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Scoping and Environmental Impact

APPENDIX A:

Curriculum Vitae of the Environmental Assessment Practitioner

Curriculum Vitae of Surina Laurie - Project Leader

Name of firm	CSIR
Name of staff	Surina Laurie
Profession	Environmental Assessment Practitioner
Position in firm	Project Manager
Years' experience	4 years
Nationality	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.

2015 (current)	Certificate in Environmental Economics, University of London (SOAS)
2013	Project Management Course, University of Cape Town
	Graduate School of Business
2011-2012	MPhil Environmental Management, University of
(Part-time)	Stellenbosch
2007-2010	BSc Conservation Ecology, University of Stellenbosch

Employment Record

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

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

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 2,500m³ each and a height of 18m. The three smaller tanks have a tank capacity of 2,300m3, 1,350m3 and 212m³ and heights of 18m, 10.8m and 10.8m respectively, giving an additional 8862m³ 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 ³ 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	capabi	lities
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	Speaking	Reading	Writing
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Curriculum Vitae of Rohaida Abed - Project Manager

Name of firm CSIR

Name of staff Rohaida Abed

Profession Environmental Assessment Practitioner

Position in firm Junior Environmental Assessment Practitioner

Years' experience 5 years

Nationality 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.

Education 2005 | Bachelor of Science (Environmental Science)

2006 Bachelor of Science Honours (Environmental Science)
2010 Master of Science (Environmental Science)

Employment Record 2006 - 2008 University of KwaZulu-Natal (Academic Demonstrator)

March 2010 - April 2010	EnAq Consulting (Environmental Officer)				
May 2010 - September	Henwood	&	Nxumalo	Consulting	Engineers
2011	(Environme	ntal S	cientist)		
October 2011 - to present	CSIR (Junio	r Envii	ronmental Ass	sessment Pract	itioner)

Short Courses May 2009

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)

Management of Estuaries in South Africa (Marine and

Experience record

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

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 Mdloti River Bridge (Northbound) on the R102, within the eThekwini 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 eThekwini 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 -	Basic Assessment for the decommissioning of unused	Project Manager	Transnet Capital Projects
ongoing	infrastructure at the Port of Ngqura		
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		Speaking	Reading	Writing
	English	Excellent	Excellent	Excellent
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APPENDIX B:

Declaration of the Environmental Assessment Practitioner

	Surina Laurie	, declare that:
Ι.	SULITA LAULIE	. uectare mat.
•)		,

- 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

APPENDIX C:

Database of Interested and Affected Parties

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
Orga	ans of State														
1.	Mmatlala	Rabothatha	National DEA: Integrated Environmental Authorisations		Х										
2.	Muhammad	Essop	National DEA: Integrated Environmental Authorisations		Х										
3.	A	Yaphi	Provincial Department of Environment and Nature Conservation (DENC): Northern Cape		Х										
4.	M	Mathews	Provincial DENC: Northern Cape		Х										
5.	Samantha	De la Fontaine	Provincial DENC: Northern Cape		Х	Х	Х								
6.	Sibonelo	Mbanjwa	Provincial DENC: Northern Cape		Х										
7.	Eric	Ngxanga	ZF Mgcawu District Municipality - Municipal Manager		Х										
8.	Frikkie	Ruping	ZF Mgcawu District Municipality - Environmental Manager		Х										
9.	H.T	Scheepers	!Kheis Municipality - Municipal Manager		Х										
10.	JG	Lategan	Kai ! Garib Municipality - Municipal Manager		Х										
11.	Mashudu	Randwedzi	Department of Water and Sanitation		Х										
12.	Melinda	Mei	Department of Water and Sanitation		Х		Х								
13.	Shaun	Cloete	Department of Water and Sanitation												
14.	Mandla	Ndzilili	Ministry of Environment and Nature Conservation		Х										
15.	Mashudu	Marubini	National Department of Agriculture, Forestry and Fisheries (DAFF)		Х										
16.	Thoko	Buthelezi	National DAFF - AgriLand Liaison office		Х										

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
17.	D	Nhlakad	National DAFF - AgriLand Liaison office		Х										
18.	Anneliza	Collett	National DAFF - AgriLand Liaison office		Х										
19.	Jacoline	Mans	Provincial DAFF		Х										
20.	Ali	Diteme	Provincial Department of Agriculture, Land Reform & Rural Development		Х										
21.	Pieter	Buys	National Energy Regulator of South Africa		Х										
22.	IA	Bulane	Department of Public Works, Roads and Transport		Х										
23.	Denver	Van Heerden	Department of Public Works, Roads and Transport		Х										
24.	Rene	de kock	South African Roads Agency Limited - Northern Cape (Western Region)		Х		Х								
25.	M	Lepheane	Department of Labour		Х										
26.	Α	Botes	Department of Social Development		Х										
27.	Riaan	Warie	Northern Cape Economic Development Agency		Х										
28.	Andrew	Timothy	Directorate Heritage, Department - Sports, Arts and Culture		Х										
29.	Lizell	Stroh	South African Civilian Aviation Authority		Х										
30.	John	Geeringh	ESKOM		Х										
31.	Kevin	Leask	ESKOM		Х										
32.	Justine	Wyngaardt	ESKOM (Western Operating Unit, Distribution)		Х										
33.	Lindi	Haarhoff	ESKOM (Nieuwehoop Substation)												
34.	Sharon	Steyn	Northern Cape Chamber of Commerce and Industry		Х										

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	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
35.	P.J.J	van Rensburg	Agri Northern Cape		Х									
36.	Adrian	Tiplady	SKA SA		Х		Х							
37.	Marina	Lourens	Transnet Freight Rail											
38.	Gilbert	Nortier	Transnet Freight Rail		Х		Х							
39.	Mayvyn	Bhana	Transnet		Х									
40.	Clive	Stephenson	Transnet		Х									
41.	Director		Department of Energy Northern Cape		Х									
Stak	eholders (NGOs	and Conservatio	n Organisations)											
42.	Simon	Gear	Birdlife South Africa		Х									
43.	Lubabalo	Ntsolo	C.A.P.E. Co-ordination Unit: Northern Cape		Х									
44.	Freyni	du Toit	Grasslands Society of Southern Africa		Х									
45.			Endangered Wildlife Trust, Wildlife and Energy Programme		Х									
46.	Dr. Howard	Hendricks	South African National Parks - Snr GM: Policy & Governance Conservation Services Division		Х									
Lan	downer													
47.	Andre	Van Niekerk	Van Niekerk Gesins Trust											
Adj	acent Property	Owners												

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		Let 4: Notice of EA for Bas and EIAs	Let 5: Outcome of Appeal Process
48.	Andre	Van Niekerk	Kamkuip Boerdery (Pty) Ltd		Х									
49.	D.J/Sarel	Strauss	Kamkuip Boerdery (Pty) Ltd		Х									
50.	Rudolph	Grobler	Farm Name: Brussel and Gerhards Puts		Х									
51.	Hendrik	Van Wyk	Wilcaris Pty Ltd		Х									
52.	Ernest	Connan	Ernest Connan Trust		Х									
53.	Johan	Steenkamp	JHJ Steenkamp Trust		Х									
54.	Handre	van Wyk	Farm Name: Narougas (Straus Heim)											
55.	Plankiesd	Van der Walt	Farm Name: Varsputs											
Addi	itional I&APs													
56.	Mitchell	Hodgson	Scatec Solar		Х									
57.	Claude	Bosman	Veroniva (PTY) Ltd - Renewable Energy		Х									
58.	Naveenraj	Challa	Marcyrox NPC		Х									
59.	Karen	Low	Mulilo Renewable Energy Developments		Х		Х							
60.	Melanie	Miles	Leads 2 Business		Х	Х	Х							
61.	Morgan	Townsend			Х	Х								
62.	John	de Bruin	Henrohn Security			Х	Х							

APPENDIX D:

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

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

BLADSY 4 DIE GEMSBOK 31 JULIE 2015

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

gemeenskap net betyds ingetree en het geen



Skoolhoof wou klasse aan buitelanders verhuur

Volgens Erick Strauss, van die GMF, het die 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 Ruiter (adjunkhoof van onderwys in die Namakwastreek) en mnr Engelbrecht (kring bestuurder van onderwys in die Namakwastreek) oorhandig is, daarop aangedring dat die

skoolhoof, mnr Fadil 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 ontevredenheid 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 raak, 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 Ruiter het die Gemsbok vasgestel dat Faro weer terug is

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 Ruiter het dievolgende 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: Departement het infrastruktuurprobleem ondersoek voordat die klagskrif 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 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, aangesine 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 gearresteer 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.

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

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 form 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) 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 Scates 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:

lowing 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 Kenhardt PV 2 - Transmission Line Kenhardt PV 2 - Transmission Line Kenhardt PV 3 - Transmis Kerindar F V, Ferindar F V i – Transmission Line, As Buch, separate reports (i.e. Basic Assessment and Kenhard F). A Enrasmission 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 patients that 31 hours 2011 for the part of the state that 31 hours 2011 for the state that 31 ho 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

Abrahams Christopher (Boere)



Van jou vrou, kinders en kleinkinders

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.

Enige persoon met inligting word versoek om die Speurtak te kontak by tel. (054) 337 3400.

GRATIS

*BYBEL STUDIE LESSE *BOEKE

*AUDIO/VIDEO LERINGE

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- *Yahshua die Messias
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- *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 gohanna Pieters Roudiens navrae:Suster Mokati 083 512 1667 Begrafnis navrae: Greg 071 913 8070

"Spread Love everywhei go. Let no one ever come to you without leaving happier. - Mother Teresa 16/09/1951 - 23/07/2015

Van: Souns & familie



Fanie Maritz and Jacobus Barnard

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Biting & Longline Show classes

-Novice -Hunter -Western -Country -Costume

7 & 8 August Fish Eagle Estate, Zamzikar Arabians

-English **Halter Training and Showing**

Conditioning & Prepping for a Show -Excerise

-Main and Tail -Face and Body Clip

Tack •Bits •Training tack •Showing tack

Contact: Jacobus Barnard 072 994 2392 Danelle Gouws 076 679 1392

Note from the CSIR: The Gemsbok 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.

APPENDIX E:

Copies and Proof of Correspondence sent to I&APs

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 Butt Farm 120, approximately 80 km south of Upington and 30 km north-east of Kenhardt within the !Khels 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 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/ela/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

Rbed.

Rohalda 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

30 001	y 2013
Name:	Telephone:
Organisation:	Fax:
Designation:	Email:
Physical address:	Postal address:
	d Affected Party (I&AP) for the proposed projects. Registration is asic Assessment and Scoping and EIA Processes. Please tick the
YES	
NO	
Please indicate if you have any interest (business, financial, pers Environmental Authorisation:	onal or other) in the proposed projects and/or the Applications for
Please describe any issues or concerns you may have regarding during the Basic Assessment and Scoping and EIA Processes.	ng the proposed projects, which you think should be considered
Please provide details of any other individuals or organisations that	at should be registered as I&APs:
Disease consists this Comment and Benistration Form by 24 Au	arrest 2045 and as havit it to

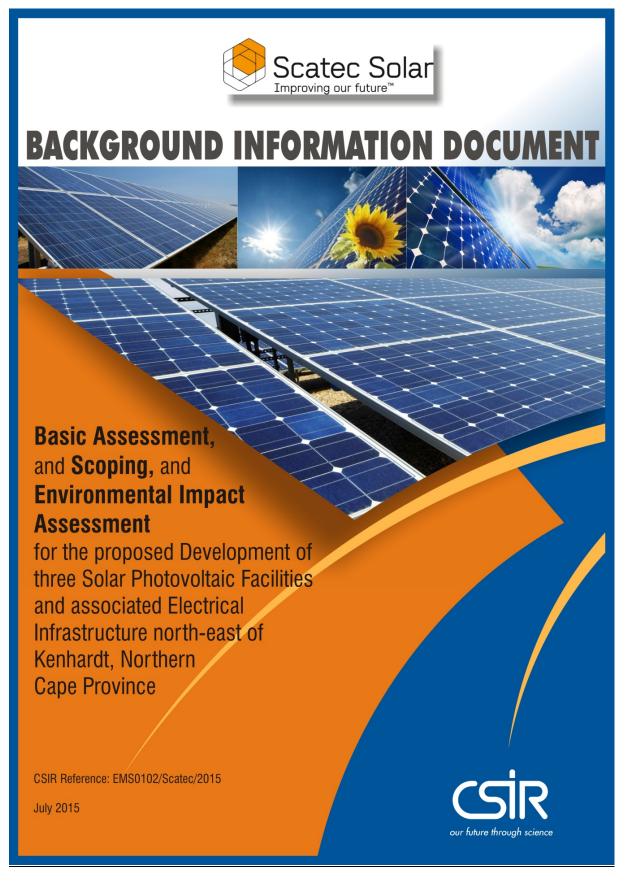
Please complete this Comment and Registration Form by 31 August 2015 and submit it to:

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



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**

- Kenhardt PV 1
- Kenhardt PV 2
- · Kenhardt PV 3

Basic Assessment Processes: Proposed 132 kV Transmission Lines

- Kenhardt PV 1 Transmission Line
- Kenhardt PV 2 Transmission Line
- Kenhardt PV 3 Transmission Line



BACKGROUND INFORMATION DOCUMENT

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

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.



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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 100m^2 and some of which are likely to occur within 32m of a watercourse.					
GN R983: Activity 19 (i)	The proposed project \underline{may} entail the excavation, removal and moving of more than 5 m³ of soil, sand, pebbles or rock from the nearby watercourse. The proposed project \underline{may} also entail the infilling of more than 5 m³ 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 Gemsbok 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 Gemsbok 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

BACKGROUND INFORMATION DOCUMENT

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 FIA:
- 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

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 $2014\,\text{EIA}$ 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?

- By responding to our invitation for your involvement advertised in local newspapers.
- By mailing or faxing a Comment and Registration Form to the CSIR (contact details provided below).
- By telephonically contacting the CSIR if you have a query, comment, or require further project information.
- By reviewing the various reports within the stipulated comment periods provided.
- 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:

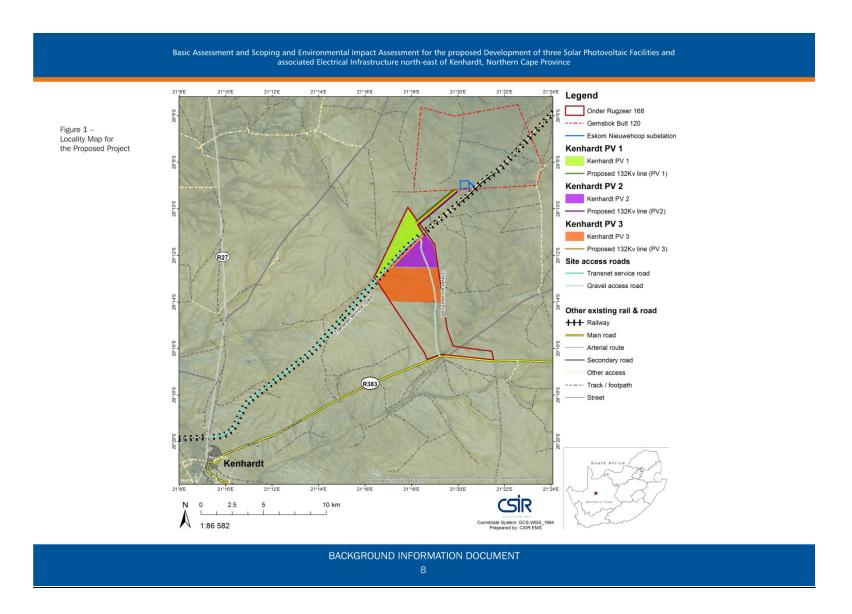
Rohaida Abed
Email: RAbed@csir.co.za
Tel: 031 242 2300
Fax: 031 261 2509

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

CSİR

our future through science

BACKGROUND INFORMATION DOCUMENT



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	Mmuriaia	Manyan Reportuges	National Department of Environmental Affairs: Department of Environmental Affairs: Integrated Environmental Authorisations	Competent Authority	Private Bag X447 Pretoria 0001	REGISTERED LETTER (with a symmetry interrupe option) RC 073 712 466 2/A 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 LETT A description of Description of Description of Page 2 and Description of
3	A	Yaphi	Provincial Department of Environment and Nature Conservation: Northern Cape	Provincial Environmental Authority	Private Bag X6102 Kimberley 8300	REGISTERED LETTER (Notice a distriction option) (Registered of the state option) (Registered of the state option) (Registered of the state option) (CUSTOMER COPY 301028R
4	М	Mathews	Provincial Department of Environment and Nature Conservation: Northern Cape	Provincial Environmental Authority	Private Bag X6102 Kimberley 8300	REGISTERED LETTER (with a decrease) Parameter of does (RCC) 173 V1 22 S23 ZA CUSTOMER COPY 301028R
5	Mr Eric	Ngxanga	ZF Mgcawu District Municipality - Municipal Manager	Municipal Manager	Private Bag X6039 Upington 8800	REGISTERED LETTER Avita a desperse resurrance epitory STREET 1973 17 12 133 7 172 14
6	н.т	Scheepers	IKhels Municipality - Municipal Manager	Municipal Manager	Private Bag X2, Oranje Street 97, Groblershoop 8850	REGISTERED LETTER With a decrease industrial state of the control
7	JG	Lategan	Kai I Garib Municipality - Municipal Manager	Municipal Manager	Private Bag X6, Kakamas, 8870	REGISTERED LETTER PROPERTY OF THE PROPERTY OF
8	Mashudu	Randwadzi	Department of Water and Sanitation	DWS	Private Bag X5912 Upington 8800	REGISTERED LETTER PROPERTY OF THE PROPERTY OF
9	Melinda	Mei	Department of Water and Sanitation	DWS	Private Bag X5912 Upington 8800	REGISTERED LETTER (with a decreased selection reclaid (RC 1973 '712' 57' 197. X' CUSTOMER COPY 391628R
10	Mandla	Ndzillii	Ministry of Environment and Nature Conservation		Private Bag X6120 Kimberley 8301	REGISTERED LETTER THE ANSWER CONTROL OF THE PROPERTY OF THE PR
11	Mr Sibonelo	Mbanjwa	Provincial Department of Environment and Nature Conservation: Northern Cape		Private Bag X6120 Kimberley 8301	
12	Ms Mashudu	Marubini	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, 3 Prepara 0001	REGISTERED LETTER /with a diametric instrumes quitor/ Shandcold open (11) 28 www.gametrico. RC 073 713 458 ZA CUSTOMER COPY 31922R

No.	Name	Surname	Company	Designation	Postal	Registered Number Customer Copy (for CSIR)
13	Thoko	Buthelezi	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a domestic insulantes option) RC 073 713 444 ZA CUSTOMER COPY 391928R
14	D	Nhlakad	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER POWER STATEMENT CONTINUES CONTIN
15	Anneliza	Collett	Department of Agriculture, Forestry and Fisheries - AgriLand Liaison office		Private Bag X120, Pretoria 0001	REGISTERED LETTER (with a document insurance system) (RE 1913 1913 4935 1924 or CUSTOMER COPY 301038
16	Jacoline	Mans	Department of Agriculture, Forestry and Fisheries - Chief Forester: NFA Regulation		PO BOX 2782 Upingotn 8800	REGISTERED LETTER (with a standard transfer of the control of the
17	Ali	Diteme	Agriculture, Land Reform & Rural Development		Private Bag X 5018, Kimberley, 8300	REGISTERED LETTER (with a stensible insurance option) STREET 1973 373 2.X.* CUSTOMER COPY 991828R
18	Pieter	Buys	National Energy Regulator of South Africa (NERSA)		PO Box 40343, Arcadia, 0007	REGISTERED LETTER (month e discrepation for internation of the control of the con
19	IA	Bulane	Department of Public Works, Roads and Transport		PO Box 3132, Squarehill Park, Kimberley 8300	REGISTERED LETTER June 1 Statement Spring
20	Denver	Van Heerden	Department of Public Works, Roads and Transport		PO Box 3132, Squarehill Park, Kimberley 8300	REGISTERED LETTER Justin 4 decreasity industrates system; 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 Beliville, 7535	REGISTERED LETTER Just a document of special participation and the special participation and the RC 073 713 395 ZA CUSTOMER COPY 301028
22	Ms. M	Lepheane	Department of Labour		Private Bag X5012, Kimberley, 8300	REGISTERED LETTER ONLY OF STATE OF STAT
23	Mr. A.	Botes	Department of Social Development		Private Bag X 5042, Kimberley 8300	REGISTERED LETTER WITH a distribute instrument application of the control of the
24	Mr. Riaan	Warie	Northern Cape Economic Development Agency		227 Du Toitspan Road, Belgravia, Kimberley 8301	REGISTERED LETTER Settle 2 Promotive Contemporary Contemporary RC 073 713 325 ZA CUSTOMER COPY 301128R
25	Mr Andrew	Timothy	Directorate Heritage, Department - Sports, Arts and Culture	2015-07-30	P. O. Box 1930, Kimberley 8300	REGISTERED LETTER (with a donestic leasurance option) shared 1998 171 202 TWO control of the CONTROL TO THE CONTROL OF THE CON

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	RC 073 713 268 ZA CUSTOMER COPY 381125R
						301925R
30	John	Geeringh	ESKOM	Commenting authority	P.O.Box 1091 Johannesburg 2157	REGISTERED LETTER (with a distribution of phonon (CUSTOMER COPY 301029)
31	Justine	Wyngaardt	Eskom Holdings Limited: Eskom Distribution Western Operating Unit		1	REGISTERED LETTER JUST STREET
32	Sharon	Steyn	Northern Cape Chamber of Commerce and Industry		PO Box 350, Kimberley 8300	REGISTERED LETTER (with a developed in the advanced option) RECORDS 71/37 273 273 273 273 273 273 273 273 273 2
33	P.J.J	van Rensburg	Agri Northern Cape		PO Box 1094, Kimberly 8300	REGISTERED LETTER No deposition in a deposition of the control of
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35	Adrian	Tiplady	SKA SA		17 Baker Street Rosebank Johannesburg South Africa 2196	REGISTERED LETTER (with a segment insurance application of the company of the com
37	The Director		Department of Energy Nothern Cape		Private Bag X6093 Kimberley, 8300	REGISTERED LETTER from a stronger to the stron
38	Simon	Gear	Birdlife South Africa	97-30	PO Box 515 Randburg, 2194	REGISTERED LETTER (with a demands insurance out) RC 673 7 13 T972.
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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 AND A General Programme opinion of the Control o
41	Dr. Howard	Hendricks	South African National Parks (SANParks) - Snr GM: Policy & Governance Conservation Services Division		PO Box 787, Pretoria, 0001	REGISTERED LETTER fronts of the profession of th
42	Rudolph	Grobler			PO Box 41, Keimos 8860	REGISTERED LETTER sharehed advantage in Insurance depth sharehed region (19 32 Annual Sales) RC 073 713 152 Z/ CUSTOMER COPY 38168
43	Ernest	Connan	Ernest Connan Trust		PO Box 290, Upington, 8800	REGISTERED LETTE (with a deceased disputation of a construction of the first processing of the RC 073 713 149 Z. CUSTOMER COPY 30%
44	Johan	Steenkamp	JHJ Steenkamp Trust		JHJ Steenkamp Trust PO Box 3267	REGISTERED LETTE
					Upington 8800	CUSTOMER COPY 341
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			(20151	14-30		

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;

JacolineMa@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@nocci.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:

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

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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

Bestek en Omgewingsimpakevalueringsproses: Voorgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringsprosesse: 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: <u>RAbed@csir.co.za</u>

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

Page 1 of 3

Message Id: Subject: Created By:

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Notice of BA and EIA Process - Solar PV Facilities and Associated Electrical Infrastructure, Northern Cape RAbed@csir.co.za

Created by: Scheduled Date:	KADeomicsir.co.za		
Creation Date:	29/07/2015 16:01		
From:	Rohalda Abed		
Recipients:			
Recipient		Action	Date & Time Comment
agri.ncape.gov.za		Transferred	29/07/2015 16:01
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	@gmail.com (andre.vanniekerk10@gmail.com)	Delivered	29/07/2015 16:03
	Il.com (marcyroxnpc@gmail.com)	Delivered	29/07/2015 16:03
	II.com (ratha.timothy@gmail.com)	Delivered	29/07/2015 16:03
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grasslands.org.za		Transferred	29/07/2015 16:01
BC: admin@grasslands.	org.za (admin@grassiands.org.za)	Delivered	29/07/2015 16:02
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BC: mm@kalgarlb.gov.z	a (mm@kalgarib.gov.za)	Delivered	29/07/2015 16:03
(abour.gov.za		Transferred	29/07/2015 16:01
BC: monica.lepheane@i	abour.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
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	za (kraaines@mweb.co.za)	Delivered	29/07/2015 16:03
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PC: mmathews@ncpg.g	ov.za (mmathews@ncpg.gov.za)	Delivered	29/07/2015 16:03
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Page 2 of 3

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BC: waltjc@nra.co.za (waltjc@nra.co.za)	Delivered	29/07/2015 16:02	
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BC: straussdj@orientis.co.za (straussdj@orientis.co.za)	Delivered	29/07/2015 16:02	
POBOX1.DURBAN	Delivered	29/07/2015 16:01	
To: Rohalda Abed (RAbed@csir.co.za)	Read	29/07/2015 16:01	
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POBOX1.STELLBOS BC: Surina Laurie (SLaurie@csir.co.za)	Third-Party Downloaded		
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A sanblorg.za	Transferred	29/07/2015 16:01	
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BC: howard.hendricks@sanparks.org (howard.hendricks@sanparks.org)	Delivered	29/07/2015 16:12	
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Scatecsolar.com	Transferred	29/07/2015 16:01	
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BC: Gilbert.Norten@transnet.net (Gilbert.Norten@transnet.net)	Delivered	29/07/2015 16:03	
BC: Mayvyn.Bhana@transnet.net (Mayvyn.Bhana@transnet.net)	Delivered	29/07/2015 16:03	
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BC: claude@veroniva.co.za (claude@veroniva.co.za)	Delivered	29/07/2015 16:03	
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ewt.org.za		ewt.org.za		
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Concealed Subject:	No			
Expiration Date:	None			
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Reply requested by	None None			
Security:	Standard			
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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

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 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: <u>RAbed@csir.co.za</u> 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

<u>Bevoegde Owerheid:</u> 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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

Bestek en Omgewingsimpakevalueringsproses: Voorgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringsprosesse: 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: <u>RAbed@csir.co.za</u>

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.

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

>>> 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 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 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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

	stek en Omgewingsimpakevalueringsproses: orgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringsprosesse: 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: <u>RAbed@csir.co.za</u>

 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)

0860836337 or 0860 TENDER

Fax: 033 343 5882

SCOPING REPORT

APPENDIX F:

Copy of Site Notice Board and Proof of Placement

Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) 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 38282 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 Gemsbok Bult 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.

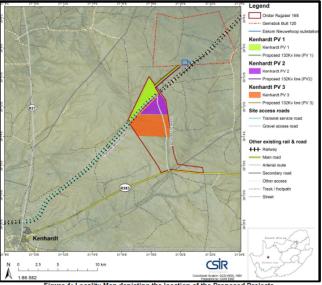
Since the proposed 75 MW Solar PV facilities are located within the same geographical area and constitute the same type of activity, an integrated Public Participation Process will be undertaken for the proposed projects. However, separate Applications for Environmental Authorisation (EA) will be lodged 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 following the http://www.csir.co.za/eia/ScatecSolarPV/

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



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



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

Site Notice Board - Afrikaans

APPENDIX F - Site Notice Board and Proof of Placement

GESAMENTLIKE KENNISGEWING VAN BASIESE EN OMGEWINGSIMPAKEVALUERINGSPROSESSE

VOORGESTELDE ONTWIKKELING VAN DRIE SONKRAGAANLEGTE 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 voornemene 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 konneksiepunte na die substasie op die Restant van Gedeelte 3 van Gemsbok Bult 120. Die voorgestelde projekte is 30 km noord-oos van Kenhardt geleë. Elke project gaan ongeveer 200 hektaar (ha) beslaan en sal langs mekaar gebou word. Elke projek gaan, onder andere, sonpanele, geboue, elektriese infrastruktuur, en toeganspaaie 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)
onigoning on panovaluoning	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.

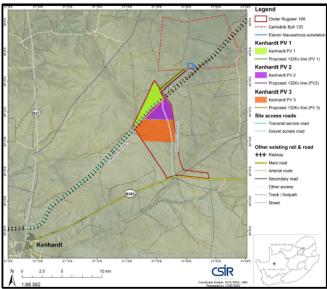
Om te verseker dat u vir die projekte as 'n Belangstellende en Geaffekteerde Party (B&GP) geregistreer word of om enige kwessie uit te lig wat u met die projekte het, word u vriendelik versoek om te registreer vir die projekte en u kommentaar aan WNNR se verteenwoordiger (inligting hieronder) te stuur. 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

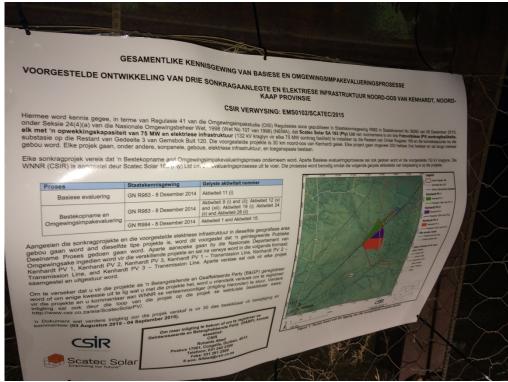


Figuur 1: Terrein Kaart wat die ligging van die voorgestelde projekte aandui

Proof of Placement of Site Notice Boards: 3 August 2015



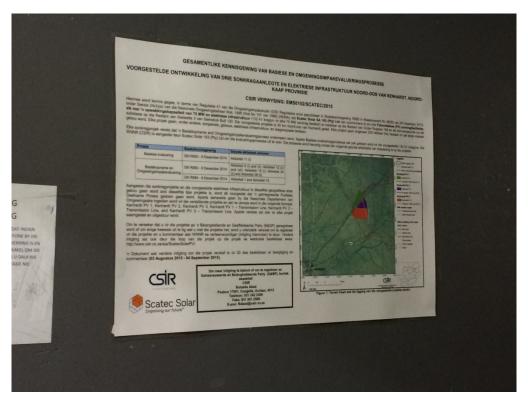
Site Notice Board (Afrikaans) placed at the entrance to the Transnet Service Road, which serves as one of the access routes to the (preferred and alternative) project sites.



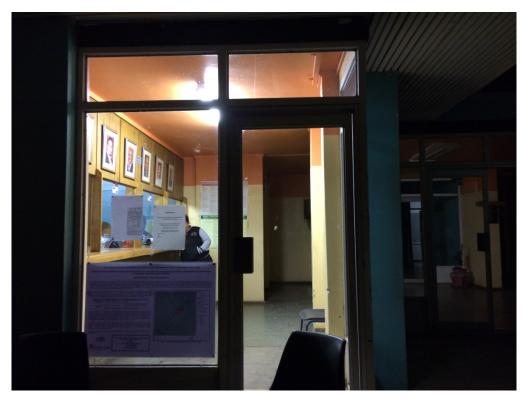
Close up image of the Site Notice Board (Afrikaans) placed at the entrance to the Transnet Service Road, which serves as one of the access routes to the (preferred and alternative) project sites.



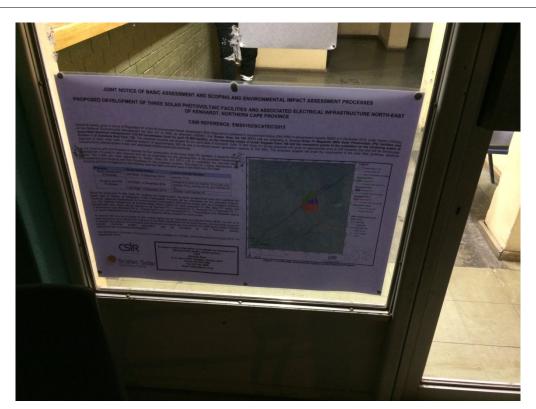
Site Notice Board (Afrikaans) placed at the Kenhardt Petrol Station.



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

Assessment for the Proposed Development of a 75 MW Solar Photovoltaic Facility (KENHARDT PV 1) 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: <u>+27 21 934 5278</u> Fax: <u>+27 21 935 0505</u> Email: <u>karen@mulilo.com</u>

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

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

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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

		Omgewingsimpakevalueringsproses: drie 75 MW PV sonkragprojekte		e evalueringsprosesse: kraglyne	Voorgestelde	drie
-	Kenhardt	PV 1	- Ke	nhardt PV 1 - Transmission	n Line	
-	Kenhardt	PV 2	- Ke	nhardt PV 2 - Transmission	n Line	
-	Kenhardt	PV 3	- Ke	nhardt PV 3 - Transmissio	n 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: <u>RAbed@csir.co.za</u>

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)

0860836337 or 0860 TENDER

Fax: 033 343 5882

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



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.

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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

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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

Bes Voc	stek en Omgewingsimpakevalueringsproses: orgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringsprosesse: 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: 031 242 2300 Faks: 031 261 2509 E-pos: <u>RAbed@csir.co.za</u>

From:

"Marina Lourens

Transnet Freight Rail SLD" <Marina.Lourens@transnet.net>

To: Date: "RAbed@csir.co.za" <RAbed@csir.co.za> 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

TRANSNET

19 August 2015

Rohaida Abed

CSIR

P.O. BOX 17001 Congelia DURBAN 4013 Gilbert Nortier

Depot Engineering Manager

Private Bag X11 Vredenburg 7380

Dear Rohaida

RE: ISSUES/CONCERNS TO PROPOSED DEVELOPMENT OF THREE SOLAR PHOTOVALTAIC 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

DEM

QUEEKT NORTIER

Transnet SOC Ltd Registration Number Carlton Centre

P.O. Box 72501 Parkview, Johannesbu South Africa, 2122

Johannes

T +27 11 308 3001 F +27 11 308 2638

Directors: LC Mabaso (Chairperson) B Molefe* (Group Chief Executive) Y Forbes GJ Mahlalela PEB Mathekga N Mools ZA Nagdee VM Nikonyane MR Sekke SD Shane BG Stagman PG Williams A Singh* (Group Chief Financial Officer)

"Executive

www.fransnet.net

Group Company Secretary: ANC Ceba

 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 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

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 Omgewingsimpakevalueringsproses 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 Omgewingsimpakevalueringsproses vir die bogenoemde projekte uit te voer.

'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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:

Bestek en Omgewingsimpakevalueringsproses: Voorgestelde drie 75 MW PV sonkragprojekte	Basiese evalueringsprosesse: 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 beskrwying van die projek, die gelyste aktiwiteite en is vir 30-dae beskikaar 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: <u>RAbed@csir.co.za</u>



17 Baker Street Rosebank Johannesburg South Africa 2196

Tel: +27 (0) 11 442 2434 Fax: +27 (0) 11 442 2454 Email: atlplady@ska.ac.za

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

E-mail: 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.

- The location of the proposed facility has been provided in the background information document compiled by CSIR ,
- 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



OUTH AFRICA SQUARE KILOMETRE ARRA SKA South Africa Project Office

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,

Dr. Adrian Tiplady Head: Strategy

SKA South Africa Tel: 011 442 2434 Fax: 011 442 2454

atiplady@ska.ac.za





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



Ms René de Kock

Statutory Control Tel: +27 21 957 4607 Fax: +21 946 1630

Cell:

Email: Dekockr@nra.co.za



Are you ready? Get tagged 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

fν

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

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

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

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'n Bestek en Omgewingsimpakevalueringsproses 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 evalueringsprosesse 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.

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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

Faks: 031 261 2509 E-pos: <u>RAbed@csir.co.za</u>