645
Date:	07 March 2018	Time:	11H00-12H00
Chairperson:	D. Henning	Venue:	Ratlou Municipality

Agenda Items	Meeting Objectives
<ol style="list-style-type: none"> 1. Opening and Welcome 2. Attendance Register 3. Purpose of the Public Meeting 4. Project Overview 5. Environmental Authorisation Process 6. Questions 	<ul style="list-style-type: none"> ⇒ To introduce the project and provide an overview of the proposed development ⇒ To discuss the Environmental Authorisation Process ⇒ To present key findings from the Draft Scoping Report (DSR) ⇒ To obtain comments on the DSR ⇒ To identify any issues and concerns by the community ⇒ Provide a platform for project-related discussions

Annexure 3 - Presentation

PROPOSED MOOKODI-MAHIKENG 400kV POWERLINE

Scoping & EIA Process

Public Meeting

March 2018



Agenda

1. Opening and Welcome
2. Attendance Register
3. Purpose of the Public Meeting
4. Project Overview
5. Environmental Authorisation Process
6. Questions

Welcome

Thank you for your time and for attending the
Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Meet the Project Team

Applicant

Representative	Responsibility	Organisation
Sebenzile Vilakazi	Environmental Manager	
Queen Melato	Grid Planner (Transmission)	

Environmental Consultants

Representative	Responsibility	Organisation
Donavan Henning	Facilitator	
Olebogeng Modibane	Public Participation	
Kristy Robertson	Environmental Assessment Practitioner	

Public Meeting

March 2018

Slide #4

Purpose of the Public Meeting

- To introduce the project team;
- To provide an introduction and background to the proposed project;
- To discuss the Environmental Authorisation Process;
- To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and
- To outline the way forward for the Scoping & EIA Process.

Public Meeting

March 2018

Slide #5

Project Overview

- Motivation
- Project Description
- Location
- Alternatives



Public Meeting

March 2018

Slide #6

Project Overview

Motivation

- The existing Watershed substation is currently un-firm → insufficient capacity to support the forecasted load. Hence there is a need for further network expansion through establishing a new transmission substation in Mahikeng
- A 1x 250km Pluto – Mahikeng 400kV line will be established (currently undergoing a separate EIA Process – in Scoping Phase)
- And a **1x 180km Mookodi - Mahikeng 400kV line will be established**

Public Meeting

March 2018

Slide #7

Project Overview

Motivation

- The Mookodi-Mahikeng 400kV Line is required to transmit electricity to the new Mahikeng Substation, in which the proposed Pluto – Mahikeng 400kV line will improve reliability of the Watershed Substation constraints which are not sufficient to support and supply the demand growth in Mahikeng town

Public Meeting

March 2018

Slide #8

Project Overview

Project Description

- The proposed development includes a \pm 180km transmission line from the existing Mookodi Substation in Vryburg and travels towards the north-east ending near Mahikeng at the proposed Mahikeng substation site

Public Meeting

March 2018

Slide #9

Project Overview

Project Description

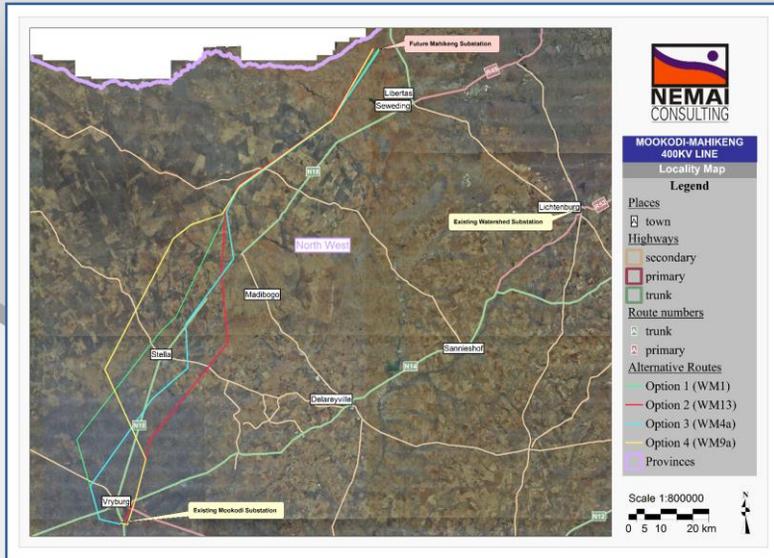
- A 2km servitude for each route alternative applies (1km on each side) → this extended study area allows for any possible deviations from the current proposed alignment of the power lines within this corridor
 - May be necessary due to findings of the Specialist Studies, outcome of Eskom negotiations with landowners or technical requirements
 - The actual Eskom servitude will be 55m in total

Public Meeting

March 2018

Slide #10

Project Overview – Location

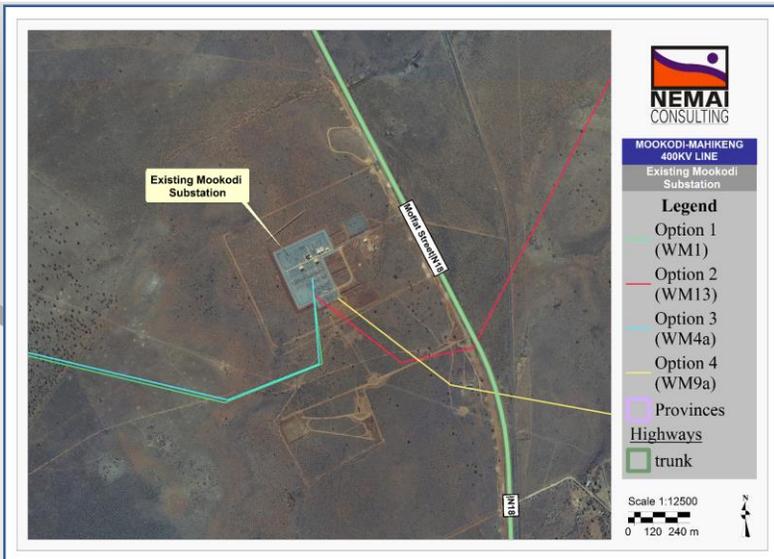


Public Meeting

March 2018

Slide #11

Project Overview – Location

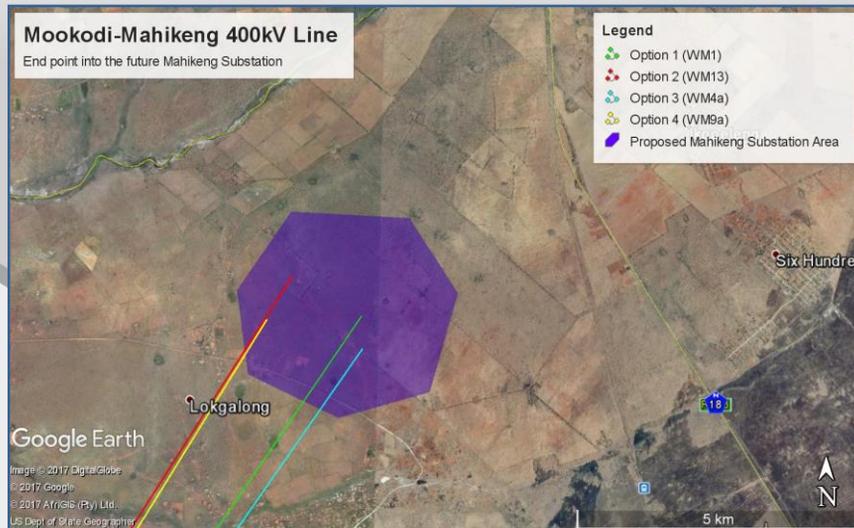


Public Meeting

March 2018

Slide #12

Project Overview – Location



Public Meeting

March 2018

Slide #13

Project Overview

Alternatives

Four alternative routes will be considered as part of the Scoping & EIA Process, namely:

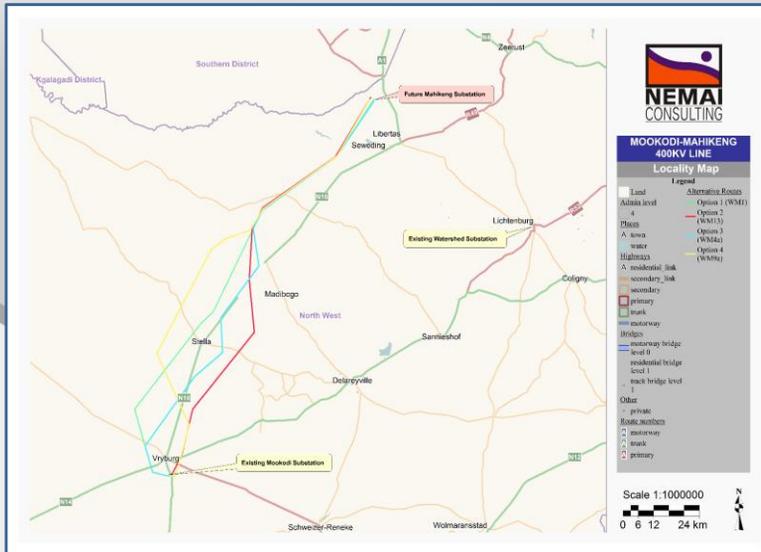
1. Option 1 (WM1)
2. Option 2 (WM13)
3. Option 3 (WM4a)
4. Option 4 (WM9a)

Public Meeting

March 2018

Slide #14

Project Overview – Alternatives



Public Meeting

March 2018

Slide #15

Environmental Authorisation Process

The proposed Mookodi-Mahikeng 400kV Powerline entails certain activities that require authorisation:

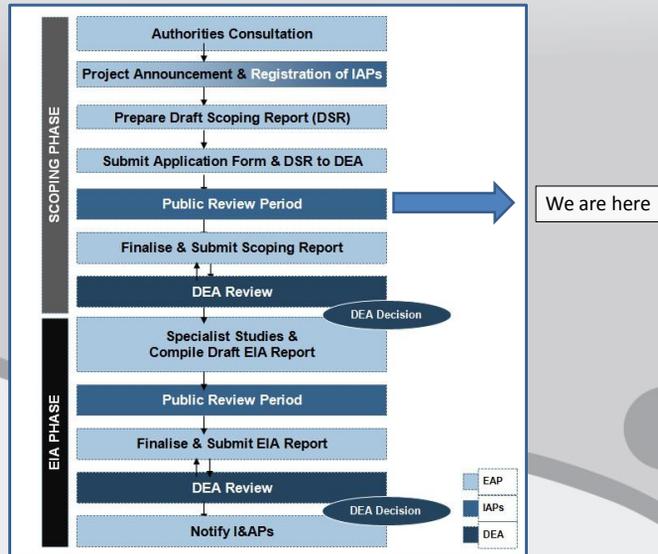
- The National Environmental Management Act (Act No. 107 of 1998) – NEMA
 - EIA Regulations (GN No. R. 982, R. 983, R. 984 and R. 985 of 04 December 2014, as amended)
 - Lead Authority = Department of Environmental Affairs (DEA)

Public Meeting

March 2018

Slide #16

Environmental Authorisation Process



Public Meeting

March 2018

Slide #17

Environmental Authorisation Process

Scoping Report

- Assess the Legal Framework
- Determine the Profile of the Receiving Environment
- Identify Potential Environmental Impacts
- Recommend specific Specialist Studies to be undertaken
- Public Participation Process
- Proposed Timeframes
- Plan of Study for EIA

Public Meeting

March 2018

Slide #18

Environmental Authorisation Process

Legislation Considered

- Constitution of the Republic of South Africa (Act No. 108 of 1996)
- National Water Act (Act No. 36 of 1998)
- National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
- National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)
- National Environmental Management: Air Quality Act (Act No. 39 of 2004)
- National Environmental Management: Waste Act (Act No. 59 of 2008)
- Hazardous Substances Act (Act No. 05 of 1973)
- Occupational Health & Safety Act (Act No. 85 of 1993)
- National Heritage Resources Act (Act No. 25 of 1999)
- Conservation of Agricultural Resources Act (Act No. 43 of 1983)
- National Forestry Act (Act No. 84 of 1998)
- Minerals and Petroleum Resources Development Act (Act No. 28 of 2002)

Public Meeting

March 2018

Slide #19

Environmental Authorisation Process

Profile of the Receiving Environment

- Geology and Soil
- Surface Water
- Terrestrial Ecology
- Land Capability and Land Use
- Heritage
- Air Quality
- Noise
- Topography and Visual Quality
- Traffic
- Socio-Economic

Public Meeting

March 2018

Slide #20

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> • Unsuitable geological conditions • Blasting (if required) 	<ul style="list-style-type: none"> • Geotechnical Study • EMPr
Soil	<ul style="list-style-type: none"> • Soil erosion • Soil contamination 	<ul style="list-style-type: none"> • EMPr
Topography	<ul style="list-style-type: none"> • Visual impact • Crossing topographic features (watercourses) • Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Surface Water	<ul style="list-style-type: none"> • Surface water pollution due to spillages and poor construction practices • Encroachment of construction activities into riparian zones / wetlands • Impacts where the powerline crosses watercourses, such as: • Loss of riparian and instream vegetation within construction domain • Destabilisation of banks of watercourses • Sedimentation 	<ul style="list-style-type: none"> • River Health Impact Assessment and Wetland/Riparian Habitat Delineation • 1:100 Year Floodline Analysis • EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> • Impacts to sensitive terrestrial ecological features • Potential loss of significant flora and fauna species • Damage / clearance of habitat of conservation importance in construction domain • Proliferation of exotic vegetation 	<ul style="list-style-type: none"> • Terrestrial Ecological Assessment • Avifauna Impact Assessment • Search, Rescue and Relocation Plan of Flora/Fauna, if necessary • EMPr

Public Meeting

March 2018

Slide #21

Environmental Authorisation Process

Potential Impacts – Construction Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Capability	<ul style="list-style-type: none"> • Loss of cultivated land within construction domain • Loss of grazing land within construction domain • Risk to livestock and game from construction activities • Disruptions to farming operations • Loss of fertile soil through land clearance 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-Economic Impact Assessment • EMPr
Land Use	<ul style="list-style-type: none"> • Loss of land used for agriculture • Servitude restrictions 	<ul style="list-style-type: none"> • Agricultural Impact Assessment • Socio-economic Impact Assessment • EMPr
Heritage	<ul style="list-style-type: none"> • Possible disturbance and destruction of heritage resources 	<ul style="list-style-type: none"> • Phase 1 Heritage Impact Assessment • EMPr
Air Quality	<ul style="list-style-type: none"> • Excessive dust levels • Greenhouse gas emissions 	<ul style="list-style-type: none"> • EMPr
Noise	<ul style="list-style-type: none"> • Localised increases in noise during construction 	<ul style="list-style-type: none"> • EMPr
Traffic	<ul style="list-style-type: none"> • Increase in traffic on the local road network • Risks to road users 	<ul style="list-style-type: none"> • EMPr
Visual Quality	<ul style="list-style-type: none"> • Visual quality and sense of place to be adversely affected by construction activities 	<ul style="list-style-type: none"> • Visual Impact Assessment • EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> • Loss of land within construction domain • Risk to livestock and game from construction activities • Nuisance from dust and noise • Influx of people seeking employment and associated impacts (e.g. foreign workforce, cultural conflicts, squatting, demographic changes, anti-social behaviour, and incidence of HIV/AIDS) • Safety and security • Use of local road network 	<ul style="list-style-type: none"> • Socio-Economic Impact Assessment • Economic Impact Assessment • EMPr

Public Meeting

March 2018

Slide #22

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Geology	<ul style="list-style-type: none"> Unsuitable geological conditions – risks to structural integrity of towers 	<ul style="list-style-type: none"> Geotechnical Study EMPr
Soil	<ul style="list-style-type: none"> Soil erosion at areas that were not suitably reinstated and rehabilitated 	<ul style="list-style-type: none"> EMPr
Topography	<ul style="list-style-type: none"> Visual impact Crossing topographic features (watercourses) Erosion of affected areas on steep slopes 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Surface Water	<ul style="list-style-type: none"> Damage to towers from major flood events Impacts to characteristics of riparian zones and wetlands at areas where they are encroached upon by the project footprint 	<ul style="list-style-type: none"> River Health Impact Assessment and Wetland/Riparian Habitat Delineation 1:100 Year Floodline Analysis EMPr
Terrestrial Ecology	<ul style="list-style-type: none"> Encroachment by exotic species through inadequate eradication programme Clearing of vegetation along servitude and maintenance road Risk to birds from collision with infrastructure and from electrocution 	<ul style="list-style-type: none"> Terrestrial Ecological Assessment Avifauna Impact Assessment Search, Rescue and Relocation Plan of Flora/Fauna, if necessary EMPr
Land Capability	<ul style="list-style-type: none"> Permanent loss of cultivated and grazing land within project footprint Loss of livestock and game through improper access control 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-Economic Impact Assessment EMPr

Public Meeting

March 2018

Slide #23

Environmental Authorisation Process

Potential Impacts – Operational Phase

Environmental Feature	Potential Impacts/Implications	Specialist Study Required/Proposed Resolution
Land Use	<ul style="list-style-type: none"> Loss of land used for agriculture Servitude restrictions 	<ul style="list-style-type: none"> Agricultural Impact Assessment Socio-economic Impact Assessment EMPr
Traffic	<ul style="list-style-type: none"> Use of permanent access and maintenance roads 	<ul style="list-style-type: none"> EMPr
Visual Quality	<ul style="list-style-type: none"> High visibility of transmission lines Inadequate reinstatement and rehabilitation of construction footprint 	<ul style="list-style-type: none"> Visual Impact Assessment EMPr
Socio-Economic Environment	<ul style="list-style-type: none"> Use of local road network for operation and maintenance purposes Safety and security issues through improper access control during inspections and maintenance activities Threats to human and animal health from EMF 	<ul style="list-style-type: none"> Socio-economic Impact Assessment Economic Impact Assessment Compensation EMPr

Public Meeting

March 2018

Slide #24

Environmental Authorisation Process

Specialist Studies

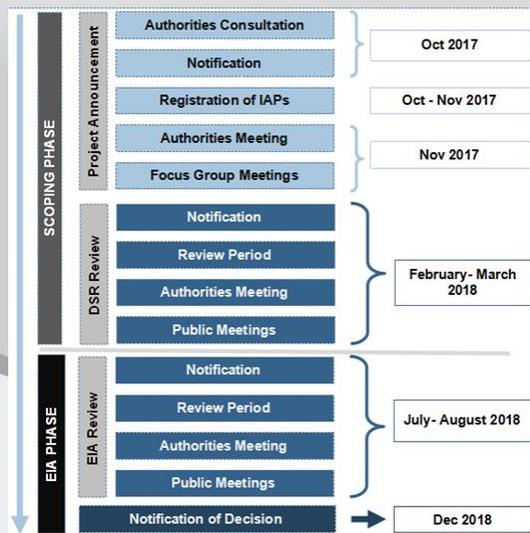
- Technical Study – Geotechnical Study
- Environmental –
 - Terrestrial Ecological Assessment
 - Avifaunal Impact Assessment
 - Heritage Impact Assessment
 - Aquatic and Wetland Assessment
 - Agricultural Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Economic Assessment

Public Meeting

March 2018

Slide #25

Public Participation Process



Public Meeting

March 2018

Slide #26

Public Participation Process

- Initial IAP Registration Period – October to November 2017
 - Newspaper Adverts
 - Mahikeng Mail
 - Vrystaat Nuus
 - Noordwester
 - Stellalander
 - Business Ink
 - Site Notices
 - Background Information Documents (BIDs)
 - Focus Group Meetings
- Draft Scoping Report Review Period (12 February to 13 March 2018)
 - Site Notices
 - BIDs
 - Public Meetings

Public Meeting

March 2018

Slide #27

Public Participation Process



Public Meeting

March 2018

Slide #28

Public Participation Process



Public Meeting

March 2018

Slide #29

Public Participation Process



Public Meeting

March 2018

Slide #30

Public Participation Process



Public Meeting

March 2018

Slide #31

Public Participation Process



Public Meeting

March 2018

Slide #32

Public Participation Process

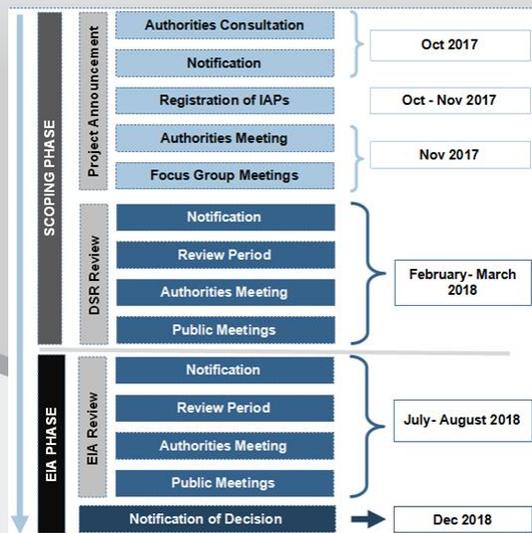
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- Scoping Phase Public Participation (**We are here**)
 - 30-Day Review Period
 - Public Meeting

Public Meeting

March 2018

Slide #33

Public Participation Process



Public Meeting

March 2018

Slide #34

Environmental Authorisation Process

EIA Report

- Public Participation Process
- Assess the Findings of the Specialist Studies
- Compile a Sensitivity Map
- Identify Potential Environmental Impacts
- Identify which Alternative Route is the Best Practical Environmental Option (BPEO)
- Recommend Mitigation Measures to Reduce any Impacts the Project may have
- Develop an Environmental Management Programme (EMPr)

Public Meeting

March 2018

Slide #35

Environmental Authorisation Process

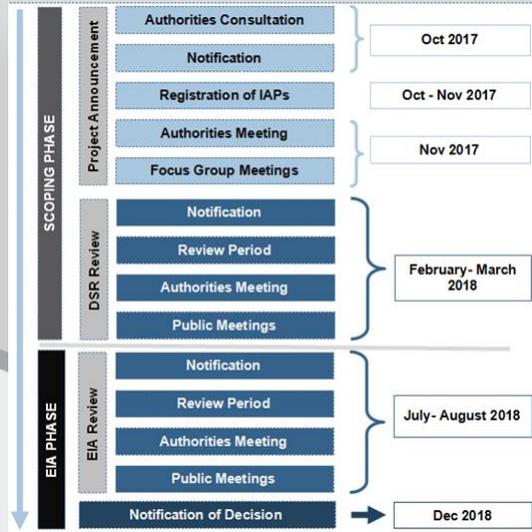
- Registered IAPs added to the IAP Database
- Comments captured in a Comments and Responses Report
- EIA Phase Public Participation
 - 30-Day Review Period
 - Public Meeting
- All registered IAPs will be notified of DEA's decision

Public Meeting

March 2018

Slide #36

Environmental Authorisation Process



Public Meeting

March 2018

Slide #37

Questions?

Thank you for your time and for attending the Public Meeting!

26.10.2017 13:24

Public Meeting

March 2018

Appendix 11I: Focus Group Meeting 04

	Minutes of Focus Group Meeting 04	Queries:	Kristy Robertson ☎ 011 781 1730 ☎ 011 781 1731 ✉ kristyr@nemai.co.za
Client		Project Name:	Mookodi-Mahikeng 400kV Powerline
		Project Number:	10645
Date:	07 March 2018	Time:	13H00-14H00
Chairman:	K. Robertson	Venue:	Farm in Setlagole

Attendees	Organisation & Designation	Contact Number	Email
S. Vilakazi	Eskom: Environmental Manager	082 885 8114	VilakazS@eskom.co.za
K. Robertson	Nemai: Environmental	072 769 2850	kristyr@nemai.co.za
D. Henning	Nemai: Facilitator	076 694 2913	donavanhnemai.co.za
O. Modibane	Nemai: Environmental	011 781 1730	olebogengm@nemai.co.za
E. van Wyk	Agri North West - Chairman	082 389 9422	ebvanwyk@gmail.com
R. Hobson	Agri North West	082 944 6160	richard@botselo.co.za

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	D. Henning welcomed everyone to the meeting.	-	-
1.2.	Apologies were noted for Q. Melato (Eskom Grid Planner).	-	-
2.	Attendance Register		
2.1.	Attendance register was circulated and signed. Refer to <i>Annexure 1</i> for a copy of the Attendance Register.	-	-
3.	Purpose of the Public Meeting		
3.1.	D. Henning stated that the purposed of the public meeting was as follows: <ul style="list-style-type: none"> To introduce the project team; To provide an introduction and background to the proposed project; To discuss the Environmental Authorisation Process; To provide an opportunity for Interested and Affected Parties to raise issues and concerns related to the project; and To outline the way forward for the Scoping & EIA Process. 	-	-
4.	Project Overview		
4.1.	K. Robertson provided an overview of the proposed project description and motivation.	-	-
5.	Environmental Authorisation Process		
5.1.	K. Robertson provided an overview of the Scoping and Environmental Impact Assessment (EIA) Process.	-	-
6.	Questions		

Item	Details	Action	Target Date
6.1.	<p>R. Hobson requested the list of his affected properties by the four proposed route alternatives for the powerline. K. Robertson stated that the following properties were affected:</p> <p><u>Option 1:</u> Portion 3 of Farm Hakbush Pan 523 IO Portion 10 and 11 of Farm Nonen Ranch 584 IO</p> <p><u>Option 2:</u> Portion 10 of Farm Nonen Ranch 584 IO</p> <p><u>Option 3:</u> Portion 3 of Farm Hakbush Pan 523 IO Portion 10 of Farm Nonen Ranch 584 IO</p> <p><u>Option 4:</u> Portion 3 of Farm Hakbush Pan 523 IO Portion 4 of Farm Hartebeest Pan 308 IN Portion 1 of Farm Papiessvlakke 323 IN RE of Farm Papiessvlakke 323 IN</p> <p>R. Hobson stated that he is highly affected by the proposed project and requested maps for each of his properties to show where exactly the routes run.</p>	Nemai to send maps to R. Hobson	TBC
6.2.	<p>K. Robertson provided an overview of the concerns raised at the Vryburg Public Meeting to E. van Wyk:</p> <ul style="list-style-type: none"> • Impacts on farming (EMF effect on cattle fertility); • Access control (Safety and Security) during the construction of the project; and • Compensation. 	-	-
6.3.	<p>D. Henning explained that once a route is authorised by the Department of Environmental Affairs (DEA), Eskom then proceed to position the exact location of the centreline within the approved 2km corridor. Eskom then approach the landowners within the 55m servitude where the negotiation process takes place. During this process, Eskom try to avoid all existing structures such as boreholes, and where they can't then they negotiate with the landowner to replace the structures at Eskom's cost. Eskom then provide the landowner with an offer after the land has been valuated, and the owner can then accept the offer with setting certain conditions in place. Then the compensation process takes places.</p>	-	-
6.4.	<p>E. van Wyk stated that security is a huge issue at the moment for the farmers in the area. D. Henning noted this and explained that Agri Vryburg have offered to send through their Access Control to Farms Guidelines to be included in the Environmental Management Programme (EMPr) for the project.</p>	-	-

Item	Details	Action	Target Date
6.5.	K. Robertson requested if E. van Wyk could provide the contact details for the Traditional Authority in the area. E. van Wyk provided Chief Ronnie Tawana's details, who represents the Madibe Makgabane Tribal Authority. K. Robertson to ensure the Chief is informed about the project. E. van Wyk stated that this Traditional Authority are responsible for the area from Heath Farm to Molopo Ratshidi.	Nemai to ensure notification about the project is sent to Chief Ronnie Tawana	TBC
6.6.	D. Henning stated that not all landowners along all four alternative routes have been notified of the project at this stage, due to the extent of the project. E. van Wyk offered to provide contact details of the landowners that have not yet been identified.	Nemai to send Database to E. van Wyk for input	TBC
6.7.	E. van Wyk thanked Nemai for the update on the project. K. Robertson provided an overview of the timeframes for the project as well as the public participation process for the EIA Phase of the project.	-	-
7.	Closure and Way forward		
7.1.	Meeting was closed at 14H00.	-	-

Item	Annexure Items
1.	Attendance Register

Minutes Compiled By:

Nemai Consulting

Kristy Robertson

20 March 2018

Annexure 1 - Attendance Register

 Client	Focus Group Meeting 03		Project Name: Mookodi-Mahikeng 400kV Line	Kristy Robertson +27 11 781 1730 +27 11 781 1731 kristyr@nema.co.za
	Eskom	Project Number: 10645	Project Name: Mookodi-Mahikeng 400kV Line	Queries:
	Date: 07 March 2018		Time: 13H00-14H00	
	Chairman: D. Henning		Venue: Setlagole	

Representative Name and Surname	Name of Organisation	Designation	Contact Details	Postal / Street Address	Sign
Kristy Robertson	Nemai Consulting	Environmental	+27 11 781 1730 kristyr@nema.co.za	147 Bram Fischer Driver, Ferndale	
Donavan Henning	Nemai Consulting	Facilitator	+27 11 781 1730 donavanh@nema.co.za	147 Bram Fischer Driver, Ferndale	
Olebogeng Modibane	Nemai Consulting	Environmental	+27 11 781 1730	147 Bram Fischer Driver, Ferndale	
Sebenzile Vilakazi	Eskom	EIA Manager	+27 11 800 4902 VilakazS@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Queen Melato	Eskom	Chief Engineer	+27 11 800 3950 melatope@eskom.co.za	Eskom Megawatt Park, 1 Maxwell Dr, Sunninghill	
Keric v Wyk	Agri NW	Chairman Eskom	082 3899422	P.O. Box 117 Moretane 2715	
R. Hobson	Agri NW		0829441160	Box 332 Moretane	