

# SCOPING REPORT



## APPENDICES

Appendix A	Curriculum Vitae of the Environmental Assessment Practitioner
Appendix B	Declaration of the Environmental Assessment Practitioner
Appendix C	Database of Interested and Affected Parties
Appendix D	Copy of Newspaper Advertisement placed for the Release of the BID (Project Initiation Phase)
Appendix E	Copies and Proof of Correspondence sent to I&APs
Appendix F	Copy of Site Notice Board and Proof of Placement
Appendix G	Copies of Correspondence from I&APs during the Project Initiation Phase and prior to release of Scoping Report

**Scoping and Environmental Impact Assessment** for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

# SCOPING REPORT

## APPENDIX A:

### Curriculum Vitae of the Environmental Assessment Practitioner

**Scoping and Environmental Impact Assessment** for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

## Curriculum Vitae of Surina Laurie - Project Leader

<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Surina Laurie
<b>Profession</b>	Environmental Assessment Practitioner
<b>Position in firm</b>	Project Manager
<b>Years' experience</b>	4 years
<b>Nationality</b>	South African

### Biographical sketch

Surina has 4 years' experience as an Environmental Assessment Practitioner (EAP). She completed both her BSc in Conservation Ecology and MPhil in Environmental Management (part-time) at the University of Stellenbosch. With her honours project, she worked closely with the Endangered Wildlife Trust Riverine Rabbit Working Group and was responsible for determining the conservation opportunity for the Riverine Rabbit in the Karoo. With this project, she gained valuable experience in how to interact and manage stakeholders in such a way that a project's objectives and conservation goals are met without the stakeholders not being included in the decision-making process. The management of stakeholders and the ability to incorporate their needs into the objectives of a project is seen as an essential component of an Environmental Impact Assessment (EIA) process.

With her Masters' thesis she researched and addressed why there is a need to undertake a Cost Benefit Analysis (CBA) as part of any EIA. The need for a CBA stems from the fact that losing environmental services will have an economic impact on a regional/national level in the long term but this is usually not considered during an EIA process. A CBA will look at both the economic benefits (profit) from a project and the economic losses because of loss of ecosystem services or rehabilitation costs. By including a CBA in an EIA, both the economic and environmental financial implications (not just the environmental significance of an impact) of a project will be considered by the decision making authority prior to the issuing of Environmental Authorisations or permits.

She has experience in undertaking Basic Assessments and Scoping and Environmental Impact Assessments for various sectors, including renewable energy, industry and tourism. She also has experience in undertaking environmental audits, due diligence assessments and the compilation of Environmental Management Programmes.

Registered Professional Natural Scientist (Pr. Sci. Nat.) in Environmental Science (Reg. No: 400033/15) with the South African Council of Natural Scientific Professions.

<b>Education</b>	2015 (current)	Certificate in Environmental Economics, University of London (SOAS)
	2013	Project Management Course, University of Cape Town Graduate School of Business
	2011-2012 (Part-time)	MPhil Environmental Management, University of Stellenbosch
	2007-2010	BSc Conservation Ecology, University of Stellenbosch
<b>Employment Record</b>	Feb 2014 to present	CSIR, Project Manager, EAP
	Sept 2011 to Jan 2014	WSP Environmental (Pty) Ltd, Environmental Consultant
	Nov 2010 to Aug 2011	EnviroAfrica, Junior Environmental Consultant

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**Experience record**      *Abridged experience in Environmental Impact and Basic Assessment processes:*

Date	Project Description	Role	Client
2014 - present	Integrated Scoping and EIA process for the construction of three Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW each on the farms remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and Boven Rugzeer remaining extent of 169, located 30 km north-east of Kenhardt. Two of the projects will be located on the farm remaining extent of Portion 3 of the Farm Gemsbok Bult 120 and one on Boven Rugzeer remaining extent 169.	Project Manager	Mulilo Renewable Project Development (Pty) Ltd
2014 - present	Integrated Scoping and EIA process for the development of twelve (12) Photovoltaic (PV) or Concentrated Photovoltaic (CPV) Solar Facilities with a generating capacity of 75 MW/100MW each, near Dealesville, Free State.	Project Manager	South Africa Mainstream Renewable Power Developments (Pty) Ltd
2013-2014	Basic Assessment for the construction of three additional petroleum storage tanks at the Cape Town Harbour.	Environmental Consultant	FFS Refiners (Pty) Ltd
2013-2014	Scoping and EIA for the construction of a Sewage Package Plant on Robben Island.	Environmental Consultant	Department of Public Works
2013	Development of an EMPr for the undertaking of maintenance work on the Stilbaai Fishing Harbour's Slipway located in Stilbaai, Western Cape, South Africa. In order to be compliant to the requirements of the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment (EIA) Regulations, a Maintenance Management Plan (MMP) needed to be developed to manage the environmental impacts associated with maintenance work that is scheduled to be undertaken on the Stilbaai Fishing Harbour's Slipway as well as any future on-going maintenance requirements.	Environmental Consultant	Department of Public Works
2012-2014	Waste Management License for the proposed storage of Ferrous HMS 1+2, Shredded Ferrous and Bales located at the K/L Berth at Duncan Road, Port of Cape Town	Environmental Consultant	The New Reclamation Group (Pty) Ltd
2012-2014	Scoping and EIA for the construction a biodiesel refinery in the Coega Industrial Development Zone (IDZ). The proposed project entails the import of used vegetable oil from the USA and converting it through various processes to biodiesel which will be exported to Europe. The proposed project requires an Air Emissions License, a Waste Management License and Environmental Authorisation.	Environmental Consultant	FIS Biofuels (Ltd)
2013-2013	Basic Assessment for the proposed redevelopment of Berths B, C and D in Duncan Dock at the Port of Cape Town.	Assistant Environmental Consultant	FPT (Pty) Ltd
2011- 2012	Development of an EMPr for the Eerstelingsfontein Opencast Project (EOP).	Assistant Environmental Consultant	Exxaro Resources Limited
2011-2014	Basic Assessment for the proposed reinstatement of the Blue Stone Quarry located on Robben Island.	Assistant Environmental Consultant	Department of Public Works
2011	Scoping and EIA for the proposed upgrade to the Struisbaai WWTW.	Assistant Environmental Consultant	Cape Agulhas Municipality
2011	Basic Assessment for the construction of a cellular mast.	Environmental Consultant	MTN (Pty) Ltd
2010-2011	Basic Assessment for the construction of a Heritage Centre.	Environmental Consultant	Waenhuiskrans Arniston Community Development Trust
2010-2011	Scoping and EIA for the rezoning of the area from open space to residential, the construction of six residential units and the upgrading of the existing Waste Water Treatment Plant.	Environmental Consultant	Private developer

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

*Abridged experience in undertaking the role of an Environmental Control Officer and compliance auditing:*

Date	Project Description	Role	Client
2013- 2014	The proposed extension project involved the installation of five new above ground storage tanks. The two largest tanks have a tank capacity of 2,500m <sup>3</sup> each and a height of 18m. The three smaller tanks have a tank capacity of 2,300m <sup>3</sup> , 1,350m <sup>3</sup> and 212m <sup>3</sup> and heights of 18m, 10.8m and 10.8m respectively, giving an additional 8862m <sup>3</sup> storage capacity to the current FFS operation	ECO	FFS Refiners (Pty) Ltd
2012- 2014	Compliance auditing of drum re-conditioners for the used oil industry in the Western Cape.	Assistant Environmental Consultant	The Rose Foundation
2012	Environmental legal compliance auditing of various Much Asphalt sites. The audit entailed review of national, provincial legislation and municipal by-laws and a site visit in order to determine whether the sites were compliant to the relevant environmental legislation.	Environmental Consultant	Much Asphalt
2011- 2013	Construction of a new De-Ashing Plant for FFS Vissershok Construction of a De-Ashing Plant. This project involved the monthly independent audits and reports of all the environmental and social aspects of the construction phase the new De-Ashing Plant at Vissershok.	ECO	FFS Refiners (Pty) Ltd
2011- 2012	Construction of the new 1200m <sup>3</sup> Tank at FFS Cape Town Harbour Site. This project involved two site audits per month to ensure compliance to the Environmental Authorisation and Environmental Management Plan for the proposed project.	ECO	FFS Refiners (Pty) Ltd

Language capabilities	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
	Afrikaans	Excellent	Excellent
English	Excellent	Excellent	Excellent

## Curriculum Vitae of Rohaida Abed - Project Manager

<b>Name of firm</b>	CSIR
<b>Name of staff</b>	Rohaida Abed
<b>Profession</b>	Environmental Assessment Practitioner
<b>Position in firm</b>	Junior Environmental Assessment Practitioner
<b>Years' experience</b>	5 years
<b>Nationality</b>	South African

**Biographical Sketch** Rohaida is a Junior Environmental Assessment Practitioner in the CSIR Environmental Management Services team based in Durban. She has five years of experience in the Environmental Management field, and has been involved in various transport infrastructure related projects as an Environmental Control Officer, which included monitoring compliance with Environmental Authorizations and Environmental Management Plans. She has also been conducting Scoping and Environmental Impact Assessments for projects within the Coega Industrial Development Zone.

Registered Professional Natural Scientist (Pr. Sci. Nat.) in Environmental Science (Reg. No: 400247/14) with the South African Council of Natural Scientific Professions.

<b>Education</b>	2005	Bachelor of Science (Environmental Science)
	2006	Bachelor of Science Honours (Environmental Science)
	2010	Master of Science (Environmental Science)
<b>Employment Record</b>	2006 - 2008	University of KwaZulu-Natal (Academic Demonstrator)
	March 2010 - April 2010	EnAq Consulting (Environmental Officer)
	May 2010 - September 2011	Henwood & Nxumalo Consulting Engineers (Environmental Scientist)
	October 2011 - to present	CSIR (Junior Environmental Assessment Practitioner)
<b>Short Courses</b>	May 2009	Management of Estuaries in South Africa (Marine and Estuarine Research, FET Water, and Water Research Commission)
	October 2010	Environmental Impact Assessment: A Practical Approach (North West University (Potchefstroom Campus), Centre for Environmental Management)

### Experience record

Date	Project Description	Role	Client
2010 - 2011	The Repair and Rehabilitation of the Umzinto River Bridge Number 823 on the South Coast of KwaZulu-Natal	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Construction of the Kwahlongwa Bridge Number 3257 over the Kwa-Malukaka River on D297 near Umzumbe, South Coast of KwaZulu-Natal	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Construction of a bridge and approach roads across the Indaka River at Eludimbi, within the Msinga Local Municipality, KwaZulu-Natal	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Extension of the Lion Park Pipeline along the P566 and D2173 in the Manyavu area, KwaZulu-Natal	Environmental Control Officer	Umgeni Water
2010 - 2011	The Construction of a bridge and approach roads across the Tugela River at Thulwane, within the Nkandla Local Municipality, KwaZulu-Natal	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Construction of a bridge and approach roads	Environmental Control	KwaZulu-Natal

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Date	Project Description	Role	Client
	across the Mona River at Nqolotshe, within the Hlabisa and Nongoma Local Municipalities, KwaZulu-Natal	Officer	Department of Transport
2010 - 2011	The Construction of the Mloti River Bridge (Northbound) on the R102, within the eThekweni Municipality, KwaZulu-Natal.	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Upgrade of the R102 from the Duffs Road Interchange to King Shaka International Airport, within the eThekweni Municipality, KwaZulu-Natal.	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010 - 2011	The Construction of the P701 Provincial Road from Ulundi to Empangeni, KwaZulu-Natal	Environmental Control Officer	KwaZulu-Natal Department of Transport
2010	Environmental Impact Assessment for the construction of a bridge and approach roads across the Mona River at Nqolotshe, within the Hlabisa and Nongoma Local Municipalities, KwaZulu-Natal	Project Assistant	KwaZulu-Natal Department of Transport
2011 - 2014	Environmental Impact Assessment for the proposed Bulk Liquid Storage and Handling Facility in Zone 8 of the Coega IDZ, Port of Ngqura	Project Consultant	Oiltanking Grindrod Calulo (PTY) Ltd
2012 - 2014	Environmental Impact Assessment for the proposed Manganese Export Terminal in Zones 8, 9 and 11 of the Coega IDZ, including the Port of Ngqura, and surrounding area	Project Assistant	Hatch Africa (PTY) Ltd c/o Transnet
2012 - 2014	Basic Assessment for the Provision of Landside Structures and Infrastructure to the Bulk Liquid Storage and Handling Facility in the Port of Ngqura	Project Manager	Eastern Cape Infrastructure Joint Venture c/o Transnet Capital Projects
2013 - 2014	Environmental Impact Assessment for the Provision of Marine Infrastructure, including a General Cargo Berth and Liquid Bulk Berths at the Port of Ngqura	Project Manager	Transnet Capital Projects
2013 ongoing	- Basic Assessment for the decommissioning of unused infrastructure at the Port of Ngqura	Project Manager	Transnet Capital Projects
2014 ongoing	- Basic Assessment for the Proposed Decommissioning and Upgrade of a Bulk Liquid Storage and Handling Facility at Maydon Wharf, Port of Durban, KwaZulu-Natal	Project Manager	Oiltanking Grindrod Calulo Terminals (PTY) Ltd
2015 ongoing	- Environmental Management Plan for the Proposed Construction of a Bulk Liquid Storage and Handling Facility in the Port of Cape Town, Western Cape	Project Manager	Oiltanking Grindrod Calulo Terminals (PTY) Ltd

**Language capabilities**

	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
English	Excellent	Excellent	Excellent

# SCOPING REPORT

## APPENDIX B:

### Declaration of the Environmental Assessment Practitioner

**Scoping and Environmental Impact Assessment** for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province



I, Surina Laurie, declare that:

- I act as the independent environmental practitioner in this application;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process;
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not;
- I will provide the competent authority any information that is provided by the EAP to interested and affected parties and any responses; by the EAP to comments or inputs made by interested or affected parties;
- the information provided in this scoping report has been sourced from relevant literature, legislation, previous studies and specialist input and is therefore believed to be correct;
- I will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signed at Stellenbosch on the 16th of September 2015

*Slame*

Environmental Assessment Practitioner

# SCOPING REPORT

## APPENDIX C:

### Database of Interested and Affected Parties

#### **Scoping and Environmental Impact**

**Assessment** for the Proposed  
Development of a 75 MW Solar  
Photovoltaic Facility (KENHARDT PV 3)  
on the remaining extent of Onder Rugzeer  
Farm 168, north-east of Kenhardt,  
Northern Cape Province

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Number	First Name	Surname	Company/ Organisation	Deregister interest	Let 1: BID	Request to Register	Comment BID	Let 2: Notice of Release of Consultation Scoping Reports	Comment on Consultation Scoping Reports	Email: Notice of Submission of Scoping Reports to DEA	Let 3: Notice of Release of Consultation EIA Reports and BA Reports	Comment on Consultation EIA Reports and BA Reports	Email: Notice of Submission of EIA Reports and BA Reports to DEA	Let 4: Notice of EA for Bas and EIAs	Let 5: Outcome of Appeal Process
<b>Organs of State</b>															
1.	Mmatlala	Rabothatha	National DEA: Integrated Environmental Authorisations		X										
2.	Muhammad	Essop	National DEA: Integrated Environmental Authorisations		X										
3.	A	Yaphi	Provincial Department of Environment and Nature Conservation (DENC): Northern Cape		X										
4.	M	Mathews	Provincial DENC: Northern Cape		X										
5.	Samantha	De la Fontaine	Provincial DENC: Northern Cape		X	X	X								
6.	Sibonelo	Mbanjwa	Provincial DENC: Northern Cape		X										
7.	Eric	Ngxanga	ZF Mgqawu District Municipality - Municipal Manager		X										
8.	Frikkie	Ruping	ZF Mgqawu District Municipality - Environmental Manager		X										
9.	H.T	Scheepers	!Kheis Municipality - Municipal Manager		X										
10.	JG	Lategan	Kai ! Garib Municipality - Municipal Manager		X										
11.	Mashudu	Randwedzi	Department of Water and Sanitation		X										
12.	Melinda	Mei	Department of Water and Sanitation		X		X								
13.	Shaun	Cloete	Department of Water and Sanitation												
14.	Mandla	Ndzilili	Ministry of Environment and Nature Conservation		X										
15.	Mashudu	Marubini	National Department of Agriculture, Forestry and Fisheries (DAFF)		X										
16.	Thoko	Buthelezi	National DAFF - AgriLand Liaison office		X										
17.	D	Nhlakad	National DAFF - AgriLand Liaison office		X										

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Number	First Name	Surname	Company/ Organisation	Deregister interest	Let 1: BID	Request to Register	Comment BID	Let 2: Notice of Release of Consultation Scoping Reports	Comment on Consultation Scoping Reports	Email: Notice of Submission of Scoping Reports to DEA	Let 3: Notice of Release of Consultation EIA Reports and BA Reports	Comment on Consultation EIA Reports and BA Reports	Email: Notice of Submission of EIA Reports and BA Reports to DEA	Let 4: Notice of EA for Bas and EIAs	Let 5: Outcome of Appeal Process
18.	Anneliza	Collett	National DAFF - AgriLand Liaison office		X										
19.	Jacoline	Mans	Provincial DAFF		X										
20.	Ali	Diteme	Provincial Department of Agriculture, Land Reform & Rural Development		X										
21.	Pieter	Buys	National Energy Regulator of South Africa		X										
22.	IA	Bulane	Department of Public Works, Roads and Transport		X										
23.	Denver	Van Heerden	Department of Public Works, Roads and Transport		X										
24.	Rene	de kock	South African Roads Agency Limited - Northern Cape (Western Region)		X		X								
25.	M	Lepheane	Department of Labour		X										
26.	A	Botes	Department of Social Development		X										
27.	Riaan	Warie	Northern Cape Economic Development Agency		X										
28.	Andrew	Timothy	Directorate Heritage, Department - Sports, Arts and Culture		X										
29.	Lizell	Stroh	South African Civilian Aviation Authority		X										
30.	John	Geeringh	ESKOM		X										
31.	Kevin	Leask	ESKOM		X										
32.	Justine	Wyngaardt	ESKOM (Western Operating Unit, Distribution)		X										
33.	Lindi	Haarhoff	ESKOM (Nieuwehoop Substation)												
34.	Sharon	Steyn	Northern Cape Chamber of Commerce and Industry		X										
35.	P.J.J	van Rensburg	Agri Northern Cape		X										
36.	Adrian	Tiplady	SKA SA		X		X								

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Number	First Name	Surname	Company/ Organisation	Deregister interest	Let 1: BID	Request to Register	Comment BID	Let 2: Notice of Release of Consultation Scoping Reports	Comment on Consultation Scoping Reports	Email: Notice of Submission of Scoping Reports to DEA	Let 3: Notice of Release of Consultation EIA Reports and BA Reports	Comment on Consultation EIA Reports and BA Reports	Email: Notice of Submission of EIA Reports and BA Reports to DEA	Let 4: Notice of EA for Bas and EIAs	Let 5: Outcome of Appeal Process
37.	Marina	Lourens	Transnet Freight Rail												
38.	Gilbert	Nortier	Transnet Freight Rail		X		X								
39.	Mayvyn	Bhana	Transnet		X										
40.	Clive	Stephenson	Transnet		X										
41.	Director		Department of Energy Northern Cape		X										
<b>Stakeholders (NGOs and Conservation Organisations)</b>															
42.	Simon	Gear	Birdlife South Africa		X										
43.	Lubabalo	Ntsole	C.A.P.E. Co-ordination Unit: Northern Cape		X										
44.	Freyne	du Toit	Grasslands Society of Southern Africa		X										
45.			Endangered Wildlife Trust, Wildlife and Energy Programme		X										
46.	Dr. Howard	Hendricks	South African National Parks - Snr GM: Policy & Governance Conservation Services Division		X										
<b>Landowner</b>															
47.	Andre	Van Niekerk	Van Niekerk Gesins Trust												
<b>Adjacent Property Owners</b>															
48.	Andre	Van Niekerk	Kamkuip Boerdery (Pty) Ltd		X										
49.	D.J/Sarel	Strauss	Kamkuip Boerdery (Pty) Ltd		X										
50.	Rudolph	Grobler	Farm Name: Brussel and Gerhards Puts		X										

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Number	First Name	Surname	Company/ Organisation	Deregister interest	Let 1: BID	Request to Register	Comment BID	Let 2: Notice of Release of Consultation Scoping Reports	Comment on Consultation Scoping Reports	Email: Notice of Submission of Scoping Reports to DEA	Let 3: Notice of Release of Consultation EIA Reports and BA Reports	Comment on Consultation EIA Reports and BA Reports	Email: Notice of Submission of EIA Reports and BA Reports to DEA	Let 4: Notice of EA for Bas and EIAs	Let 5: Outcome of Appeal Process
51.	Hendrik	Van Wyk	Wilcaris Pty Ltd		X										
52.	Ernest	Connan	Ernest Connan Trust		X										
53.	Johan	Steenkamp	JHJ Steenkamp Trust		X										
54.	Handre	van Wyk	Farm Name: Narougas (Straus Heim)												
55.	Plankies	Van der Walt	Farm Name: Varsputs												
<b>Additional I&amp;APs</b>															
56.	Mitchell	Hodgson	Scatec Solar		X										
57.	Claude	Bosman	Veroniva (PTY) Ltd - Renewable Energy		X										
58.	Naveenraj	Challa	Marcyrox NPC		X										
59.	Karen	Low	Mulilo Renewable Energy Developments		X		X								
60.	Melanie	Miles	Leads 2 Business		X	X	X								
61.	Morgan	Townsend			X	X									
62.	John	de Bruin	Henrohn Security			X	X								

# SCOPING REPORT

## APPENDIX D:

Copy of Newspaper  
Advertisement placed for the  
Release of the BID (Project  
Initiation Phase)

### **Scoping and Environmental Impact**

**Assessment** for the Proposed  
Development of a 75 MW Solar  
Photovoltaic Facility (KENHARDT PV 3)  
on the remaining extent of Onder Rugzeer  
Farm 168, north-east of Kenhardt,  
Northern Cape Province

**Newspaper Advertisement – The Gemsbok**

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT  
ASSESSMENT (EIA) PROCESSES**

**THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND  
ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN  
CAPE PROVINCE**

**CSIR REFERENCE: EMS0102/SCATEC/2015**

Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar) (i.e. the Project Applicant), is proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gemsbok Bult Farm 120, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects require a full Scoping and EIA Process for the construction of the three Solar PV facilities. A separate Basic Assessment Process is also required and will be undertaken for the development of the proposed transmission lines. The CSIR has been appointed by Scatec Solar to undertake the requisite Basic Assessment and Scoping and EIA Processes for the proposed projects. The proposed project potentially triggers the following listed activities:

- Basic Assessment Process: GN R983: Activity 11 (i);
- Scoping and EIA Process: GN R983: Activity 9 (i) and (ii); Activity 12 (x) and (xii); Activity 19 (i); Activity 24 (ii) and Activity 28 (ii); and GN R984: Activity 1 and Activity 15.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation (EA) will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as Kenhardt PV 1, Kenhardt PV 2, Kenhardt PV 3, Kenhardt PV 1 – Transmission Line, Kenhardt PV 2 – Transmission Line, and Kenhardt PV 3 – Transmission Line. As such, separate reports (i.e. Basic Assessment and Scoping and EIA Reports) will be compiled for each project.

To ensure that you are included on the project register, as well as to raise any issues and concerns for inclusion in the Basic Assessment and Scoping Reports, you are kindly requested to register your interest in the projects and submit any comments you may have to the CSIR (at the details indicated below) within **30 days** of this notification (i.e. by no later than **31 August 2015**). Kindly note that available project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>. For more information and/or to register as an Interested and Affected Party, please contact: Rohaida Abed; CSIR; P. O. Box 17001, Congella, Durban, 4013; Phone: 031 242 2300; Fax: 031 261 2509; Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)



**GEMSBOK-POFADDER:** Die skoolhoof van die Laerskool Francois Visser op Pofadder wie daarvan beskuldig word dat hy skoolklasse in wooneenhede vir buitelanders wat as sonplaaaswerkers werk omskep het, is ondanks die Khai Ma Gemeenskap Monitorings Forum se protes optog onlangs, weer terug in die tuig.

Volgens Erick Strauss, van die GMF, het die gemeenskap net betyds ingetree en het geen

## Skoolhoof wou klasse aan buitelanders verhuur

buitelanders nog in die eenhede ingetrek nie, maar al die TV's, beddegoed ens wat reeds aangekoop is, staan tans nog netso by die skool.

Nadat die GMF glo die klagtes by verskeie departementshoofde by die Departement van Onderwys in die Namakwastreek aanhangig gemaak het, het hulle besluit om gemeenskapslede en ouers van die skool in protes optog na die skool laat opruk om 'n versoekskrif te oorhandig.

Onder die klagtes word daar glo ook beweer dat die verkiesing van die skool se SBL nie heeltemal "grondwetlik" hanteer is nie.

Die GMF het in hul versoekskrif, wat aan Mnr Ruiters (adjunkhoof van onderwys in die Namakwastreek) en mnr Engelbrecht (kring bestuurder van onderwys in die Namakwastreek) oorhandig is, daarop aangedring dat die skoolhoof, mnr Fadiel Faro, binne 48 uur uit sy pos verwyder moes word.

Volgens Strauss het die departement 'n dringende vergadering belê om agter die kap van die byl te kom en die gemeenskap het van die geleentheid gebruik gemaak om hulle ontvredenheid met die manier waarop die skoolhoof die skool bestuur, uit te spreek.

Na die 48 uur tydperk wat tydens die optog aan die dept onderwys gegee is om van Faro ontslae te maak, het die gemeenskap weer na die skool opgeruk, waarna Faro van die perseel verwyder moes word.

Blykbaar is die SBL ook ontbind. In gesprek met mnr Ruiters het die Gembok vasgestel dat Faro weer terug is in sy pos.

Blykbaar is Faro die enigste een wat aan die Gr 7 leerders kan onderrig gee en daarom is hy weer, ondanks die klagtes teen hom, terug in die tuig.

Mnr Sam Ruiters het die volgende op die aantygings van die GMF te sê gehad: "Eintlik reageer die Departement nie op sulke leë niksseggende aantygings

nie. Tog wil die volgende noem:

Die Departement het reeds die infrastruktuurprobleem ondersoek voordat die klagskryf ontvang is. Die skoolhoof is, in gevolge departementele prosesse tydelik gesuspendeer, sodat die saak sonder inmenging ondersoek kon word.

Nadat die ondersoek afgehandel is het die distrikbestuur op 20 Julie vergadering met die ouergemeenskap gehou, waartydens die aankondiging van die terugplasing van die skoolhoof gedoen is. Die ouergemeenskap het dit met luide applous verwelkom. Die rede vir die terugplasing soos aangevoer is dus heeltemal verkeerd."



Die Pofadder gemeenskap in oproer. Volgens die GMF dring hulle daarop aan dat die skoolhoof van Laerskool Francois Visser uit sy pos geskors word, nadat hy glo die Graad R klasse van die skool in wooneenhede vir buitelanders wou omskep.

## Verdagtes vas na gewapende roof

**GEMSBOK-KURUMAN:** Drie verdagtes van Bankarra het, na wat soos 'n arretasie uit 'n aksie film gebeur het, onlangs op aanklag van gewapende roof en die onwettige besit van vuurwapens en ammunisie in die hof verskyn.

Daar word beweer dat op Sondag 26 Julie, 2015 omstreeks 16:30, die klaer saam met 'n vriend in Bankarra gestap het, toe hulle gestop word deur die drie verdagtes in 'n wit VW Golf.

Die mans het die 28-jarige klaer met 'n vuurwapen, messe en 'n panga gedreig en hom beroof van sy kontant en selfoon.

Polisie is onmiddellik in kennis gestel en die klaer het die polisie na 'n huis in die omgewing verwys, aangesien hy een van die verdagtes herken het.

Toe die verdagtes egter die polisie opmerk het een verdagte probeer om weg te hardloop.

So in die hardloop, gooi hy toe 'n sak op die dak van een van die huise. Die polisie het hom ingehaal en gearrester en die sak van die dak af gehaal.

Daar was twee rewolwers en ammunisie in die sak. Pangas en meer ammunisie gekonfiskeer uit die huis.

Die VW Golf is ook op beslag gelê. Drie verdagtes tussen 27 en 35 jaar oud is in hegtenis geneem.

## R3000 uit motor gesteel

**GEMSBOK-UPINGTON:** Die Speurtak van Upington SAPD ondersoek 'n klagte van diefstal vanuit 'n motorvoertuig nadat daar R3000 in kontant, na bewering uit 'n voertuig in Le Rouxstraat, Upington, gesteel is.

Dit is onbekend hoe toegang tot die voertuig verkry is. Niemand is in verband met die voorval in hegtenis geneem nie.

Die polisie ondersoek duur voort. Enige persoon met inligting word versoek om die Speurtak te kontak by tel. (054) 337 3400.

**NG KERK UPINGTON-OOS**  
**BASAAR & VEILING**  
**VRYDAG, 31 JULIE 2015**  
 Braaivleisverkope 10:00  
 Rouvleis & Witolifant-tafel 14:00  
 Teetuin & Speletjies 15:00  
 Gesigverf, Ballonkunstenaar, Springkasteel, Skattejag!  
 Inkleurkompetisie en 'n Mini kar om in te speel!  
**AMPTELIKE OPENING 17:00**  
**Veiling 17:30**  
 • 1 Arabier Hings (Jack Maritz)  
 • 2 Dorperamme  
 • 10 Meentmaster ooie  
 • Lusernbale  
 Navrae aan die Skriba - 054 338 0378

**PADONGELUKFONDS**  
**IS U ONLANGS ERNSTIG BESEER IN 'N MOTORONGELUK OF HET U 'N GELIEFDE VERLOOR?**  
**OF HET U ONLANGS U PADONGELUKFONDS EIS DIREK MET DIE FONDS GESKIK?**  
**KONTAK GERT NEL PROKUREURS BY 087 233 9188 VIR 'N GRATIS EVALUASIE VIR 'N MOONTLIKE EIS TEEN DIE PADONGELUKFONDS.**  
**GERT NEL PROKUREURS**  
**087 233 9188**  
**www.gertnelincattorneys.co.za**

**Abrahams Christopher (Boere)**  
 Dit is nou al 10 jaar dat jy weg is Boere. Die hartseer en skielik en baie groot om jou te verloor. Ons mis jou baie, maar sal jou altyd in ons harte koester.  
 24/12/1944  
 29/07/2005  
 Van jou vrou, kinders en kleinkinders.

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESSES**  
**THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**  
**CSIR REFERENCE: EMS0102/SCATEC/2015**

Scatec Solar SA 163 (Pty) Ltd (hereinafter referred to as Scatec Solar) (i.e. the Project Applicant), is proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on the remaining extent of Onder Ruzgeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gembok Bull Farm 120, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the IKheis Local Municipality, Northern Cape Province.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects require a full Scoping and EIA Process for the construction of the three Solar PV facilities. A separate Basic Assessment Process is also required and will be undertaken for the development of the proposed transmission lines. The CSIR has been appointed by Scatec Solar to undertake the requisite Basic Assessment and Scoping and EIA Processes for the proposed projects. The proposed project potentially triggers the following listed activities:

- Basic Assessment Process: GN R983: Activity 11 (i);
- Scoping and EIA Process: GN R983: Activity 9 (i) and (ii); Activity 12 (x) and (xii); Activity 19 (i); Activity 24 (ii) and Activity 28 (ii); and GN R984: Activity 1 and Activity 15.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation (EA) will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as Kenhardt PV 1, Kenhardt PV 2, Kenhardt PV 3, Kenhardt PV 1 – Transmission Line, Kenhardt PV 2 – Transmission Line, and Kenhardt PV 3 – Transmission Line. As such, separate reports (i.e. Basic Assessment and Scoping and EIA Reports) will be compiled for each project.

To ensure that you are included on the project register, as well as to raise any issues and concerns for inclusion in the Basic Assessment and Scoping Reports, you are kindly requested to register your interest in the projects and submit any comments you may have to the CSIR (at the details indicated below) within **30 days** of this notification (i.e. by no later than **31 August 2015**). Kindly note that available project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>. For more information and/or to register as an Interested and Affected Party, please contact: Rohaida Abed; CSIR; P. O. Box 17001, Congella, Durban, 4013; Phone: 031 242 2300; Fax: 031 261 2509; Email: RAbed@csir.co.za

**GRATIS**  
 \*BYBEL STUDIE LESSE  
 \*BOEKE  
 \*AUDIO/VIDEO LERINGE  
**Besoek ons webtuiste**  
**www.coyhwh.com**  
 Om meer uit te vind oor:  
 \*Die Naam van YAHWEH  
 \*Yahshua die Messias  
 \*Die 7<sup>de</sup> Dag Sabbat  
 \*Die Heilige Dae  
 \*Wet en Genade werk saam  
 En veel meer.  
**Kontak: Shemuel 076 196 8233**  
**coyhwhharties@gmail.com**

Met leedwese maak ons bekend die skielike afsterwe van ons ma  
**Johanna Pieters**  
 Roudiens navrae: Suster Mokati 083 512 1667  
 Begrafnis navrae: Greg 071 913 8070  
 "Spread Love everywhere you go. Let no one ever come to you without leaving happier."  
 - Mother Teresa  
 16/09/1951 - 23/07/2015  
 Van: Soms & familie

**Northern Cape Arabian Horse Club Training Seminar**  
 Presented by Jack & Fanie Maritz and Jacobus Barnard  
 • Basic Horsemanship  
 • Biting & Longline  
 • Show classes  
 -Novice  
 -Hunter  
 -Western  
 -Country  
 -Costume  
 -English  
 • Halter Training and Showing  
 • Conditioning & Prepping for a Show  
 -Exerise  
 -Coat care  
 -Main and Tail  
 -Face and Body Clip  
 • Tack •Bits •Training tack •Showing tack  
**7 & 8 August**  
**Fish Eagle Estate, Zanzikar Arabians**  
**Contact: Jacobus Barnard 072 994 2392**  
**Danelle Gouws 076 679 1392**

**Note from the CSIR: The Gembok is a weekly newspaper which is distributed every Wednesday and made available from Wednesday to Friday; however it is dated for a Friday (in this case, 31 July 2015). The newspaper advert was distributed on 29 July 2015.**

# SCOPING REPORT

## APPENDIX E:

### Copies and Proof of Correspondence sent to I&APs

**Scoping and Environmental Impact Assessment** for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**Letter 1: Notification of the BA, Scoping and EIA Processes**

P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: RAbed@csir.co.za



30 July 2015

Dear Interested and Affected Party

**RE: NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (CSIR REFERENCE: EMS0102/SCATEC/2015)**

Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar) (i.e. the Project Applicant), is proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gemsbok Built Farm 120, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects require a full Scoping and EIA Process for the construction of the three Solar PV facilities. A separate Basic Assessment Process is also required and will be undertaken for the development of the proposed transmission lines. The CSIR has been appointed by Scatec Solar to undertake the requisite Basic Assessment and Scoping and EIA Processes for the proposed projects.

Scatec Solar is an integrated independent power producer that is focused on making solar energy a sustainable and affordable source on a global scale. Linked to enhancing its operations within South Africa, each 75 MW Solar PV facility proposed by Scatec Solar will cover an approximate area of 200 hectares (ha) and will be constructed adjacent to each other (with a collective footprint of approximately 600 ha and a combined power generation capacity of 225 MW). The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as Kenhardt PV 1, Kenhardt PV 2, Kenhardt PV 3, Kenhardt PV 1 – Transmission Line, Kenhardt PV 2 – Transmission Line, and Kenhardt PV 3 – Transmission Line. As such, separate reports (i.e. Basic Assessment and Scoping and EIA Reports) will be compiled for each project. The Project Applicant for each proposed 75 MW Solar PV facility and transmission line project will be various subsidiaries and divisions of Scatec Solar.

In line with this, notice is hereby given that Basic Assessment and Scoping and EIA Processes will be undertaken for each of the proposed 75 MW Solar PV facilities and transmission lines. In accordance with the 2014 NEMA EIA Regulations, you have been identified as an Interested and Affected Party (I&AP) and have been included on the project I&AP database.

Please find enclosed, a Background Information Document (including a Comment and Registration Form), which provides an overview of the proposed projects, as well as the potential listed activities that form part of the Basic Assessment and Scoping and EIA Processes and require Environmental Authorisation from the National DEA. The proposed project potentially triggers the following listed activities:

- Basic Assessment Process: GN R983: Activity 11 (I);
- Scoping and EIA Process: GN R983: Activity 9 (I) and (II); Activity 12 (x) and (xII); Activity 19 (I); Activity 24 (II) and Activity 28 (II); and GN R984: Activity 1 and Activity 15.

A comment and registration period of **30 days** has been allocated for the review of the Background Information Document, for the submission of any issues or concerns, and for the registration of I&APs (which requires the completion of the enclosed Comment and Registration Form). Kindly complete the enclosed Comment and Registration Form and submit it to the CSIR at the contact details provided above by **31 August 2015**. All comments received during this 30 day period will be recorded and included in the Basic Assessment and Scoping Reports.

Kindly note that available project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Should you have any queries or require additional information please do not hesitate to contact the undersigned using the contact details provided above.

Sincerely,

Surina Laurie  
Project Leader  
CSIR Environmental Management Services

Rohaida Abed  
Project Manager  
CSIR Environmental Management Services

**Comment and Registration Form sent with Letter 1**

**BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (KENHARDT PV 1, KENHARDT PV 2, KENHARDT PV 3, KENHARDT PV 1 – TRANSMISSION LINE, KENHARDT PV 2 – TRANSMISSION LINE, AND KENHARDT PV 3 – TRANSMISSION LINE)**

CSIR REFERENCE: EMS0102/SCATEC/2015

Project Applicant: Scatec Solar SA 163 (PTY) Ltd

**COMMENT AND REGISTRATION FORM**

30 July 2015

<b>Name:</b>	<b>Telephone:</b>
<b>Organisation:</b>	<b>Fax:</b>
<b>Designation:</b>	<b>Email:</b>
<b>Physical address:</b>	<b>Postal address:</b>

Please indicate if you would like to register as an Interested and Affected Party (I&AP) for the proposed projects. Registration is required in order to receive further correspondence during the Basic Assessment and Scoping and EIA Processes. Please tick the appropriate box.

YES

NO

Please indicate if you have any interest (business, financial, personal or other) in the proposed projects and/or the Applications for Environmental Authorisation:

Please describe any issues or concerns you may have regarding the proposed projects, which you think should be considered during the Basic Assessment and Scoping and EIA Processes.

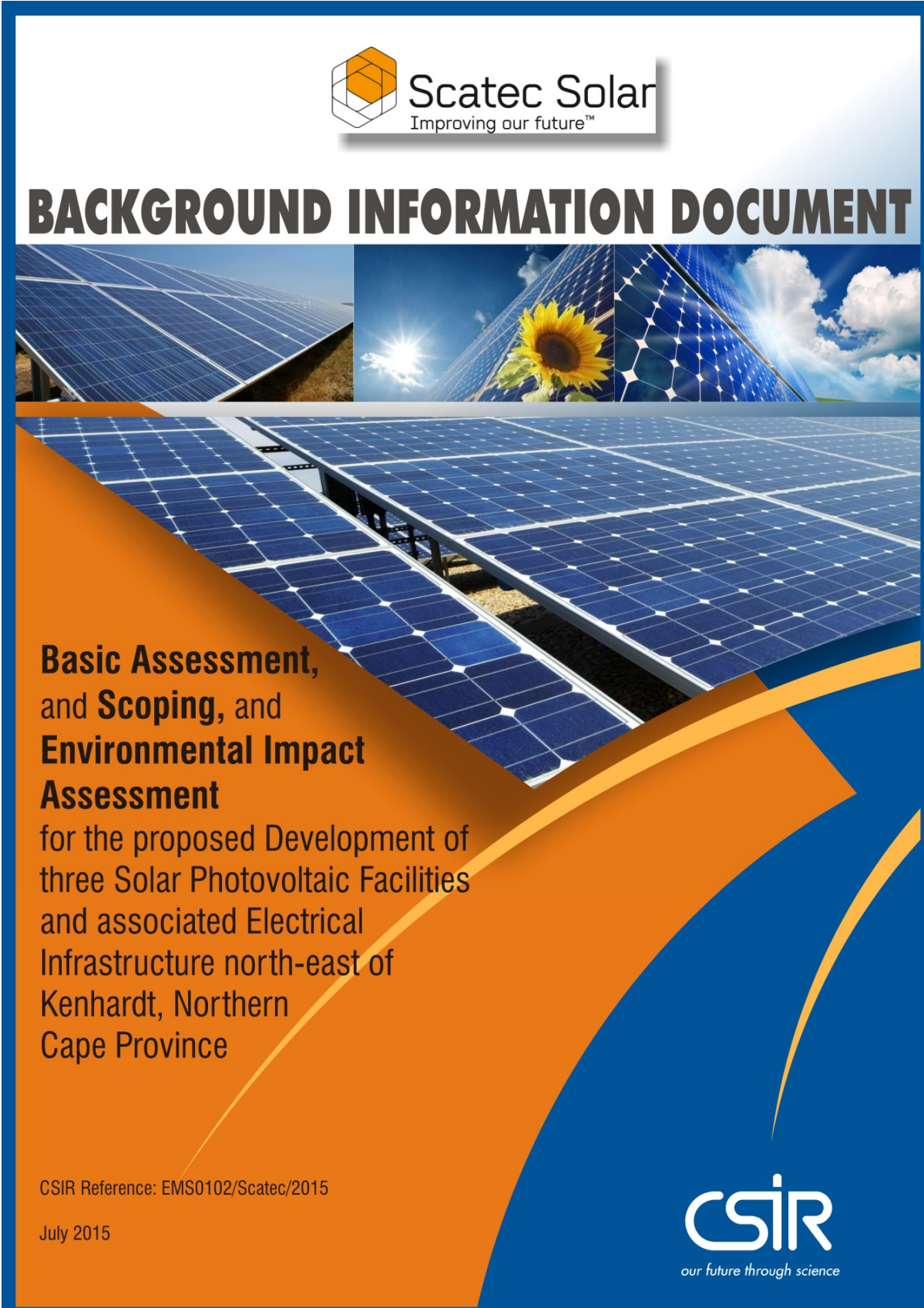
Please provide details of any other individuals or organisations that should be registered as I&APs:


Please complete this Comment and Registration Form by 31 August 2015 and submit it to:

Rohaida Abed  
CSIR  
Postal Address: P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
E-mail: RAbed@csir.co.za  
Project Website: <http://www.csir.co.za/eia/ScatecSolarPV/>



Background Information Document sent with Letter 1




**Scatec Solar**  
Improving our future™

# BACKGROUND INFORMATION DOCUMENT

**Basic Assessment,  
and Scoping, and  
Environmental Impact  
Assessment**  
for the proposed Development of  
three Solar Photovoltaic Facilities  
and associated Electrical  
Infrastructure north-east of  
Kenhardt, Northern  
Cape Province

CSIR Reference: EMS0102/Scatec/2015

July 2015

**CSIR**  
our future through science

Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

## 1. INTRODUCTION TO THE PROPOSED PROJECT

Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar) is proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility) on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gemsbok Bult Farm 120, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province.

Scatec Solar is an integrated independent power producer that is focused on making solar energy a sustainable and affordable source on a global scale. Scatec Solar was founded in 2001 and holds its headquarters in Norway. The company develops, builds, owns and operates a number of solar power plants internationally and within Africa. The company is growing significantly and is currently planned to provide a combined 207 MW of power in the United States, Honduras and Jordan. In addition, Scatec Solar collectively delivers more than 219 MW of power in the Czech Republic, South Africa and Rwanda. Specifically linked to investment within South Africa, Scatec Solar has been involved in the following major solar energy projects:

- The Linde Solar Plant (40 MW) is located in the Northern Cape and is considered to be the first of the large-scale PV plants in production from the second round of the Renewable Energy Independent Power Producer Programme (REIPPP).
- The Dreunberg Solar Plant (75 MW) is the only REIPPP Solar PV Project to be located in the Eastern Cape.
- The Kalkbult Solar Plant (75 MW) is located in the Northern Cape and was the first REIPPP project to be connected to the grid and operational in South Africa.

Linked to enhancing its operations within South Africa, each 75 MW Solar PV facility proposed by Scatec Solar will cover an approximate area of 200 hectares (ha) and will be constructed adjacent to each other (with a collective footprint of approximately 600 ha and a combined power generation capacity of 225 MW). The proposed projects are located in proximity to the Eskom Nieuwehoop Substation (which is currently being constructed on the farm Gemsbok Bult (remaining extent of Portion 3 of Farm 120)). Each proposed 132 kV transmission line will link to the Eskom Nieuwehoop Substation.

Separate Applications for Environmental Authorisation (EA) will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as:

Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities	Basic Assessment Processes: Proposed 132 kV Transmission Lines
<ul style="list-style-type: none"> <li>• Kenhardt PV 1</li> <li>• Kenhardt PV 2</li> <li>• Kenhardt PV 3</li> </ul>	<ul style="list-style-type: none"> <li>• Kenhardt PV 1 – Transmission Line</li> <li>• Kenhardt PV 2 – Transmission Line</li> <li>• Kenhardt PV 3 – Transmission Line</li> </ul>



## BACKGROUND INFORMATION DOCUMENT

Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

The Project Applicant for each of the above proposed projects will be various subsidiaries and divisions of Scatec Solar.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed projects require a full Scoping and EIA Process for the construction of the three Solar PV facilities. A separate Basic Assessment Process is also required and will be undertaken for the development of the proposed transmission lines. The CSIR has been appointed to undertake the requisite Basic Assessment and EIA Process for the proposed projects.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process (PPP) will be undertaken for the proposed projects. However, as mentioned above, separate Applications for EA will be lodged with the National DEA for each proposed project and as such, separate reports (i.e. Basic Assessment and Scoping and EIA Reports) will be compiled for each project.

## 2. NEED AND JUSTIFICATION FOR THE PROPOSED PROJECTS

At a national level, South Africa is facing serious electricity shortages as well as water scarcity. Linked to this, the proposed projects aim to supply additional electricity to the national grid. Furthermore, the urgent need to reduce greenhouse gas emissions and the importance of a secure and diversified energy supply has resulted in a global shift towards, and an increased focus on, the use of renewable energy technologies. In South Africa, national government has encouraged the utilisation of renewable energy through national policy and strategic planning. The objective is to expand electricity generation capacity in South Africa and promote the practice of sustainable development.

The Integrated Resource Plan for South Africa for the period 2010 to 2030 (hereinafter referred to as "IRP 2010") was released by government in 2010 and

proposes to develop and secure 17 800 MW of renewable energy capacity by 2030 (including wind, solar and other energy sources). The IRP 2010 has set up a target of 3 725 MW of renewable energy to be produced by Independent Power Producers (IPPs) by 2016.

Linked to this, in 2011, the Department of Energy (DOE) launched the REIPPP and invited potential IPPs to submit proposals for the financing, construction, operation and maintenance of the first 3 725 MW of onshore wind, solar thermal, solar PV, biomass, biogas, landfill gas or small hydro projects. The two main evaluation criteria for compliant proposals are price and economic development, with other selection criteria including technical feasibility and grid connectivity, environmental acceptability, black economic empowerment, community development, and local economic and manufacturing propositions. The bidders with the highest rankings (according to the aforementioned criteria) are appointed as "Preferred Bidders" by the DoE.

The proposed projects aim to contribute to the above strategic imperative.

## 3. WHAT DOES THIS DOCUMENT TELL YOU?

This Background Information Document (BID) provides you, as an Interested and Affected Party (I&AP), with:

- Background information on the proposed projects;
- A description of the Basic Assessment and EIA and Public Participation Processes that will be undertaken for the proposed projects; and
- Details on how to register your interest in the projects and receive further information.

As a registered I&AP, there will be opportunities for you to be involved in the Basic Assessment and Scoping and EIA Processes through receiving information, registering your interest on the project database, raising issues of concern and commenting on reports. The input from I&APs, together with the information and assessment provided by the Environmental Assessment Practitioner and relevant specialists, will assist the National DEA with their decision-making in terms of whether to grant or refuse EA for the proposed projects.

## BACKGROUND INFORMATION DOCUMENT

Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

#### 4. WHAT DO THE PROPOSED PROJECTS ENTAIL?

The locality map (Figure 1) included with this BID provides an overview of the proposed locality of the projects on the remaining extent of Onder Rugzeer Farm 168 and their connection points on the remaining extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape. The proposed projects will take place on land that is owned by a third party, and as such consent will be obtained from the landowner accordingly. It is anticipated that the property on which the proposed projects will be constructed will be leased from the landowner.

Each Solar PV facility will consist of the components listed below. The components and their dimensions will be discussed within the relevant Basic Assessment and Scoping and EIA Reports produced for each facility:

##### Solar Field

- Solar Arrays
- Building infrastructure
  - ▶ Offices;
  - ▶ Operational control centre;
  - ▶ Warehouse/workshop;
  - ▶ Ablution facilities; and
  - ▶ Converter station.

##### Associated Infrastructure

- Electrical infrastructure (including transmission lines and substations);
- Access roads;
- Internal gravel roads;
- Fencing;
- Operation and Maintenance Area;
- Laydown Area;
- Stormwater channels; and
- Water pipelines.

#### 5. ENVIRONMENTAL AUTHORISATION

In terms of the NEMA and the 2014 NEMA EIA Regulations published in GN R982, R983, R984 and R985 on 8 December 2014 in Government Gazette 38282, notice is hereby given that a Basic Assessment and full Scoping and EIA Process are required as the proposed projects include, amongst others, the following activities shown in Tables 1 and 2. Tables 1 and 2 indicate the applicable listed activities together with a summary of the listed activity in the context of the proposed project activities.

Table 1: Listed Activities for the Basic Assessment Processes – Proposed Transmission Lines

Relevant Notice and Activity Number	Description of the planned activity that relates to the applicable listed activity
GN R983: Activity 11 (i)	The proposed project will entail the construction and installation of a total of three overhead transmission lines with a capacity of 132 kV each. One transmission line will be constructed for each 75 MW Solar PV facility. The proposed project will take place on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation will take place on the remaining extent of Portion 3 of Gemsbok Bult Farm 120, north-east of Kenhardt in the Northern Cape Province, outside an urban area.





Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

Table 2: Listed Activities for the Scoping and EIA Processes – Proposed 75 MW Solar PV Facilities

Relevant Notice and Activity Number	Description of the planned activity that relates to the applicable listed activity
GN R983: Activity 9 (i) and (ii)	The proposed project will entail the construction of stormwater channels and water pipelines. These structures may exceed 1000 m in length, may have an internal diameter of 0.36 m or more, and possibly a peak throughput of 120 l/s or more.
GN R983: Activity 12 (x) and (xii)	Each proposed 75 MW Solar PV facility will entail the construction of building infrastructure and structures (such as the solar field, offices, workshops, ablution facilities, on-site substations, laydown areas and security enclosures). The buildings and infrastructure are expected to exceed a footprint of 100 m <sup>2</sup> and some of which are likely to occur within 32 m of a watercourse.
GN R983: Activity 19 (i)	The proposed project <b>may</b> entail the excavation, removal and moving of more than 5 m <sup>3</sup> of soil, sand, pebbles or rock from the nearby watercourse. The proposed project <b>may</b> also entail the infilling of more than 5 m <sup>3</sup> of material into the nearby watercourse.
GN R983: Activity 24 (ii)	The proposed project will entail the construction of internal access roads. These roads could possibly be wider than 8 m (without a road reserve).
GN R983: Activity 28 (ii)	The proposed project will take place on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation will take place on the remaining extent of Portion 3 of Gembok Bult Farm 120, north-east of Kenhardt in the Northern Cape. It is understood that the land is currently used for agricultural purposes. The proposed projects (i.e. commercial/industrial development) will cover a total combined footprint of approximately 600 ha.
GN R984: Activity 1	The proposed project will entail the construction of three 75 MW Solar PV facilities (i.e. facilities for the generation of electricity from a renewable resource). The proposed project will take place on the farm Onder Rugzeer 168 and the connection points to the substation will take place on the remaining extent of Portion 3 of Gembok Bult Farm 120, north-east of Kenhardt in the Northern Cape Province, outside an urban area.
GN R984: Activity 15	The total footprint of the proposed project is expected to be approximately 600 ha (i.e. 200 ha for each proposed 75 MW Solar PV facility). As a result, more than 20 ha or more of indigenous vegetation could possibly be removed for the construction of the proposed Solar PV facilities.

Note from the CSIR:

*It is also important to note that a precautionary approach has been adopted by the CSIR when identifying listed activities, in that if there is any doubt at this stage of the project planning whether or not an activity is included in the project design, then the activity is listed. This list may be refined during the course of the Basic Assessment and Scoping and EIA Processes, and listed triggers may be removed or added as applicable.*

The applicable listed activities require EA from the National DEA. The Basic Assessment and Scoping and EIA Process needs to show the Competent Authority, the National DEA, and the project proponent, Scatec Solar, the consequences their choices will have on the biophysical, social and economic environment. The steps in the Basic Assessment and Scoping and EIA Process are outlined below.

## 6. SCOPING AND EIA PROCESS

The Scoping and EIA Process being implemented can be summarised as follows:

### Stage 1: Environmental Scoping:

This Scoping Process is being planned and conducted in a manner that is intended to provide sufficient information to enable the authorities to reach a decision regarding the scope of issues to be addressed in the EIA, and in particular to convey the range of specialist studies that will be included as part of the Environmental Impact Reporting Phase of the EIA, as well as the approach to these specialist studies. Within this context, the main objectives of this Scoping Process are to:

- Identify and inform a broad range of stakeholders about the proposed projects;
- Through a process of broad-based consultation with stakeholders, conduct an open, participatory and transparent Public Participation Process and facilitate the inclusion of any concerns and issues raised by stakeholders;
- Identify the relevant policies and legislation relevant to the proposed project;
- Provide the need and desirability of the proposed project, as well as the need and desirability of the project in the context of the preferred location;
- Identify and confirm the preferred activity, technology

Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

alternative, and preferred site (i.e. clarify the scope and nature of the proposed activities and the alternatives being considered);

- Identify and document the key issues to be addressed in the subsequent EIA Phase;
- Confirm the level of assessment required, impact assessment methodology, and the specialist input; and
- Identify suitable measures to avoid, manage or mitigate identified impacts and to determine the extent of the residual risks that need to be managed and monitored.

**Stage 2: EIA:**

The purpose of this stage of the EIA Process is to:

- Undertake specialist investigations to address the issues of concern that have been raised and identified through the Scoping Process.
- Assess reasonable and feasible alternatives that form part of the proposed project (including the No Go Option);
- Determine the policy and legislative context of the proposed project;
- Describe the need and desirability of the proposed project, as well as the need and desirability of the project in the context of the preferred location;
- Identify the location of the proposed development footprint within the preferred site;
- Identify the most ideal location for the proposed activity within the preferred site;
- Identify, determine and assess the significance of the predicted impacts in line with the accepted Plan of Study for EIA;
- Recommend management actions to enhance positive benefits or avoid/minimise potential negative impacts (based on specialist input); and
- Identify residual risks that need to be managed and monitored.

The following specialist studies have been identified, at this stage, to form part of the EIA Phase of the proposed projects:

- Ecological Impact Assessment (including Terrestrial Ecology, Aquatic Ecology and Avifauna);
- Visual Impact Assessment;
- Heritage Impact Assessment (Archaeology and Cultural Landscape);
- Desktop Palaeontological Impact Assessment;
- Geohydrological Assessment;
- Soils and Agricultural Potential Assessment; and
- Social Impact Assessment

## 7. BASIC ASSESSMENT PROCESS

The objectives of the Basic Assessment Processes being implemented will be similar to that of the Scoping and EIA Processes as explained above. The

proposed transmission lines will be assessed separately as part of a Basic Assessment Process in order to facilitate the administrative aspects surrounding the REIPPP evaluation process and potential transfer of the lines to Eskom. The abovementioned specialist studies undertaken for the Scoping and EIA Processes will feed into the Basic Assessment.

## 8. PUBLIC PARTICIPATION PROCESS

Public involvement forms an important component of the Basic Assessment and EIA Process by assisting in the identification of issues and alternatives to be evaluated. The following outlines the steps in the Public Participation Process which will be undertaken to run in parallel to the Basic Assessment and Scoping and EIA Processes.

### Step 1: Notify Authorities and I&APs of the Basic Assessment and Scoping and EIA Processes (30 days)

The initial step entails providing notification to Authorities and potential I&APs of the proposed projects and the commencement of the Basic Assessment and Scoping and EIA Processes. An initial database of potential I&APs and Authorities will be compiled. Authorities and potential I&APs will be provided with a BID (i.e. this document), including a Comment and Registration Form and written notification. Advertisements will also be placed in a local newspaper during this phase. I&APs will be provided with a 30-day review period within which to raise any issues or concerns for inclusion in the Basic Assessment and Scoping Reports. During this review period, I&APs are required to register their interest on the project database in order to be included from the outset of the Basic Assessment and Scoping and EIA Processes.

### Step 2: Preparation of Applications for EA, and Basic Assessment and Scoping Reports

Separate Applications for EA for each proposed 75 MW Solar PV facility and transmission line will be prepared (i.e. a total of six applications will be prepared). In addition, the Basic Assessment Reports will be compiled in line with Appendix 1 of the 2014 EIA Regulations (GN R982), and the Scoping Reports and Plan of Study for EIA will be compiled in line with Appendix 2 of the 2014 EIA Regulations (GN R982). All issues and concerns raised by the Authorities and I&APs during the review of the BID will be recorded and compiled into an Issues and Responses Trail for inclusion in the Basic Assessment and Scoping Reports.

### Step 3: Submission of Applications for EA

Submit the Applications for EA for each proposed 75 MW Solar PV facility and transmission line (i.e. a total of six applications) to the National DEA for processing.

## BACKGROUND INFORMATION DOCUMENT

Basic Assessment and Scoping and Environmental Impact Assessment for the proposed Development of three Solar Photovoltaic Facilities and associated Electrical Infrastructure north-east of Kenhardt, Northern Cape Province

**Step 4: Authority and I&AP Review of the Scoping Reports (30 days)**

The Scoping Reports will be released to the public for a 30-day review period. All Authorities and registered I&APs on the project database will be notified in writing of the opportunity to review the Scoping Reports. A Comment and Registration Form will also be sent with the written notification to all registered stakeholders. Copies of the Scoping Reports will be placed on the project website (<http://www.csir.co.za/eia/ScatecSolarPV/>), and at the local public library.

**Step 5: Submission of Scoping Reports to the National DEA for Decision-Making**

The comments received from I&APs during the 30-day review of the Scoping Reports will be recorded into a comprehensive Issues and Responses Trail, and will be included in the Scoping Reports before submission to the National DEA. The Scoping Reports will thereafter be finalised and submitted to the National DEA for decision making. All registered I&APs on the project database will be notified of the submission of the Scoping Reports.

The National DEA will have 43 days (from receipt of the Scoping Reports) to either accept the Scoping Reports with or without conditions, or refuse EA.

**Step 6: Undertake Specialist Studies and Preparation of Basic Assessment and EIA Reports (including the Environmental Management Programme (EMPr))**

Once the National DEA accepts the Scoping Reports, the Impact Assessment Phase may commence.

During this phase, the specialist studies (as listed above) will be undertaken and the EIA Reports (including the EMPr) will be compiled in line with the 2014 EIA Regulations and the accepted Plan of Study for EIA.

During this phase, the Basic Assessment Reports (including the EMPr) will also be compiled in line with the 2014 EIA Regulations.

**Step 7: Authority and I&AP Review of the Basic Assessment and EIA Reports and EMPr (30 days)**

During this phase, the Basic Assessment and EIA Reports will be released to the public for a 30-day review period. All Authorities and registered I&APs on the project database will be notified in writing of the opportunity to review the EIA Reports. A Comment and Registration Form will also be sent with the written notification to all registered stakeholders. Copies of the Basic Assessment and EIA Reports will be placed on the project website (<http://www.csir.co.za/eia/ScatecSolarPV/>), and at the local public library.

**Step 8: Submission of the Basic Assessment and EIA Reports to the National DEA for Decision-Making**

A key component of the Basic Assessment and EIA Process

is documenting and responding to the comments received from I&APs and Authorities. The comments received from I&APs during the 30-day review of the Basic Assessment and EIA Reports will be recorded into a comprehensive Comments and Responses Trail, and will be included in the EIA Reports before submission to the National DEA. The Comments and Responses Trail will indicate the nature of the comment, when and who raised the comment, as well as indicate how the comment received has been considered in the Basic Assessment and EIA Reports, in the project design or the EMPr. The Basic Assessment and EIA Reports will thereafter be finalised and submitted to the National DEA for decision making. All registered I&APs on the project database will be notified of the submission of the Basic Assessment and EIA Reports.

The National DEA will have 10 days (from receipt of the EIA Reports) to acknowledge the reports and will thereafter have 107 days to grant or refuse EA.

**Step 9: Notification of Environmental Decision and Appeal Period**

All registered stakeholders on the project database will be notified in writing of the environmental decision for the proposed projects, and will be informed of the opportunity to appeal.

**HOW CAN YOU GET INVOLVED?**

1. By responding to our invitation for your involvement advertised in local newspapers.
2. By mailing or faxing a Comment and Registration Form to the CSIR (contact details provided below).
3. By telephonically contacting the CSIR if you have a query, comment, or require further project information.
4. By reviewing the various reports within the stipulated comment periods provided.
5. By attending any feedback meetings, which may be held during the review period.

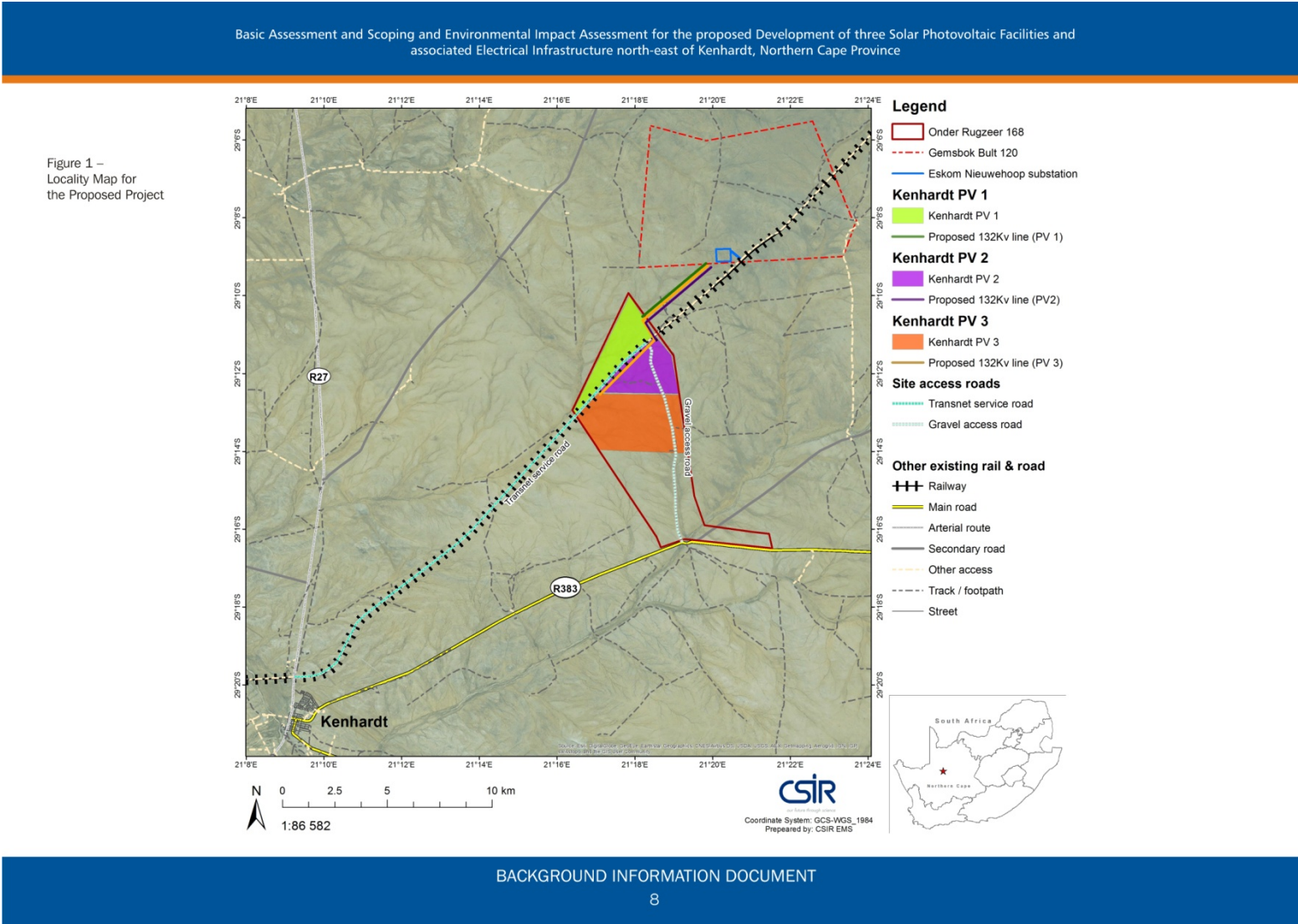
**CSIR Contact Details:**

To register as an I&AP, please complete the Comment and Registration Form included with this BID and kindly return to:

Rohaida Abed  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)  
Tel: 031 242 2300  
Fax: 031 261 2509

Postal Address: P. O. Box 17001, Congella,  
Durban, 4013





Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**Proof of Correspondence with I&APs (Registered Mail Receipts for Letter 1)**

**DALBRIDGE POST OFFICE**  
**LIST OF REGISTERED MAIL FOR CSIR DURBAN – July 2015**

**SCATEC SOLAR - DISTRIBUTION LIST FOR Rohaida Abed – Unit: CAS**

No.	Name	Surname	Company	Designation	Postal	Registered Number Customer Copy (for CSIR)
1	Munifata	Eabochiuro	National Department of Environmental Affairs: Department of Environmental Affairs: Integrated Environmental Authorisations	Competent Authority	Private Bag X447 Pretoria 0001	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 466 ZA CUSTOMER COPY 301028R
2	Muhammad	Essop	National Department of Environmental Affairs: Department of Environmental Affairs: Integrated Environmental Authorisations	Competent Authority	Private Bag X447 Pretoria 0002	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 506 ZA CUSTOMER COPY 301028R
3	A	Yaphi	Provincial Department of Environment and Nature Conservation: Northern Cape	Provincial Environmental Authority	Private Bag X6102 Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 510 ZA CUSTOMER COPY 301028R
4	M	Mathews	Provincial Department of Environment and Nature Conservation: Northern Cape	Provincial Environmental Authority	Private Bag X6102 Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 523 ZA CUSTOMER COPY 301028R
5	Mr Eric	Ngkanga	ZF Mgcawu District Municipality - Municipal Manager	Municipal Manager	Private Bag X6039 Upington 8800	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 537 ZA CUSTOMER COPY 301028R
6	H.T	Scheepers	IKhels Municipality - Municipal Manager	Municipal Manager	Private Bag X2, Oranje Street 97, Groblershoop 8850	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 545 ZA CUSTOMER COPY 301028R
7	JG	Lategan	Kai I Garib Municipality - Municipal Manager	Municipal Manager	Private Bag X6, Kakamas, 8870	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 554 ZA CUSTOMER COPY 301028R
8	Mashudu	Randwedzi	Department of Water and Sanitation	DWS	Private Bag X5912 Upington 8800	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 568 ZA CUSTOMER COPY 301028R
9	Melinda	Mei	Department of Water and Sanitation	DWS	Private Bag X5912 Upington 8800	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 712 571 ZA CUSTOMER COPY 301028R
10	Mandla	Ndzilili	Ministry of Environment and Nature Conservation		Private Bag X6120 Kimberley 8301	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 713 461 ZA CUSTOMER COPY 301028R
11	Mr Sibonelo	Mbarjwa	Provincial Department of Environment and Nature Conservation: Northern Cape		Private Bag X6120 Kimberley 8301	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 713 475 ZA CUSTOMER COPY 301028R
12	Me Mashudu	Merubini	Department of Agriculture, Forestry and Fisheries - Delegate of the Minister (Act 70 of 1970)	Delegate of the Minister (Act 70 of 1970)	Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a domestic insurance option) Shawcross 0850 111 812 www.spc.co.za RC 073 713 458 ZA CUSTOMER COPY 301028R

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

No.	Name	Surname	Company	Designation	Postal	Registered Number Customer Copy (for CSIR)
13	Thoko	Buthlezi	Department of Agriculture, Forestry and Fisheries - Agriland Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 444 ZA CUSTOMER COPY 301028R
14	D	Nhlahkad	Department of Agriculture, Forestry and Fisheries - Agriland Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 427 ZA CUSTOMER COPY 301028R
15	Anneliza	Collett	Department of Agriculture, Forestry and Fisheries - Agriland Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 435 ZA CUSTOMER COPY 301028R
16	Jacoline	Mans	Department of Agriculture, Forestry and Fisheries - Chief Forester: NFA Regulation		PO BOX 2782 Upington 8800	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 360 ZA CUSTOMER COPY 301028R
17	Ali	Diteme	Agriculture, Land Reform & Rural Development		Private Bag X 5018, Kimberley, 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 373 ZA CUSTOMER COPY 301028R
18	Pieter	Buys	National Energy Regulator of South Africa (NERSA)		PO Box 40343, Arcadia, 0007	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 387 ZA CUSTOMER COPY 301028R
19	IA	Bulane	Department of Public Works, Roads and Transport		PO Box 3132, Squarehill Park, Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 400 ZA CUSTOMER COPY 301028R
20	Denver	Van Heerden	Department of Public Works, Roads and Transport		PO Box 3132, Squarehill Park, Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 413 ZA CUSTOMER COPY 301028R
21	Rene	de kock	South African Roads Agency Limited (SANRAL) Northern Cape (Western Region)		Private Bag X19 Bellville, 7535	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 395 ZA CUSTOMER COPY 301028R
22	Ms. M	Lepheane	Department of Labour		Private Bag X5012, Kimberley, 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 308 ZA CUSTOMER COPY 301028R
23	Mr. A.	Botes	Department of Social Development		Private Bag X 5042, Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 311 ZA CUSTOMER COPY 301028R
24	Mr. Riaan	Warie	Northern Cape Economic Development Agency		227 Du Toitspan Road, Belgravia, Kimberley 8301	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 325 ZA CUSTOMER COPY 301028R
25	Mr Andrew	Timothy	Directorate Heritage, Department - Sports, Arts and Culture		P. O. Box 1930, Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) ShweCaf 0863 713 000 www.sagoc.co.za RC 073 713 339 ZA CUSTOMER COPY 301028R



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

No.	Name	Surname	Company	Designation	Postal	Registered Number Customer Copy (for CSIR)
29	Lizell	Stroh	South African Civilian Aviation Authority		Private Bag X73 Halfway House 1685	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 268 Z.A. RC 073 713 268 Z.A. CUSTOMER COPY 301029R
30	John	Geeringh	ESKOM	Commenting authority	P.O. Box 1091 Johannesburg 2157	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 299 Z.A. RC 073 713 299 Z.A. CUSTOMER COPY 301029R
31	Justine	Wyrngaardt	Eskom Holdings Limited: Eskom Distribution Western Operating Unit			REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 271 Z.A. RC 073 713 271 Z.A. CUSTOMER COPY 301029R
32	Sharon	Steyn	Northern Cape Chamber of Commerce and Industry		PO Box 350, Kimberley 8300	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 245 Z.A. RC 073 713 245 Z.A. CUSTOMER COPY 301029R
33	P.J.J	van Rensburg	Agri Northern Cape		PO Box 1094, Kimberly 8300	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 255 Z.A. RC 073 713 255 Z.A. CUSTOMER COPY 301029R
35	Adrian	Tipidy	SKA SA		17 Baker Street Rosebank Johannesburg South Africa 2196	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 237 Z.A. RC 073 713 237 Z.A. CUSTOMER COPY 301029R
37	The Director		Department of Energy Northern Cape		Private Bag X6093 Kimberley, 8300	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 216 Z.A. RC 073 713 216 Z.A. CUSTOMER COPY 301029R
38	Simon	Gear	Birdlife South Africa		PO Box 515 Randburg, 2194	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 199 Z.A. RC 073 713 199 Z.A. CUSTOMER COPY 301029R



No.	Name	Surname	Company	Designation	Postal	Registered Number Customer Copy (for CSIR)
39	Lubabalo	Ntsolo	C.A.P.E. co-ordination unit: Northern Cape		Private Bag X7, Claremont, 7735	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 183 Z.A. RC 073 713 183 Z.A. CUSTOMER COPY 301029R
41	Dr. Howard	Hendricks	South African National Parks (SANParks) - Snr GM: Policy & Governance Conservation Services Division		PO Box 787, Pretoria, 0001	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 166 Z.A. RC 073 713 166 Z.A. CUSTOMER COPY 301029R
42	Rudolph	Grobler			PO Box 41, Keimos 8860	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 152 Z.A. RC 073 713 152 Z.A. CUSTOMER COPY 301029R
43	Ernest	Connan	Ernest Connan Trust		PO Box 280, Upington, 8800	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 149 Z.A. RC 073 713 149 Z.A. CUSTOMER COPY 301029R
44	Johan	Steenkamp	JHJ Steenkamp Trust		JHJ Steenkamp Trust PO Box 3267 Upington 8800	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 135 Z.A. RC 073 713 135 Z.A. CUSTOMER COPY 301029R
	Simone	De la Fontaine	Northern Cape Department of Environment and Nature Conservation		Provincial Building 1st Floor Gunter Street Weggenwandel, R3 Upington 8800	REGISTERED LETTER (with a domestic insurance option) Sharcad 0868 713 411 Z.A. RC 089 995 411 Z.A. CUSTOMER COPY 301029R



**Email 1 sent to all I&APs on 29 July 2015 (English and Afrikaans)**

**From:** Rohaida Abed  
**To:** Abed, Rohaida  
**BC** Clive.Stephenson@transnet.net; GeerinJH@eskom.co.za; [Gilbert.Nortier@transnet.net](mailto:Gilbert.Nortier@transnet.net); JacquelineMa@daff.gov.za; Laurie, Surina; LeaskK@eskom.co.za; MashuduMa@daff.gov.za; Mayvyn.Bhana@transnet.net; MeiM@dwa.gov.za; Rabothata, MMatlala; ThokoB@daff.gov.za; WyngaaJO@eskom.co.za; aditeme@agri.ncape.gov.za; admin@grasslands.org.za; advocacy@birdlife.org.za; ameliastrauss2@gmail.com; andre.vanniekerk10@gmail.com; annelizac@nda.agric.za; atiplady@ska.ac.za; boozahunter@yahoo.com; claude@veroniva.co.za; ernest.connan@donco.co.za; fpr@bodr.gov.za; hendri@aheadtrading.co.za; howard.hendricks@sanparks.org; jhjs@webmail.co.za; karen@mulilo.com; klawrence@trpw.ncape.gov.za; kraaines@mweb.co.za; l.ntsolo@sanbi.org.za; marcyroxnpc@gmail.com; messop@environment.gov.za; mitchell.hodgson@scatecsolar.com; mm@kaigarib.gov.za; mmathews@ncpg.gov.za; mndzilili@ncpg.gov.za; monica.lepheane@labour.gov.za; ncagric@worldonline.co.za; nhlakad@daff.gov.za; nyaphi@ncpg.gov.za; peter.buys@nersa.org.za; ratha.timothy@gmail.com; rwarie@ncpg.gov.za; sb@siyanda.gov.za; sdelafontaine@gmail.com; sharon@nocco.co.za; smbanjwa@ncpg.gov.za; straussdj@orientis.co.za; strohl@caa.co.za; teresascheepers@vodamail.co.za; waltjc@nra.co.za; wep@ewt.org.za  
**Date:** 29/07/2015 16:01  
**Subject:** Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** Scatec Solar BID\_A4\_8 PAGES\_July2015\_LOW RES.pdf; CSIR Letter 1 to I&APs\_Scatec Solar NC.pdf; Comment and Response Form\_Scatec Solar NC.pdf

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference: EMS0102/SCATEC/2015**

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gemsbok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

<b>Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities</b>	<b>BA Processes: Proposed 132 kV Transmission Lines</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015 to 31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.



In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

*Beste Belanghebbende en Geïnteresseerde Party*

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaïese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gembok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

<b>Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (**30 Julie 2015 - 31 Augustus 2015**). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,

Rohaida Abed  
CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

**Proof of Delivery of Email 1 sent to all I&APs on 29 July 2015**

Page 1 of 3

Message Id: 55B8DCA1.FB3 : 179 : 65115  
 Subject: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
 Created By: RABed@csir.co.za  
 Scheduled Date:  
 Creation Date: 29/07/2015 16:01  
 From: Rohalida Abed

**Recipients:**

Recipient	Action	Date & Time	Comment
 agrincape.gov.za	Transferred	29/07/2015 16:01	
BC: aditeme@agrincape.gov.za (aditeme@agrincape.gov.za)	Delivered	29/07/2015 16:02	
 aheadtrading.co.za	Transferred	29/07/2015 16:01	
BC: hendri@aheadtrading.co.za (hendri@aheadtrading.co.za)	Delivered	29/07/2015 16:02	
 birdlife.org.za	Transferred	29/07/2015 16:01	
BC: advocacy@birdlife.org.za (advocacy@birdlife.org.za)	Delivered	29/07/2015 16:02	
 bodr.gov.za	Transferred	29/07/2015 16:01	
BC: fpr@bodr.gov.za (fpr@bodr.gov.za)	Undeliverable	29/07/2015 16:02	
 caa.co.za	Transferred	29/07/2015 16:01	
BC: strohi@caa.co.za (strohi@caa.co.za)	Delivered	29/07/2015 16:08	
 daff.gov.za	Transferred	29/07/2015 16:01	
BC: JacquelineMa@daff.gov.za (JacolineMa@daff.gov.za)			
BC: MashuduMa@daff.gov.za (MashuduMa@daff.gov.za)			
BC: nhlakad@daff.gov.za (nhlakad@daff.gov.za)			
BC: ThokoB@daff.gov.za (ThokoB@daff.gov.za)			
 donco.co.za	Transferred	29/07/2015 16:01	
BC: emest.connan@donco.co.za (emest.connan@donco.co.za)	Delivered	29/07/2015 16:02	
 dwa.gov.za	Transferred	29/07/2015 16:01	
BC: MeM@dwa.gov.za (MeM@dwa.gov.za)	Delivered	29/07/2015 16:02	
 environment.gov.za	Transferred	29/07/2015 16:01	
BC: messop@environment.gov.za (messop@environment.gov.za)	Delivered	29/07/2015 16:03	
BC: Rabothata MMtataia (MRabothata@environment.gov.za)	Delivered	29/07/2015 16:03	
 eskom.co.za	Transferred	29/07/2015 16:01	
BC: GeerinJH@eskom.co.za (GeerinJH@eskom.co.za)	Delivered	29/07/2015 16:02	
BC: LeaskK@eskom.co.za (LeaskK@eskom.co.za)	Delivered	29/07/2015 16:02	
BC: WngasJO@eskom.co.za (WngasJO@eskom.co.za)	Delivered	29/07/2015 16:02	
 ewt.org.za	Transferred	29/07/2015 16:01	
BC: wep@ewt.org.za (wep@ewt.org.za)	Delivered	29/07/2015 16:11	2.0.0 recipients expanded
 gmail.com	Transferred	29/07/2015 16:01	
BC: amelastruss2@gmail.com (amelastruss2@gmail.com)	Delivered	29/07/2015 16:03	
BC: andre.vannlekerk10@gmail.com (andre.vannlekerk10@gmail.com)	Delivered	29/07/2015 16:03	
BC: marcyroxmpc@gmail.com (marcyroxmpc@gmail.com)	Delivered	29/07/2015 16:03	
BC: ratha.timothy@gmail.com (ratha.timothy@gmail.com)	Delivered	29/07/2015 16:03	
BC: sdelafontaine@gmail.com (sdelafontaine@gmail.com)	Delivered	29/07/2015 16:03	
 grasslands.org.za	Transferred	29/07/2015 16:01	
BC: admin@grasslands.org.za (admin@grasslands.org.za)	Delivered	29/07/2015 16:02	
 kalgarib.gov.za	Transferred	29/07/2015 16:01	
BC: mm@kalgarib.gov.za (mm@kalgarib.gov.za)	Delivered	29/07/2015 16:03	
 labour.gov.za	Transferred	29/07/2015 16:01	
BC: monica.lepheane@labour.gov.za (monica.lepheane@labour.gov.za)	Delivered	29/07/2015 16:03	
 mullo.com	Transferred	29/07/2015 16:01	
BC: karen@mullo.com (karen@mullo.com)	Delivered	29/07/2015 16:03	
 mweb.co.za	Transferred	29/07/2015 16:01	
BC: kraaines@mweb.co.za (kraaines@mweb.co.za)	Delivered	29/07/2015 16:03	
 ncp.gov.za	Transferred	29/07/2015 16:01	
BC: mmathews@ncpg.gov.za (mmathews@ncpg.gov.za)	Delivered	29/07/2015 16:03	
BC: mndzill@ncpg.gov.za (mndzill@ncpg.gov.za)	Delivered	29/07/2015 16:03	
BC: nyaphi@ncpg.gov.za (nyaphi@ncpg.gov.za)	Delivered	29/07/2015 16:03	

BC: rwarie@ncpg.gov.za (rwarie@ncpg.gov.za)	Delivered	29/07/2015 16:03
BC: smbanjwa@ncpg.gov.za (smbanjwa@ncpg.gov.za)	Delivered	29/07/2015 16:03
nda.agric.za	Transferred	29/07/2015 16:01
BC: annelzacc@nda.agric.za (annelzacc@nda.agric.za)	Delivered	31/07/2015 21:50
nersa.org.za	Transferred	29/07/2015 16:01
BC: peter.buys@nersa.org.za (peter.buys@nersa.org.za)	Delivered	29/07/2015 16:09
nocci.co.za	Transferred	29/07/2015 16:01
BC: sharon@nocci.co.za (sharon@nocci.co.za)		
nra.co.za	Transferred	29/07/2015 16:01
BC: waitjc@nra.co.za (waitjc@nra.co.za)	Delivered	29/07/2015 16:02
orientis.co.za	Transferred	29/07/2015 16:01
BC: straussd@orientis.co.za (straussd@orientis.co.za)	Delivered	29/07/2015 16:02
POBOX1.DURBAN	Delivered	29/07/2015 16:01
To: Rohalda Abed (RAbed@csr.co.za)	Read	29/07/2015 16:01
POBOX1.STELLBOS	Delivered	29/07/2015 16:01
BC: Surina Laurie (SLaurie@csr.co.za)	Third-Party Downloaded Read	29/07/2015 16:01 29/07/2015 16:02
sanbi.org.za	Transferred	29/07/2015 16:01
BC: lntsolio@sanbi.org.za (lntsolio@sanbi.org.za)	Undeliverable	29/07/2015 16:02
sanparks.org	Transferred	29/07/2015 16:01
BC: howard.hendricks@sanparks.org (howard.hendricks@sanparks.org)	Delivered	29/07/2015 16:12
scatecsolar.com	Transferred	29/07/2015 16:01
BC: mitchell.hodgson@scatecsolar.com (mitchell.hodgson@scatecsolar.com)	Delivered	29/07/2015 16:03
styanda.gov.za	Transferred	29/07/2015 16:01
BC: sb@styanda.gov.za (sb@styanda.gov.za)	Undeliverable	03/08/2015 16:27
ska.ac.za	Transferred	29/07/2015 16:01
BC: atpiady@ska.ac.za (atpiady@ska.ac.za)	Delivered	29/07/2015 16:02
transnet.net	Transferred	29/07/2015 16:01
BC: Clive.Stephenson@transnet.net (Clive.Stephenson@transnet.net)	Delivered	29/07/2015 16:03
BC: Gilbert.Nortier@transnet.net (Gilbert.Nortier@transnet.net)	Delivered	29/07/2015 16:03
BC: Mayvyn.Bhana@transnet.net (Mayvyn.Bhana@transnet.net)	Delivered	29/07/2015 16:03
tpw.ncape.gov.za	Transferred	29/07/2015 16:01
BC: klawrence@tpw.ncape.gov.za (klawrence@tpw.ncape.gov.za)	Undeliverable	29/07/2015 16:02
veroniva.co.za	Transferred	29/07/2015 16:01
BC: claudie@veroniva.co.za (claudie@veroniva.co.za)	Delivered	29/07/2015 16:03
vodamail.co.za	Transferred	29/07/2015 16:01
BC: teresascheepers@vodamail.co.za (teresascheepers@vodamail.co.za)	Delivered	29/07/2015 16:19 2.0.0 recipients expanded
webmail.co.za	Transferred	29/07/2015 16:01
BC: jhjs@webmail.co.za (jhjs@webmail.co.za)	Transferred	29/07/2015 16:30 2.0.0 message relayed
worldonline.co.za	Transferred	29/07/2015 16:01
BC: ncagric@worldonline.co.za (ncagric@worldonline.co.za)	Delivered	29/07/2015 16:02
yahoo.com	Transferred	29/07/2015 16:01
BC: boozahunter@yahoo.com (boozahunter@yahoo.com)	Delivered	29/07/2015 16:03

**Post Offices**

Post Office	Delivered	Route
agri.ncape.gov.za		agri.ncape.gov.za
aheadtrading.co.za		aheadtrading.co.za
birdlife.org.za		birdlife.org.za
bodr.gov.za		bodr.gov.za
caa.co.za		caa.co.za
daff.gov.za		daff.gov.za
donco.co.za		donco.co.za
dwa.gov.za		dwa.gov.za
environment.gov.za		environment.gov.za

eskom.co.za		eskom.co.za
ewf.org.za		ewf.org.za
gmail.com		gmail.com
grasslands.org.za		grasslands.org.za
kalgarib.gov.za		kalgarib.gov.za
labour.gov.za		labour.gov.za
mullo.com		mullo.com
mweb.co.za		mweb.co.za
ncpg.gov.za		ncpg.gov.za
nda.agric.za		nda.agric.za
nersa.org.za		nersa.org.za
nocci.co.za		nocci.co.za
nra.co.za		nra.co.za
orients.co.za		orients.co.za
POBOX1.DURBAN	29/07/2015 16:01	csir.co.za
POBOX1.STELLBOES	29/07/2015 16:01	csir.co.za
sanbi.org.za		sanbi.org.za
sanparks.org		sanparks.org
scatecsolar.com		scatecsolar.com
siyanda.gov.za		siyanda.gov.za
ska.ac.za		ska.ac.za
transnet.net		transnet.net
tpw.ncape.gov.za		tpw.ncape.gov.za
veroniva.co.za		veroniva.co.za
vodamail.co.za		vodamail.co.za
webmail.co.za		webmail.co.za
worldonline.co.za		worldonline.co.za
yahoo.com		yahoo.com

**Files**

File	Size	Date & Time
Comment and Response Form_Scatec Solar NC.pdf	86206	28/07/2015 15:14
CSIR Letter 1 to I&APs_Scatec Solar NC.pdf	123630	28/07/2015 15:15
MESSAGE	13601	29/07/2015 16:01
Scatec Solar BID_A4_8 PAGES_July2015_LOW RES.pdf	751766	29/07/2015 08:56
TEXT.htm	35806	29/07/2015 16:01

**Options**

Auto Delete:	No
Concealed Subject:	No
Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply requested by	None
Security:	Standard
To Be Delivered:	Immediate

**Record Id**

Record Id:	55B8F9C1.DURBAN.POBOX1.100.1356D37.1.C449.1
Common Record Id:	55B8F9C1.DURBAN.POBOX1.200.20000B3.1.30CB0.1

**Response and Follow-up Emails sent to I&APs and Stakeholders during the 30-day review of the BID**

**From:** Rohaida Abed  
**To:** (UPN), Mei Melinda  
**CC:** Shaun, Cloete  
**Date:** 05/08/2015 08:48  
**Subject:** Re: Hard Copies: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Melinda

Thank you for your email. Hard copies of the BID, Comment Form and Letter 1 has been sent to the following address via registered mail on 30 July 2015:

Department Of Water and Sanitation  
Private Bag X 5912  
Upington  
8800

The documents were sent to the following representatives of DWS (please note the tracking numbers as well).

- Mashudu Randwedzi - Tracking Number: RC 073 712 568 ZA
- Melinda Mei - Tracking Number: RC 073 712 571 ZA

Please let me know once you receive the documents.

Thanks and kind regards,  
Rohaida

>>> "Mei Melinda (UPN)" <MeiM@dws.gov.za> 04/08/2015 13:38 >>>

Good morning Mr. Abed  
Your notice received with regards to Basic Assessment; Scoping and Environmental Impact Assessment for the Proposed Development of the three Solar Photovoltaic Facilities and Associated Electrical Infrastructure; North-East of Kenhardt; Northern Cape is of reference.

DWS requires you to forward hard copies of the above mentioned project to either of the following address:

Physical Address:  
Department Of Water and Sanitation  
Louisvale Road Upington  
8801

OR

Postal Address:  
Department Of Water and Sanitation  
Private Bag X 5912  
Upington  
8800

Your co-operation and assistance is highly appreciated.

With kind regards,

Melinda Mei  
Senior Administration Clerk  
Water Quality Management: Lower Orange Water Management Area  
Tel: 054 338 5836  
Fax: 054 334 0205  
Mail: [MeiM@dwa.gov.za](mailto:MeiM@dwa.gov.za)

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** Rohaida Abed [mailto:RAbed@csir.co.za]

**Sent:** 29 July 2015 04:01 PM

**To:** Rohaida Abed

**Subject:** Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference:** EMS0102/SCATEC/2015

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gembok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

<b>Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities</b>	<b>BA Processes: Proposed 132 kV Transmission Lines</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015 to 31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

Beste Belanghebbende en Geïnteresseerde Party

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpevalueringproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaïese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gembok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

<b>Bestek en Omgewingsimpevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (30 Julie 2015 - 31 Augustus 2015). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,

Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

---

**From:** Rohaida Abed  
**To:** townsendmorgan029@gmail.com  
**Date:** 26/08/2015 17:03  
**Subject:** Fwd: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** Scatec Solar BID\_A4\_8 PAGES\_July2015\_LOW RES.pdf; CSIR Letter 1 to I&APs\_Scatec Solar NC.pdf; Comment and Response Form\_Scatec Solar NC.pdf

Good day

I understand that you contacted our offices for additional information on the proposed Solar PV projects in the Northern Cape. If you would like to register on the database as an I&AP, please complete the attached comment and response form and return it to me via email. Please also see attached a Background Information Document and letter.

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Thanks and kind regards,  
Rohaida

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

>>> Rohaida Abed 29/07/2015 16:01 >>>

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference: EMS0102/SCATEC/2015**

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gembok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

<b>Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities</b>	<b>BA Processes: Proposed 132 kV Transmission Lines</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015 to 31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)



Beste Belanghebbende en Geïnteresseerde Party

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaïese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gembok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

<b>Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (30 Julie 2015 - 31 Augustus 2015). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,

Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

---

**From:** Rohaida Abed  
**To:** Miles, Melanie  
**Date:** 27/08/2015 09:33  
**Subject:** Re: Proposed Development of Three Solar Photovoltaic Facilities and Associated Electrical Infrastructure  
**Attachments:** Scatec Solar BID\_A4\_8 PAGES\_July2015\_LOW RES.pdf; Comment and Response Form\_Scatec Solar NC.pdf; CSIR Letter 1 to I&APs\_Scatec Solar NC.pdf

Dear Melanie

As requested, please find attached a copy of the BID for the proposed project, as well as Letter 1 and Comment and Registration Form. Kindly note that the comment period closes on 31 August 2015. We will add you to the project database. Please note that all project information is available on the project website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Thanks and kind regards,  
Rohaida

>>> "Melanie Miles" <MelanieM@L2B.co.za> 03/08/2015 10:17 >>>

Good Morning,

Your company is currently conducting an Environmental Impact Assessment for the Proposed Development of Three Solar Photovoltaic Facilities and Associated Electrical Infrastructure North East of Kenhardt. Please could you forward me the BID for this application and register me as a Interested & Affected party?

Thanking you in anticipation of a favourable response.

Kindest Regards,

Melanie Miles  
Content Researcher  
MelanieM@L2B.co.za

Leads 2 Business ([www.L2B.co.za](http://www.L2B.co.za))

0860836337 or 0860 TENDER  
Fax: 033 343 5882

---

# SCOPING REPORT

## APPENDIX F:

### Copy of Site Notice Board and Proof of Placement

#### **Scoping and Environmental Impact**

**Assessment** for the Proposed  
Development of a 75 MW Solar  
Photovoltaic Facility (KENHARDT PV 3)  
on the remaining extent of Onder Rugzeer  
Farm 168, north-east of Kenhardt,  
Northern Cape Province

**Site Notice Board - English**

**JOINT NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT PROCESSES**

**PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**CSIR REFERENCE: EMS0102/SCATEC/2015**

Notice is hereby given in terms of Regulation 41 of the Environmental Impact Assessment (EIA) Regulations published in Government Notice (GN) R982 in Government Gazette 38262 of 8 December 2014, under Section 24(4)(a) of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA), that Scatec Solar SA 163 (PTY) Ltd are proposing to develop three 75 Megawatt (MW) Solar Photovoltaic (PV) facilities and associated electrical infrastructure (132 kV transmission lines for each 75 MW facility), on the remaining extent of Onder Rugzeer Farm 168 and the connection points to the substation on the remaining extent of Portion 3 of Gembok Butt Farm 120. The proposed projects are located 30 km north-east of Kenhardt. Each 75 MW Solar PV facility proposed will cover an approximate area of 200 hectares (ha) and will be constructed adjacent to each other (with a collective footprint of approximately 600 ha and a combined power generation capacity of 225 MW). The proposed projects will entail the construction of the solar field, buildings, electrical infrastructure, internal access roads, and associated infrastructure and structures.

A full Scoping and EIA Process is required for the construction of the three Solar PV facilities. A separate Basic Assessment Process is also required and will be undertaken for the development of the proposed transmission lines. The CSIR has been appointed by Scatec Solar SA 163 (PTY) Ltd to undertake the required Basic Assessment and Scoping and EIA Processes for the proposed projects. The need for a Basic Assessment and Scoping and EIA is triggered by the following potential listed activities listed in GN R983 and GN R984:

Process	Government Notice	Listed Activity Number
Basic Assessment Processes	GN R983 - 8 December 2014	Activity 11 (i)
Scoping and EIA Processes	GN R983 - 8 December 2014	Activity 9 (i) and (ii); Activity 12 (x) and (xii); Activity 19 (i); Activity 24 (ii) and Activity 28 (ii)
	GN R984 - 8 December 2014	Activity 1 and Activity 15.

Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation (EA) will be lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) for each proposed 75 MW Solar PV facility and transmission line, which will be referred to as Kenhardt PV 1, Kenhardt PV 2, Kenhardt PV 3, Kenhardt PV 1 – Transmission Line, Kenhardt PV 2 – Transmission Line, and Kenhardt PV 3 – Transmission Line. Separate reports (i.e. Basic Assessment and Scoping and EIA Reports) will be compiled for each project.

To ensure that you are included on the project register as an Interested and Affected Party (I&AP), as well as to raise any issues and concerns for inclusion in the Basic Assessment and Scoping Reports, you are kindly requested to register your interest in the projects and submit any comments you may have to the CSIR (at the details indicated below). Available project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>.

The Background Information Document is currently available for a 30-day commenting period (03 August 2015 - 04 September 2015).

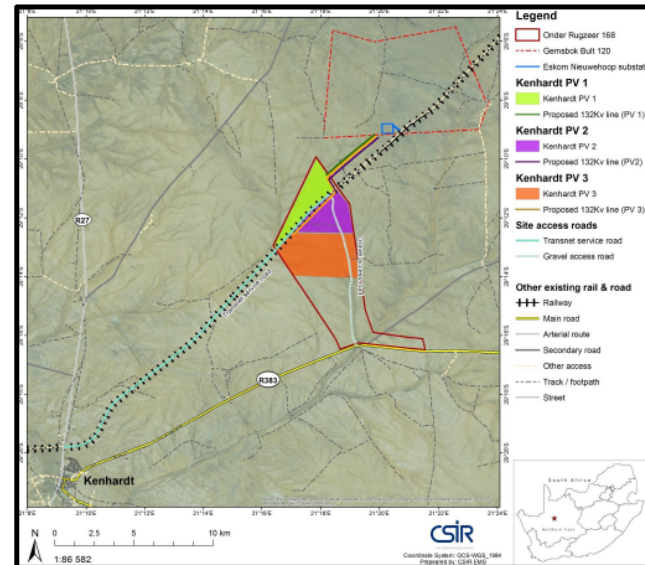


Figure 1: Locality Map depicting the location of the Proposed Projects



To obtain further information or to register as Interested and Affected Party (I&AP), please contact:  
 CSIR  
 Rohaida Abed  
 P. O. Box 17001, Congella, Durban, 4013  
 Phone: 031 242 2300  
 Fax: 031 261 2509  
 Email: RAbed@csir.co.za

**Site Notice Board - Afrikaans**

GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE

VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD-KAAP PROVINSIE

CSIR VERWYSING: EMS0102/SCATEC/2015

Hiermee word kennis gegee, in terme van Regulasie 41 van die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2015, onder Seksie 24(4)(a) van die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA), dat Scatec Solar SA 163 (Pty) Ltd van voornemens is om drie Fotovoltaïese (PV) sonkragfasiliteite, elk met 'n opwekkingskapasiteit van 75 MW en elektriese infrastruktuur (132 kV kraglyn vir elke 75 MW sonkrag fasiliteit) te installeer op die Restant van Onder Rugzeer 168 en die konneksiepunten na die substasie op die Restant van Gedeelte 3 van Gembok Bult 120. Die voorgestelde projekte is 30 km noord-oos van Kenhardt geleë. Elke projek gaan ongeveer 200 hektaar (ha) beslaan en sal langs mekaar gebou word. Elke projek gaan, onder andere, sonpanele, geboue, elektriese infrastruktuur, en toegangspaaie bestaan.

Elke sonkragprojek vereis dat 'n Bestekopname and Omgewingsimpakevalueringsproses onderneem word. Aparte Basiese evalueringsprosesse sal ook gedoen word vir die voorgestelde 132 kV kraglyne. Die WNNR (CSIR) is aangestel deur Scatec Solar 163 (Pty) Ltd om die evalueringsprosesse uit te voer. Die prosesse word benodig omdat die volgende gelyste aktiwiteite van toepassing is op die projekte:

Proses	Staatskennisgewing	Gelyste aktiwiteit nommer
Basiese evaluering	GN R983 - 8 Desember 2014	Aktiwiteit 11 (i)
Bestekopname en Omgewingsimpakevaluering	GN R983 - 8 Desember 2014	Aktiwiteit 9 (i) and (ii); Aktiwiteit 12 (x) and (xii); Aktiwiteit 19 (i); Aktiwiteit 24 (ii) and Aktiwiteit 28 (ii)
	GN R984 - 8 Desember 2014	Aktiwiteit 1 and Aktiwiteit 15.

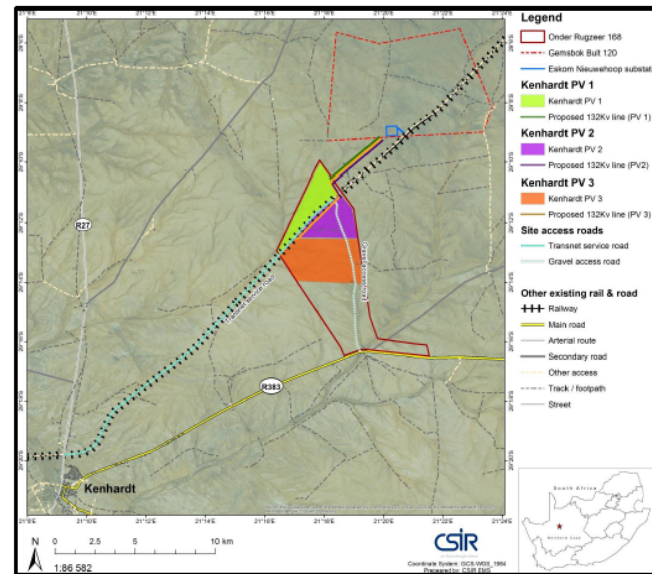
Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word and dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en sal na verwys word in die volgende formaat: Kenhardt PV 1, Kenhardt PV 2, Kenhardt PV 3, Kenhardt PV 1 – Transmission Line, Kenhardt PV 2 – Transmission Line, and Kenhardt PV 3 – Transmission Line. Aparte verslae sal ook vir elke projek saamgestel en uitgestuur word.

Om te verseker dat u vir die projekte as 'n Belangstellende en Geaffekteerde Party (B&GP) geregistreer word of om enige kwessie uit te lig wat u met die projekte het, word u vriendelik versoek om te registreer vir die projekte en u kommentaar aan WNNR se verteenwoordiger (inligting hieronder) te stuur. Verdere inligting sal ook deur die loop van die projek op die projek se webtuiste beskikbaar wees: <http://www.csir.co.za/eia/ScatecSolarPV/>.

'n Dokument wat verdere inligting oor die projek verskaf is vir 30 dae beskikbaar vir besigtiging en kommentaar (03 Augustus 2015 - 04 September 2015).



Om meer inligting te bekom of om te registreer as Geïnteresseerde en Belanghebbende Party (G&BP), kontak asseblief:  
**CSIR**  
 Rohaida Abed  
 Posbus 17001, Congella, Durban, 4013  
 Telefoon: 031 242 2300  
 Faks: 031 261 2509  
 E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

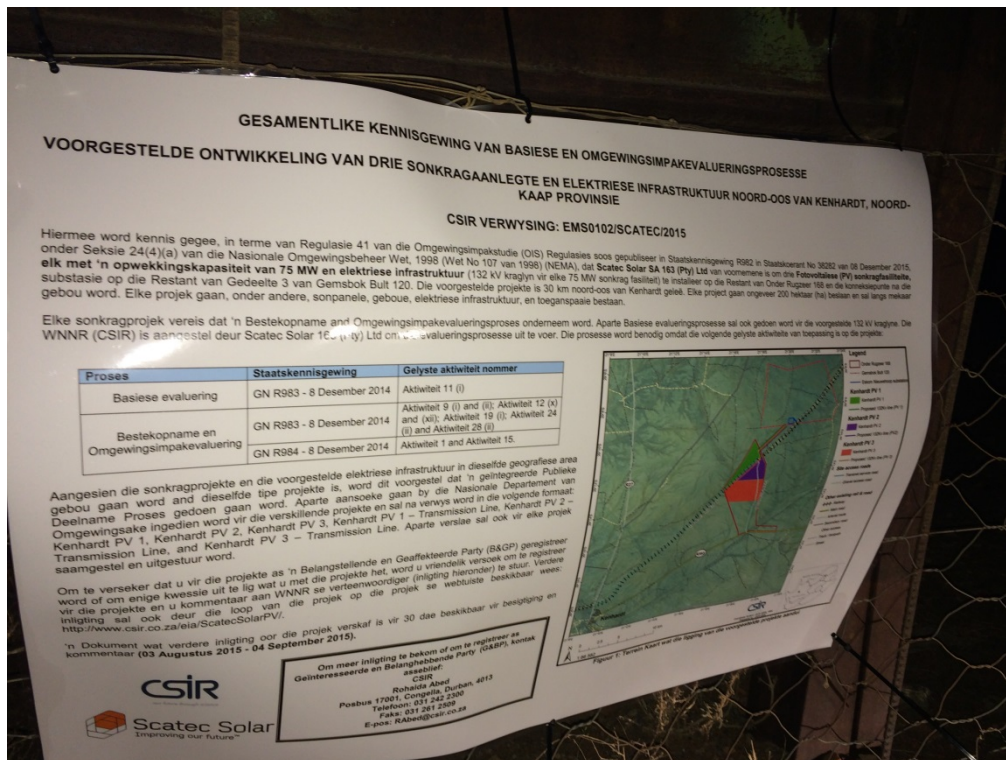


Figuur 1: Terrein Kaart wat die ligging van die voorgestelde projekte aandui

**Proof of Placement of Site Notice Boards: 3 August 2015**

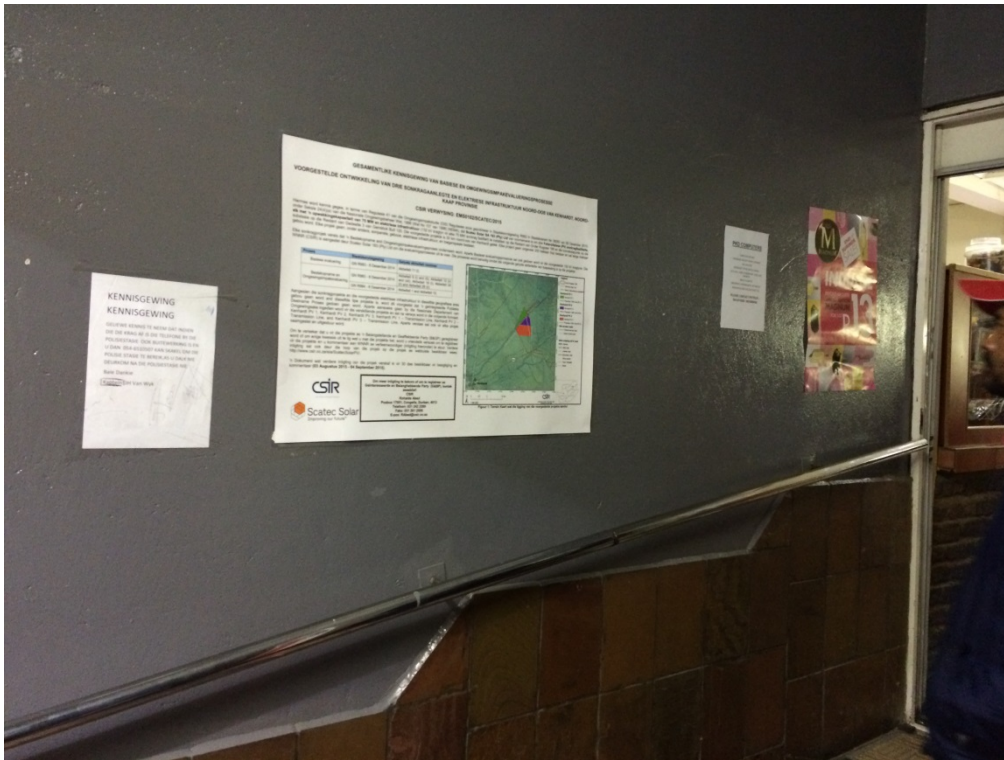


Site Notice Board (Afrikaans) placed at the entrance to the Transnet Service Road, which serves as one of the access routes to the (preferred and alternative) project sites.

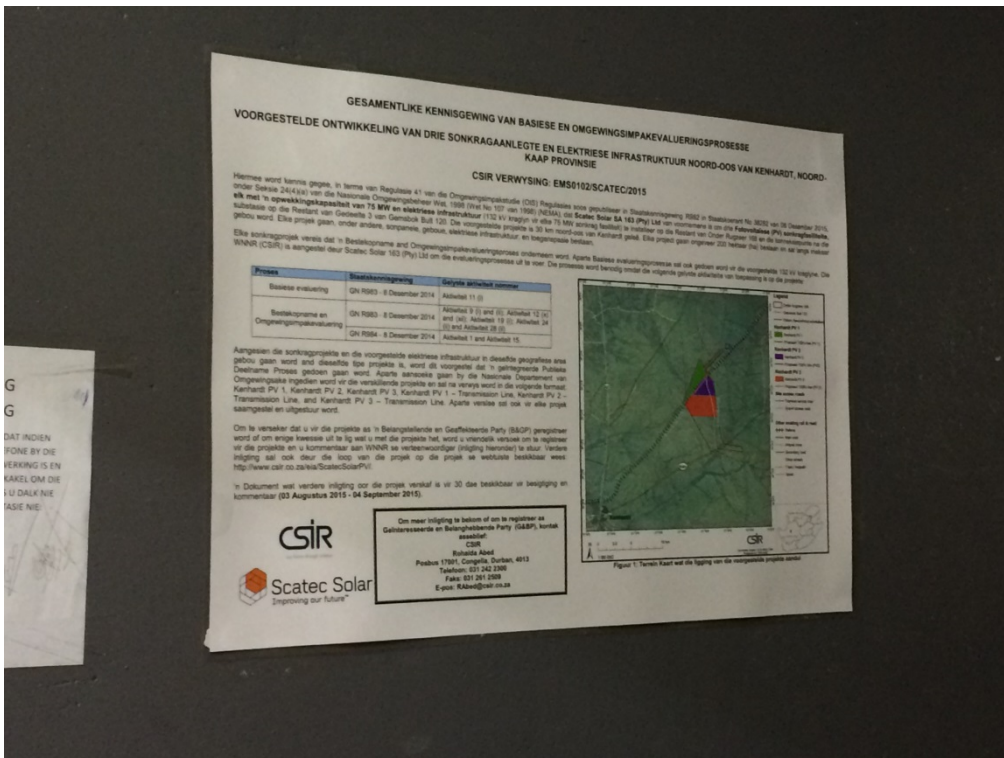


Close up image of the Site Notice Board (Afrikaans) placed at the entrance to the Transnet Service Road, which serves as one of the access routes to the (preferred and alternative) project sites.

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province



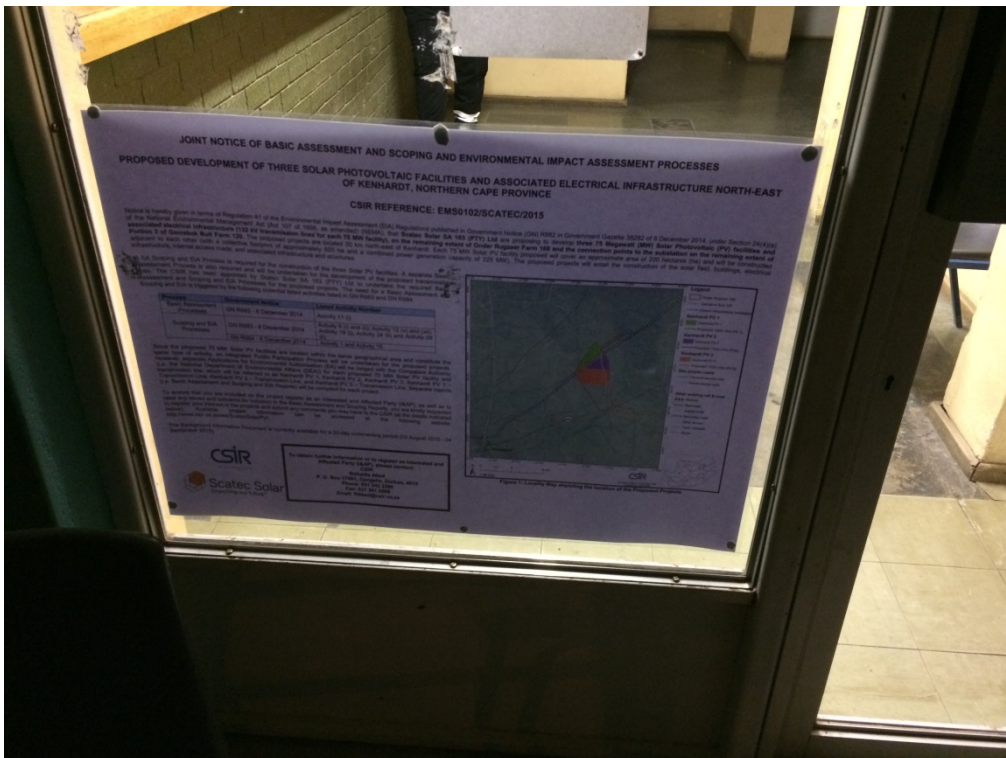
Site Notice Board (Afrikaans) placed at the Kenhardt Petrol Station.



Close up image of the Site Notice Board (Afrikaans) placed at the Kenhardt Petrol Station.



Site Notice Board (English) placed at the Kai !Garib Municipality Offices in Kenhardt.



Close up image of the Site Notice Board (English) placed at the Kai !Garib Municipality Offices in Kenhardt.



**Proof of Placement of Site Notice Boards: 10 September 2015**



**Site Notice Board (English) placed at the entrance to the Unnamed Farm Road, which serves as one of the access routes to the (preferred and alternative) project sites.**

# SCOPING REPORT

## APPENDIX G:

Copies of Correspondence  
from I&APs during the  
Project Initiation Phase and  
prior to release of Scoping

### **Scoping and Environmental Impact**

**Assessment** for the Proposed  
Development of a 75 MW Solar  
Photovoltaic Facility (KENHARDT PV 3)  
on the remaining extent of Onder Rugzeer  
Farm 168, north-east of Kenhardt,  
Northern Cape Province

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** Samantha De la Fontaine <sdelafontaine@gmail.com>  
**To:** <RAbed@csir.co.za>  
**CC:** Elsabe Swart <elsabe.dtec@gmail.com>  
**Date:** 29/07/2015 13:37  
**Subject:** I&AP: Three proposed solar PV facilities NE of Kenhardt

Dear Rohaida

Kindly register me as an I&AP for the proposed development with CSIR  
Reference: EMS0102/SCATEC/2015.

Kind regards

Samantha

Samantha De la Fontaine  
District Ecologist (Candidate Scientist)

Northern Cape Department of Environment and Nature Conservation  
Provincial Building (First Floor)

Corner of Rivier & Nelson Mandela Road  
Upington  
8800

E-mail: sdelafontaine@gmail.com <sdelafontaine@gmail.com>

---

**From:** "Karen Low" <karen@mulilo.com>  
**To:** "'Rohaida Abed'" <RAbed@csir.co.za>  
**Date:** 30/07/2015 09:27  
**Subject:** RE: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** SBIZHUB10815073009220.pdf

Dear Rohaida,

Attached please find the completed comment and registration form.

Regards,

Karen

**Karen Low** (*Pri. Sci. Nat.*)

Environmental Manager



Tel: [+27 21 934 5278](tel:+27219345278) Fax: [+27 21 935 0505](tel:+27219350505) Email: [karen@mulilo.com](mailto:karen@mulilo.com)

Physical: 303c Execujet Business Centre Tower Road Cape Town International Airport South Africa 7525

Postal: PO Box 50 Cape Town International Airport South Africa 7525

From: Rohaida Abed [mailto:RAbed@csir.co.za]  
Sent: 29 July 2015 4:01 pm  
To: Rohaida Abed <RAbed@csir.co.za>  
Subject: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs  
**CSIR Reference:** EMS0102/SCATEC/2015

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gemsbok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities	BA Processes: Proposed 132 kV Transmission Lines
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015 to 31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

---

*Beste Belanghebbende en Geïnteresseerde Party*

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

*Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpevalueringproses vir die bogenoemde projekte uit te voer.*

*'n Bestek en Omgewingsimpevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaiese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gemsbok Bult 120.*

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (30 Julie 2015 - 31 Augustus 2015). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen 31 Augustus 2015 verskaf word.

By voorbaat dankie,

Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

---

**From:** "Melanie Miles" <MelanieM@L2B.co.za>  
**To:** <RAbed@csir.co.za>  
**Date:** 03/08/2015 10:25  
**Subject:** Proposed Development of Three Solar Photovoltaic Facilities and Associated Electrical Infrastructure

Good Morning,

Your company is currently conducting an Environmental Impact Assessment for the Proposed Development of Three Solar Photovoltaic Facilities and Associated Electrical Infrastructure North East of Kenhardt. Please could you forward me the BID for this application and register me as a Interested & Affected party?

Thanking you in anticipation of a favourable response.

Kindest Regards,

Melanie Miles  
Content Researcher  
MelanieM@L2B.co.za

Leads 2 Business ([www.L2B.co.za](http://www.L2B.co.za))

0860836337 or 0860 TENDER  
Fax: 033 343 5882

---

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** "Mei Melinda (UPN)" <MeiM@dws.gov.za>  
**To:** Rohaida Abed <RAbed@csir.co.za>  
**CC:** Cloete Shaun <CloeteS@dws.gov.za>  
**Date:** 04/08/2015 13:48  
**Subject:** Hard Copies: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Good morning Mr. Abed

Your notice received with regards to Basic Assessment; Scoping and Environmental Impact Assessment for the Proposed Development of the three Solar Photovoltaic Facilities and Associated Electrical Infrastructure; North-East of Kenhardt; Northern Cape is of reference.

DWS requires you to forward hard copies of the above mentioned project to either of the following address:

Physical Address:  
Department Of Water and Sanitation  
Louisvale Road Upington  
8801

OR

Postal Address:  
Department Of Water and Sanitation  
Private Bag X 5912  
Upington  
8800

Your co-operation and assistance is highly appreciated.

With kind regards,

Melinda Mei  
Senior Administration Clerk  
Water Quality Management: Lower Orange Water Management Area  
Tel: 054 338 5836  
Fax: 054 334 0205  
Mail: [MeiM@dwa.gov.za](mailto:MeiM@dwa.gov.za)



From: Rohaida Abed [mailto:RAbed@csir.co.za]  
Sent: 29 July 2015 4:01 pm  
To: Rohaida Abed <RAbed@csir.co.za>  
Subject: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference: EMS0102/SCATEC/2015**

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gemsbok Bult Farm 120.

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities	BA Processes: Proposed 132 kV Transmission Lines
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015 to 31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

---

*Beste Belanghebbende en Geïnteresseerde Party*

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaïese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gembok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

<b>Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1 - Kenhardt PV 2 - Kenhardt PV 3	- Kenhardt PV 1 – Transmission Line - Kenhardt PV 2 – Transmission Line - Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (**30 Julie 2015 - 31 Augustus 2015**). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,

Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** "Marina Lourens Transnet Freight Rail SLD" <Marina.Lourens@transnet.net>  
**To:** "RABed@csir.co.za" <RABed@csir.co.za>  
**Date:** 19/08/2015 15:54  
**Subject:** NOTICE OF BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** 2773\_001.pdf

Letter regarding issued/concerns



19 August 2015

Rohaida Abed  
CSIR  
P.O. BOX 17001  
Congella  
DURBAN  
4013

Gilbert Nortier  
Depot Engineering Manager  
Private Bag X11  
Vredenburg  
7380

Dear Rohaida

**RE: ISSUES/CONCERNS TO PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

Your e-mail of 29 July 2015 refers.

The following immediate concerns are:

Possible glare from the solar panels which may influence the Train Drivers and staff travel on the TFR service road.

Future concerns:

During construction, planned access routes to the facilities that might influence TFR (Dust on High Voltage Electrical Equipment).

The location of the High Voltage transmission lines.

Level crossing requirements (High risk of accidents).

During maintenance same issues as above.

Regards

  
GILBERT NORTIER  
DEM

Transnet SOC Ltd	Carlton Centre	P.O. Box 72501
Registration Number	150 Commissioner	Parkview, Johannesburg
1990/000900/30	Street	South Africa, 2122
	Johannesburg	T +27 11 308 3001
	2001	F +27 11 308 2638

Directors: LC Mabaso (Chairperson) B Molefe\* (Group Chief Executive) Y Forbes GJ Mahalela PEB Matheka N Moola ZA Nagdee VM Nkonyane  
MR Seieke SD Shane BG Stagman PG Williams A Singh\* (Group Chief Financial Officer)

\*Executive  
Group Company Secretary: ANC Ceba

[www.transnet.net](http://www.transnet.net)

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** <jdbhenrohn@gmail.com>  
**To:** <RAbed@csir.co.za>  
**Date:** 25/08/2015 08:41  
**Subject:** CSIR REF EMS0102/SCATEC/2015

Good morning Rohaida  
I want to register for the facility because I support the project.

John de Bruin - Henrohn Security  
Sent from my Nokia phone

---

**From:** Adrian Tiplady <atiplady@ska.ac.za>  
**To:** Rohaida Abed <RAbed@csir.co.za>  
**CC:** Tshegofatso Monama <temonama@ska.ac.za>  
**Date:** 02/09/2015 11:44  
**Subject:** Re: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape  
**Attachments:** Letter reg Establishment of Kenhardt 3PV CSIR.pdf

Dear Rohaida,

Please find attached comment.

Regards,

Adrian

On 29/07/2015 4:01 PM, Rohaida Abed wrote:

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference: EMS0102/SCATEC/2015**

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gembok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

<b>Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities</b>	<b>BA Processes: Proposed 132 kV Transmission Lines</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:  
- Background Information Document (BID);  
- Letter 1 to Interested & Affected Parties (I&APs); and  
- Comment and Registration Form.

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015** to **31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

*Beste Belanghebbende en Geïnteresseerde Party*

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer:** EMS0102/SCATEC/2015

Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaïese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gembok Bult 120.

Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:

<b>Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (**30 Julie 2015 - 31 Augustus 2015**). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,  
Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)



17 Baker Street  
Rosebank  
Johannesburg  
South Africa  
2196

Tel: +27 (0) 11 442 2434  
Fax: +27 (0) 11 442 2454  
Email: [atplady@ska.ac.za](mailto:atplady@ska.ac.za)

**Rohaida Abed**  
**CSIR-Environmental Management Services**  
**P. O. Box 17001**  
**Congella**  
**Durban**  
**4013**

E-mail: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

Date: 17 August 2015

Dear Rohaida,

**Re: DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE (CSIR REFERENCE: EMS0102/SCATEC/2015)**

This letter is in response to your email request, to provide an assessment on the potential development of three solar PV electricity generation facilities in the Northern Cape Province and the risk they may pose on the Square Kilometre Array Project.

A high level risk assessment has been conducted at the South African SKA Project Office to determine the potential impact of such facilities on the Square Kilometre Array. This letter serves to confirm the outcomes of the risk assessment, and proposals for any future investigations associated with this facility.

- I. The location of the proposed facility has been provided in the background information document compiled by CSIR .
- II. The nearest SKA station has been identified as SKA Station ID 2362, at approximately 20 km from the proposed installation;
- III. Based on distance to the nearest SKA station, and the information currently available on the detailed design of the PV installations, these facilities poses a medium to high risk of detrimental impact on the SKA;
- IV. Any transmitters that are to be established, or have been established, at the site for the purposes of voice and data communication will be required to comply with the relevant AGA regulations concerning the restriction of use of the radio frequency spectrum that applies in the area concerned;
- V. As a result of the medium to high risk associated with the PV facilities, The SKA project office recommends that further EMI and RFI detailed studies be conducted as significant mitigation measures would be required to lower the risk of detrimental impact to an acceptable level. The South African SKA



**SOUTH AFRICA SQUARE KILOMETRE ARRAY**  
SKA South Africa Project Office





Project Office would like to be kept informed of progress with this project, and reserves the right to further risk assessments at a later stage.

This technical advice is provided by the South African SKA Project Office on the basis of the protection requirements of the SKA in South Africa, and does not constitute legal approval of the renewable energy projects in terms of the Astronomy Geographic Advantage Act, the Management Authority, and its regulations or declarations.

Regards,

A handwritten signature in black ink, appearing to be 'Adrian Tiplady'.

Dr. Adrian Tiplady  
Head: Strategy  
SKA South Africa  
Tel: 011 442 2434  
Fax: 011 442 2454  
[atiplady@ska.ac.za](mailto:atiplady@ska.ac.za)



SOUTH AFRICA SQUARE KILOMETRE ARRAY  
SKA South Africa Project Office



Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

**From:** René de Kock (WR) <Dekockr@nra.co.za>  
**To:** "RABed@csir.co.za" <RABed@csir.co.za>  
**CC:** "Nicole Abrahams (WR)" <AbrahamsN@nra.co.za>, "Colene Runkel (WR)" <Runkelc@nra.co.za>  
**Date:** 04/09/2015 16:09  
**Subject:** FW: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Rohaida Abed

Thank you for your letter dated 29 July 2015, send to Mr van der Walt.  
Please note that this solar development will not impact on a national road, therefore SANRAL has no jurisdiction and have no further comment with regard to the Solar Facility.

Should any service, e.g. power line and/or water pipe will be situated within 60m from the national road or will cross the national road application should be made to SANRAL for approval in terms of the National Roads Act.

Kind regards



**Are you ready?  
Get tagged**

Ms René de Kock

Statutory Control  
Tel: +27 21 957 4607  
Fax: +27 21 946 1630  
Cell:  
Email: Dekockr@nra.co.za

Western Region  
1 Havenga Street Oakdale Bellville  
Private Bag X19  
www.nra.co.za  
SANRAL Fraud Hotline: 0800204558

From: Kobus van der Walt (WR)  
Sent: 31 July 2015 01:58 PM  
To: René de Kock (WR) <Dekockr@nra.co.za<mailto:Dekockr@nra.co.za>>  
Cc: Colene Runkel (WR) <Runkelc@nra.co.za<mailto:Runkelc@nra.co.za>>  
Subject: FW: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

fyi

From: Rohaida Abed [mailto:RABed@csir.co.za]  
Sent: 29 July 2015 04:01 PM  
To: Rohaida Abed  
Subject: Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape

Dear Stakeholders and Interested and Affected Parties

**NOTICE OF BASIC ASSESSMENT AND SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVOLTAIC FACILITIES AND ASSOCIATED ELECTRICAL INFRASTRUCTURE NORTH-EAST OF KENHARDT, NORTHERN CAPE PROVINCE**

**Competent Authority:** National Department of Environmental Affairs

**CSIR Reference:** EMS0102/SCATEC/2015

This e-mail correspondence serves to inform you of the initiation of a Basic Assessment (BA) Process and Scoping and Environmental Impact Assessment (EIA) Process for the above-mentioned proposed project, located approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Kheis Local Municipality, Northern Cape Province. The Project Applicant is Scatec Solar SA 163 (PTY) Ltd (hereinafter referred to as Scatec Solar). The CSIR has been appointed by Scatec Solar to undertake the required BA Process, and Scoping and EIA Process.

A full Scoping and EIA Process is required for the development of three 75 Megawatt (MW) Solar Photovoltaic (PV) power generation facilities on the remaining extent of Onder Rugzeer Farm 168. A separate BA Process is also required and will be

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

undertaken for the development of three transmission lines and the connection points to the Eskom Nieuwehoop Substation (which is currently being constructed) on the remaining extent of Portion 3 of Gemsbok Bult Farm 120.

The proposed 75 MW Solar PV facilities and transmission lines are located within the same geographical area and constitute the same type of activity; hence an integrated Public Participation Process will be undertaken. However, separate Applications for Environmental Authorisation will be lodged with the National Department of Environmental Affairs (DEA) for each proposed 75 MW Solar PV facility and transmission line. Furthermore, separate BA, Scoping and EIA Reports will be compiled for each project, which will be referred to as:

Scoping and EIA Processes: Proposed 75 MW Solar PV Facilities	BA Processes: Proposed 132 kV Transmission Lines
- Kenhardt PV 1	- Kenhardt PV 1 – Transmission Line
- Kenhardt PV 2	- Kenhardt PV 2 – Transmission Line
- Kenhardt PV 3	- Kenhardt PV 3 – Transmission Line

The proposed projects are being assessed in terms of the National Environmental Management Act (Act 107 of 1998), as amended (NEMA), and the NEMA EIA Regulations, published in Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014.

Please find attached the following:

- Background Information Document (BID);
- Letter 1 to Interested & Affected Parties (I&APs); and
- Comment and Registration Form.

The BID, which provides an overview of the proposed project, is being released to Stakeholders and I&APs for a 30-day comment period extending from **30 July 2015** to **31 August 2015**.

Hard copies of the above-mentioned documents have also been sent to those of you for which postal addresses are available.

In addition, the above-mentioned project information can be accessed at the following website: <http://www.csir.co.za/eia/ScatecSolarPV/>

Kindly ensure that all comments are submitted to the CSIR Project Manager (details provided below) by **31 August 2015**.

Thank you and kind regards,

Rohaida Abed

CSIR - Environmental Management Services  
P. O. Box 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Fax: 031 261 2509  
Email: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)

---

*Beste Belanghebbende en Geïnteresseerde Party*

**GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAAANLEGTE EN ELEKTRIESE INFRASTRUKTUUR NOORD-OOS VAN KENHARDT, NOORD- KAAP PROVINSIE**

**Bevoegde Owerheid:** Die Nasionale Departement van Omgewingsake

**WNNR/CSIR verwysingsnommer: EMS0102/SCATEC/2015**

*Hierdie e-pos korrespondensie se doel is om u in kennis te stel van die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte, wat 80 km suid van Upington en 30 km noord-oos van Kenhardt in die !Kheis munisipaliteit voorgestel word. Die Aansoeker vir die projek is Scatec Solar SA 163 (PTY) Ltd ("Scatec Solar"). Die WNNR is aangestel deur Scatec Solar om die Basiese evaluerings- en Bestek en Omgewingsimpakevalueringproses vir die bogenoemde projekte uit te voer.*

*'n Bestek en Omgewingsimpakevalueringproses word vereis vir elk van die drie 75 MW Fotovoltaiese (PV) sonkragfasiliteite wat op die plaas Restant van Onder Rugzeer 168 voorgestel word. Aparte Basiese evalueringprosesse word ook vereis vir die voorgestelde 132 kV kraglyne en die konneksiepunte aan die Eskom Nieuwehoop Substasie (wat tans gebou word) op die plaas Restant van Gedeelte 3 van Gemsbok Bult 120.*

*Aangesien die sonkragprojekte en die voorgestelde elektriese infrastruktuur in dieselfde geografiese area gebou gaan word en dieselfde tipe projekte is, word dit voorgestel dat 'n geïntegreerde Publieke Deelname Proses gedoen gaan word. Aparte aansoeke gaan by die Nasionale Departement van Omgewingsake ingedien word vir die verskillende projekte en aparte verslae sal ook vir elke projek saamgestel en uitgestuur word. Die projekte sal na verwys word as:*

Scoping and Environmental Impact Assessment for the proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 3) on the remaining extent of Onder Rugzeer Farm 168, north-east of Kenhardt, Northern Cape Province

<b>Bestek en Omgewingsimpakevalueringproses: Voorgestelde drie 75 MW PV sonkragprojekte</b>	<b>Basiese evalueringprosesse: Voorgestelde drie 132 kV kraglyne</b>
- Kenhardt PV 1 - Kenhardt PV 2 - Kenhardt PV 3	- Kenhardt PV 1 – Transmission Line - Kenhardt PV 2 – Transmission Line - Kenhardt PV 3 – Transmission Line

Die voorgestelde projekte sal ge-evalueer word volgens die Nasionale Omgewingsbeheer Wet, 1998 (Wet No 107 van 1998) (NEMA) en die Omgewingsimpakstudie (OIS) Regulasies soos gepubliseer in Staatskennisgewing R982 in Staatskoerant No 38282 van 08 Desember 2014.

Vind asseblief aangeheg die volgende:

- Beskrywing van die projek (word na verwys as die "BID")
- Brief aan die Belanghebbende en Geïnteresseerde Partye (B&GP'e)
- Kommentaar en Registrasievorm

Die BID, wat dien as agtergrond van die projek, bevat 'n beskrywing van die projek, die gelyste aktiwiteite en is vir 30-dae beskikbaar vir oorsig en kommentaar (**30 Julie 2015 - 31 Augustus 2015**). 'n Harde kopie van die bogenoemde dokumente is ook gestuur aan diegene vir wie ons posadresse het. Inligting van die projek is ook beskikbaar op die projekwebtuiste: <http://www.csir.co.za/eia/ScatecSolarPV/>.

Ons versoek graag dat alle kommentaar aan die WNNR Projekbestuurder (kontakbesonderhede onder aangedui) teen **31 Augustus 2015** verskaf word.

By voorbaat dankie,

Rohaida Abed

CSIR - Environmental Management Services  
Posbus 17001, Congella, Durban, 4013  
Tel: 031 242 2300  
Faks: 031 261 2509  
E-pos: [RAbed@csir.co.za](mailto:RAbed@csir.co.za)