

OMGEWINGSIMPAKEVALUERINGSPROSES

BYKOMENDE KSK-AANLEGTE WAT GEPAARD GAAN MET DIE GEMAGTIGDE KSK-TERREINE (1.3, 1.4, 3, 4 & 5) SOWEL AS GEPAARDGAANDE LINEERE INFRASTRUKTUUR IN DIE KAROSHOK

SONVALLEIPARK, NOORD-KAAPROVINSIE

OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooide registrasie/kommentaar vorm aan: **Gabriele Wood** van **Savannah Environmental (Edms.) Bpk**

Faks: 086 699 5796

Telefoon: 011 6563237

E-pos: gabriele@savannahsa.com

Posadres: **Posbus 148 Sunninghill 2157**

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:	BURGER VAN STADEN		
Organisasie & Rol:	AANGRENSENDE GRONDEIGENAAR		
Posadres:	ALBATROS STR. 3		
	UPINGTON		
Telefoon:	054 3311378	Selfoon:	082 927 8019
Faks:	054 3311378	E-pos:	vanstadenboerdery@yahoo.com

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

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

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

DIREKTE IMPAK OP MY OMGEWING.

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

VERLANG KORRESPONDENSIE + KAAFT VAN PROJIE

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

Naam & Van:			
Organisasie & Rol:			
Posadres:			
Telefoon:		Selfoon:	
Faks:		E-pos:	



(Sien omkeer bladsy vir Engels)

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
ADDITIONAL CSP FACILITIES ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5), AS
WELL AS ASSOCIATED LINEAR INFRASTRUCTURE WITHIN THE KAROSHOEK SOLAR VALLEY PARK,
NORTHERN CAPE PROVINCE
STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:	Burger van Staden		
Organisation & Designation:	Adjacent Landowner		
Postal Address:	3 Albatros Street		
	Upington		
Telephone:	054-331-1378	Cellphone:	082-927-8019
Fax:	054-331-1378	E-mail:	vanstadenboerdery@yahoo.com

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

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

Direct impact on my surroundings.

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

Requests correspondence and a consolidated map of all the projects.

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

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



(Sien keersy vir Afrikaans)

OMGEWINGSIMPAKEVALUERINGSPROSES

BYKOMENDE KSK-AANLEGTE WAT GEAARD GAAN MET DIE GEMAGTIGDE KSK-TERREINE (1.3, 1.4, 3, 4 & 5) SOWEL AS GEAARDGAANDE LINEERE INFRASTRUKTUUR IN DIE KAROSHOEK SONVALLEIPARK, NOORD-KAAPROVINSIE
OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooidde registrasie/kommentaar vorm aan: **Gabriele Wood** van **Savannah Environmental (Edms.) Bpk**

Faks: 086 699 5796

Telefoon: 011 6563237

E-pos: gabriele@savannahsa.com

Posadres: **Posbus 148 Sunninghill 2157**

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

Stanil Strauss	
Bus 106	
Upington 8800	
	Selfoon: 083 749 2885
	E-pos:

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

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

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

klar is reeds servantiut geregestreer op my pleus Rest Vaalkopp 40 40 6

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

Had konse sel dit vat uer registrasie uer servantiut en prys bepaling op lys ditte wat konse konse afge, insalderap/klendei

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

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

	Selfoon:
	E-pos:



(Sien omkeer bladsy vir Engels)

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ADDITIONAL CSP FACILITIES ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5), AS
WELL AS ASSOCIATED LINEAR INFRASTRUCTURE WITHIN THE KAROSHOEK SOLAR VALLEY PARK,
NORTHERN CAPE PROVINCE
STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:	Danie Strauss		
Organisation & Designation:			
Postal Address:	PO Box 106		
	Upington 8800		
Telephone:		Cellphone:	083-749-2885
Fax:		E-mail:	

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

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

A servitude is already registered on my farm (Rest Vaalkopp 40 No 6).

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

1. How long will it take for the registration of the servitude and determining the cost of the power line?
2. The heat emitted from the tower will have an impact on tenant.

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

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



(Sien keersy vir Afrikaans)

OMGEWINGSIMPAKEVALUERINGSPROSES

BYKOMENDE KSK-AANLEGTE WAT GEPAARD GAAN MET DIE GEMAGTIGDE KSK-TERREINE (1.3, 1.4, 3, 4 & 5) SOWEL AS GEPAARDGAANDE LINEERE INFRASTRUKTUUR IN DIE KAROSHOCK SONVALLEIPARK, NOORD-KAAPPROVINSIE
OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooide registrasie/kommentaar vorm aan: **Gabriele Wood** van **Savannah Environmental (Edms.) Bpk**

Faks: 086 699 5796

Telefoon: 011 6563237

E-pos: gabriele@savannahsa.com

Posadres: **Posbus 148 Sunninghill 2157**

Verskaf aseblief u persoonlike kontak besonderhede:

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

Erno Krapohl	
Olienhof Boerdery (huurder van grond)	
Posbus 10 Leerkrans 8818	
	Selfoon: 0825616282
0866759125	E-pos: krapohlcrans@lanzie.net

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

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

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

EK is in huurder van een vandie plase wat ontwikkel gaan word. en in plaaslike inwoner.

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

EK soek asb in kaart van die verskillende ontwikkelings.

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

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

	Selfoon:	
	E-pos:	



(Sien omkeer bladsy vir Engels)

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WELL AS ASSOCIATED LINEAR INFRASTRUCTURE WITHIN THE KAROSHOEK SOLAR VALLEY PARK,
NORTHERN CAPE PROVINCE
STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:	Elno Krapohl		
Organisation & Designation:	Olienhof Boerdery (renting the land)		
Postal Address:	PO Box 10		
	Leerkrans, 8818		
Telephone:		Cellphone:	082-561-6282
Fax:	086-675-9125	E-mail:	krapohltrans@lantic.net

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

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

I'm renting the land on which one of the projects are proposed on, as well as a local resident.

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

Request the consolidated map with all the projects.

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

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



(Sien keersy vir Afrikaans)

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OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooide registrasie/kommentaar vorm aan: Gabriele Wood van Savannah Environmental (Edms.) Bpk

Faks: 086 699 5796

Telefoon: 011 6563237

E-pos: gabriele@savannahsa.com

Posadres: Posbus 148 Sunninghill 2157

Verskaf aseblief u persoonlike kontak besonderhede:

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

JOHAN V/D COLFF	
CARPE DIEM EIGENAAR.	
BUS 1928	
084 331 3829.	Selfoon: 0833 240 340.
084 331 3827.	E-pos: jgvdc@carpedielfarms.co.za

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

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

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

Die Ilanga projek sal aan my plaas grens.

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

- 1) Veiligheid en sekuriteit is in bekommernis, hoe sal dit verseker word?
- 2) Ons teel eksotiese wilden het die plaas gekoop a.g.v. die lokaliteit. Die projekte kan die besigheid negatief beïnvloed.

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

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

	Selfoon:	
	E-pos:	

3) Visueel is die torings 'n probleem.



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NORTHERN CAPE PROVINCE
STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:	Johan van der Colff		
Organisation & Designation:	Owner of Carpe Diem		
Postal Address:	PO Box 1928		
	Upington		
Telephone:	054-331-3829	Cellphone:	083-324-0340
Fax:	054-331-3827	E-mail:	gogvdc@carpediemfarms.co.za

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

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

The Ilanga project is proposed adjacent to my farm.

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

1. Safety and security will be an issue. How will it be ensured?
2. We are farming with exotic game and the main reason we bought the farm is due to its locality. The project will have a negative impact on the business.
3. The towers will have a visual impact.

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

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



(Sien keersy vir Afrikaans)

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STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:

Organisation & Designation:

Postal Address:

Telephone:

Fax:

S.C. WANI		
MATJIESRIVER		
Box 995 UPINGTON		
	Cellphone:	0793023791
	E-mail:	

Would you like to register as an interested and affected party (I&AP)? YES

(please tick the relevant box)

NO

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

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

WHY DOES THE PROJECT PERSONNEL NEVER CONTACT US.
WE ARE LEFT IN THE DARK.

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

Name & Surname:

Organisation & Designation:

Postal Address:

Telephone:

Fax:

	Cellphone:	
	E-mail:	



(Sien keersy vir Afrikaans)

OMGEWINGSIMPAKEVALUERINGSPROSES

BYKOMENDE KSK-AANLEGTE WAT GEPAARD GAAN MET DIE GEMAGTIGDE KSK-TERREINE (1.3, 1.4, 3, 4 & 5) SOWEL AS GEPAARDGAANDE LINEERE INFRASTRUKTUUR IN DIE KAROSHOEK SONVALLEIPARK, NOORD-KAAPROVINSIE
OPENBARE DEELNAMEPROSES REGISTRASIE/KOMMENTAAR VORM

Stuur voltooide registrasie/kommentaar vorm aan: **Gabriele Wood** van **Savannah Environmental (Edms.) Bpk**

Faks: 086 699 5796

Telefoon: 011 6563237

E-pos: gabriele@savannahsa.com

Posadres: **Posbus 148 Sunninghill 2157**

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:

Leon Olivier

Organisasie & Rol:

Posadres:

Posbus 1903, Uppington

Telefoon:

-

Selfoon:

0835545722

Faks:

0866759123

E-pos:

olivierl@lantia.net

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

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

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

EK huur eiendom aan die oorkant van die N10 van die voorgestelde CSP 3, CSP 4 en CSP 5. Word dus geaffekteer.

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

--

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

Naam & Van:

Organisasie & Rol:

Posadres:

Telefoon:

Faks:

	Selfoon:	
	E-pos:	



(Sien omkeer bladsy vir Engels)

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
ADDITIONAL CSP FACILITIES ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5), AS
WELL AS ASSOCIATED LINEAR INFRASTRUCTURE WITHIN THE KAROSHOEK SOLAR VALLEY PARK,
NORTHERN CAPE PROVINCE
STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: **Gabriele Wood** of **Savannah Environmental (Pty) Ltd**

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:	Leon Olivier		
Organisation & Designation:			
Postal Address:	PO Box 1903		
	Upington		
Telephone:	-	Cellphone:	083-554-5722
Fax:	086-6759123	E-mail:	olivierl@lantic.net

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

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

I am currently renting a properties across the N10 (across the proposed CSP 3, CSP 4 and CSP 5). Thus, I will be affected by the projects.

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

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

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



(Sien keersy vir Afrikaans)

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ADDITIONAL CSP FACILITIES ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5), AS WELL AS ASSOCIATED LINEAR INFRASTRUCTURE WITHIN THE KAROSHOEK SOLAR VALLEY PARK, NORTHERN CAPE PROVINCE

STAKEHOLDER REGISTRATION /COMMENT SHEET

Return completed reply form to: Gabriele Wood of Savannah Environmental (Pty) Ltd

Fax: 086 699 5796

Phone: 011 6563237

E-mail: gabriele@savannahsa.com

Postal Address: P O Box 148 Sunninghill 2157

Please provide your complete contact details:

Name & Surname:

Organisation & Designation:

Postal Address:

Telephone:

Fax:

Marius Oiffer	
Farmer / Trooi / upspar 53	
Private Bag X5879, Nr. 105	
Upington, 08800	
(054) 331-3336	Cellphone: 082 373 1465
(054) 331-3333	E-mail: marius.oudm@yahoo.com

Would you like to register as an interested and affected party (I&AP)? YES NO

Note: Please register as an I&AP to receive further correspondence regarding the EIA process for the project. Once registered on the project database, your contact details MAY be included in public documentation.

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

Concerned Farmer / Farm right next to some of sites

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

1. Security of our game and property
2. Visual effect, one tower will be right on our doorstep. / we bought farm to be away from all lights.
3. Effect on weather / rainfall / temperatures.

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

Name & Surname:

Organisation & Designation:

Postal Address:

Telephone:

Fax:

 		
 		
 		
 	Cellphone:	
 	E-mail:	



(Sien keersy vir Afrikaans)



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

ADDITIONAL CSP FACILITIES (ILANGA CSP 2 - 5 & ILANGA CSP TOWER 1) ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5); ILANGA CSP 7, 8 AND 9 AND ASSOCIATED INFRASTRUCTURE (POWER LINE, GRID CONNECTION INFRASTRUCTURE & ACCESS ROADS) WITHIN THE KAROSHOEK SOLAR VALLEY DEVELOPMENT, NORTHERN CAPE

EIA PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

NORTHERN CAPE DEPARTMENT OF ENVIRONMENT AND NATURE CONSERVATION (DENC) AND DEPARTMENT OF AGRICULTURE, FORESTRY & FISHERIES

HELD ON

THURSDAY 5 MAY 2016

VENUE

DEPARTMENT OF AGRICULTURE, FORESTRY & FISHERIES:
FORESTRY MANAGEMENT, LOUISVALE RD, UPINGTON

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

Address: PO Box 148
Sunninghill, 2157

Tel: 011 656 3237

Fax: 086 684 0547

E-mail: gabriele@savannahsa.com

Notes for the Record prepared by:

Savannah Environmental

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

**ADDITIONAL CSP FACILITIES (ILANGA CSP 2 - 5 & ILANGA CSP TOWER 1)
ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5); ILANGA CSP 7, 8
AND 9 AND ASSOCIATED INFRASTRUCTURE (POWER LINE, GRID CONNECTION
INFRASTRUCTURE & ACCESS ROADS) WITHIN THE KAROSHOEK SOLAR VALLEY
DEVELOPMENT, NORTHERN CAPE**

Venue: Department of Agriculture, Forestry & Fisheries: Forestry Management,
Louisvale Rd, Upington
Date: Thursday 5 May 2016
Time: 09:00

WELCOME AND INTRODUCTION

Gabriele Wood of Savannah Environmental welcomed all in attendance and introduced herself as the public participation and social consultant for the Environmental Impact Assessment (EIA) and Basic Assessment processes being undertaken for the following projects:

1. Additional CSP facilities (Ilanga CSP 2 – 5 & Ilanga CSP Tower 1) associated with the authorised CSP sites (1.3, 1.4, 3, 4 & 5) located within the Karoshoek Solar Valley Development;
2. Ilanga CSP 7, Ilanga CSP 8 and Ilanga CSP 9 which are new proposed CSP facilities proposed to be located within the Karoshoek Solar Valley Development;
3. Associated infrastructure (including a power line, internal grid connection infrastructure & access roads) within the Karoshoek Solar Valley development.

Gabriele Wood noted that the projects are proposed by Emvelo Holdings (Pty) Ltd (Emvelo) and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA processes for each of the projects. She explained that the purpose of the additional CSP facilities is to facilitate the increase in capacity of each authorised facility to 150MW in order to meet the generating capacity thresholds specified by the Department of Energy's (DoE) in its Expedited Bid Window of the Renewable Energy Independent Power Producers Procurement (REIPPP) Programme (Tender No: DOE/003/13/14 – as amended from time to time).

Gabriele Wood noted that the Ilanga CSP 7, Ilanga CSP 8 and Ilanga CSP 9 are to be developed as stand-alone projects by Emvelo and will also form part of the Karoshoek Solar Valley Development. She stated that the purpose of each proposed CSP facility will be to export the generated power into the Eskom electricity grid and that these projects are proposed to be bid into future rounds of the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

In addition, it was noted that separate Basic Assessment processes would be undertaken for the associated infrastructure (i.e. grid connection infrastructure, access roads and a pipeline) required for the development.

Gabriele Wood thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft EIA Reports and projects in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Reports which would be included in the final Environmental Impact Assessment Reports that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Jacoline Mans (JM)	Department of Agriculture, Forestry and Fisheries: NFA Regulation – Chief Forester: NFA Regulation
Samantha De la Fontaine (SdIF)	Northern Cape Department of Environment and Nature Conservation – District Ecologist
Alicia Govender (AG)	Emvelo – Environmental Specialist
Pancho Ndebele (PN)	Emvelo – Director
Tebogo Mappinga (TM)	Savannah Environmental – Environmental Consultant
Thaltia Botha (TB)	Savannah Environmental – Environmental Consultant
Gabriele Wood (GW)	Savannah Environmental – Public Participation & Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

Tebogo Mappinga presented the background and introduction to each of the projects and provided an overview of the potential environmental impacts of the projects identified through the Scoping and EIA processes (refer to attached presentation).

DISCUSSION SESSION

Question / Comment	Response
SDIF: How many power lines will be investigated in the EIA process for the grid connection infrastructure?	TM: One power line will connect all of the CSP facilities to the Eskom MTS Substation, however several power line route alternatives will be assessed.
JM: How many of the Ilanga projects have received preferred bidder status?	AG: Ilanga CSP 1 is the only project which has been awarded preferred bidder status by the Department of Energy.
JM: What is the footprint of the entire Karoshoek	TM: The development footprint of each of the

Question / Comment	Response
Solar Development?	sites vary. The total development footprint is approximately 6 800 ha.
JM: How much vegetation would be cleared in total?	TM: Approximately 8 – 15% of each development footprint will be cleared of vegetation.
JM: How will you mitigate impacts on vegetation?	TM: Areas which are considered to be of very high to high ecological sensitivity are excluded from the development. Relevant permits will be applied for where sensitive areas cannot be avoided.
<p>JM: It should be noted that we will not issue new licenses until the conditions of the first license issued for Ilanga CSP 1 have been met. A condition of the license is that we require progress reports to be submitted every 6 months.</p> <p>In terms of issuing an extended license, I will need to know what percentage of vegetation has already been cleared. In addition, I will need a map that will show me what area the extension of the license would be relevant to and the remaining footprint that still needs to be cleared.</p> <p>I suggest that you apply for licenses in phases as they are needed. The licenses are valid for a two-year period.</p>	<p>AG: Comment noted. The delay in submitting the progress reports was due to the fact that construction commenced in October 2015 so we have not reached the 6-month point as yet. However, the progress report will be submitted to you shortly.</p> <p>PN: The extension of the license is required to cover the related construction activities namely the construction of the transmission lines and pipeline which would occur after the plant is constructed. It is agreed that future licenses would be applied for in a phased approach.</p>
<p>JM: The cumulative impact of all these projects is a concern to DAFF and DENC. We realise that the site is located within a Renewable Energy Development Zone (REDZ) but nevertheless, the impacts on the <i>Boscia</i> species will be significant and cannot be mitigated. A biodiversity offset may be triggered if more of these projects are awarded preferred bidder status and proceed to construction. Negotiations should be commenced with DAFF: NFA Regulation and DENC if a biodiversity offset is triggered as soon as possible as this may delay the process in obtaining the flora permit and NFA license.</p> <p>A land offset is preferred to ensure that the affected vegetation types are conserved elsewhere. A land offset will need to undergo a formal declaration process under NEMA or NEMPA which is a lengthy process.</p> <p>Licenses are usually issued once we have received written commitment from the developer to implement a land offset.</p>	<p>PN: Comments noted. Can greening activities and the offset be located within the area where we are developing? We want to implement greening initiatives that will empower local communities by creating potential income streams for communities. What initiatives would DAFF and DENC like us to implement in terms of greening and a biodiversity offset.</p>
JM: From DAFF's perspective greening plans are	PN: A land offset could potentially be located


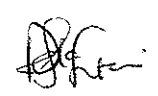



Question / Comment	Response
<p>regarded as a mitigation and not an offset. You will note that in the initial license provided you with options to plant trees and/or donate trees to communities.</p> <p>In terms of cumulative impacts, once a development exceeds a certain threshold greening is no longer regarded sufficient. If a biodiversity offset is required, we would like to see a land offset being implemented to create a conservation area. Land offsets can still benefit the community if it is declared a nature reserve and/or the land is donated to the community, communities could build ecotourism facilities/activities.</p> <p>The location of the declared area would need to be negotiated. We would need to understand the vegetation types that the development would impact on and whether a significant contribution to biodiversity conservation is made. If the area within the development footprint is totally degraded, it would not be an appropriate area for a land offset.</p>	<p>within the Karoshoek Solar Valley development area since the development footprint for these projects would be approximately 6 800 ha of 25 000ha – 30 000ha. The remaining land would remain undeveloped.</p>
<p>JM: Did you purchase the land or are you leasing it from landowners on a long-term basis?</p>	<p>PN: The farm portion for Ilanga CSP 1 has been secured and we plan to purchase the remaining farms outright.</p>
<p>JM: A 20 000 ha nature reserve would make a meaningful contribution to biodiversity conservation.</p>	<p>Comment noted.</p>
<p>SDIF: Please can you forward me a kml file showing all the CSP projects and related infrastructure?</p>	<p>GW: A kml map will be sent to you as requested.</p>
<p>SDIF: The sensitivity map for the Ilanga Tower 1 illustrates an avifauna sensitive area, however, the infrastructure shows that an evaporation pond is planned to be located within that area. The evaporation pond would likely attract the birds to the tower facility. The evaporation pond should be located outside of the avifauna sensitivity area.</p>	<p>TM: Noted, the evaporation pond will be relocated outside of the avifauna sensitive area.</p>
<p>SDIF: The sensitivity map for CSP 4 shows an area of high ecological sensitivity. What does this high ecological sensitivity area comprise of? It seems as though the developer is planning to develop on this area.</p>	<p>TM: The area of high ecological sensitivity has been identified as a pan. The ecologist stated that the pan is so small that it would be considered acceptable loss, however mitigation measures proposed by the Ecologist and the Avifaunal Specialist should be implemented.</p>
<p>SDIF: I noted that a stone age site has been identified on the Ilanga CSP2 site. Have you received permission from SAHRA to remove the stone age site?</p>	<p>TM: SAHRA is being consulted as part of the EIA process. The relevant permits will be applied for to remove the stone age site if the project is awarded preferred bidder status.</p>


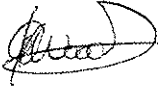
Question / Comment	Response
	PN: Sensitive areas of this nature are likely to be avoided when the layout is finalised.

WAY FORWARD AND CLOSURE

Gabriele Wood stated that I&APs could submit their written comments on the EIA Reports and proposed project to Savannah Environmental. She noted that the comments received would be included in the final EIA Reports that would be submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD				ATTENDANCE REGISTER	
Project	Kroosnek Solar Valley / Ilango CSP & Infrastructure			Meeting	DAFF: Forestry Management & DENC
Date	5 May 2016	Time	9:00	Venue	DAFF office, Louisvale Road, Uppington

	Organisation	Name & Postal Address	Contact Details	Signature
1	Emvelo	Alicia Govender	Tel : Fax : Cell : 0837840460 E-mail : alicia@emvelo.co.za	
	Designation			
	Env. Specialist			
2	DENC	Samantha De la Fontaine Provincial building Uppington 801	Tel : Fax : Cell : 0728605478 E-mail : sdelafontaine@qmail.co	
	Designation			
	District Ecologist			
3	DAFF		Tel : Fax : Cell : 073 3965310 E-mail :	
	Designation	NFA REGULATION		
	INTERIT			
4	DAFF	Jacoline Mans PO Box 2782 Uppington, 8800	Tel : 054 338 5909 Fax : 054 334 0030 Cell : 082 808 2737 E-mail : Jacoline.Mans@daff.gov.za	
	Designation			
	Chief Forester: NFA Regulation			
5	Emvelo	Pancho Ndihle	Tel : 050 593 0440 Fax : Cell : E-mail :	
	Designation			
	billcom			

Organisation	Name & Postal Address	Contact Details	Signature
Savannah	Thalita Bethe	Tel : 011 656 3231	
Designation		Fax :	
		Cell : E-mail :	
Savannah Environmental	G. Wood	Tel : 011 656 3237	
Designation		Fax :	
		Cell : 083 458 5570 E-mail : gabriele@savannahsa.com	
		Tel :	
Designation		Fax :	
		Cell : E-mail :	
		Tel :	
Designation		Fax :	
		Cell : E-mail :	
		Tel :	
Designation		Fax :	
		Cell : E-mail :	



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

ADDITIONAL CSP FACILITIES (ILANGA CSP 2 - 5
& ILANGA CSP TOWER 1) ASSOCIATED WITH
AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5);
ILANGA CSP 7, 8 AND 9 AND ASSOCIATED
INFRASTRUCTURE (POWER LINE, GRID
CONNECTION INFRASTRUCTURE & ACCESS
ROADS) WITHIN THE KAROSHOEK SOLAR
VALLEY DEVELOPMENT, NORTHERN CAPE

EIA PHASE

PUBLIC PARTICIPATION PROCESS

FOCUS GROUP MEETING

DEPARTMENT OF WATER AND SANITATION

HELD ON

THURSDAY 5 MAY 2016

VENUE

DEPARTMENT OF WATER AND SANITATION, LOUISVALE RD,
UPINGTON

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

Address: PO Box 148
Sunninghill, 2157

Tel: 011 656 3237

Fax: 086 684 0547

E-mail: gabriele@savannahsa.com

Notes for the Record prepared by:

Savannah Environmental

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

**ADDITIONAL CSP FACILITIES (ILANGA CSP 2 - 5 & ILANGA CSP TOWER 1)
ASSOCIATED WITH AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5); ILANGA CSP 7, 8
AND 9 AND ASSOCIATED INFRASTRUCTURE (POWER LINE, GRID CONNECTION
INFRASTRUCTURE & ACCESS ROADS) WITHIN THE KAROSHOEK SOLAR VALLEY
DEVELOPMENT, NORTHERN CAPE**

Venue: Department of Water and Sanitation, Louisvale Rd, Upington
Date: Thursday 5 May 2016
Time: 09:00

WELCOME AND INTRODUCTION

Gabriele Wood of Savannah Environmental welcomed all in attendance and introduced herself as the public participation and social consultant for the Environmental Impact Assessment (EIA) and Basic Assessment processes being undertaken for the following projects:

1. Additional CSP facilities (Ilanga CSP 2 – 5 & Ilanga CSP Tower 1) associated with the authorised CSP sites (1.3, 1.4, 3, 4 & 5) located within the Karoshoek Solar Valley Development;
2. Ilanga CSP 7, Ilanga CSP 8 and Ilanga CSP 9 which are new proposed CSP facilities proposed to be located within the Karoshoek Solar Valley Development; and
3. Associated linear infrastructure (including a power line, internal grid connection infrastructure, extraction point and the water pipelines & access roads) within the Karoshoek Solar Valley development.

Gabriele Wood noted that the projects are proposed by Emvelo Eco Holdings (Pty) Ltd (Emvelo) and that Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultancy to undertake the EIA processes for each of the projects. She explained that the purpose of the additional CSP facilities is to facilitate the increase in capacity of each authorised facility to 150MW in order to meet the generating capacity thresholds specified by the Department of Energy's (DoE) in its Expedited Bid Window of the Renewable Energy Independent Power Producers Procurement (REIPPP) Programme (Tender No: DOE/003/13/14 – as amended from time to time).

Gabriele Wood noted that the Ilanga CSP 7, Ilanga CSP 8 and Ilanga CSP 9 are to be developed as stand-alone projects by Emvelo and will also form part of the Karoshoek Solar Valley Development. She stated that the purpose of each proposed CSP facility will be to export the generated power into the Eskom electricity grid and that these projects are proposed to be bid into future rounds of the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme.

In addition, it was noted that separate Basic Assessment processes would be undertaken for the associated infrastructure (i.e. grid connection infrastructure, access roads and a pipeline) required for the development.

Gabriele Wood thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to introduce the project, and obtain comments on the draft EIA Reports and projects in general. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Reports which would be included in the final Environmental Impact Assessment Reports that would be submitted to the Department of Environmental Affairs.

MEETING ATTENDEES

Name	Organisation & Position
Shaun Cloete	Department of Water and Sanitation
Alicia Govender (AG)	Emvelo – Environmental Specialist
Pancho Ndebele (PN)	Emvelo – Director
Tebogo Mapinga (TM)	Savannah Environmental – Environmental Consultant
Thalita Botha (TB)	Savannah Environmental – Environmental Consultant
Gabriele Wood (GW)	Savannah Environmental – Public Participation & Social Consultant

APOLOGIES

None

PROJECT BACKGROUND

Tebogo Mapinga presented the background and introduction to each of the projects and provided an overview of the potential environmental impacts of the projects identified through the Scoping and EIA processes (refer to attached presentation).

DISCUSSION SESSION


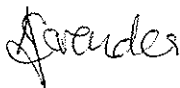



Question / Comment	Response
SC: The comments provided at this meeting must be considered as comments received from the Department of Water and Sanitation (DWS) on the EIA process. We will sign-off on the minutes which can be included in the final EIA Report. The DWS usually submits standard comments on EIA Reports.	GW: Comment noted, the minutes of the meeting will be sent to your office in due course.
SC: A new administration process is being implemented by DWS where applicants are required to register their intent to submit a water	AG: Forms for each project will be submitted to the DWS as required.


Question / Comment	Response
use license application (WULA). A form is required to be completed and returned for each project.	
SC: It should be noted that there is no water available in the Orange River, it is in a negative state. However, renewable energy projects are considered as strategic water users and therefore WULAs will be prioritised and water will be provided. The DWS urges developers to investigate ways in which to treat and reuse water in their project scope.	Comment noted.
SC: In terms of the WULA, power lines and pipe lines will trigger Sections (c) and (i) of the National Water Act (Act No. 36 of 1998). The blown down going to the evaporation pond will trigger Section 21(h) of the National Water Act. The designs for the evaporation ponds are to be included in the WULA.	TM: Comment noted, the relevant listed activities will be applied for going forward.
SC: How will sewerage be managed on the site?	TM: Closed septic tank systems will be installed.
SC: The Municipality's waste water treatment facilities are constrained and will not have sufficient capacity to take on sewerage. Developers are advised to develop solutions to reduce and treat waste.	PN: We will consider ways in which to reuse and recycle water from the evaporation ponds for other uses such as cleaning and ablution facilities in order to reduce our footprint on the water we plan to abstract from the river. If more of our projects receive preferred bidder status and proceed with construction, we would like to establish public private partnerships (PPPs) with the relevant stakeholders to develop a new waste treatment plant.
SC: Is the ground water resource sufficient for these projects?	PN: We have undertaken hydrological pump tests and these have demonstrated that the ground water is insufficient for these projects.

WAY FORWARD AND CLOSURE

Gabriele Wood stated that I&APs could submit their written comments on the EIA Reports and proposed project to Savannah Environmental. She noted that the comments received would be included in the final EIA Reports that would be submitted to the Department of Environmental Affairs. She thanked the meeting attendees for availing themselves and closed the meeting.

SAVANNAH ENVIRONMENTAL (PTY) LTD				ATTENDANCE REGISTER	
Project	Karoohoek Sabir Valley + Ilonga CSP + Infrastructure Projects			Meeting	Department of Water + Sanitation
Date	5 May 2016	Time	10:00	Venue	DWS offices, Louisa Road, Uppington

	Organisation	Name & Postal Address	Contact Details	Signature
1	Savannah Environmental	Moliso BATHO	Tel : 011 656 3237	
	Designation		Fax : Cell : E-mail :	
	Environmental Consultant			
2	Envelo	Alicia Govender	Tel : Fax :	
	Designation		Cell : 083 784 0460 E-mail : alicia@envelo.co.za	
	Env. Specialist			
3	DIREKTOR	PANCHO MBESELE	Tel : 010 595 0440	
	Designation		Fax : Cell : E-mail :	
	Environmental Officer			
4	DWS	Shreem Chote	Tel : 052 338 5800	
	Designation		Fax : Cell : 083 635 5642 E-mail : chotes@dwagovr	
	Savannah Environmental			
5		Tebejo Maping	Tel : 011 656 3237	
	Designation		Fax : Cell : E-mail :	

	Organisation	Name & Postal Address	Contact Details	Signature
	Savannah Environmental	G. Wood	Tel : 011 656 3237	
	Designation		Fax :	
			Cell :	
			E-mail : gabi.ela@savannahsa.com	
			Tel :	
	Designation		Fax :	
			Cell :	
	Designation		E-mail :	
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