

**Appendix E10 – Correspondence with Organs of State:**  
**SKA**

Keren Energy Group (Pty) Ltd  
P. O. Box 73  
Somerset Mall, 7137  
Email: weyers@kerenenergy.com

Date: 23 June 2020

To whom it may concern

**Re: Development of Keren Energy Viesserspan No 1 (Pty) Ltd PV Solar Project in the REDZ zone in Western Free State Province Dealesville**

Kindly note that the above-mentioned facility will not pose any risk of interference to the SKA.

SARAO does not have any objection to the development of the project and would not participate any further in the environmental authorization processes.

Regards,



Mr Selaelo Matlhane

Spectrum & Telecommunication Manager

South African Radio Astronomy Observatory (SARAO)

Tel: 011 442 2434

Email: smatlhane@ska.ac.za

[www.ska.ac.za](http://www.ska.ac.za)

The South African Radio Astronomy Observatory (SARAO) is a National Facility managed by the National Research Foundation and incorporates all national radio astronomy telescopes and programmes. SARAO is responsible for implementing the Square Kilometre Array (SKA) in South Africa.

## Vivienne Thomson

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**From:** Weyers Janse van Rensburg <weyers@kerenenergy.com>  
**Sent:** 19 June 2020 10:48  
**To:** Vivienne Thomson; Bernard de witt  
**Subject:** Fwd: SKA approvals

Regards,

Weyers Janse van Rensburg



**Weyers Janse van Rensburg**

**Director**



**27 65 8038687**

**weyers@kerenenergy.com**

Begin forwarded message:

**From:** Busang Sethole <[bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)>  
**Subject:** Re: SKA approvals  
**Date:** 03 June 2020 at 16:31:57 SAST  
**To:** Weyers Janse van Rensburg <[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)>

thanks..i will have the letter prepared and send to you before the end of next week..there is a couple of signature that are required for this..but will send by Friday

BR,

**Busang Sethole**

**Spectrum and Telecommunications Analyst**

South African Radio Astronomy Observatory (SARAO)

Address: 17 Baker Street,

Rosebank, Johannesburg, 2196

Tel: [+27 \(0\) 11 268 3449](tel:+27(0)112683449) | Cell:[+27 \(0\) 79 465 5064](tel:+27(0)794655064)

Email: [bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)

Website: [www.ska.ac.za](http://www.ska.ac.za)

On Wed, Jun 3, 2020 at 3:51 PM Weyers Janse van Rensburg <[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)> wrote:  
Good Afternoon Busang,

Attached, please find part of the bid schedules we have to complete. I have done some research and it seems like SKA is not needed for Free State. However, in preparation that the requirements could change, if it is not too much trouble maybe it will be good to have a letter. Or alternatively maybe just a letter stating it is not required for Free State at this stage.

Whatever will be best.

Thank you again for all your trouble.

Regards,

Weyers Janse van Rensburg

On 03 Jun 2020, at 09:41, Busang Sethole <[bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)> wrote:

Good Day

Yes you do need need SKA approval, SKA only need to respond to environmental authorization processes in the Northern Cape Province. I will prepare the letters for you but please can you refer me to the bid documentation pack, i need to consult with relevant people as this will be very tedious for us to do, if it is the bid requirements.

BR,

**Busang Sethole**

**Spectrum and Telecommunications Analyst**

South African Radio Astronomy Observatory (SARAO)

Address: 17 Baker Street,

Rosebank, Johannesburg, 2196

Tel: [+27 \(0\) 11 268 3449](tel:+27(0)112683449) | Cell [+27 \(0\) 79 465 5064](tel:+27(0)794655064)

Email: [bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)

Website: [www.ska.ac.za](http://www.ska.ac.za)

On Wed, Jun 3, 2020 at 9:16 AM Weyers Janse van Rensburg  
<[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)> wrote:  
Morning Busang,

Sorry, does this mean we do not need SKA approval? Projects are in Free State. If that is the case, can you give us just a letter stating that fact?

Thank you again for your time.

Regards,

Weyers Janse van Rensburg

<image001.jpg>

On 03 Jun 2020, at 08:27, Busang Sethole <[bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)> wrote:

Good Day

These projects seems to be in the Free State, protection of the SKA is in the Northern Cape province, may I kindly ask why you are seeking this letters ?

BR,

**Busang Sethole**

**Spectrum and Telecommunications Analyst**

South African Radio Astronomy Observatory (SARAO)

Address: 17 Baker Street,

Rosebank, Johannesburg, 2196

Tel: [+27 \(0\) 11 268 3449](tel:+27(0)112683449) | Cell [+27 \(0\) 79 465 5064](tel:+27(0)794655064)

Email: [bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)

Website: [www.ska.ac.za](http://www.ska.ac.za)

On Wed, Jun 3, 2020 at 8:00 AM Selaelo Matlhane - SKA <[smatlhane@ska.ac.za](mailto:smatlhane@ska.ac.za)> wrote:

----- Forwarded message -----

From: **Adrian Tiplady** <[atiplady@ska.ac.za](mailto:atiplady@ska.ac.za)>

Date: Wed, 27 May 2020, 15:28

Subject: Re: Fwd: SKA approvals

To: <[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)>

Cc: <[riaan@kerenenergy.com](mailto:riaan@kerenenergy.com)>, Selaelo Matlhane <[smatlhane@ska.ac.za](mailto:smatlhane@ska.ac.za)>, [mbaloye@ska.ac.za](mailto:mbaloye@ska.ac.za) <[mbaloye@ska.ac.za](mailto:mbaloye@ska.ac.za)>

Dear Weyers,

Apologies for the delays in response. My colleague, Selaelo, will be able to respond.

Kind Regards,

Adrian

----- Forwarded message -----

From: <[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)>  
Date: Thu, Nov 7, 2019 at 10:43 AM  
Subject: SKA approvals  
To: <[vrowland@ska.ac.za](mailto:vrowland@ska.ac.za)>  
Cc: Riaan <[riaan@kerenenergy.com](mailto:riaan@kerenenergy.com)>

Dear Vivienne,

We are in the process of developing 4 solar PV projects in the Dealesville area. Attached, please find the 4 letters, one for each project. Can you please advise on any other documentation we need to complete in order to finalise the approvals.

Regards,

Weyers Janse van Rensburg


[weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)

0826317496


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Dr. Adrian Tiplady  
SKA South Africa  
Johannesburg  
+27 11 442 2434  
+27 72 372 0134  
[www.ska.ac.za](http://www.ska.ac.za)



 <b>EnviroAfrica</b> Environmental Management and Impact Assessment Ongewingsubstansie en Impakbeoordeling				<b>PRE-APPLICATION PARTICIPATION PROCESS</b> <b>PUBLIC</b>				<b>Proposed Viesserspan Solar PV Facility: Project 1, Dealesville, Free State Province</b>				Initial PPP: Newspaper advert, posters, letters (delivered & posted). Subsequent PPP: DPAAR availability, emails, letters & code posted. FBAR availability notification	
No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	E-mail	I&AP List for:	DEA Ref:	Communication method/referred communication
1. Applicant													
1.1	Ventura Renewable Energy (Pty) Ltd			c/o Mr C W Janse van Rensburg	P. O. Box 73	Somerset West	7137	082 631 7496	086 267 6181	<a href="mailto:wevers@kerenengenev.co.za">wevers@kerenengenev.co.za</a>			
2. Property / Land Owners:				represented by Mr C D Bredenkamp	Ulrecht	Bullfontein	9670	082 574 3167					email
2.1	The Bredenkamp Family Trust			Trustee and contact person	P. O. Box 288	Bullfontein	9670	082 463 3785					
2.2	Mr Eugene Geyer												
3. Occupiers:				Manager of Viesserspan Farm No. 40 - hand delivery									email
3.1	Mr Dries Nel			Manager of Viesserspan Farm No. 40 - hand delivery				828 260 696		<a href="mailto:eugenegeyer@vodafone.co.za">eugenegeyer@vodafone.co.za</a>			
3.2	Tenant on sole property on Viesserspan Farm No. 40 - hand delivery of maildrop documentation												
4. Municipality													
4.1	The Municipal Manager			Dealesville Municipality, Cnr. Brand & Andries Pretorius Streets, Dealesville	P. O. Box 18	Dealesville	9348	051 811 0029	051 811 0225				postage
4.2	The Municipal Manager			Tokologo Local Municipality, Market Square, Voortrekker Street, Boshoff	Private Bag X46	Boshoff	8340	053 541 0014	053 541 0360				postage
4.3	The District Manager			Lejaleputswa District Municipality, Cnr. Tempest & Jan Hofmeyr Road, Welkom	P. O. Box 2169	Welkom	9460	057 353 3094/5	057 353 1213				postage
4.4	The General Manager			Water and Sanitation, Mangaung Metropolitan Municipality	P. O. Box 3704	Bloemfontein	9300	051 410 6764	051 410 6771	<a href="mailto:enquiry@mangaung.co.za">enquiry@mangaung.co.za</a>			postage & email
5. Municipal Ward Councillor:													
5.1	The Ward Councillor			Tokologo Local Municipality, Market Square, Voortrekker Street, Boshoff	Private Bag X46	Boshoff	8340	053 541 0014	053 541 0360				postage
6. State Organisations:													
6.1	The Director			Agriculture and Rural Development, Gieles Joubert Street, Glen, Bloemfontein, 9360	Private Bag X01, Glen	Bloemfontein	9360	051 861 8509	051 861 8452				postage
6.2	The Director			Cooperative Governance and Traditional Affairs, 7th Floor, OR Tambo House, Cnr St Andrew's & Markgraaf Streets, Bloemfontein, 9301	P. O. Box 211	Bloemfontein	9300	051 405 5719	051 403 3650				postage
6.3	The Director			Department of Water Affairs	Sanlam Plaza, East Burger Street, Bloemfontein Central	Bloemfontein	9301	051 405 9000					postage
6.4	The Director			Economic, Small Business Development, Tourism and Environmental Affairs, 113 St Andrews Street, Bloemfontein, 9301	Private Bag X20801	Bloemfontein	9300	051 404 9600					postage
6.5	The Director			Police, Roads and Transport, Perm Building, 45 Charlotte Maxeke Street, Bloemfontein, 9301	P. O. Box 119	Bloemfontein	9300	051 409 8850	051 409 8854				postage
6.6	The Director			Provincial Treasury, 55 Miliam Makeba Street, Fidel Castro Building, Bloemfontein	Private Bag X20537	Bloemfontein	9300	051 405 4228	051 405 4162				postage
6.7	The Director			South African Heritage Resources Agency (SAHRA)	11 Harrington St, Zonnebloem	Cape Town	8001						postage
6.8	The Director			Public Works and Infrastructure, Office 310, OR Tambo House, Cnr Markgraaf & St Andrew's Streets, Bloemfontein, 9301	P. O. Box 960	Bloemfontein	9300	051 492 3909	051 405 4490 / 086 624 7915				postage
6.10	Ms Anneliza			Department of Agriculture, Forestry and Fisheries	Private Bag x120	Pretoria	0001	012 3197508	012 329 5938	<a href="mailto:AnnelizaC@nda.agric.za">AnnelizaC@nda.agric.za</a>			email & postage
6.11	The Chief Director			Department of Environmental Affairs, Integrated Environmental Authorisations (National)	Private Bag x 447	Pretoria	0001			<a href="mailto:EIAAdmin@enviroment.gov.za">EIAAdmin@enviroment.gov.za</a>			email & postage
6.12	Mr Tshilwamolon			Biodiversity Directorate - Department of Environmental Affairs (National)	Private Bag x 447	Pretoria	0001	012 399 9587 / 012 399 9372	012 359 3625	<a href="mailto:StanleyT@environment.gov.za">StanleyT@environment.gov.za</a>			email & postage
6.13	The Director			SKA Africa	3rd Floor, The Park, Park Road,	Pinelands	7405	021 506 7300	021 506 7375				
6.14	Ms Nicole			South African National Roads Agency Ltd. (SANRAL)	Private Bag X 19	Belville	7535	021 957 4607		<a href="mailto:AbrahamsN@rra.co.za">AbrahamsN@rra.co.za</a>			email & postage

11 NOV 2019  
SOMERSET WEST 7137  
COUNTED

 <b>EnviroAfrica</b> <small>Environmental Management and Impact Assessment Ongesingelature en Impakbeoordeling</small>				<b>PRE-APPLICATION PARTICIPATION PROCESS PUBLIC</b>				<b>Proposed Viesserspan Solar PV Facility: Project 1, Dealesville, Free State Province</b>				<small>Initial PPP: Newspaper advert., posters, letters (delivered &amp; posted). Subsequent PPP: DBAG availability, emails, letters &amp; cds posted. FBAR availability notification</small>	
No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	DEA Ref:	Telephone	Fax	E-mail	Communication method/Preferred communication	
<b>First PPP Start Date: 13 November 2019</b> <b>First PPP End Date: 15 December 2019</b>													
6.15	Ms	René	de Kock	South African National Roads Agency Ltd. (SANRAL)	Private Bag X 20	Belville	7536		22 957 4607				
6.16	Mr	Francis	Relief	Eskom North West Region	120 Henry Street, Westdene	Bloemfontein	9301		051 404 2501		<a href="mailto:DeKock@nra.co.za">DeKock@nra.co.za</a>	email & postage	
6.17		J	Geeringh	Eskom Transmission	MegaWatt Park, D1Y38 or P.O. Box 1091	Johannesburg	2000		011 516 7233	086 661 4064	<a href="mailto:john.aeerhgh@eskom.co.za">john.aeerhgh@eskom.co.za</a>	email & postage	
6.18	Mr	Kevin	Leask	Eskom	P.O. Box 1091	Johannesburg	2001		072-888-9209				
6.19	Seabato		Mohaphi	Department of Energy	Private Bag x6093	Kimberley	8300		053 836 4000	086 562 7065			
6.20	Mr	W	Kleyrhans	South Africa Civil Aviation Authority (SACAA)									
6.21	Ms	Lizell	Stroh	South Africa Civil Aviation Authority (SACAA)	Private Bag x73	Halfway House	1685		011 545 1232	011 545 1451	<a href="mailto:klevhansw@caa.co.za">klevhansw@caa.co.za</a> <a href="mailto:stroh@caa.co.za">stroh@caa.co.za</a>	email & postage email & postage	
<b>7. Neighbours</b>													
7.1	The	Wesselsbron	Trust	Farm Rooirand. Community Trust representing about 20 residents/families of the northern neighbouring property (immediate neighbour to Project 3) - maildrops hand delivered.					078 019 4418			hand delivery	
7.2	The	Chrisalla	Trust	Farm Dam Pan (north east of Viesserspan Farm)	P. O. Box 288	Bultfontein	9670		082 574 3167			hand delivery & postage	
7.3	The	Wonderkop	Trust	Farm Beestepan - east of Viesserspan Farm (immediate neighbour to Project 1)					071 062 6730			hand delivery	
7.4	Mr	Stanley	Robertson	Director of Lezmin 1383 CC and Trustee of 3 Star Trust (owner of Farm Beestepan to south west of Viesserspan Farm) - Immediate neighbour of Project 1					082 490 3444		<a href="mailto:stanmanrob@gmail.com">stanmanrob@gmail.com</a>	email & hand delivery	
7.5	Mr	Chris Danie	van der Watt	Owner of Farm to south east of Viesserspan Farm								hand delivery	
7.6	Mr	J H	Saalmann	Owner of Farm to immediate south of Viesserspan Farm (Project 1 & 2)					082 416 9002		<a href="mailto:info@blaskv394.co.za">info@blaskv394.co.za</a>	hand delivery	
7.7	Mr	Pierre	Greyling	Farm Perseus (south of Viesserspan)					082 806 9233			email & hand delivery	
<b>8. Other</b>													
9.1	Mr	Bernard	de Vries	Mangaung Express (Dealesville & Bloemfontein)					051 404 7800		<a href="mailto:Bernard.DeVries@volksblad.com">Bernard.DeVries@volksblad.com</a>	email	

**SOMERSET**  
**11 NOV 2019**  
**COUNTER 1**



15 November 2019

Dear Interested and Affected Party

re.: Pre-application Public Participation Registration Process for the Proposed Visserspan Solar PV Facilities (Projects 1 to 4), Dealesville on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province

You are on our database as a potential interested and affected party (I&AP) for the above-mentioned proposed projects.

Please find, for your perusal, registration and comment, summary background information maildrops/documents for each of the four Solar PV Facilities proposed on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province (near Dealesville).

Should you have any comments queries or concerns regarding the project, please notify EnviroAfrica in writing by 15 December 2019, at the contact details below. Please also inform and encourage any other parties you feel may be interested in, or affected by, the proposed developments, to register as part of this process. Future correspondence will be sent to registered I&APs.

I trust everything is in order and look forward to your registration/valued input.

Yours sincerely,



Vivienne Thomson  
Environmental Consultant  
EnviroAfrica CC



**ENVIRONMENTAL IMPACT ASSESSMENT  
PRE-APPLICATION PUBLIC PARTICIPATION PROCESS**

# PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 1

**(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province)**

*Department of Environmental Affairs Reference Number: To be provided*

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

Relevant Act/Notice and Activity No.	To be Included in Application	Description in Legislation
NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c)	Possibly	Development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse.
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1	Yes	Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15	Yes	Clearance of an area of 20ha or more of indigenous vegetation
NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2	Possibly	Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres.
NWA, Section 21(a)	Possibly	Taking water from a water resource
NWA, Section 21(b)	Possibly	Storing water
NWA, Section 21(c)	Possibly	Impeding or diverting the flow of water in a watercourse
NWA, Section 21(i)	Possibly	Altering the bed, banks or characteristics of a watercourse

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

### **Project Location and Description:**

The proposed development site is located at **28°35'33.46"S, 25°43'21.04"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 218ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 218ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

### **Description of Alternatives:**

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The DBAR will include specialist reports and will undergo a further round of public participation.

### **Public Participation:**

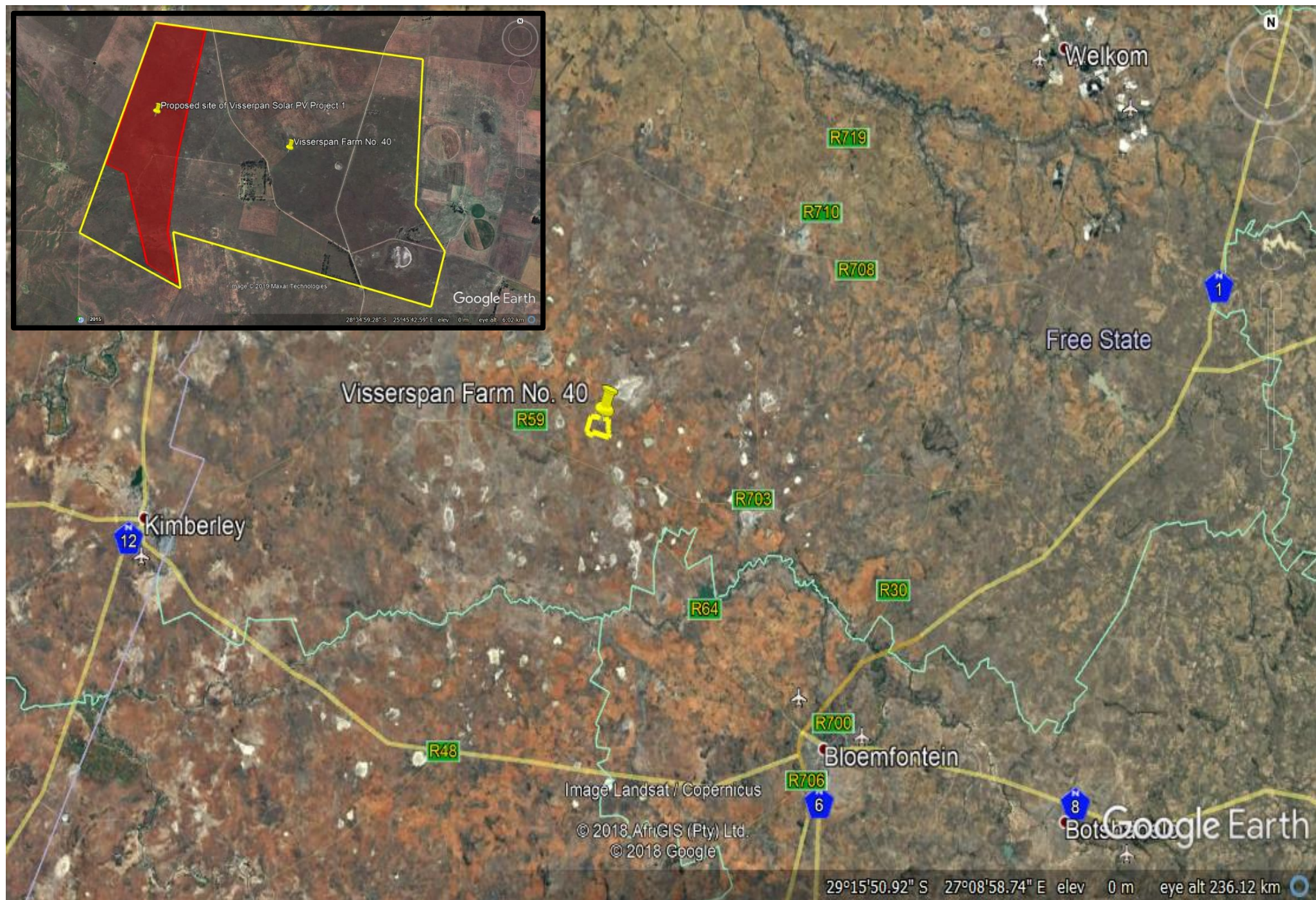
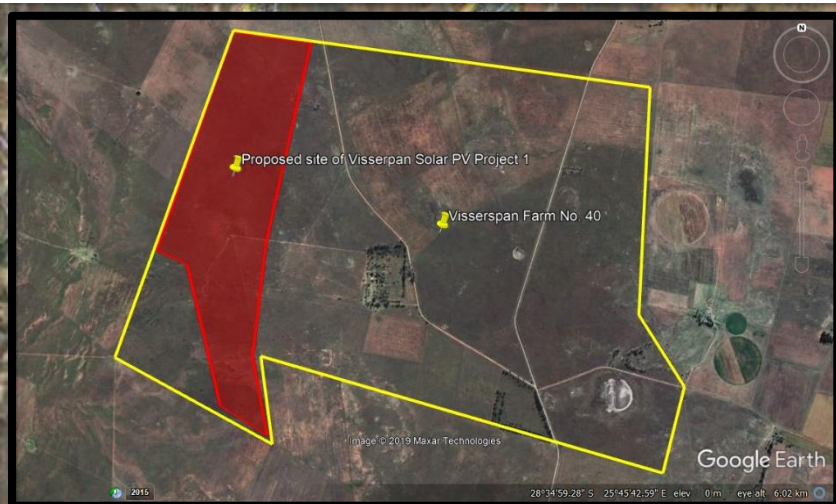
Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

### **To register as an I&AP or for more information contact EnviroAfrica at:**

EnviroAfrica (Visserspan Solar PV No. 1)  
P.O. Box 5367, HELDERBERG, 7135  
Fax: 086 512 0154  
Tel.: 021 8511616  
E-mail: admin@enviroafrica.co.za

**Please inform and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence will be sent to registered I&APs.**







**ENVIRONMENTAL IMPACT ASSESSMENT  
PRE-APPLICATION PUBLIC PARTICIPATION PROCESS**

# PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 2

**(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province)**

*Department of Environmental Affairs Reference Number: To be provided*

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

Relevant Act/Notice and Activity No.	To be Included in Application	Description in Legislation
NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c)	Possibly	Development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse.
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1	Yes	Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15	Yes	Clearance of an area of 20ha or more of indigenous vegetation
NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2	Possibly	Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres.
NWA, Section 21(a)	Possibly	Taking water from a water resource
NWA, Section 21(b)	Possibly	Storing water
NWA, Section 21(c)	Possibly	Impeding or diverting the flow of water in a watercourse
NWA, Section 21(i)	Possibly	Altering the bed, banks or characteristics of a watercourse

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

### **Project Location and Description:**

The proposed development site is located at **28°36'6.13"S, 25°43'48.46"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 223ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 223ha development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

### **Description of Alternatives:**

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The DBAR will include specialist reports and will undergo a further round of public participation.

### **Public Participation:**

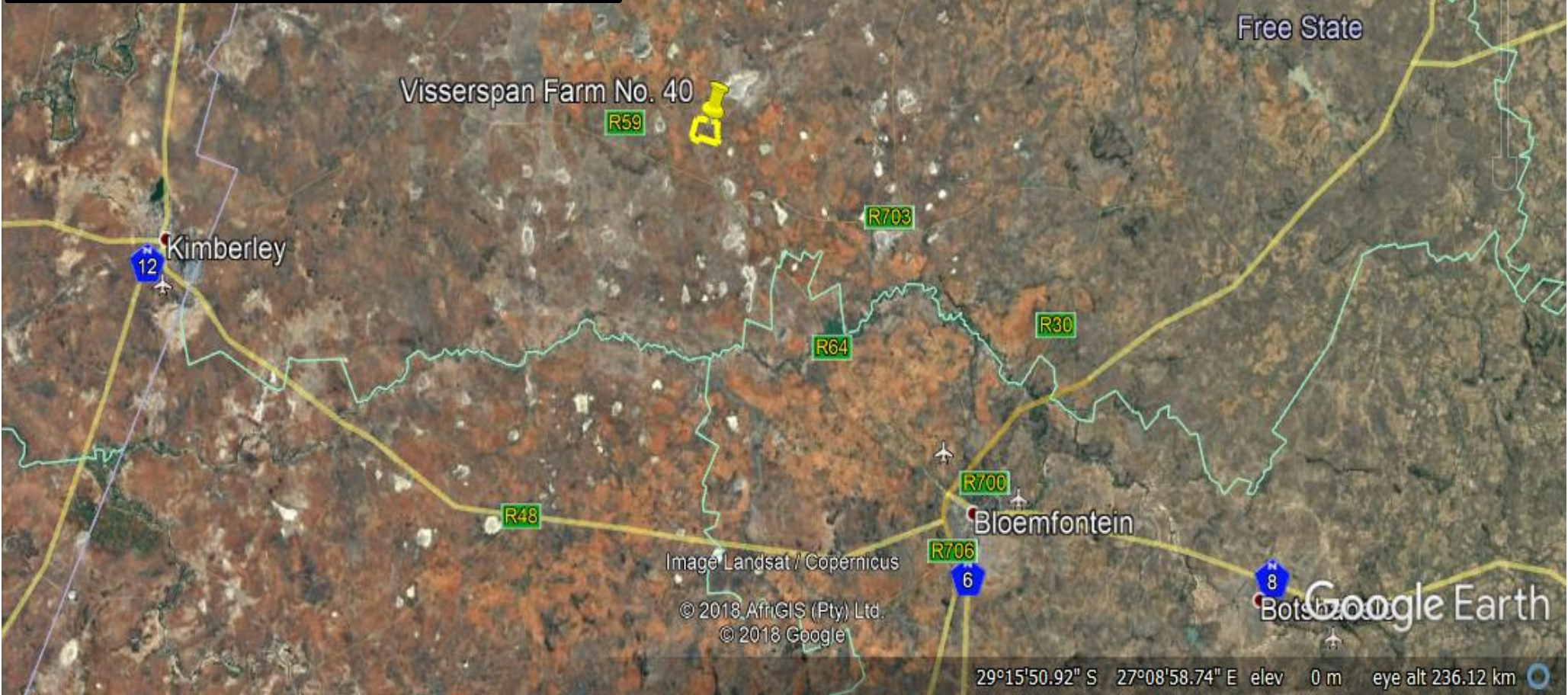
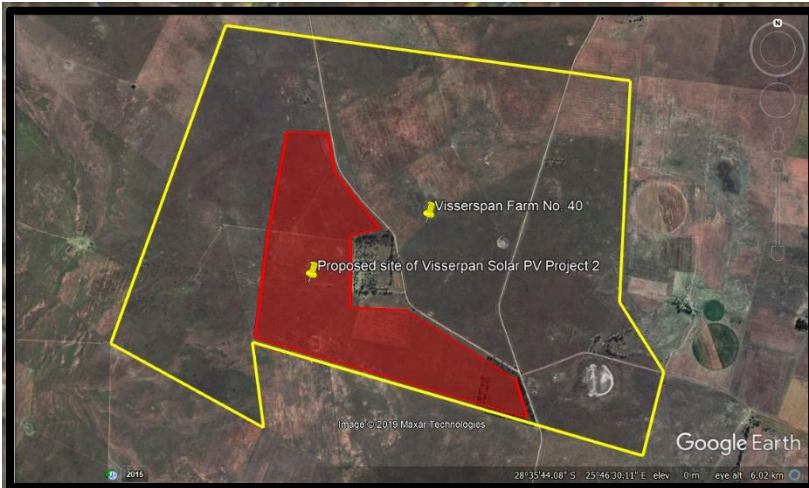
Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

### **To register as an I&AP or for more information contact EnviroAfrica at:**

EnviroAfrica (Visserspan Solar PV No. 2)  
P.O. Box 5367, HELDERBERG, 7135  
Fax: 086 512 0154  
Tel.: 021 8511616  
E-mail: admin@enviroafrica.co.za

**Please inform and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence will be sent to registered I&APs.**







**ENVIRONMENTAL IMPACT ASSESSMENT  
PRE-APPLICATION PUBLIC PARTICIPATION PROCESS**

# PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 3

**(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province)**

*Department of Environmental Affairs Reference Number: To be provided*

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

Relevant Act/Notice and Activity No.	To be Included in Application	Description in Legislation
NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c)	Possibly	Development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse.
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1	Yes	Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15	Yes	Clearance of an area of 20ha or more of indigenous vegetation
NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2	Possibly	Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres.
NWA, Section 21(a)	Possibly	Taking water from a water resource
NWA, Section 21(b)	Possibly	Storing water
NWA, Section 21(c)	Possibly	Impeding or diverting the flow of water in a watercourse
NWA, Section 21(i)	Possibly	Altering the bed, banks or characteristics of a watercourse

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

### **Project Location and Description:**

The proposed development site is located at **28°35'18.93"S, 25°44'30.53"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 213ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 213ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

### **Description of Alternatives:**

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The DBAR will include specialist reports and will undergo a further round of public participation.

### **Public Participation:**

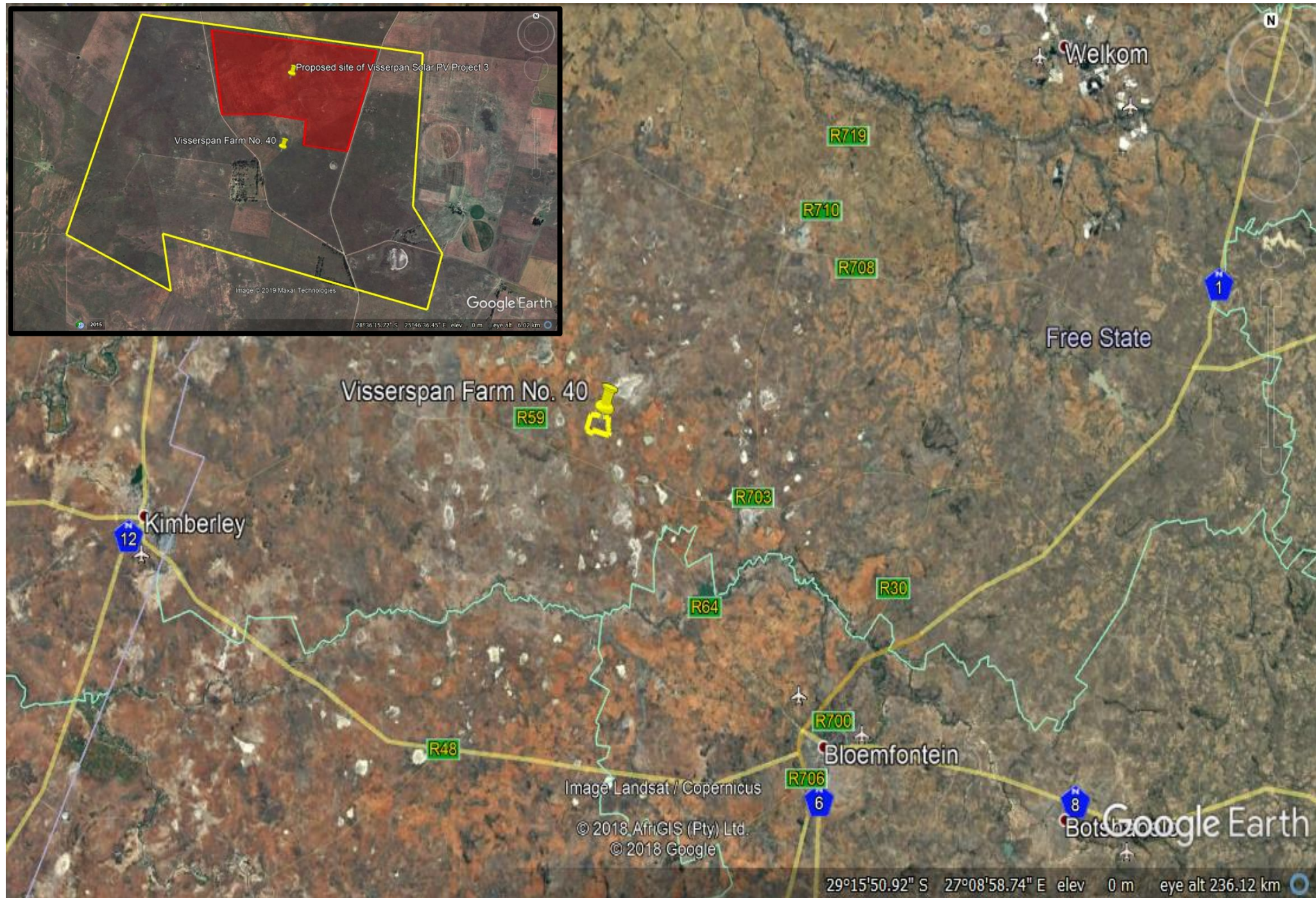
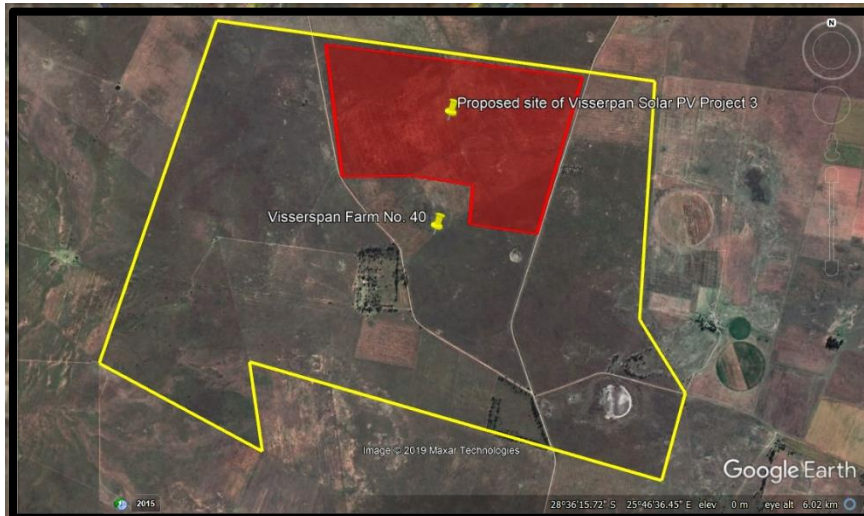
Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

### **To register as an I&AP or for more information contact EnviroAfrica at:**

EnviroAfrica (Visserspan Solar PV No. 3)  
P.O. Box 5367, HELDERBERG, 7135  
Fax: 086 512 0154  
Tel.: 021 8511616  
E-mail: admin@enviroafrica.co.za

**Please note that future correspondence will only be sent to registered I&APs.**







**ENVIRONMENTAL IMPACT ASSESSMENT  
PRE-APPLICATION PUBLIC PARTICIPATION PROCESS**

# PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 4

**(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province)**

*Department of Environmental Affairs Reference Number: To be provided*

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

Relevant Act/Notice and Activity No.	To be Included in Application	Description in Legislation
NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c)	Possibly	Development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse.
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1	Yes	Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more
NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15	Yes	Clearance of an area of 20ha or more of indigenous vegetation
NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2	Possibly	Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres.
NWA, Section 21(a)	Possibly	Taking water from a water resource
NWA, Section 21(b)	Possibly	Storing water
NWA, Section 21(c)	Possibly	Impeding or diverting the flow of water in a watercourse
NWA, Section 21(i)	Possibly	Altering the bed, banks or characteristics of a watercourse

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

### Project Location and Description:

The proposed development site is located at **28°35'58.80"S, 25°45'6.65"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 225ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 225ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site. The proposed site falls on either side of an existing dirt road and is denoted as either 'east' or 'west' of the existing farm road.

### Description of Alternatives:

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The DBAR will include specialist reports and will undergo a further round of public participation.

### Public Participation:

Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

### To register as an I&AP or for more information contact EnviroAfrica at:

EnviroAfrica (Visserspan Solar PV No. 4)  
P.O. Box 5367, HELDERBERG, 7135  
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**Please note that future correspondence will only be sent to registered I&APs.**



