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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.7: COPIES OF THE CONTENT OF AND PROOF OF PLACEMENT OF THE NEWSPAPER ADVERTISEMENTS FOR THE RELEASE OF THE DRAFT SCOPING REPORT

*App. E.7/...* 

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### 1. Copy of the content of the newspaper advertisement

#### NOTICE OF SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (S&EIA) PROCESSES FOR THE PROPOSED DEVELOPMENT OF TWELVE SOLAR PHOTOVOLTAIC (PV) FACILITIES AND ASSOCIATED INFRASTRUCTURE, NEAR DE AAR IN THE NORTHERN CAPE PROVINCE

Notice is hereby given that the Project Developer, ABO Wind renewable energies (Pty) Ltd, is proposing to develop twelve Solar Photovoltaic (PV) power generation facilities and associated infrastructure, such as, but not limited to, various structures, buildings, and Battery Energy Storage Systems (BESS), near De Aar in the Northern Cape Province. These projects are referred to as Kudu Solar Facility 1 to 12 (Projects 1 to 12). The proposed projects are located within the Renosterberg Local Municipality, which falls within the Pixley Ka Seme District Municipality. The Project Applicants are Kudu Solar Facility 1 (Pty) Ltd to Kudu Solar Facility 12 (Pty) Ltd.

The proposed PV facilities and associated infrastructure (i.e. Projects 1 to 12) will be constructed on a selection of the following farm portions: Portion 0 (RE) of Farm Bas Berg 88; Portion 3 (RE) of Farm Bas Berg 88; Portion 4 of Farm Bas Berg 88; Portion 2 (RE) of Farm Grass Pan 40; Portion 0 (RE) of Farm Annex Wolve Kuil 41; Portion 1 of Farm Annex Wolve Kuil 41; Portion 2 of Farm Wolve Kuil 43; and Portion 0 (RE) of Farm Wolve Kuil 40.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations (as amended), the proposed Kudu Solar Facilities (Projects 1 to 12) will be subject to full Scoping and EIA (S&EIA) Processes, with a 107-day decision-making timeframe. Notice of the S&EIA Processes is thus given in terms of Regulation 41 (2) (c) of the 2014 NEMA EIA Regulations (as amended).

Separate Applications for EA will be submitted to the Competent Authority, the Department of Forestry, Fisheries and the Environment (DFFE), with the Draft Scoping Reports for the Kudu Solar Facilities (Projects 1 to 12). The proposed projects trigger various listed activities in the 2014 NEMA EIA Regulations (as amended); with GN R325 Listing Notice 2: Activity 1 serving as the main activity for the Kudu Solar Facilities (Projects 1 to 12). Comment will also be sought from the South African Heritage Resources Agency (SAHRA) in terms of the National Heritage Resources Act (Act 25 of 1999). The S&EIA Processes will also confirm if a Water Use Authorisation is required in accordance with the National Water Act (Act 36 of 1998, as amended). An integrated Public Participation Process will be undertaken for all the proposed projects, as well as all applications necessary in respect of other applicable legislation.

The Council for Scientific and Industrial Research (CSIR) has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage the Environmental Assessment processes for the proposed projects on behalf of the Project Applicants.

Interested and/or Affected Parties (I&APs) are hereby notified of the release of the Draft Scoping Reports for the Kudu Solar Facilities (Projects 1 to 12) for a 30-day review period, which will extend from **9 December 2022 to 30 January 2023.** This comment period excludes the regulated shutdown period. The Draft Scoping Reports can be downloaded from the following website:

https://www.csir.co.za/environmental-impact-assessment

Should you be interested in registering as an I&AP and to provide comments on the Draft Scoping Reports, you are kindly requested to e-mail your name, contact details, with an indication of any direct business, financial, personal or other interest which you may have in the applications, as well as comments, to the EAP at the CSIR: Rohaida Abed; E-mail: ems@csir.co.za; Postal address: P.O. Box 59081, Umbilo, Durban, 4075; Tel: 031 242 2300.

Note that the Electrical Grid Infrastructure (EGI) needed to facilitate connection of the Kudu Solar Facilities to the national grid will include 132 kV power lines, Switching Stations and Collector Stations at each Solar PV Facility (Kudu EGI Projects 13 to 24), an independent 400/132 kV Main Transmission Substation (MTS) (Kudu EGI Project 25), and a 400 kV Loop-In-Loop-Out (ILIO) (Kudu EGI Project 26). Projects 13 to 26 are located within the Central Strategic Transmission Corridor that was gazetted in GN 113 in February 2018 and will therefore be subjected to separate Basic Assessment (BA) Processes and/or Registration via the Power Line and Substation Standard [Government Gazette 47095; GN 2313, dated 27 July 2022]. Separate notifications will be published, when reports are available for comment (as relevant), for Projects 13 to 26.

#### KENNISGEWING VAN DIE BESTEKOPNAME- EN OMGEWINGS-IMPAKSTUDIESPROSESSE ("S&EIA") VIR DIE VOORGESTELDE ONTWIKKELING VAN TWAALF SON FOTOVOLTAÏESE (PV) FASILITEITE EN MEEGAANDE INFRASTRUKTUUR GELEË NABY DE AAR IN DIE NOORD-KAAP PROVINSIE

Hiermee word kennis gegee dat die Projek-Ontwikkelaar, ABO Wind renewable energies (Edms) Bpk, die ontwikkeling voorstel van twaalf Son Fotovoltaïese (PV) energie opwekkingsfasiliteite en meegaande infrastruktuur, insluitende verskeie strukture, geboue en Battery Energie Bergingsisteme ("BESS"), naby De Aar in die Noord-Kaap Provinsie. Hierdie projekte staan bekend as Kudu Son Fasiliteit 1 tot 12 (Projekte 1 tot 12). Die voorgestelde projekte is geleë in die Renosterberg Plaaslike Munisipaliteit wat val binne die Pixley Ka Seme Distriksmunisipaliteit. Die Projek-Aansoekers is Kudu Solar Facility 1 (Edms) Bpk tot Kudu Solar Facility 12 (Edms) Bpk.

Die voorgestelde Kudu Son Fasiliteite en meegaande infrastruktuur (Projekte 1 tot 12) sal ontwikkel word op 'n versameling van die volgende plaas gedeeltes: Gedeelte 0 (RES) van Plaas Bas Berg 88, Gedeelte 3 (RES) van Plaas Bas Berg 88, Gedeelte 4 (RES) van Plaas Bas Berg 88, Gedeelte 4 (RES) van Plaas Bas Berg 88, Gedeelte 0 (RES) van Plaas Annex Wolve Kuil 41, Gedeelte 1 (RES) van Plaas Annex Wolve Kuil 41, Gedeelte 1 (RES) van Plaas Wolve Kuil 41, Gedeelte 2 van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 43, en Gedeelte 0 (RES) van Plaas Wolve Kuil 44, en Gedeelte 0 (RES) van P

Die voorgestelde Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12) is onderhewig aan 'n volle Bestekopname en Omgewingsimpakstudieproses ("Scoping and ElA"), met 'n besluitnemingsperiode van 107 dae, in terme van die Nasionale Omgewingsbestuurswet (Wet No. 107 van 1998, soos gewysig) (NEMA) en die 2014 NEMA Omgewingsimpakstudie Regulasies (soos gewysig). Hiermee word dus kennis gegee van die S&EIA-Prosesse in terme van Regulasie 41 (2) (c) van die 2014 NEMA Omgewingsimpakstudie Regulasies (soos gewysig).

Afsonderlike aansoeke vir Omgewingsgoedkeuring sal ingedien word by die beherende owerheid, nl. Departement van Bosbou, Visserye en die Omgewing ("DFFE"), resame met Konsep Bestekopname Verslae vir die Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12). Verskeie gelyste aktiwiteite in die 2014 NEMA Omgewingsimpakstudie Regulasies (soos gewysig) is van toepassing op die voorgestelde projekte met GN R325 LN 2: Aktiwiteit 1 wat dien as die hoof aktiwiteit vir die Kudu Son Fasiliteite (Projekte 1 tot 12). Kommentaar sal ook verkry word vanaf die Suid-Afrikaanse Erfenishulpbronagentskap ("SAHRA") in terme van die Wet op Nasionale Erfenishulpbronne (Wet 25 van 1999). Die S&EIA Prosesse sal ook bevestig indien 'n Waterverbruikslisensie vereis word ingevolge die Nasionale Water Wet (Wet 36 van 1998, soos gewysig). 'n Geintegreerde Publieke Deelname Proses sal onderneem word vir die voorgestelde projekte, asook alle aansoeke soos vereis ingevolge ander relevante omgewingswetgewing.

Die Wetenskaplike Nywerheids- en Navorsingsraad (WNNR) is aangestel as die onafhanklike Omgewingskonsultant ("EAP") om hierdie omgewingsimpakstudie-prosesse te behartig en te bestuur namens die Projek-Aansoekers.

Geïnteresseerde en/of Belanghebbende Partye (G&BPs) word hiermee in kennis gestel van die vrylating van die Konsep Bestekopname Verslae vir die Kudu Son Fasiliteite (Projekte 1 tot 12) vir 'n 30-dae kommentaar periode, wat sal strek vanaf 9 Desember 2022 tot 30 Januarie 2023, uitsluitend die DFFE sluitingsperiode en publieke vakansiedae. Die Konsep Bestekopname Verslae kan afgelaai word by hierdie webtuiste: https://www.csir.co.za/environmental-impact-assessment

Sou u belangstel om te registreer as 'n G&BP en om kommentaar te lewer op die Konsep Bestekopname Verslae, word u vriendelik versoek om u naam en kontakbesonderhede te e-pos, asook 'n aanduiding van enige direkte, besigheids, finansiële, persoonlike of ander redes vir u moontlike belangstelling in die aansoeke, aan die EAP by die WNNR: Rohaida Abed; E-pos: ems@csir.co.za; Posadres: Posbus 59081, Umbilo, Durban, 4075; Tel: 031 242 2300.

Die meegaande elektriese netwerk infrastruktuur projekte ("EGI") behels 132 kV kraglyne, ontvanger- en skakelstasies by elke Son Fasiliteit (Kudu EGI Projek 13 tot 24), 'n onafhanklike 400/132 kV hoofoordragstasie ("MTS") (Kudu EGI Projek 25), en 'n 400 kV "Loop-In-Loop-Out" ("ILIO") (Kudu EGI Projek 26) ter aansluiting by die nasionale elektriese netwerk. Projekte 13 tot 26 is geleë in die Sentrale Strategiese Oordrag Korridor (Staatskennisgewing 113 in Februarie 2018) en is dus onderhewig aan 'n afsonderlike Basiese Evalueringsproses (BA) en/of Registrasie via die Kraglynen Substasie Standaard (Staatskoerant 47095; Staatskennisgewing 2313, gedateer 27 Julie 2022). Let daarop dat afsonderlike kennisgewings gepubliseer sal word vir Projekte 13 tot 26, sodra die verslae beskikbaar is vir kommentaar.





SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### Proof of the newspaper advertisement publishing in the Noord-Kaap Bulletin

NoordkaapBulletin 8 Desember 2022

Vir jare se getrouheid erken: Sewe lede van die Kuruman-tak van die Vrouelandbouvereniging (VLV) het ordnags kentekiens as erkenning vir die jaer wat hulle aan die evrenligin behoort, ontvang, Met die VLV se jaar wat van 30 September tot 1 Oktober strek, het vyf lede hul mylpaal in 2022 behaal, terwyl twee dit reeds in 2021 behaal het. Diensjaarknopies is op 23 November, op die tak se jaansfaluiting- en prysuktellengsgebentheid, aan hulle oorhandig. Van links is Trikke Earsmus (10 jaar in 2022), Janet West (15 jaar in 2022), Marinda Stander (15 jaar in 2022), Marianne Vorster (20 jaar in 2022), Magdaleen o Klerk (35 jaar in 2022), Zelda Lombaard (10 jaar in 2021) en Ansie Cilliers (15 jaar in 2021). FOTO, VERS





ASIB ASIB ASIB ASIB ASIB Petra Diamonds Limited is one of the world's leading suppliers of rough diamonds and one of the largest independent diamond groups by resource. It is a polished diamond were after for this one: an individual that clearly outshines his/her peers: P



Finsch Diamond Mine is located in the town of Lime Acres, which is situated 160km north-west of Kimberley an 109km south of Kuruman in the Northern Cape.

Closing date for applications 30/03 be 20/23 @ 12/10/engs.co.za (Latest Updated CV).

If you have not been contacted by the company within one week after the closing date, please consider your application to be unuccessful.

Closing date for applications: 31/01/2023 @ 12:00pm

ROLE DESCRIPTION: Reporting to the Specialist: Geotechnical Engineering, the role will collect and capture information on draw point conditions and draw point loading, and monitor adherence to the Draw Control Plan Recommend corrective actions as and when required.

MINIMUM REQUIREMENTS:

CLEARLY

SPECIFY ON YOUR CV.
Aminimum of 2 years' underground caving experience – PLEASE CLEARLY SPECIFY ON YOUR CV.
Knowledge of geogy and ground conditions – PLEASE CLEARLY SPECIFY ON YOUR CV.
Computer Leteracy and Microsoft Office Suite.
Valid Otherse Leteracy

Degree in Geology/Engineering Geology/Mining Engineering.

Fineth District of Mine is an equal opportunity enrobove. Perference will be given to suitable condidates from the designated groups in the will be to Company's Employment Equity Perloy and Est and attended accidatedate. Pre-screening profile testing, assessments, medical and security cleanance form part of the recruitment and selection profile testing, assessments, medical and security cleanance form part of the recruitment and selection process. Shot littled candidates will be required to attend a panel interlevie. Employment of the successful candidates is subject to the alternative control of the successful candidates will be required to attend as panel interlevie. Employment of the successful candidates who reside within our host bloom scanding are and Kgatastogel (proof of residence may be required).

please complete an application form (available on <a href="http://www.petradiamonds.com/careers/current-vacancles">http://www.petradiamonds.com/careers/current-vacancles</a>] and forward, together with your résumé, qualifications and ID, to £1: recruitment@extradiamonds.com by 13 December 22. Please note, applications must be sent to the correcte-mail as indicated. Incomplete application forms and documentation will not be considered.

Correspondence will be limited to short-listed candidates only. Petra Diamonds reserves the right not to fill this position.

If you have not heard from us within 30 days of the closing date, please regard your application as unsu

Please note that Petra Diamonds does not at any time require any form of payment for recruitment purposes. If you are approached in this regard, you should report the incident immediately to your local SAYS or via one of the following hotilutes. 31 ST 15573; Fax: 427 31 569 7395; Email: tothehotline@tip-ciffa.com; Poat: KZ 136, Umhlanga Rocks, 4320; Website: www.lip-offs.com

KENNISGEWING VAN DIE BESTEKOPNAHE: EN OHGEWINGS-IMPAKSTUDIESPROSESSE ("SCEIA") VIR DIE VOORGESTELDE ONTWIKKELING VAN TWAALF SON FOTOVOLTAIESE (PV) PASILITEITE EN HEEGAANDE IMPRASTRUKTUR GELEË NABY DE AAR IN DIE MONDE-VAAP PROVINSIE

FASILITETE EN MEGOANDE INFRASTRUKTUUR GELEÉ
NABY DE ARI IN DIE INFORMATION FORWISE

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## Exercise holds benefits

Physical inactivity lists amongst the risks contributing to diabetes, heart disease and hypertension. To promote physical activity, a healthy lifestyle and balanced nutrition, the Northern Cape Department of Department of Health recently hosted a campaign in Tsineng in the Joe Morolong Local Municipality.

Municipality.
At the event, MEC
Maruping Lekwene
took part in an
aerobics session,
and urged
communicy

and urged community members to engage in daily activities that exercise the body in order to stave off medical conditions and ill health.

Maruping emphasised that pressure, lowers cholesterol, burns excess fa, boosts immunity, reduces cancer risk factors, increases self-esteem, improves mental sharpness, lessens depression and anxiety, and cases stress levels.

#### NOTICE OF PUBLIC PARTICIPATION FOR BASIC ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND PROSPECTING RIGHT APPLICATION

AND PROSPECTING RIGHT APPLICATION
Notice is hereby given in terms of Regulation 41 of the Environmental Impa
Assessment Regulations 2014, made under Section 24(5) of the Nation
Environment Management Act (Act No. 107 of 1998) and published
Government Notice No. 8.983 of 2014 read together with section 16(4) of the
Government Notice No. 8.983 of 2014 read together with section 16(4) of the
amended of intent to carry out the following activity: Proposed prospectir
activity of Iron ore, Manganese ore and Diamond on the farm Elidon 456 and
accessed approximately 30.1km south west of Kuruman along the N14 route!
Khathu within the jurisdiction of Gamagara Local Municipality, John Tao
Gaetsewe District of Northern Cape Province.

DMR Ref No: NC 30/5/1/1/2/13319 PR

Site Co-ordinates S: 270 34' 14.0" E: 230 09' 33.4" S: 270 34' 13.4" E: 230 09' 51.2" S: 270 35' 35.6" E: 230 12' 38.9" S: 270 36' 20.6" E: 230 12' 51.8" S: 270 36' 52.0" E: 230 09' 22.4"

Siz7036 53.0° Eiz3009 22.4° The proposed development activity falls within the categories of R 983 Activity 20 and therefore requires Basic Assessment Process. Please be informed that the Consultative Basic Assessment Report and the Environmental management programme is available for comments for 30 days excluding public holidays from date of publication of this notice (08 December 2022 to 26 January 2023). In order to participate in the process, or to provide comments and or to register as an interested and Affected Parties (18APs) pertaining to the above-proposed development, you are invited to contact the consultant, TPR Mining Resources (Pty) Ltd and the applicant, Addwart (Pty) Ltd at the details given below:

PARTICULARS OF ENVIRONMENTAL CONSULTANT PARTICULARS OF THE APPLICANT CONSULTANT
TPR Mining Resources (Pty) Ltd
Contact: Mr. Thato Ramoraswi
No:29) Woltemade Street,
Witbank
1035
Tel: 087 980 5800
Fax: 086 599 3318
Email: APPLICANT

Addwatt (Pty) Ltd

Contact: Mr. Ntuli Dumi
14A Borax Street
Johannesburg
1549
Cell: 072 188 4792
Tel: 011 907 3554
Email: Email: info@tprmining-resources.co.za dumisane.Ntuli@sphandile.co.za

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### Proof of the newspaper advertisement publishing in the Echo / Midland News

THE ECHO/MIDLAND NEWS, FRIDAY 9 DECEMBER 2022

## Challenging year for wool industry

THE 2022 wool season came to a close last week with the final sale for the season. It's been a challenging but very rewarding year for the Wool industry.

A large volume of 14 837 bales were offered over the two day sale, with a very good overall sales clearance of 94,5%.

More than 60% of the offering consisted of fine micron, long length fleece wools, with 45% of the merino wools on offer certified as sustainable.

sustainable.

The SA currency strengthened continuously against the major currencies over the two-day period. ultimately closing 1.3% stronger against the USS.

The large volume offered, the strengthening of the SA currency, combined with difficult market conditions, forced the prices downward on this week's sale.

VENTER EN VENNOTE

The non-RWS market indicator closed down by 6,1% on R151,64 p/kg and the RWS indica-tor eased by 4,4% to close on R157,85 p/kg.

The Australian market also experienced con-siderable downward pressure this week, closing down 2,5% (AUS) from the previous sale, held on Wednesday, 23 November.

on Wednesday, 25 November.

The major buyers on today's sale were:
Modiano SA (4229), Tianyu SA (2602), Standard
Wool SA (2174) and BKB Pinnacle Fibres
(1807). The next auction is scheduled for 11



Die papegaai met sy groen lyf, goue kop en nek — wat as die heldergroen en goue juweel van die woud bekend staam – is die Kaapse papegaai (Poiephalus robusts) deur Bird-Life Suid-Afrika as voël van die jaar vir 2023 aangekondig. Dié kleurvolle voëlspesie betower voëlkykers van oor die wêreld. Een spyte van vy statu as hedredige spesies, simboliseer die papegaaie hoop en verekrangligstees die voor die voor

## DE AAR DRUKKERS

Telefoon (053) 631-2851 Posbus 44 De Aar

SPOEDIGE DRUKWERK VAN HOË GEHALTE

## MIDLAND NUUS

POSBUS 224 CRADOCK Telefoon (048) 881-5330

#### Kennisgewing **AAN KREDITEURE**

#### ROFDEL

In die boedel van wyle
WINNIE MAGDALENE REZANT (ID
Nr. 341001 0011
086) van Kanariestraat 12. Uitbreiding 7, DE AAR
7000, wie op 1 Oktober 1934 gebore is
en op 30 Januarie
2021 oorlede is.
Broedel Nr. 1838/2022

with Boedel Nr. 1938/2022. ied as Noord-Kaap.

McIvorstraat 24 DE AAR

DE ANIX 7000 Tel: (053) 631-0846 E-pos: venter@langkloof.net 356 D9

## Kennisgewing AAN KREDITEURE EN DEBITEURE

#### BOEDEL

die boedel van wyle PAUL BERTHOLD BIRK (ID Nr. 520607 5064 087), gebore 7 Junie 1952 en oorlede 18 Mei 2021, in lewe woonagtig te Leo-singel 56, DE AAR 7000.

Roedel Nr. 2235/2021 Kennis geskied hiermee dat die Lik-widasie- en Distribu-sierekening in die bovermelde boedel ter insae lê by die Meesterskantoor te KIMBERLEY asook by die Landyroskanby die Landdroskan-toor te DE AAR vir 'n periode van 21 dae bereken vanaf 9 De-sember 2022 tot 30 Desember 2022.

DIPPENNAAR ELLIS BK

Posbus 120 /an Riebeeckstraat 65 SPRINGBOK 3240

el: (027) 718-1077

#### Kennisaewina

VERONIQUE LIND-SAY (ID Nr. 400311 0008 083) van The Willows, HANOVER 7005. Datum van dood: 3 Junie 2022.

Skuldeisers en skuldenaars in boge-noemde boedel word niermee versoek om nulle eise in te dien en nulle skulde te betaal aan die ondergetekende binne 'ntydperk van 30 (dertig) dae gereken vanaf Vrydag, 9 De-sember 2022.

TRUTER & VORSTER (Namens die Eksekuteur) Posbus 35 DE AAR

## NOTICE

#### LOST OR DESTROYED DEED

iation 68 of the Deeds Registries Act. 1937, of the intention to apply for the issue of a certified copy of Deed of Transfer No. T63866/1996 passed by ADRIAM JOHANNA COETZEE (BORN FOUCHE) infavour of (I) ESME HESTER BARROW & STEPHANUS BARROW (2) MARIUS FOUCHE.

INTESPECT OF CERTAIN OF THE PROPERTY OF CHARLES OF CHAR

or destroyed. All interested persons having objection of issue of such copy are hereby required to lodge the same in writing with the Registrar of Deeds at KIMBERLEY within two weeks from the date of the publication of this notice. Dated at KIMBERLEY on this 5th day of DECEMBER 2022

DUNCAN & ROTHMAN

PO Box 64 KIMBERLEY

8300 Deeds@duncan-rothman.co.za Tel.No: (053) 838-4700 Reference: STB3/0025/LA/CVE T1286220

## Kennisgewing en **GEREGTELIKE** VERKOPING VAN ROERENDE EIENDOM

n die Landdrosvir die distrikvan PIXLEY KASEME gehoute DE AAR. In die saak tussen RONALD BAILEY (Eksekusie-skuldeiser) en MS FELICITY FILLIES (Eksekusieskuldenaar).

ak Nr. 322/2022.

Saak kr. 32/20/22

Ten utvoerleging van 'n vornis van die 
Ten utvoerleging van 'n vornis van die 
20/2 sal ondervermelde goeder op 19 
Januarie 20/2 om 15:00 per publieke 
veiling te Alidestraat 21, De Aar, deur die BALIU, mnr 'TP Mokwena, aan die 
hoogste bieër vir Kontant verkoop word. 
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1 x Bruin Kabinet Staander 
1 x Hisense Palsma TV 
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1 x Grys Jeap Cherokee met 
1 x Bruin Ronke Nir CKC 021 NC

- x Grys Jeep Cherokee met Registrasie Nr: CKC 031 NC

Die verkoopsvoorwaardes sal beskik-baar wees by die Balju.

Die Koper sal aanspreeklik wees vir BTW (indien van toepassing) en die goedere sal voetstoots verkoop word

Geteken te DE AAR op die 5e dag van Desember 2022.

Desember 2022.

JOSEPH EN VAN RENSBURG
PROKUREURS
(Prokureurs vir die
Eksekusieskuldeisers)

Kerkstraat 1 DE AAR
7000

Grendfladsactive.com
Felso (3) 831-2164
Faks (053) 831-2763
Verw. Leernr: HvZ/HL2011/BiBI
11287224

#### Kennisgewing

### BOEDEL

In die boedel van wyle CHARLES OBER-HOLSTERSWANE-POEL (IDN: 511207 5025 088) van 3 Marsweg, DE AAR 7000. Datum van dood: 5 Junie 2022.

dood: 5 Junie 2022.
BoedelNr. 002069/2022.
Skul de isers en skuldenaars in bogenoemde boedel word hiermee versoek om hulle eise in te dien en hulle skulde te betaal aande ondergetekende binne 'n tydperk van 30 (dertig) dae gereken vanaf Vrydag, 9 Desember 2022.

TRUTER & VORSTER (Namens die Eksekuteur) Posbus 35 DE AAR

## WHY IS IT...

A man wakes up in the morning after sleeping in an advertised bed, washes with an advertised soap, shaves with an advertised razor, sits down and drinks advertised tea or coffee, drives to work in an advertised car, writes with

an advertised pen. Then . . . he refuses to advertise, says advertising doesn't pay, but when his business fails he finally advertises "BUSÍNESS FOR SALE"



LEWE!

'n

## **DE AAR** DRUKKERS

Telefoon (053) 631-2851 Posbus 44 De Aar

SPOEDIGE DRUKWERK VAN HOË GEHALTE

## MIDLAND NUUS

POSBUS 224 CRADOCK Telefoon (048) 881-5330

NOTICE OF SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (S6EIA) PROCESSES FOR THE PROPOSED DEVELOPMENT OF TWEIZE SOLAR PHOTOYOLTAIC (PV) FACILITIES AND ASSOCIATED INFRASTRUCTURE, NEAR DE ARR IN THE NORTHERN CAPE PROVINCE

DE AAR IN THE MORTHERN CAPE PROVINCE

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Tel: 031 242 2300.

Now that the Electrical Grid Infrastructure (FGI) needed to facilities to Kinds Solar Facilities to the notional grid will include 132 kV power Solarions and Collector Stations and Solar PV Facility Wale FGI Price an independent 400/132 kV Moin Transmission Substation (MISI) (Kind FGI Price 152), and a 400 kV Loop-lacopOver (LIC) (Kind FGI Price 162). Project Collected within the Central Strategic Transmission Corridor that two goods in February 2018 and will Rivertone to a subjected to apparent Battic.



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### 4. Proof of the newspaper advertisement publishing in the Bloem Nuus



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.8: CORRESPONDENCE AND PROOF OF CORRESPONDENCE SENT TO STAKEHOLDERS FOR THE DRAFT SCOPING REPORT RELEASE

App. E.8/...

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 1. Letter 2 sent via email to I&APs, Stakeholders and Organs of State: Notification of the Release of the Draft Scoping Report for a 30-day Comment Period



#### **CSIR Environmental Management Services**

P. O. Box 59081, Umbilo, 4075 Tel: 031 242 2300 Email: ems@csir.co.za

9 December 2022

Dear Interested and Affected Party

RE: NOTIFICATION OF THE RELEASE OF 12 DRAFT SCOPING REPORTS FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 12 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES 1 TO 12) AND ITS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE (DFFE REFERENCE NUMBER: TO BE ASSIGNED)

Notice is hereby given that the Project Developer, ABO Wind renewable energies (Pty) Ltd, is proposing the development of 12 Solar Photovoltaic (PV) Facilities and associated infrastructure to be located north-east of the town of De-Aar in the Northern Cape Province. The proposed projects are located within the Renosterberg Local Municipality and Pixley Ka Seme District Municipality; and they form part of a cluster of the following developments:

- PROJECTS 1 TO 12: The proposed development of 12 Solar PV Facilities and associated infrastructure (i.e. Kudu Solar Facility 1 to Kudu Solar Facility 12).
- PROJECT\$ 13 TO 24: The proposed development of switching stations and collector stations at each on-site substation
  complex at each of the 12 Kudu Solar Facilities, and up to 12 x 132 kV overhead power lines running from each Solar PV
  Facility to the proposed collector stations or up to the proposed Main Transmission Substation (MTS).
- PROJECT 25: The proposed development of an independent 400/132 kV MTS, including associated infrastructure at the MTS.
- PROJECT 26: The proposed development of a 400 kV Loop-In-Loop-Out (LILO) from the existing Hydra-Perseus 400 kV overhead power line to the proposed MTS.

A project Background Information Document (BID) was made available for comment in June and July 2022. At the BID stage, up to 30 projects were proposed; however, this has now reduced to a total of 26 projects, as indicated above.

The proposed Kudu Solar Facilities will comprise various infrastructure, such as a solar field, building infrastructure, an on-site substation complex, Lithium-Ion or Redox Flow Battery Energy Storage System (BESS), as well as associated infrastructure (e.g., laydown area; internal roads; fencing; storm water channels; panel maintenance and cleaning area; underground low voltage cables or cable trays; and 22 or 33 kV internal underground power lines).

Projects 1 to 12 are <u>not</u> located within any of the Renewable Energy Development Zones (REDZs) gazetted in Government Notice (GN) 114 on 16 February 2018; and GN 144 on 26 February 2021. Therefore, the proposed projects are subject to full Scoping and Environmental Impact Assessment (EIA) Processes and a decision-making period of 107 days, in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations (as amended). The Scoping and EIA Processes for Projects 1 to 12 are currently being undertaken, whereas the relevant Environmental Assessment processes for Projects 13 to 26 will be undertaken at a later stage. An integrated Public Participation Process (PPP) is being undertaken for the proposed projects, as well as all applications necessary in respect of other applicable legislation.

Notice of the Scoping and EIA Processes is thus given in terms of Regulation 41 (2) (b) of the 2014 NEMA EIA Regulations (as amended). The proposed projects trigger various listed activities in terms of the 2014 NEMA EIA Regulations (as amended); with Activity 1 of Listing Notice 2 (GN R325) serving as the main activity. Refer to Chapter 4 of the Draft Scoping Reports for the detailed list of listed activities, which require authorisation and thus form part of the Scoping and EIA Processes. An Application for Environmental Authorisation (EA) for each Kudu Solar Facility project has been separately submitted to the National Department of Forestry, Fisheries, and the Environment (DFFE), as the Competent Authority, along with the Draft Scoping Reports for comment.

In line with the above, as a registered stakeholder and Interested and/or Affected Party (I&AP) on the project database, you are hereby notified of the release of the Draft Scoping Reports for the 12 proposed Kudu Solar Facility projects for a 30-day comment period, which extends from 09 December 2022 to 30 January 2023 (excluding the DFFE regulated shutdown period).

www.csir.co.za

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

The Draft Scoping Reports can be accessed on the project website (<a href="https://www.csir.co.za/environmental-impact-assessment">https://www.csir.co.za/environmental-impact-assessment</a>). As a supplementary mechanism, the Draft Scoping Reports can also be downloaded from the following link on Google Drive: <a href="https://bit.ly/KUDU\_SOLAR\_PV">https://bit.ly/KUDU\_SOLAR\_PV</a>

Should you wish to register as an I&AP and/or to provide comments on the Draft Scoping Reports, you are kindly requested to e-mail, fax or mail your name, contact details and project-related comments to the CSIR at the contact details provided below by 30 January 2023:

Attention: Rohaida Abed
 Email: ems@csir.co.za

Postal address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

Copies of all comments received from I&APs and stakeholders during the review of the Draft Scoping Reports will be collated into the Comments and Response Reports and included as an appendix to the Final Scoping Reports and will include relevant responses to the comments. The Final Scoping Reports will be submitted to the DFFE for decision-making in line with Regulation 21(1) and Regulation 22 of the 2014 NEMA EIA Regulations (as amended).

In accordance with the Protection of Personal Information Act (Act 4 of 2013), CSIR will conduct itself responsibly when collecting, processing, storing and sharing any personal information collected for the purposes of PPP in terms of the 2014 NEMA EIA Regulations (as amended). By registering as an I&AP and/or submitting information and comments, you consent to the collection, collation, processing, and storing of such information and the use and disclosure of such information for the aforementioned purpose (https://www.csir.co.za/csir-privacy-notice). If you would like to opt out of communications on this project, please do so by responding to this correspondence via email.

We thank you in advance for your participation in these Scoping and EIA Processes. Should you have any queries or require additional information, please do not hesitate to contact the undersigned using the contact details provided above.

Sincerely,

foche

Paul Lochner Registered EAP
EMS Manager and Project Leader

CSIR - Environmental Management Services

Abed

Rohaida Abed Pr. Sci. Nat. Project Manager

CSIR - Environmental Management Services

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### 2. Email 2 sent to I&APs, Stakeholders and Organs of State on 9 December 2022

From: EMS

Sent: Friday, 09 December 2022 15:06

To: EMS

Subject: RE: Availability of Draft Scoping Reports for Comment - Kudu Solar PV
Attachments: Kudu Solar\_Letter 2\_DSR Release\_General IAPs\_FINAL\_091222.pdf

Categories: This message has been archived by Retain on December 16 2022 20:36

Dear Stakeholders and I&APs

RE: NOTIFICATION OF THE RELEASE OF DRAFT SCOPING REPORTS FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 12 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES) AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

Notice is hereby given that the Project Developer, ABO Wind renewable energies (Pty) Ltd, is proposing to develop the Kudu Solar Photovoltaic (PV) cluster, consisting of up to 12 Solar PV Facilities, associated infrastructure and Electricity Grid Infrastructure (EGI), north-east of the town of De-Aar, in the Renosterberg Local Municipality and Pixley Ka Seme District Municipality, in the Northern Cape Province. The generation capacity of each PV Facility will range from approximately 50 MWac to up to 350 MWac.

As noted below, a project Background Information Document (BID) was released for comment in June and July 2022, and at that stage a total of up to 30 projects were being proposed (i.e. 14 PV Projects and 16 EGI Projects). The number of projects has now decreased to 26 (i.e. 12 PV Projects and 14 EGI Projects).

The Solar PV Facilities (Projects 1 to 12) require Scoping and Environmental Impact Assessment (EIA) Processes. The EGI (Projects 13 to 26) will require Basic Assessment (BA) Processes or will be subjected to separate registration processes in terms of the EGI Standard (Government Gazette (GG) 47095; Government Notice (GN) 2313, dated 27 July 2022), or may require a hybrid approach depending on the sensitivities found within the EGI corridor.

The Scoping and EIA Processes for the 12 Solar PV Facilities are currently being undertaken, and the EGI projects will be considered at a later stage.

The Council for Scientific and Industrial Research (CSIR) has been appointed as the Environmental Assessment Practitioner (EAP) to undertake the required Environmental Assessments.

Separate Applications for Environmental Authorisation (EA) have been submitted to the DFFE for the proposed Solar PV Facilities. The Draft Scoping Reports for these projects are hereby released for a 30-day public comment period, which extends from 9 December 2022 to 30 January 2023 (excluding the regulated shutdown period). Refer to the attached correspondence for additional information.

The Draft Scoping Reports can be accessed as follows:

- Google Drive: <a href="https://bit.lv/KUDU\_SOLAR\_PV">https://bit.lv/KUDU\_SOLAR\_PV</a>
- Project website: <a href="https://www.csir.co.za/environmental-impact-assessment">https://www.csir.co.za/environmental-impact-assessment</a>

You are kindly requested to register your interest and submit any comments you may have on the Draft Scoping Reports to the CSIR (details are provided below and in the attached).

Please do not hesitate to contact us should you have any queries relating to the above.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

In accordance with the Protection of Personal Information Act (Act 4 of 2013), the CSIR will conduct itself responsibly when collecting, processing, storing and sharing any personal information collected for the purposes of Public Participation Processes (PPP) in terms of the 2014 NEMA EIA Regulations (as amended). By registering as an Interested and Affected Party (I&AP) and/or submitting information and comments, you consent to the collection, collation, processing, and storing of such information and the use and disclosure of such information for the aforementioned purpose (https://www.csir.co.za/csir-privacy-notice). If you would like to opt out of communications on this project, please do so by responding to this correspondence via email.

Kind Regards, Rohaida Abed

CSIR Environmental Management Services

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 4. Proof of SMS Text Messages sent to I&APs, Stakeholders and Organs of State (where cellphone numbers are available) on 9 December 2022

Copy of text included in the SMS: Dear Stakeholder, Draft Scoping Reports for the proposed Kudu Solar Facilities 1-12 near De Aar, NC are available for comment until 30 Jan 2023. Visit https://bit.ly/KUDU\_SOLAR\_PV or https://bit.ly/CSIR\_EIA to access the reports. To send comments, queries or to opt out of future communication on these projects, email ems@csir.co.za. Regards, CSIR EMS Team (https://bit.ly/CSIR\_privacy)

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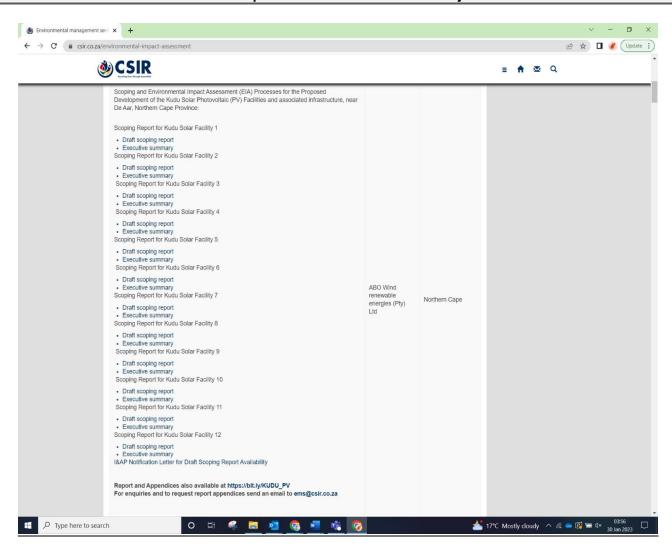
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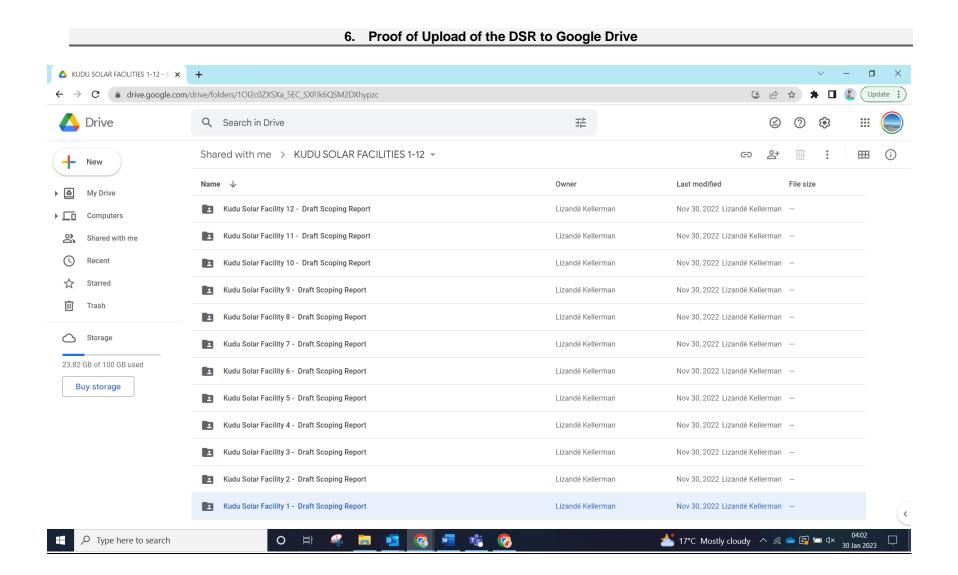
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 5. Proof of Upload of the DSR to the CSIR Project Website

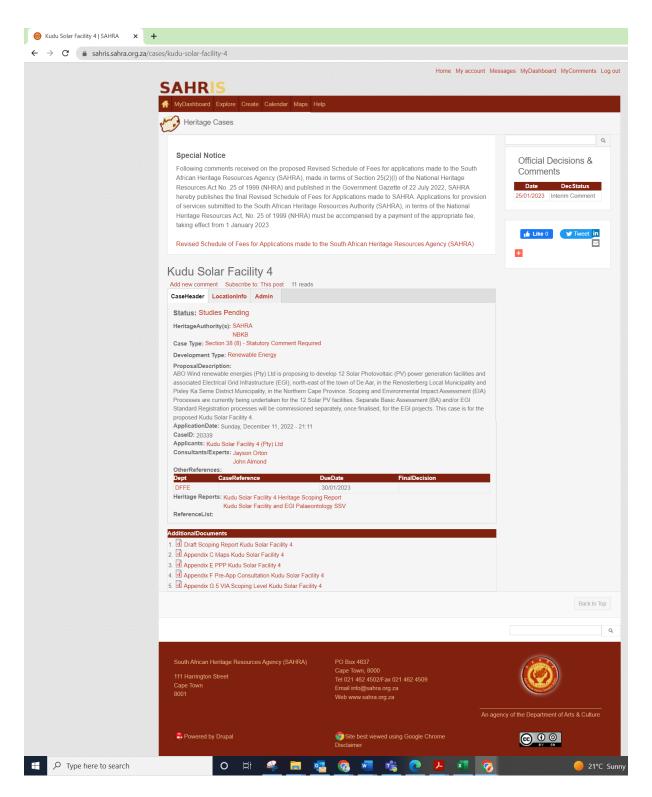


Appendix E, Page 25



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 7. Proof of Upload of the DSR to SAHRIS (Kudu Solar Facility 4)



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### 8. Proof of Courier of USBs to Libraries



## **Shipment Receipt**

#### **Shipment From**

CSR

Debbie Cloete / Rohaida Abed 11 Jan Cilliers Street

7600 STELLENBOSCH South Africa +27218882400

#### Shipment To

Philipstown Library

Station Street Church Street

8795 PHILIPSTOWN South Africa

#### Shipment Details

Shipment Date: Waybill Number: 2023-01-03

4561994021

Service Type: Packaging Type: EXPRESS DOMESTIC Flyer

Number of Pieces: Total Weight: Dimensional:

1.00kg 0.36kg 1.00kg

Chargeable: Insured Amount: Terms of Trade:

### International Information

Declared Value: Duties&taxes acct:

Dutiable Status: Estimated Del date:

Non-Dutiable Monday, 09 Jan, 2023

Promo Code:

#### **Billing Information**

Payment Type:

DHL Account Number

Billing Account:

305048439

Duties&taxes acct:

Charge Breakdown:

444.25 ZAR

Special Services:

Fuel Surcharge/Remote Area

Delivery

Charge is estimated until DHL reweigh

## Reference Information

Reference:

PO 1000811537

Pickup reference nr:

#### **Description of Contents**

USB Memory sticks

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9.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



## Shipment Receipt

## Shipment From

CSFC

Debbie Cloete / Rohalda Abad 11 Jan Ciliera Street

7600 STELLENBOSCH South Africa +27218882400

## Shipment To

PHILIPSTOWN LIBRARY
Station Street

8795 PHILIPSTOWN South Africa

Declared Value:

Dutiable Status:

Prome Code:

Duties&taxes acct:

Estimated Del date:

International Information

Church Street

## **Shipment Details**

Shipment Date;

Waybill Number: Service Type: 5796768471 EXPRESS DOMESTIC

2023-01-04

Packaging Type: Number of Pieces: Flyer 1

Total Weight: Dimensional:

1.00kg 0.36kg 1.00kg

Chargeable: Insured Amount: Terms of Trade:

## Billing Information

Payment Type:

DHL Account Number

Billing Account:

305048439 444.25 ZAR

Duties&taxes acct:

Charge Breakdown:

Special Services:

Fuel Surcharge/Remote Area Dollvery

Non-Dutiable

Monday, 09 Jan. 2023

4/8/

Charge is estimated until DHL reweigh

#### Reference Information

Referance:

PO 1000811537

Pickup reference nr:

## **Description of Contents**

U\$3 Memory sticks

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10.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



## Shipment Receipt

### Shipment From

Debbie Cloete / Rohalda Abed 11 Jan Cilliers Street

7600 STELLENBOSCH South Africa +27218882400

## Shipment To

Hennie Liebenberg Junior Library (Librarian)≯

International Information

Station Street

7000 DE AAR South Africa

Declared Value:

**Dutiable Status:** 

Promo Code:

Duties&taxes acct:

Estimated Del date:

### Shipment Details

Shipment Date:

Waybill Number:

Service Type:

Packaging Type: Number of Pieces:

Total Weight:

Dimensional: Chargeable:

Insured Amount:

Terms of Trade:

2023-01-03

5898928033

EXPRESS DOMESTIC Flyer

1 1.00kg

0.36kg 1.00kg

## Billing Information

Payment Type: Billing Account: DHL Account Number 305048439

Duties&taxes acct:

Charge Breakdown:

409.30 ZAR

Special Services:

Fuel Surcharge/Remote Area

Non-Dutlable

Monday, 09 Jan, 2023

Delivery

Charge is estimated until DHL reweigh

### Reference Information

Reference:

PO 1000811537

Pickup reference nr:

## **Description of Contents**

USB Memory sticks

11 2019 © Deutsche Post AG - All rights reserved

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Follow-Up/ Reminder Email sent to all I&APs, Stakeholders, and Organs of State on 17 January 2023

From: EMS

Sent: Tuesday, 17 January 2023 12:06

To: EMS

Subject: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Attachments: Kudu Solar\_Letter 2\_DSR Release\_General IAPs\_FINAL\_091222.pdf

Categories: This message has been archived by Retain on January 24 2023 18:56

Dear Stakeholders and I&APs

RE: REMINDER OF THE RELEASE OF THE DRAFT SCOPING REPORTS FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 12 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES) AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

Further to the email notification below, this serves as a reminder that the 30-day public comment period on the Draft Scoping Reports for the proposed 12 Solar Photovoltaic (PV) facilities (i.e. Kudu Solar Facilities) and various associated infrastructure, near De Aar, Northern Cape, as detailed below, closes on 30 January 2023.

As indicated below, the Draft Scoping Reports can be accessed as follows:

- Google Drive: <a href="https://bit.ly/KUDU\_SOLAR\_PV">https://bit.ly/KUDU\_SOLAR\_PV</a>
- Project website: <a href="https://www.csir.co.za/environmental-impact-assessment">https://www.csir.co.za/environmental-impact-assessment</a>

You are kindly requested to register your interest and submit any comments you may have on the Draft Scoping Reports to the CSIR by 30 January 2023 (details are provided below and in the attached).

Thank you to those of you that have already provided comment.

Please do not hesitate to contact us should you have any queries relating to the above.

In accordance with the Protection of Personal Information Act (Act 4 of 2013), the CSIR will conduct itself responsibly when collecting, processing, storing and sharing any personal information collected for the purposes of Public Participation Processes (PPP) in terms of the 2014 NEMA EIA Regulations (as amended). By registering as an Interested and Affected Party (I&AP) and/or submitting information and comments, you consent to the collection, collation, processing, and storing of such information and the use and disclosure of such information for the aforementioned purpose (https://www.csir.co.za/csir-privacy-notice). If you would like to opt out of communications on this project, please do so by responding to this correspondence via email.

Kind Regards, Rohaida Abed

CSIR Environmental Management Services

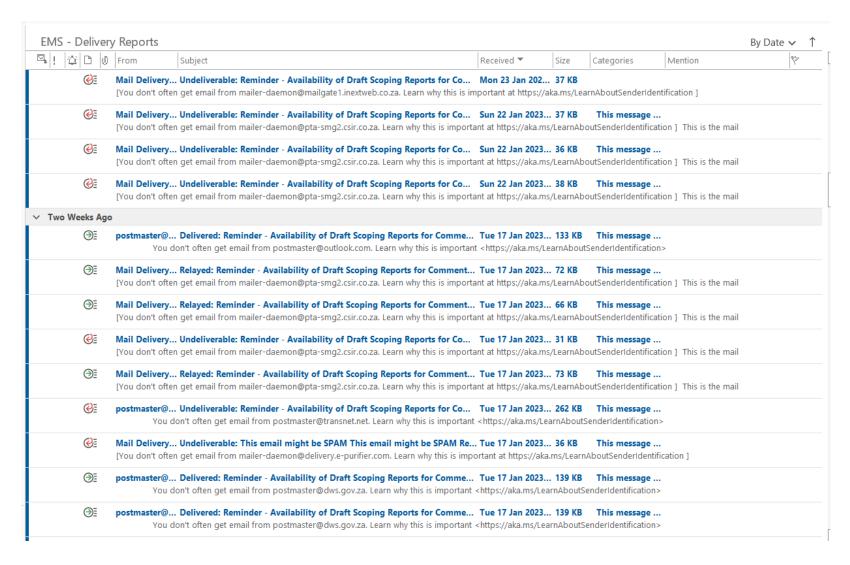
E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### 10. Proof of Delivery of Follow Up/ Reminder Email sent to all I&APs, Stakeholders, and Organs of State on 17 January 2023



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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 11. Proof of SMS Reminder Text Message sent to all I&APs, Stakeholders, and Organs of State (where cell phone numbers were available) on 17 January 2023

Copy of text included in the SMS: Dear Stakeholder, Reminder that the comment period on the Draft Scoping Reports for the proposed Kudu Solar Facilities 1-12 near De Aar, NC closes 30 Jan 2023. Visit https://bit.ly/KUDU\_SOLAR\_PV or https://bit.ly/CSIR\_EIA to access the reports. To send comments, queries or to opt out of future communication on these projects, email ems@csir.co.za. Regards, CSIR EMS Team (https://bit.ly/CSIR\_privacy)

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2023-01-17 12:51:08.0		11	Delivered to phone		2023-01-17 12:51:00.0	1625809243

created_time	msisdn	status	status_text	origin_address	delivered_time	batch_id
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 12. Personalised Reminder Email sent to key I&APs, Stakeholders and Organs of State (as determined by the DFFE) on 24 and 25 January 2023

#### Personalised Reminder Email Sent to Landowners

From:	Helen Antonopoulos
Sent:	Tuesday, 24 January 2023 10:13
То:	
Cc:	Helen Antonopoulos
Subject:	Kudu Sonfasiliteite Konsepverslae
Categories:	This message has been archived by Retain on January 31 2023 21:17

Baie dankie vir vanoggend se vriendelike gesprek!

Soos genoem, die konsepverslae en opsommings kan soos volg verkry word:

- Google Drive: <a href="https://bit.ly/KUDU\_SOLAR\_PV">https://bit.ly/KUDU\_SOLAR\_PV</a>
- Projekwebtuiste: https://www.csir.co.za/environmental-impact-assessment

Laat weet asseblief as julle enige vrae of kommentaar het oor die verslae – ons waardeer enige insette. Die kommentaarperiode eindig op 30 Januarie.

Groete Helen

From: Helen Antonopoulos

**Sent:** <u>Tuesd</u>ay, 24 January 2023 11:02

To:

Cc: EM

**Subject:** Kudu Sonfasiliteite Konsepverslae Kommentaarperiode

Categories: This message has been archived by Retain on January 31 2023 21:17

Goeie môre

Ek het vroeër vanoggend probeer geskakel i.v.m. die openbare kommentaarperiode vir die Kudu Sonfasiliteite se konsepverslae.

Die WNNR is aangestel as die onafhanklike omgewingskonsultant vir die projekte en ons wil graag vir u herinner dat die kommentaarperiode 30 Januarie 2023 sluit.

Die verslae en opsommings kan soos volg verkry word:

- Google Drive: <a href="https://bit.ly/KUDU SOLAR PV">https://bit.ly/KUDU SOLAR PV</a>
- Projekwebtuiste: https://www.csir.co.za/environmental-impact-assessment

Laat weet asseblief as u enige vrae of kommentaar het oor die verslae – ons waardeer alle insette. U is meer as welkom on ons telefonies (060 829 0202) of per e-pos te kontak.

Vriendelike groete

Helen

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the South African Heritage Resource Agency (SAHRA)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 08:57

To: Natasha Higgitt

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV -

SAHRA

Attachments: RE: Kudu Solar PV Draft Scoping Reports

Categories: This message has been archived by Retain on February 01 2023 19:00

Dear Natasha

I hope that you are well. All the best for 2023. I hope that you had a good break.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if SAHRA is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thanks for your inputs throughout this process.

Thank you and kind regards, Rohaida Abed

CSIR Environmental Management Services

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (NCDAEARDLR)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 10:07

To: Samantha De la Fontaine; elsabe.dtec; nuys.denc@gmail.com

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV -

NCDAEARDLR Comment

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day Elsabe, Samantha and Natalie

I trust that you are well. The emails below regarding the Draft Scoping Reports for the Kudu Solar Facility 1 to 12 have reference.

Please kindly let us know if the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform has any comments on the projects? If so, are you able to kindly submit these comments by 30 Jan 2023?

In addition, the National Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority for the projects, and provided the following comment on the Draft Scoping Reports:

It has been noted that activities 4, 12, 14, 18 and 23 of LN 3 have been applied for, as the "entire study area or a site fall within an Ecological Support Area (ESA) according to the Northern Cape Critical Biodiversity Area (CBA) Map (2016)". Therefore, the CA request the following to be addressed in the final report: You are advised to obtain a written confirmation from the relevant CA that there is an adopted bioregional plan to determine the applicability of the aforesaid activities.

The above listed activities have been included based on the study area and sites falling within an ESA as per the 2016 Northern Cape CBA Map, and therefore potentially triggering the following:

- Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans
- · Within critical biodiversity areas identified in bioregional plans
- Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans
- Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans
- Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans

Please could you kindly confirm via email if the 2016 Northern Cape CBA maps used would trigger the above listed activities, i.e. would serve as CBAs in 1) systematic biodiversity plans adopted by the competent authority or 2) in bioregional plans?

Please kind provide feedback on the above and if your Department has any comments on the Draft Scoping Reports.

We look forward to your feedback and thank you for your inputs thus far.

Kind Regards, Rohaida Abed

**CSIR Environmental Management Services** 

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the Air Traffic and Navigation Services (ATNS)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:32

To: Obstacles@atns.co.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if ATNS is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

## Personalised Reminder Email Sent to the Civil Aviation Authorities (CAA)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:37

To: (200; 100; 100)

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01\_2023 19:00

Dear All

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if the CAA is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards

Helen Antonopoulos

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to AgriSA

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 13:27

To: janse@agrisa.co.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if AgriSA is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

## Personalised Reminder Email Sent to Agri NC

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 13:26

To: ontvangs@agrink.co.za; bestuurder@agrink.co.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if Agri NC is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards

Helen Antonopoulos

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the Endangered Wildlife Trust (EWT)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:41

To: eia@ewt.org.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if EWT is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

## Personalised Reminder Email Sent to Birdlife SA

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:45

To: info@birdlife.org.za; spothil@gmail.com; advocacy@birdlife.org.za;

energy@birdlife.org.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if Birdlife SA is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### Personalised Reminder Email Sent to Earthlife Africa

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:48

To: seccp@earthlife.org.za; mabule@ghouse.org.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Good day

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if Earthlife Africa is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

# Personalised Reminder Email Sent to the Wildlife and Environment Society of South Africa Northern Cape

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 12:51

To: wessanc@yahoo.com

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Dear Suzanne

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if WESSA NC is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards

Helen Antonopoulos

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the Department of Human Settlement, Water and Sanitation

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 13:09

To: kgapholam@dws.gov.za; MeiM@dwa.gov.za; SchwartzC@dws.gov.za;

ranwedzim@dwa.gov.za; CloeteS@dws.gov.za; JansenMe@dws.gov.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Dear All

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if the Department of Human Settlement, Water and Sanitation is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

## Personalised Reminder Email Sent to the South African National Defence Force

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 13:22

To: [55]; [55]; [6

Subject: RE: Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01\_2023 19:00

Dear All

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if the SANDF is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to the Pixley Ka Seme District Municipality (PKSDM)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 14:23

To: dmotaung@pksdm.gov.za; pixley@telkomsa.net; mm@pksdm.gov.za;

emoffice@pksdm.gov.za; snkondeshe@pksdm.gov.za; asibeko@pksdm.gov.za;

otshekela@pksdm.gov.za; fqumba@pksdm.gov.za; idh@pksdm.gov.za

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01 2023 19:00

Dear All

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if the Pixley ka Seme District Municipality is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thank you in advance.

Kind regards Helen Antonopoulos

## Personalised Reminder Email Sent to the Renosterberg Local Municipality (RLM)

From: EMS <ems@csir.co.za>

Sent: Wednesday, 25 January 2023 13:48

To: renosterbergmun@xsinet.co.za; ; xolisam@renosterberg.gov.za;

themba@crfund.co.za;

Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01\_2023 19:00

Dear All

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if the <u>Renosterberg Local Municipality is able to</u> send us comments on the Draft Scoping Reports by 30 Jan 2023? We would also greatly appreciate it if you could please provide us with the contact information (name, email address, and cell no.) of the ward councilors, as well as the details of the Rate Payers Association (should such an association be in operation).

Thank you in advance.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Personalised Reminder Email Sent to a Renosterberg Local Municipality Councilor

From: EMS

Sent: Wednesday, 25 January 2023 13:42

To: Cc: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on February 01\_2023 19:00

Dear Cllr

I hope this email finds you well.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if you are able to send us comments on the Draft Scoping Reports by 30 Jan 2023? We would also greatly appreciate it if you could please send us the contact information of other ward councilors, as well as the details of the Rate Payers Association (should such an association be in operation).

Thank you in advance.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 13. Proof of Delivery of Personalised Reminder Email sent to key I&APs, Stakeholders and Organs of State (as determined by the DFFE) on 24 and 25 January 2023

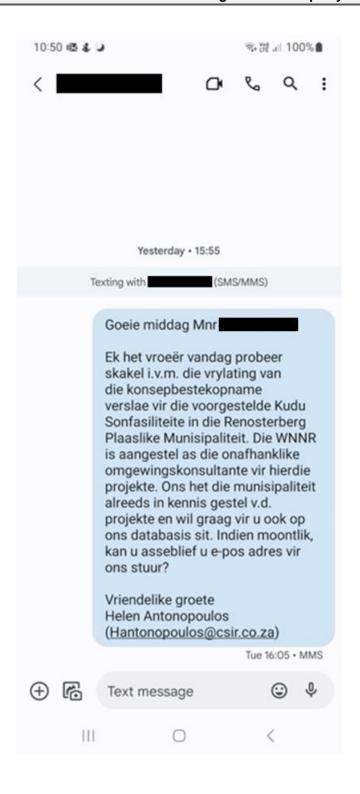
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⊕≣	postmaster@outlo Delivered: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV  You don't often get email from postmaster@outlook.com. Learn why this is important <a href="https://aka.ms/LearnAboutSender">https://aka.ms/LearnAboutSender</a>	Wed 25 Jan 2023 23:12 Identification>	137 KB	This message has bee		
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⊕≣	postmaster@outlo Delivered: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV You don't often get email from postmaster@outlook.com. Learn why this is important <a href="https://aka.ms/LearnAboutSender">https://aka.ms/LearnAboutSender</a>	Wed 25 Jan 2023 14:23	141 KB	This message has bee		
⊕≣	Mail Delivery System Relayed: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV [You don't often get email from mailer-daemon@pta-smg4.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSend	Wed 25 Jan 2023 14:23 derIdentification ] This is th		This message has bee n at host pta-smg4.csir.co.z		
<u>@</u> =	Mail Delivery System Undeliverable: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV [You don't often get email from mailer-daemon@pta-smg4.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSend	Wed 25 Jan 2023 14:23 derIdentification ] This is th		This message has bee n at host pta-smg4.csir.co.z		
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⊕≣	Microsoft Outlook Delivered: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV - NC  Your message has been delivered to the following recipients:	Wed 25 Jan 2023 14:06	101 KB	This message has bee		
⊕≣	Mail Delivery System Relayed: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV [You don't often get email from mailer-daemon@pta-smg4.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSend	Wed 25 Jan 2023 13:48 derIdentification ] This is th		This message has bee n at host pta-smg4.csir.co.z		
<u>@</u> =	Mail Delivery System Undeliverable: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV [You don't often get email from mailer-daemon@pta-smg4.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSend	Wed 25 Jan 2023 13:48 derIdentification ] This is th		This message has bee n at host pta-smg4.csir.co.z		
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 14. Proof of SMS Communication Sent to a Renosterberg Local Municipality Councilor



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 15. Proof of Communication Attempts with a Stakeholder Regarding the Visual Impacts of the Kudu Solar Facilities on their Farm Portion and Farmstead

## **Proof of Email Communication Sent on 1 February 2023**

From: Helen Antonopoulos

Sent: Wednesday, 01 February 2023 12:37

To: Cc:

FMS

Subject:

Bevestiging van plaasgedeelte i.v.m. die voorgestelde Kudu Sonfasiliteite naby

Philipstown en Petrusville

Goeie middag

Ek het vroeër vandag probeer skakel i.v.m. die voorgestelde Kudu sonplase naby Philipstown en Petrusville.

Die visuele spesialiste het bevestig dat hulle terugvoer gaan lewer op u kommentaar. Ons wil dus graag bevestig of die volgende inligting rakende u grond korrek is op ons databasis, sodat ons die visuele spesialiste kan inlig waar u grond geleë is in verhouding tot die voorgestelde projekte:

- Gedeelte 0 (RES) van Plaas Farm 197 (ook bekend as

- SG kode:

Ons wil ook graag bevestig of daar 'n plaasopstal op Vanwyngaardspan is?

U is meer as welkom om my te kontak as u enige vrae het. Sien asseblief kontakbesonderhede hieronder.

Baie dankie

Helen Antonopoulos

(Sel: 060 829 0202; E-pos hantonopoulos@csir.co.za)

Get Outlook for Android

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: EMS <ems@csir.co.za>

Sent: Wednesday, 01 February 2023 12:38

To: EMS

Subject: RE: Comment on the Kudu Solar Facilities

Good day

Thank you for your comments on the Kudu Solar Facilities, it is appreciated.

We will add your comments to the Comments and Responses Report in the Final Scoping Report, and provide responses therein

Please kindly send us a map or location file of the as well as the homestead, if possible? Thank you and

kind regards, Rohaida Abed

CSIR Environmental Management Services

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

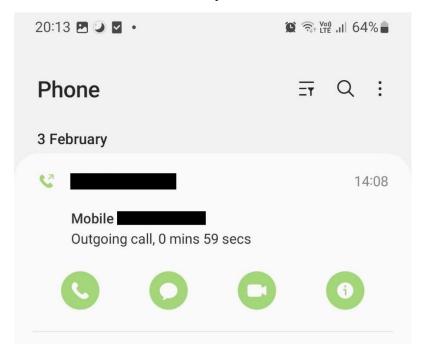
SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## **Proof of Cellular Communication Sent on 2 February 2023**



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## **Proof of Telephonic Communication on 3 February 2023**



## **Proof of Cellular Communication Sent on 4 February 2023**



Appendix E, Page 63

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 16. Read Receipts of All Email Communication to Stakeholders During the DSR Release Phase

MS - Read R	Receipts						By Date
	) From	Subject	Received ▼	Size	Categories	Mention	
Two Weeks Ag	0						
<u>⊗</u> ≣	Sharon Steyn Your message	Not read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV	Fri 27 Jan 2023 20:13	56 KB	This message has bee		
⊗≣	Jansen Melinda(UP Your message	Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV	Fri 27 Jan 2023 09:53	50 KB	This message has bee		
⊗≣	Jansen Melinda(UP Your message	Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV	Fri 27 Jan 2023 09:48	50 KB	This message has bee		
ĺ		Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender could not be verified (SPF Record)] <end></end>	Fri 27 Jan 2023 09:02	41 KB	This message has bee		
ØĒ	Sam Ralston [The e-mail server of	Read: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender failed SPF checks and maybe malicious (SPF Record)] Your message	Thu 26 Jan 2023 15:12	48 KB	This message has bee		
ĺ		Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender could not be verified (SPF Record)] <end></end>	Thu 26 Jan 2023 10:04	41 KB	This message has bee		
ĺ		. Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV mail from asibeko@pksdm.gov.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentifica	Thu 26 Jan 2023 08:38 ation ]	42 KB	This message has bee		
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ĺ		. Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender could not be verified (SPF Record)] <end></end>	Thu 26 Jan 2023 07:54	42 KB	This message has bee		
ĺ	Sonwabile Nkonde	Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV	Thu 26 Jan 2023 07:32	36 KB	This message has bee		
⊗≣		Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender could not be verified (SPF Record)] Your message	Wed 25 Jan 2023 14:19	51 KB	This message has bee		
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⊗ <u>≣</u>	Cloete Shaun	Read: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV ten get email from cloetes@dws.gov.za. Learn why this is important <a href="https://aka.ms/LearnAboutSenderIden">https://aka.ms/LearnAboutSenderIden</a>	Wed 25 Jan 2023 13:14	51 KB	This message has bee		

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۱Į:	1 D 0	From	Subject	Received ▼	Size	Categories	Mention	1
	Ø!	John Geeringh Your message	Read: [CAUTION:EXTERNAL EMAIL] - Reminder - Availability of Draft Scoping Reports for Comment	Wed 25 Jan 2023 13:12	52 KB	This message has bee		
	<b>⊗</b> I	Mmoni Suza [The e-mail server of t	Not read: Availability of Draft Scoping Reports for Comment - Kudu Solar PV the sender failed SPF checks and maybe malicious (SPF Record)] Your message	Mon 23 Jan 2023 08:28	39 KB	This message has bee		
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.9: PROOF OF SUBMISSION OF THE DSR AND APPLICATION FORM TO THE DFFE

*App. E.9/...* 

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Copy of Email sent to the DFFE for Submission of the DSR and Application Form on 9 December 2022

#### Rohaida Abed

From: Rohaida Abed

Sent: Friday, 09 December 2022 11:13

To: EIA Applications

Cc: Du Toit Malherbe; Petrus Scheepers; Rob Invernizzi; Paul Lochner; Helen Antonopoulos; Constance Musemburi; Makhosi Yeni; Mahlatse

Shubane; Olivia Letlalo; Lerato Mokoena; Wayne Hector, Jay-Jay Mpelane; Zama Langa; Nyiko Nkosi; Thembisile Hlatshwayo; Azrah Essop;

Julliet Mahlangu

Subject: Submission of EA Application Form and DSR for Comment: Kudu Solar Facility 4

Attachments: 01\_Cover Letter\_Kudu Solar Facility 4\_FINAL.pdf; Document Control Form\_Kudu Solar Facility 4.pdf; Proof of Submission\_Kudu Solar Facility

4\_DSR\_App Form.PNG

Categories: This message has been archived by Retain on December 16 2022 20:47

Good day,

SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS FOR THE PROPOSED DEVELOPMENT OF A SOLAR PHOTOVOLTAIC (PV) FACILITY (KUDU SOLAR FACILITY 4) AND ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE PROVINCE

Kindly note that an Application for Environmental Authorisation (EA) and the Draft Scoping Report, inclusive of all supporting appendices, as well as a Cover Letter for the above proposed Kudu Solar Facility 4 project has been uploaded to the Novell S-Filer system.

The Draft Scoping Report for the proposed Kudu Solar Facility 4 project is also being made available to stakeholders and registered Interested and/or Affected Parties (I&APs) for a 30-day comment period extending from 9 December 2022 to 30 January 2023 (excluding the regulated shutdown period).

Please note that a pre-application meeting took place with the Competent Authority, the National Department of Forestry, Fisheries and the Environment (DFFE) on 26 April 2022 (Reference Number: 2022-04-0005), in order to discuss and agree on various aspects with the DFFE prior to release of the Draft Scoping Report. Refer to Appendix 1 of the Application for EA for the proof of such correspondence, as well as Appendix F of the Draft Scoping Report.

The proposed project forms part of a cluster of twelve (12) Solar Facilities (i.e. Kudu Solar Facility 1 to Kudu Solar Facility 12) and are located on adjoining farm portions.

Separate Applications for EA and Draft Scoping Reports for each project have been compiled and are being uploaded to the system in parallel (separate emails are being sent for these).

The relevant DFFE officials have been copied on this email.

This submission is in line with the "Process for Submitting files to the CD IEA\_082022" document. To this end, please find attached to this email:

- Cover Letter to DFFE regarding submission of the Draft Scoping Report for the abovementioned project;
- Proof of upload of the Application for EA, Draft Scoping Report and Appendices (i.e. Screenshot of the upload); and
- Document Control Form.

Kindly note that the Cover Letter is also included as part of the zipped folder uploaded

We trust that you find this submission in order, and we look forward to your feedback.

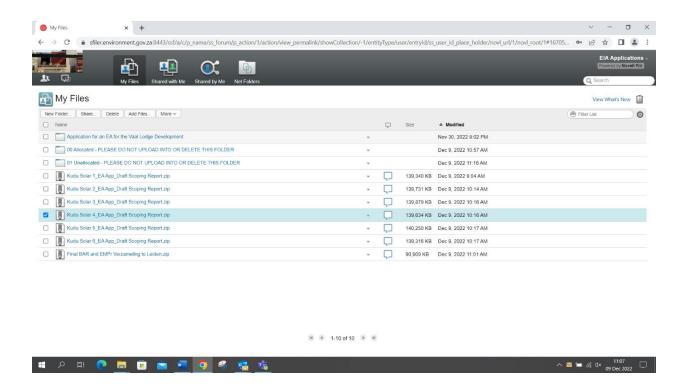
Please do not hesitate to contact us should you have any queries relating to the above.

Thank you and kind regards, Rohaida



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 2. Proof of Upload of the DSR to the DFFE Novell S-Filer on 9 December 2022



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.10: COMMENTS RECEIVED FROM STAKEHOLDERS DURING THE 30-DAY REVIEW OF THE DSR

App. E.10/...

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Comments Received from the Department of Forestry, Fisheries and the Environment (DFFE)

## 1.1 The DFFE Directorate: Integrated Environmental Authorisation: Kudu Solar Facility 4

From: Ephron Maradwa <EMaradwa@dffe.gov.za>

Sent: Friday, 09 December 2022 14:41

To: Rohaida Abed

Cc: Azrah Essop; ElAadmin; Salome Mambane

Subject: 14/12/16/3/3/2/2247

Categories: This message has been archived by Retain on December 16 2022 20:46

Dear Rohaida

14/12/16/3/3/2/2247

ACKNOWLEDGEMENT OF RECEIPT OF THE NEW APPLICATION AND DRAFT SCOPING REPORT FOR ENVIRONMENTAL AUTHORISATION FOLLOWING A SCOPING ASSESSMENT PROCESS FOR THE PROPOSED DEVELOPMENT OF A SOLAR PHOTOVOLTAIC (PV) FACILITY (KUDU SOLAR FACILITY 4) AND ASSOCIATED INFRASTRUCTURE, NEAR DE AAR. NORTHERN CAPE PROVINCE.

The Department confirms having received the Application form and Draft Scoping Report for Environmental Authorisation for the abovementioned project on 09 December 2022. You have submitted these documents to comply with the Environmental Impact Assessment (EIA) Regulations, 2014, as amended.

Kindly note that your application for Environmental Authorisation falls within the ambit of an application applied for in terms of Part 3 of Chapter 4 of the EIA Regulations, 2014, as amended. You are therefore referred to Regulation 21 of the EIA Regulations, 2014 as amended.

Please take note of Regulation 40(3) of the EIA Regulations, 2014, as amended, which states that potential Interested & Affected Parties, including the Competent Authority, may be provided with an opportunity to comment on reports and plans contemplated in Regulation 40(1) of the EIA Regulations, 2014, as amended, prior to the submission of an application but must be provided an opportunity to comment on such reports once an application has been submitted to the Competent Authority.

Note that in terms of Regulation 45 of the EIA Regulations, 2014, as amended, this application will lapse if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014, as amended.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Kindly quote the abovementioned reference number in any future correspondence in respect of the application.

EIA Applications

Integrated Environmental Authorisations

Department of Forestry, Fisheries and the Environment

Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to EIAadmin@dffe.gov.za.

You are advised that this mailbox has a 48 hour response time.

Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Lydia Kutu < LKutu@dffe.gov.za> Sent: Friday, 20 January 2023 09:40

To: Paul Lochner <PLochner@csir.co.za>; Rohaida Abed <RAbed@csir.co.za>; Du Toit Malherbe <du-

toit.malherbe@abo-wind.com>; Petrus.Scheepers@abo-wind.com

Cc: Azrah Essop <AEssop@dffe.gov.za>; EIAadmin <EIAadmin@dffe.gov.za>

Subject: 14/12/16/3/3/2/2247

You don't often get email from <a href="mailto:lkutu@dffe.gov.za">lkutu@dffe.gov.za</a>. <a href="mailto:lkutu@dffe.gov.za">Learn why this is important</a>

Good day.

Please find herein the attached letter for the above mentioned.

Please do not respond to this mailbox with any queries related to the decision been issued. All queries on the attached decision must be directed to official whose contact details is listed as enquiries.

I hope you find all in order.

Thank you.

Kind Regards, Lydia Kutu Integrated Environmental Authorisations: Priority Infrastructure Developments Tel: (012) 399 9370

Email: LKutu@dffe.gov.za

To God be the Glory!!!

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



Private Bag X 447: PRETORIA 0001: Environment House 473 Steve Biko Road, Arcadia, PRETORIA

DFFE Reference: 14/12/16/3/3/2/2247 Enquiries: Ms Azrah Essop Telephone: (012) 399 8529 E-mail: AEssop@dffe.gov.za

Mr Paul Lochner Council for Scientific and Industrial Research (CSIR) PO Box 320 STELLENBOSCH 7599

Telephone Number: Email Address:

PLochner@csir.co.za

RAbed@csir.co.za

PER MAIL / E-MAIL

Dear Mr Lochner

COMMENTS ON THE DRAFT SCOPING REPORT (DSR) FOR THE PROPOSED DEVELOPMENT OF AN UP TO 50MWac SOLAR PHOTOVOLTAIC (PV) FACILITY (KUDU SOLAR FACILITY 4) AND ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE PROVINCE

The Application for Environmental Authorisation and DSR dated December 2022 and received and acknowledged by the Department on 9 December 2022, refer.

This letter serves to inform you that the following information must be included to the final SR:

## 1. Competent Authority

Clarify the reason for this department being the competent authority in terms of S24C of NEMA. This must be expanded on and updated in the application form.

## 2. Listed Activities

- a) It is noted that the proposed solar facility does not fall within any renewable energy development zones.
- b) Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure (including thresholds) as described in the project description. Only activities (and sub-activities) applicable to the development must be applied for and assessed.
- c) Activity 11 LN1: clarify whether the IPP substation will be included as part of the application for the PV or as a separate application in terms of the EGI standard. The IPP substation may be included as part of the PV application, should the applicant wish to include it.
- d) It is imperative that the relevant authorities are continuously involved throughout the environmental impact assessment process, as the development property possibly falls within geographically designated areas in terms of Listing Notice 3 Activities. Written comments must be obtained from the relevant authorities (or proof of consultation if no comments were received) and

wh

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## Chief Directorate: Integrated Environmental Authorisations

- submitted to this Department. In addition, a graphical representation of the proposed development within the respective geographical areas must be provided.
- e) If the activities applied for in the application form differ from those mentioned in the final SR (FSR), an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <a href="https://www.dffe.gov.za/documents/forms">https://www.dffe.gov.za/documents/forms</a>.

## 3. Layout & Sensitivity Maps

- a) Please provide a layout map which indicates the following:
  - · the PV development area;
  - Position of all infrastructure e.g. panels, BESS, substations, grid connection etc.;
  - · Permanent laydown area footprint;
  - All supporting onsite infrastructure e.g. roads (existing and proposed);
  - Substation(s) and/or transformer(s) sites including their entire footprint;
  - Connection routes (including pylon positions) to the distribution/transmission network; and
  - All existing infrastructure on the site.
  - The location of sensitive environmental features on site e.g., CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
  - · Buffer areas; and
  - All "no-go" areas.
- b) The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure. All available biodiversity information must be used in the finalisation of the map and infrastructure must not encroach on highly sensitive areas as far as possible.
- c) Ensure that similar colours are not used to differentiate between infrastructure. i.e. items must be easily distinguishable in the Legend.
- d) Google maps will not be accepted for decision-making purposes.

#### 4. Public Participation Process

- Please ensure that all issues raised, and comments received on the DSR from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity Section: <a href="mailto:BCAdmin@dffe.gov.za">BCAdmin@dffe.gov.za</a>) in respect of the proposed activity are adequately addressed in the FSR. Proof of correspondence with the various stakeholders must be included in the FSR. Should you be unable to obtain comments, proof must be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of the approved public participation plan and Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.
- b) A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments (pre and post submission of the draft SR) for this development. The C&R report must be a separate document from the main report and the format must be in the table format which reflects the details of the I&APs and date of comments received, actual comments received, and response provided. Please ensure that comments made by I&APs are comprehensively captured (copy verbatim if required) and responded to

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### Chief Directorate: Integrated Environmental Authorisations

clearly and fully. Please note that a response such as "Noted" is not regarded as an adequate response to I&AP's comments.

## 5. Specialist Assessments to be conducted in the EIA Phase

- a) Ensure that the avifaunal assessment consults the guideline: "BirdLife South Africa. 2017. Birds & Solar Energy: Guidelines for assessing and monitoring the impact of solar power generating facilities on birds in Southern Africa (compiled by Jenkins AR, Ralston-Paton S and Smit-Robinson HA)."
- b) Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of PV arrays, and all other associated infrastructures that they have assessed and are recommending for authorisations.
- c) The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- d) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defendable reasons; and were necessary, include further expertise advice.
- e) It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. Please note that specialist assessments must be conducted in accordance with these protocols.
- f) Additionally, the protocols specify that an assessment must be prepared by a specialist who is an expert in the field and is SACNASP registered for e.g.an aquatic assessment must be prepared by a specialist registered with SACNASP, with expertise in the field of aquatics sciences.
- g) The screening tool output:
  - The screening tool and the gazetted protocols (GN R320 of 20 March 2020 and GN R 1150 of 30 October 2020) require a site sensitivity verification to be completed to either confirm or dispute the findings and sensitivity ratings of the screening tool.
  - Site sensitivity verifications for all the identified specialist studies (according to the screening tool) must be provided.
  - The screening tool (Application form) identifies thirteen (13) Specialist assessments. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation. The site sensitivity verification for each of the recommended studies, as per the protocols, must be compiled and attached. If the findings of the site verification differed from the screening tool and was found to be of a different sensitivity level, then a compliance statement would be acceptable.
  - Please include a table in the report, summarising the specialist studies required by the
    Department's Screening Tool, a column indicating whether these studies were conducted and
    a column with motivation for any studies not conducted. Please note that if any of the
    specialists' studies and requirements/protocols recommended in the Department's Screening
    Tool are not commissioned, motivation for such must be provided in the report per the
    requirements of the Protocols.

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

#### Chief Directorate: Integrated Environmental Authorisations

h) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defendable reasons; and were necessary, include further expertise advice.

## 6. Environmental Management Programme

The EMPr must include the following:

- a) It is drawn to your attention that for <u>substation and overhead electricity transmission and distribution infrastructure</u>, when such facilities trigger activity 11 or 47 of the Environmental Impact Assessment Regulations Listing Notice 1 of 2014, as amended, and any other listed and specified activities necessary for the realisation of such facilities, the Generic Environmental Management Programme, must be used and submitted with the final report over and above the EMPr for the facility i.e. separate EMPr for the substation, powerline and the facility.
- b) Further to the above, you are required to comply with the content of the EMPr in terms of Appendix 4 of the Environmental Impact Assessment Regulations, 2014, as amended.

#### General

You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:

"If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a SR which has been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority"

You are are further reminded that the FSR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of SRs in accordance with Appendix 2 and Regulation 21(1) of the NEMA EIA Regulations 2014, as amended.

Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely

Mr Vusi Skosana

Acting Chief Director: Integrated Environmental Authorisations

Department of Forestry, Fisheries & the Environment

Letter signed by: Mr Wayne Hector

**Designation: Deputy Director: Priority Infrastructure Projects** 

Date: 20/01/23

CC:	Du Toit Malherbe	Kudu Solar Facility 4 (Pty) Ltd	Email: Du-Toit.Malherbe@abo-wind.com
	Petrus Scheepers	Kudu Solar Facility 4 (Pty) Ltd	Email: Petrus.Scheepers@abo-wind.com
	Natalie Uys	NC: DALRRD	Email: nuys.denc@gmail.com

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 1.2 The DFFE Directorate: Biodiversity Conservation

From: Kamogelo Mathetja < KMathetja@dffe.gov.za>

Sent: Monday, 12 December 2022 17:05

To: EMS

Cc: Portia Makitla; Mashudu Mudau

Subject: RE: Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on December 19 2022 18:52

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs P Makitla and Ms M Mudau (Both copied on this email).

Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota

Regards, Kamogelo

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

 From:
 BC Admin <bcadmin@dffe.gov.za>

 Sent:
 Tuesday, 17 January 2023 15:42

To: EMS

Cc: Kamogelo Mathetja

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on January 24 2023 18:51

Good day Rohaida.

Thank you for the reminder, kindly note the aforementioned project is still under review and we will be providing comments within the legislative timeframe (latest by 30/01/2023).

Thanks & Regards, Mashudu Mudau

Biodiversity Mainstreaming & EIA
Department of Forestry, Fisheries and the Environment
Environment House
473 Steve Biko and Soutpansberg Streets
PRETORIA

Tel: (012) 399 9945

Tel: (012) 399 9945 Cell:

E-mail: mamudau@dffe.gov.za



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

 From:
 Portia Makitla < PMakitla@dffe.gov.za >

 Sent:
 Tuesday, 31 January 2023 15:15

To: EMS

Cc: Mashudu Mudau

Subject: Draft Scoping Reports for Comment - Kudu Solar PV

Attachments: Kudu PV 1 DSR Comments\_.pdf

Good day

Please find the attached comments for your consideration.

Thanks & Regards

Ms. Mashienyane Portia Makitla
CBO: Biodiversity Mainstreaming & EIA

Department of Forestry, Fisheries and the Environment

**Environment House** 

473 Steve Biko and Soutpansberg Streets

PRETORIA

Tel: (012) 399 9411 Cell:

E-mail: pmakitla@dffe.gov.za Call Centre: 086 111 2468



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



Private Bag X 447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, Tel: +27 12 399 9000, Fax: +27 86 625 1042
Reference: Kudu Solar Facilities
Enquiries: Ms. Mashudu Mudau
Telephone: 012 399 9411 E-mail: pmakitla@dffe.gov.za

Rohaida Abed Exigent Engineering Consultants CC P.O. Box 59081 Umbilo DURBAN 4075

Telephone Number: +27 31 242 2300 Email Address: ems@csir.co.za

PER E-MAIL

Dear Sir/Madam

COMMENTS ON THE DRAFT SCOPING REPORT PROPOSED DEVELOPMENT OF THE PROPOSED DEVELOPMENT OF 12 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES) AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

The Directorate: Biodiversity Conservation has reviewed and evaluated the reports and does not have any objection to the Scoping Report and the Plan of Study, however, must comply with the procedures for the assessment and minimum criteria for reporting on identified environmental themes in terms of sections 24(5)(A) and (H) and 44 of the National Environmental Management Act, 1998.

The final report must comply with all the requirements as outlined in the Environmental Impact Assessment (EIA) guideline for renewable energy projects and the Best Practice Guideline for Birds & Solar Energy for assessing and monitoring the impact of solar energy facilities on birds in Southern Africa.

In conclusion, the Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; BCAdmin@dffe.gov.za for the attention of Mr. Seoka Lekota.

Yours faithfully

MATE

Mr. Seoka Lekota Control Biodiversity Officer Grade B: Biodiversity Conservation



Batho pele- putting people first.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

The Proposed Development Of 12 Solar Photovoltaic (Pv) Facilities (I.E. Kudu Solar Facilities) And Various Associated Infrastructure, Near De Aar, Northern Cape

Department of Forestry, Fisheries & the Environment Letter signed by: Portia Makitla

Date: 30/01/2023

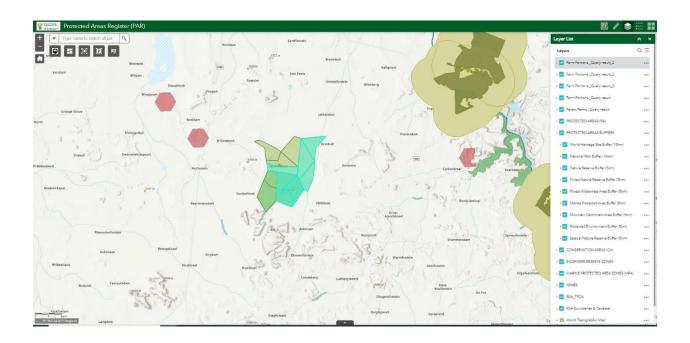


SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 1.3 The DFFE Directorate: Protected Areas Planning and Management Effectiveness

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From: Sent: To: Cc: Subject:	Thivhulawi Nethononda <tnethononda@dffe.gov.za> Tuesday, 24 January 2023 09:05 EMS Karl Naude; Lindokuhle Vilakati Comments on the Draft Scoping Reports for Comment - Kudu Solar PV</tnethononda@dffe.gov.za>			
Attachments:	Protected Areas and NPAES.PNG			
Categories:	This message has been archived by Retain on January 31 2023 21:17			
Dear CSIR Team,				
The Directorate: Protected Areas Planning and Management Effectiveness, would like to thank you for the opportunity to review the Scoping Report and supporting documents for the proposed development of 12 solar photovoltaic (PV) facilities (i.e., Kudu solar facilities) and various associated infrastructure, near De Aar, Northern Cape.				
After conducting the review of the submitted documents, we have noted that the proposed developments will not take place within any kind of protected areas in terms of Section 9 of the National Environmental Management: Protected Areas Act (NEMPAA), Act No. 57 of 2003. Subsequently, this directorate provides comments or input on the projects which are affecting the protected areas.				
However, the EAP must consult and get comments (if not yet consulted) from the Biodiversity and Conservation Directorate of the Department of Forestry, Fisheries and the Environment (DFFE) which can be contacted at <a href="mailto:BCAdmin@environment.gov.za">BCAdmin@environment.gov.za</a> for the attention of Mr. Seoka Lekota. Further, also notify the provincial departments, local municipality, and other associated entities for comments.				
Kind Regards,				
Thivhulawi				

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



From: Thivhulawi Nethononda < TNETHONONDA@dffe.gov.za>

Sent: Wednesday, 18 January 2023 12:07
To: Lindokuhle Vilakati < LVilakati@dffe.gov.za >

Subject: FW: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Please review the attached documents

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

# 2. Comments received from the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform

From: Sent: To: Subject:	Natalie Uys <nuys.denc@gmail.com> Wednesday, 25 January 2023 13:31 EMS Re: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV - NCDAEARDLR Comment</nuys.denc@gmail.com>
Categories:	This message has been archived by Retain on February 01 2023 18:59
Good afternoon Rohaida	
Thank you for your email. We wil Ito the developments, could you	I reply to your question. please provide me with the spatial kml/ gis file of the site
From: EMS <ems@csir.co.za> Date: Wed, 25 Jan 2023 at 14:05 Subject: RE: Reminder - Availabi To: Natalie Uys <nuys.denc@gm <ems@csir.co.za="" cc:="" ems=""></nuys.denc@gm></ems@csir.co.za>	lity of Draft Scoping Reports for Comment - Kudu Solar PV - NCDAEARDLR Comment
Dear Natalie	
Thanks very much for your reply	, it is appreciated.
Please see attached a KMZ of th	e study area for the 12 Kudu Solar Facilities.
We look forward to your feedba	ack on the query below and whether the Department has any comments.
Thanks and kind regards,	
Rohaida	

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Natalie Uys <nuys.denc@gmail.com>
Sent: Natalie Uys <nuys.denc@gmail.com>

To: EMS Cc: elsabe.dtec

Subject: Re: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV -

NCDAEARDLR Comment

Attachments: Comments\_Kudu\_DSR\_NU.pdf

Dear Rohida

My sincere apologies for the delay in my reply. I am still catching up on all the work and emails since being back from maternity leave.

Our EO who deals with the Pixley comments has left the department and it is currently just me giving comments on all the developments.

Please find attached general comments for your consideration on the proposed developments

I.t.o. your question regarding the CBA map, the CBA map has been adopted by our department as an environmental tool.

Best regards Natalie

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



agriculture, environmental affairs, rural development and land reform

Department: agriculture, environmental affairs, rural development and land reform , NORTHERN CAPE PROVINCE REPUBLIC OF SOUTH AFRICA

#### Environmental Research and Development (ERD)

90 Long Street, Kimberley, Northern Cape, South Africa, 8300, Tel: (053) 807 7300 E-mail: nuys.denc@gmail.com, web: www.agrinc.gov.za

Date:	2 February 2023	File:	
To:	ems@csir.co.za	From:	N Uys
Subject: Availability of Draft Scoping Reports for Comment - Kudu Solar PV			

#### Rohaida Abed

CSIR Environmental Management Services ems@csir.co.za

P.O. Box 59081, Umbilo, Durban, 4075 Tel: 031 242 2300

Fax: 031 261 8172

## RE: Availability of Draft Scoping Reports for Comment - Kudu Solar PV

- 1. Please take note that these are general comments relating to the development footprint. Our capacity is severely limited at this stage to work through all the 12 x Kudu PV draft scoping reports and their appendices. In light of the before mentioned, would it be possible for you to please provide an overview document / presentation from the next phase of the project from results from the EIA studies showing environmental sensitivities and new layouts.
- 2. Please include Birdlife South Africa and Endangered Wildlife Trust (EWT) in your stakeholder list.
- I.t.o. the question asked regarding the CBA, the Northern Cape Critical Biodiversity Areas Map has been accepted by the department as an environmental tool. The province currently does not have any bioregional plans.
- 4. Fauna and flora permits will be needed from the department for handling/ removing/ relocating/ destroying all specially protected and protected flora and fauna. Estimated numbers for species that need to be removed must be provided for permit approval.
- Boscia albitrunca is protected under both the National Forest Act and under the Northern Cape Nature Conservation
   Act. Estimated densities must be calculated or the actual number of trees to be removed must be provided for permit
   purposes. Contact person for DFFE Forestry in the Northern Cape is Jacoline Mans, <u>Jmans@dffe.gov.za</u>.
- Please take note that Olea europaea subsp. africana is a protected tree under the Northern Cape Nature Conservation.

  Act
- Alien and invasive species management must be done throughout the lifetime of the projects. Please take note that
  cacti species such as Opuntia spp cannot dumped at general waste sites without prior treatment (drying/ chemical).
  Please liaise with Dr Thabiso Mokotjomela, 073 324 6118, <a href="mokotjomela@sanbi.org.za">mokotjomela@sanbi.org.za</a>, on the management and
  disposal of cacti.
- The availability of foundational and baseline data for the Northern Cape is limited and as a result the Screening Tool
  has limitations and shortcomings when assessing impacts for this area. Proper site surveys are for that reason critically
  important and always recommended.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

- The initial vegetation map generated for the site reflects the limitations as mentioned before reflecting the gaps in the National Vegetation Map.
- 10. The 1km around the Verreaux eagle nests are questioned in light of the associated power lines that will be constructed for the each of these PV developments. It is recommended that habitat fragmentation must be looked at during the assessment for this species. Verreaux eagle habit mapping is also recommended. Please liaise with Birdlife South Africa in this regard, contact person Samantha Ralston-Paton, energy@birdlife.org.za.
- 11. I.t.o. the terrestrial biodiversity please assess, mitigate and make provision for in the EMPR the following:
  - Please take note that tortoise populations are affected by the following:
    - i. electrocutions with electric fences.
    - ii. predations by crows (relates to waste management).
  - b. Giant bull frogs were found in De Aar area in pans after the recent rains. Most of the injuries and mortalities to this species occurs from collision with vehicles when moving between their breeding sites (pans) and their burrows. Their burrows can range from 200m to 1km from the pans and they are capable of estivating underground for 7 years. Herbicide and pesticide use should also be restricted near the sites (Yetman, undated). Please liaise with EWT in this regard.
  - c. The following are concerns i.t.o. of the cumulative footprint of the 12 x PV's and should be assessed:
    - i. The heat island effect (local warming, impacts on reptiles etc.).
    - ii. Lake effect on birds (mortalities and injuries on birds) as the site is located in an Important Bird Area.
    - iii. Lake effect on insects (e.g. insects have been lying eggs on panels instead of pans).
    - iv. Insect mortalities (security lights at these sites at night attract insects).
    - v. Bat impacts (bats are attracted to by the security lights). Various bat species have been recorded around Vanderkloof and in De Aar.
- 12. In the EMPR, please make provision for the correct disposal and possible recycling of PV panels during construction, operation and closure phases. There have been cases in the past were broken panels arrived at the construction sites that were illegally disposed at a site in a burrow pit.

Yours sincerely

NIIVe

PRODUCTION SCIENTIST GRADE A: BOTANIST

ACTING SCIENTIFIC MANAGER GR B: RESEARCH AND DEVELOPMENT SUPPORT

Kudu PV DSR Page 2 of 2

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: EMS

Sent: Thursday, 02 February 2023 09:06

To: Natalie Uys
Cc: elsabe.dtec; EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV -

NCDAEARDLR Comment

Hi Natalie

I hope that you are well.

I appreciate your time and inputs into the Kudu DSR considering your work load. Thank you very much.

We will add your comments into the Comments and Responses Report and respond accordingly.

Thanks for your feedback on the legal status of the CBA Map and its implications for Listing Notice 3.

Your comment notes "I.t.o. the question asked regarding the CBA, the Northern Cape Critical Biodiversity Areas Map has been accepted by the department as an environmental tool. The province currently does not have any bioregional plans".

The majority of the activities that we included in the application relate to "systematic biodiversity plans adopted by the competent authority or in bioregional plans".

So now based on your comment, the bioregional plan does not apply. But since the CBA Map has been accepted by the Department, then it would meet the definition below in LN3 regarding systematic biodiversity plans? Is this correct? Therefore, the relevant triggers we have included in LN3 regarding CBAs and ESAs would still apply?

"systematic biodiversity plan" is a plan that identifies important areas for biodiversity conservation, taking into account biodiversity patterns (i.e. the principle of representation) and the ecological and evolutionary processes that sustain them (i.e. the principle of persistence). A systematic biodiversity plan must set quantitative targets/thresholds for aquatic and terrestrial biodiversity features in order to conserve a representative sample of biodiversity pattern and ecological processes;

Apologies for this last query.

We look forward to your feedback.

Kind Regards, Rohaida

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Natalie Uys <nuys.denc@gmail.com>
Sent: Friday, 03 February 2023 16:34

To: EMS Cc: elsabe.dtec

Subject: Feedback: NC CBA map - Systematic biodiversity plan L3

Dear Rohieda

Thank you for the consideration of our comments.

I had to double check our documents and liaise with our biodiversity planner regarding your question, therefore delay in my reply.

You provided the following definition from L3:

"systematic biodiversity plan" is a plan that identifies important areas for biodiversity conservation, taking into account biodiversity patterns (i.e. the principle of representation) and the ecological and evolutionary processes that sustain them (i.e. the principle of persistence). A systematic biodiversity plan must set quantitative targets/thresholds for aquatic and terrestrial biodiversity features in order to conserve a representative sample of biodiversity pattern and ecological processes;"

Our CBA map was signed off by the head of the department as an "instrument for informing decisions and priorities on biodiversity". Based on the above definition of a systematic biodiversity plan, our CBA map meets both the criterias as important biodiversity areas were identified and targets for both terrestrial and freshwater systems were determined (Holness & Oosthuysen, 2016). Thus, the triggers we mentioned for LN3 regarding CBAs and ESAs would still apply.

Best regards

Natalie

## Reference:

Holness, S., & Oosthuysen, E. (2016). Critical Biodiversity Areas of the Northern Cape: Technical Report.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 3. Comments received from Eskom

From: John Geeringh < GeerinJH@eskom.co.za>

Sent: Tuesday, 17 January 2023 12:45

To: EMS <ems@csir.co.za>

Subject: RE: [CAUTION:EXTERNAL EMAIL] - Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Please send me KMZ files of the affected properties, proposed layouts and proposed grid connection. Please find attached Eskom requirements for work at or near Eskom infrtructure and servitudes, as well as a renewable energy setbacks guideline.

## Kind regards

John Geeringh (Pr Sci Nat) Reg. EAP (EAPASA) Senior Consultant Environmental Management Grid Planning: Land and Rights Eskom Transmission Division Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton. P O Box 1091, Johannesburg, 2000.

Tel: Cell: Fax: 086 661 4064

E-mail: john.geeringh@eskom.co.za

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## TO WHOM IT MAY CONCERN

## Eskom requirements for work in or near Eskom servitudes.

- 1. Eskom's rights and services must be acknowledged and respected at all times.
- 2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
- 3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
- 4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
- 5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
- 6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
- 7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
- 8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
- 9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.
- 10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.

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- 11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
- 12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15* of the *Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).*
- 13. Equipment shall be regarded electrically live and therefore dangerous at all times.
- 14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
- 15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
- 16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
- 17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)(EAPASA)
Senior Consultant Environmental Management
Eskom Transmission Division: Land & Rights
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.

Tel: Cell: Fax: 086 661 4064

E-mail: john.geeringh@eskom.co.za

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

€Skom	SCOT			Technology
Title: Renewable Energy Generation Plant Setbacks to Eskom		Unique Identifier:		240-65559775
Infrastructure		Alternative Reference Number:		N/A
				Power Line Engineering
		Documentation Type:		Guideline
		Revision:		2
		Total Pages:		9
		Next Review Date:		N/A
		Disclosure Classification	on:	CONTROLLED DISCLOSURE
Compiled by	Approved by A		Authori	sed by
Chy	84	6490		. 15
J W Chetty	B Ntshu	untsha	R A Vaj	eth
Mechanical Engineer	Chief E	Chief Engineer (Lines)		nager (Lines) and SC/ Chairperson
Date: .15 / 09 / 2020	Date:	30/10/2020		0/10/2020

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## **EXECUTIVE SUMMARY**

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies proposed setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

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## 1. INTRODUCTION

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure and future expansion of infrastructure (lines and substation) as per the long term planning scenario.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted. All renewable energy developments are approved by The Department of Environmental Affairs, Forestry and Fisheries (DEFF) in terms of NEMA. The DEFF is aware of the setbacks guideline, however they cannot use it in terms of decision making since the setbacks document has no legal standing in SA and it would be outside of their mandate who have been advised to follow the guidelines herein.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation and possible expansion of substations.

## 2. SUPPORTING CLAUSES

## 2.1 SCOPE

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. Although it is not based on any legislative requirement, it is deemed important that Eskom's infrastructure and future network expansion planning is not impeded. The document specifies proposed setback distances for transmission lines (220 kV to 765 kV), distribution lines

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(66 kV to 132 kV) and all Eskom substations. Proposed setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

## 2.1.1 Purpose

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations and possible future substation expansion.

## 2.1.2 Applicability

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations and in line of site between Eskom telecommunication infrastructure, including future Eskom renewable energy development.

## 2.2 NORMATIVE/INFORMATIVE REFERENCES

#### 2.2.1 Normative

- 1. <a href="http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+">http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+</a> EMD.pdf.
- 2. http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF
- 3. <a href="http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm">http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Ord.htm</a>
- 4. http://www.dsireusa.org/incentives/incentive.cfm?Incentive Code=PA11R&RE=1&EE=1
- http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/
- 6. http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html
- 7. <a href="http://www.caw.ca/assets/pdf/Turbine">http://www.caw.ca/assets/pdf/Turbine</a> Safety Report.pdf
- Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards.
   Wind energy 10.1002/we.468

## 2.2.2 Informative

None

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## 2.3 DEFINITIONS

Definition Description		
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.	
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows	
Tip Height The total height of the wind turbine ie. Hub height plus half r diameter (see Figure1)		

## 2.3.1 Disclosure Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

## 2.4 ABBREVIATIONS

Abbreviation	Description
None	

## 2.5 ROLES AND RESPONSIBILITIES

All parties involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations should endeavour to follow the setbacks outlined in this guideline.

## 2.6 PROCESS FOR MONITORING

Agreement by Eskom in writing on any encroachment of the setbacks distance should be requested via the Grid Access Unit. Eskom should ensure that every application for renewable energy (RE) developments are informed about the existence of the setbacks document early in the RE planning process to ensure maximum effect. This includes Eskom RE development.

## 2.7 RELATED/SUPPORTING DOCUMENTS

None

## 3. DOCUMENT CONTENT

## 3.1 INTERNATIONAL SETBACK COMPARISON

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects as well as

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future network expansion planning. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [5.0x10<sup>-5 [8]</sup>], the distances recorded were significant [750m [8]]

Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors influence the wind turbine setbacks specified in this document.

Setbacks were thus introduced to prevent any damage to Eskom infrastructure and impedance to operation and future network expansion planning.

Renewable energy plant can also limit access into substations for power lines of all voltages. A setback distance should therefore be employed to prevent substations from being boxed in by these generation plants and preventing future network expansion. These setback distances are specified in this document.

#### 3.2 ESKOM RECOMMENDED SETBACKS

Any renewable energy applicant should engage with Eskom to determine if their plant layout or positioning of turbines, CSP or PV infrastructure would encroach on the proposed setbacks provided for in this guideline and to ensure that their planning and Eskom's future expansion planning is taken into account. Eskom must inform all renewable energy developers, including Eskom RE, of the existence of the setbacks guideline early in the development process. Should there be an encroachment, a formal request should be sent to and accepted by Eskom in writing if any of the below mentioned setback distances are infringed upon:

- Eskom requests a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines (220kV to 765kV) and Substations.
- Eskom requests a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution lines (66 kV to 132 kV) and Substations.

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- A written request should be sent to Eskom via the Grid Access Unit regarding any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation for Eskom to comment on.
- Where concentrated solar plants, photovoltaic structures, battery storage systems (BESS) and
  other renewable generation plants fall within a 2 km radius of the closest point of a transmission or
  distribution substation (66kV to 765kV), a written agreement with Eskom is recommended during
  the planning phase of such plant or structures to ensure Eskom's future planning is not impeded.
- Applicants should not position any wind turbine in the line of site between and two Eskom Radio
  Telecommunication masts. It should be proven that Eskom radio telecommunication systems
  (mainly microwave systems) will not be affected in any way by wind turbines due to the criticality
  of this infrastructure in terms of network operation. Eskom Telecommunications should be engaged
  on this matter.
- If the position or size of any turbine changes and subsequently infringes on any of the above stated setbacks, a request for relaxation must be sent through to Eskom as per the point mentioned above.

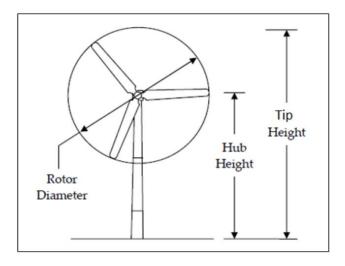


Figure 1: Horizontal Axis Wind Turbine [2]

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## 4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation	
V Naidoo	Chief Engineer	
Dr P Pretorius	Electrical Specialist	
J Geeringh	Snr Consultant Environ Mngt	
B Haridass	Snr Consultant Engineer	
B Ntshuntsha	Chief Engineer	
R Vajeth	Snr Manager (Lines)	
D A Tunnicliff	Snr Manager L&R (Acting)	
B Branfield Snr Consultant Engineer		

## 5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence.
October 2018	1	JW Chetty	Modification to sub-section 3.2 to provide more clarity for application procedure.
June 2020	2	JW Chetty	Content within the guideline was re-worded to explain the benefits of mutual agreements between the applicants and ESKOM rather than the application being a legal obligation.

## **6. DEVELOPMENT TEAM**

The following people were involved in the development of this document:

Jonathan Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz Vajeth (Snr Manager (Lines))

Bruce Ntshuntsha (Chief Engineer)

David Tunnicliff (Snr Manager L&R Acting)

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: EMS

Sent: Wednesday, 25 January 2023 11:28

To: John Geeringh

Cc: EMS

Subject: RE: [CAUTION:EXTERNAL EMAIL] - Reminder - Availability of Draft Scoping Reports for

Comment - Kudu Solar PV

Attachments: RE: Proposed Kudu PV and EGI Project - Eskom Hydra B Substation; 2022-10-27\_Kudu

PV1-12.kmz; 2021\_11\_03\_Land\_portions.kmz; 2022-11-30\_Proposed\_EGI Corridor.kml

Categories: This message has been archived by Retain on February 01 2023 19:00

Dear John

I hope that you are well. All the best for 2023.

The Eskom requirements for work at or near Eskom infrastructure and servitudes, as well as a renewable energy setbacks guideline has been forwarded to the Developer for consideration.

Please see attached previous communication we had regarding this project.

Please also see attached the following KMZs:

- 1. Proposed layouts (revised scoping buildable areas) to be taken into the EIA Phase.
- Affected properties.
- Proposed EGI corridors. The EGI corridor will be subjected to separate BA / Standard Registration processes. The Kudu Solar Facilities 1 to 12 are currently being undertaken for now.

Please let us know if you have any feedback on the proposed Hydra B Substation location?

Thanks and kind regards, Rohaida Abed

CSIR Environmental Management Services

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

## 4. Comments received from Telkom: Kudu Solar Facility 4 (Telkom Ref No. CPLT0800-22)

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>

Sent: Monday, 19 December 2022 16:22

To: EMS

Subject: FW: CPLT0800-22 Kudu Solar Facility 4

Categories: This message has been archived by Retain on December 26 2022 19:24

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote CPLT0800-22.

Kind regards

Chris Schutte
Mvelaphande Trading
SchutCE5@telkom.co.za
078 741 5862

==== This e-mail and its contents are subject to the Telkom SA SOC Ltd. E-mail legal notice <a href="http://www.telkom.co.za/TelkomEMailLegalNotice.PDF">http://www.telkom.co.za/TelkomEMailLegalNotice.PDF</a> =====

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>

Sent: Monday, 16 January 2023 16:53

To: EMS

Cc: Vivian Groenewald (VR)

Subject: CPLT0800-22 Kudu Solar Facility 4

Attachments: CPLT0800-22 COVER LETTER TO AUTH.pdf; CPLT0800-22 UPDATED SKETCH.pdf

Categories: This message has been archived by Retain on January 23 2023 21:25

#### Good day

With reference to your above- mentioned application, I hereby confirm that the proposed work installation is approved in terms of Section 29 of the Electronic Communications Act No. 36 of 2005 as amended.

No infrastructure of our Client (Openserve) will be affected by this proposal. We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not too damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.

Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number from our Network Field Services. Two (2) weeks prior to commencement of proposed work.

2

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval.

Kind regards

Chris Schutte
Mvelaphande Trading
SchutCE5@telkom.co.za
078 741 5862

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



Myelaphande Trading

P/A C Schutte 3 La Motte Street Bayswater Bloemfontein 9301

Enquiries: C: Telephone: 0

Chris Schutte 078 741 5862

E-mail: Schutce5@telkom.co.za

Our Ref no: CPLT0800-22

Your Ref: Kudu Solar Facility 4

16 January 2023

CSIR Environmental Management Services

PO Box 395 Pretoria 0001

FOR ATTENTION: Rohaida Abed

RE: NOTIFICATION OF THE RELEASE OF DRAFT SCOPING REPORTS FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 12 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES) AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

With reference to your above- mentioned application, I hereby confirm that the proposed work installation is approved in terms of Section 29 of the Electronic Communications Act No. 36 of 2005 as amended.

No infrastructure of our Client (Openserve) will be affected by this proposal. We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not too damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.

Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number from our Network Field Services. Two (2) weeks prior to commencement of proposed work.

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval.

Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.

Mvelaphande Trading Reg No: 2002-029553-23 Members: Bopape P. M; Makgakge M.G

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

On completion of this project, please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (Openserve) infrastructure has to be relocated or altered as a result of your activities the cost for such alteration or relocation will be for your account in terms of section 25 of the Electronic Communication Act.

Mr Vivian Groenewald must be contacted at telephone number 3. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval. Any changes / deviations from the original planning during or prior to construction must immediately be communicated to this office.

Please notify this office and forward an as built plan, within 30 days of completion of construction.

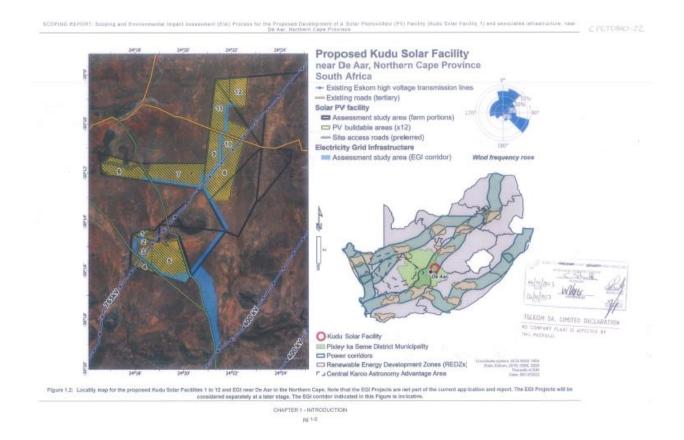
Mr Vivian Groenewald must be contacted at telephone number 081 362 6738. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

Yours sincerely

CHRIS SCHUTTE

Mvelaphande Trading Reg No: 2002-029553-23 Members: Bopape P. M ; Makgakge M.G

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### 5. Comments received from the South African Heritage Resources Agency (SAHRA)

From: Rohaida Abed < RAbed@csir.co.za >

Sent: 09 December 2022 15:21

To: Natasha Higgitt < <a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a> Subject: Kudu Solar PV Draft Scoping Reports

Hi Natasha

Hope you are well.

Just wanted to check in about the separate cases for our Kudu project (interim comments attached).

Please let me know if we can only upload the main report and the Scoping Level Heritage Inputs, and the Scoping Level Palaeo Inputs?

Or do we need to upload all appendices as well? There are quite a lot of files though, so just checking if we can streamline the upload to SAHRIS in anyway?

Thanks Rohaida

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Friday, 09 December 2022 15:30
To: Rohaida Abed <RAbed@csir.co.za>

Subject: RE: Kudu Solar PV Draft Scoping Reports

[The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)] Hithere,

Upload the DSR and I will have a look at what appendices you have. I will let you know what we need after that.

Reports that we will definitely need are Social, Visual, Consultation reports, appendices with maps and layouts and any draft EMPr type documents.

I might only be able to look at the cases on Monday, but will let you know what we need.

Kind regards,

Please note that I will be on leave from the 19th December 2022 and I will return on the 9th January 2023.

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From: Rohaida Abed < RAbed@csir.co.za>

Sent: 11 December 2022 23:27

To: Natasha Higgitt <a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a> Subject: RE: Kudu Solar PV Draft Scoping Reports

#### Hi Natasha

Hope you are well. Thanks for your email. The following cases have been created on SAHRIS.

20336 Kudu Solar Facility 1
20337 Kudu Solar Facility 2
20338 Kudu Solar Facility 3
20339 Kudu Solar Facility 4
20340 Kudu Solar Facility 5
20341 Kudu Solar Facility 6
20342 Kudu Solar Facility 7
20343 Kudu Solar Facility 8
20344 Kudu Solar Facility 9
20345 Kudu Solar Facility 10
20346 Kudu Solar Facility 11
20347 Kudu Solar Facility 11

I have uploaded the DSR, Maps and the HIA Scoping Level Assessment, and PIA SSV (under Heritage Reports).

As previously discussed, the PIA is one single report for the entire study area, which has been determined by the specialist to be low sensitivity. So I have only created one PIA report number. However in an error I created a separate one for PV2 but it is the same attachment – is it possible for me to delete this?

Is it also possible to allow an additional person from our group to have editing and upload rights to the cases?

Thanks Rohaida

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Natasha Higgitt <a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a> Sent: Monday, 12 December 2022 11:01
To: Rohaida Abed <a href="mailto:RAbed@csir.co.za">RAbed@csir.co.za</a>

Subject: RE: Kudu Solar PV Draft Scoping Reports

[The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)] Good morning,

Thank you for the email. I have assigned myself to the cases and added them to my schedule.

I will ask the SAHRIS Admin team to delete that report file. You must just link to the other PIA report file (which is linked to all the others cases) to PV 2 case.

We are not able to provide editing rights to more than one profile. I would recommend creating a company profile, that everyone in your company will have access to. This way more than one person may use the profile. This will also help when people leave companies and we don't need to transfer authorship to someone else.

Kind regards,

Please note that I will be on leave from the 19th December 2022 and I will return on the 9th January 2023.

From: Rohaida Abed

Sent: Monday, 12 December 2022 11:17

To: Natasha Higgitt < <a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a>

Subject: RE: Kudu Solar PV Draft Scoping Reports

Hi Natasha

Thanks so much for your feedback, I appreciate it.

Please let me know if you need any more appendices to be uploaded.

Thanks Rohaida

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Rohaida Abed < RAbed@csir.co.za>

Sent: 14 December 2022 17:47

To: Natasha Higgitt <a href="mailto:nhiggitt@sahra.org.za">nhiggitt@sahra.org.za</a> Subject: RE: Kudu Solar PV Draft Scoping Reports

Hi Natasha

Hope you are well. Just checking if you need any more appendices to be uploaded? I will do them before the break.

Hope you have a wonderful holiday.

Thanks Rohaida

From: Natasha Higgitt <nhiggitt@sahra.org.za> Sent: Thursday, 15 December 2022 09:39 To: Rohaida Abed <RAbed@csir.co.za>

Subject: RE: Kudu Solar PV Draft Scoping Reports

[The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)] Good morning,

Please upload the Visual Scoping Reports and Appendix F for each development application. I assume that Appendix E Public Participation has no information at this stage in the Scoping Phase. If there is any public comments at this stage and they form part of that Appendix, please upload them to each case.

Kind regards,

Please note that I will be on leave from the 19th December 2022 and I will return on the 9th January 2023.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Rohaida Abed

Sent: Wednesday, 21 December 2022 20:37

To: Natasha Higgitt
Cc: Helen Antonopoulos

Subject: RE: Kudu Solar PV Draft Scoping Reports

Hi Natasha

I hope that you are well.

We have saved the Visual Scoping Reports, Appendix E (PPP) and Appendix F (DFFE Pre-Consultation) onto SAHRIS earlier in the week.

Thanks again for your assistance.

Kind Regards, Rohaida

From: EMS <ems@csir.co.za> Sent: 25 January 2023 08:57

To: Natasha Higgitt <nhiggitt@sahra.org.za>

Cc: EMS <ems@csir.co.za>

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV - SAHRA

Dear Natasha

I hope that you are well. All the best for 2023. I hope that you had a good break.

I am kindly following up on the Kudu PV Projects, as per our communications last year (copied here).

Please let me know if SAHRA is able to send us comments on the Draft Scoping Reports by 30 Jan 2023?

Thanks for your inputs throughout this process.

Thank you and kind regards, Rohaida Abed

**CSIR Environmental Management Services** 

E-mail: ems@csir.co.za

Postal Address: P.O. Box 59081, Umbilo, Durban, 4075

Tel: 031 242 2300

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Wednesday, 25 January 2023 09:16

To: EMS

Subject: RE: Reminder - Availability of Draft Scoping Reports for Comment - Kudu Solar PV -

SAHRA

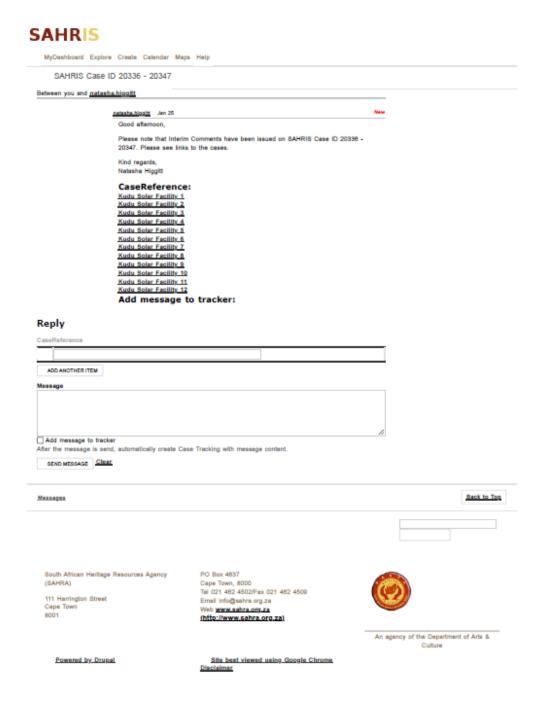
Categories: This message has been archived by Retain on February 01 2023 18:59

[The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)] Good morning,

I am currently drafting comments on the cases which I hope to issue by Friday.

Kind regards,

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



go Chat (12)

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### **Interim Comment: Kudu Solar Facility 4**



### **Interim Comment**

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Kudu Solar Facility 4 (Pty) Ltd

ABO Wind renewable energies (Pty) Ltd is proposing to develop 12 Solar Photovoltaic (PV) power generation facilities and associated Electrical Grid Infrastructure (EGI), north-east of the town of De Aar, in the Renosterberg Local Municipality and Pixley Ka Seme District Municipality, in the Northern Cape Province. Scoping and Environmental Impact Assessment (EIA) Processes are currently being undertaken for the 12 Solar PV facilities. Separate Basic Assessment (BA) and/or EGI Standard Registration processes will be commissioned separately, once finalised, for the EGI projects. This case is for the proposed Kudu Solar Facility 4.

The Council for Scientific and Industrial Research (CSIR) has been appointed by ABO Wind renewable energies (Pty) Ltd to undertake an Environmental Authorisation Application for the proposed Kudu Solar Facility 4 and associated infrastructure, near De Aar, Northern Cape Province.

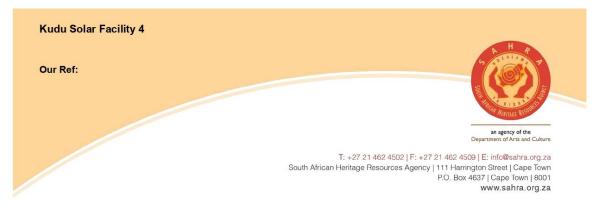
A Draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed activities will include the construction of solar panels, auxiliary buildings, inverter/transformer stations, on-site substation complex, battery energy storage system (BESS), underground cables, access roads, internal roads, fencing, storm water channels, panel cleaning and maintenance area, laydown areas with an overall application area of 50 ha.

Natura Viva CC and ASHA Consulting (Pty) Ltd were appointed to provide heritage specialist input as part of the EA process as per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Almond, J. E. 2022. Site Sensitivity Verification Report: Proposed Development of the Kudu Solar Photovoltaic Facilities and Associated Infrastructure near Philipstown and De Aar, Pixley Ka Seme District, Northern Cape Province.

A report that combines the assessment of all 12 Kudu Solar Projects has been submitted.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



Enquiries: Natasha Higgitt Tel: 021 462 4502 Email: nhiggitt@sahra.org.za

CaseID: 20339

Date: Wednesday January 25, 2023

Page No: 2

The proposed development footprint is underlain by the Waterford Formation, the Tierberg Formation and are overlain by the Late Caenozoic calcrete hardpans, alluvial deposits, surface gravels and soils of low sensitivity. A Chance Finds Procedure is recommended to be implemented.

Orton, J. 2022. Heritage Specialist Scoping Report Inputs: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

No heritage resources were identified within the Kudu Solar Facility 4. A Chance Finds Procedure is recommended, and the recommendations of the Visual Impact Assessment must be followed.

### **Interim Comment**

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the HIA must be revised to include a map of the track logs and must be revised to show all project components such as the access roads etc. The table of identified heritage resources i.e. Table 2, must be revised to indicate in which Kudu project each heritage resources is located within and any specific mitigation and/or management measures required. An addendum to the PIA must be provided with specific results for the Kudu Solar 4 project.

Further comments will be issued upon receipt of the above revised reports and draft EIA inclusive of appendices.

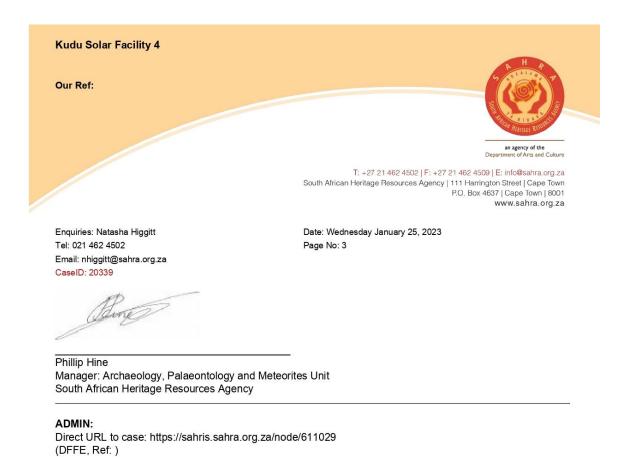
Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt Heritage Officer

South African Heritage Resources Agency

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

### 6. Comments received from General Stakeholders and I&APS

From: <

Sent: Monday, 12 December 2022 09:29

To: EMS

Subject: Re: Availability of Draft Scoping Reports for Comment - Kudu Solar PV

Categories: This message has been archived by Retain on December 19, 2022, 18:52

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. Learn why this is important

Hi Rahida

has received the documents and place on the Notice Board

Regards



From: Helen Antonopoulos

Sent: Tuesday, 24 January 2023 11:02

To:
Cc: EMS

Subject: Kudu Sonfasiliteite Konsepverslae Kommentaarperiode

Categories: This message has been archived by Retain on January 31 2023 21:17

Goeie môre

Ek het vroeër vanoggend probeer geskakel i.v.m. die openbare kommentaarperiode vir die Kudu Sonfasiliteite se konsepverslae.

Die WNNR is aangestel as die onafhanklike omgewingskonsultant vir die projekte en ons wil graag vir u herinner dat die kommentaarperiode 30 Januarie 2023 sluit.

Die verslae en opsommings kan soos volg verkry word:

- Google Drive: <a href="https://bit.ly/KUDU\_SOLAR\_PV">https://bit.ly/KUDU\_SOLAR\_PV</a>
- Projekwebtuiste: https://www.csir.co.za/environmental-impact-assessment

Laat weet asseblief as u enige vrae of kommentaar het oor die verslae – ons waardeer alle insette. U is meer as welkom on ons telefonies (060 829 0202) of per e-pos te kontak.

Vriendelike groete

Helen

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

Sent: Tuesday, 24 January 2023 11:43

To: Helen Antonopoulos

Subject: Re: Kudu Sonfasiliteite Konsepverslae Kommentaarperiode

Goeie dag Helen

Ons het probleme met kommunikasie netwerke.

In 'n neutedop: waaroor gaan die verslae waarop kommentaar gelewer moet word? (Voor ek nou alles download en in elk geval nie gaan verstaan nie) 😃

Groete

From: Helen Antonopoulos

**Sent:** Tuesday, 24 January 2023 15:15

To:

Subject: RE: Kudu Sonfasiliteite Konsepverslae Kommentaarperiode

Categories: This message has been archived by Retain on January 31 2023 21:17

Goeie middag

ABO Wind renewable energies (Edms) Bpk het die WNNR aangestel om die omgewingsimpakproses te bahartig vir die voorgestelde Kudu sonplase wat op u grond (Gedeelte 0 (RES) van Plaas Bas Berg 88; Gedeelte 3 (RES) van Plaas Bas Berg 88; Gedeelte 4 van Plaas Bas Berg 88) naby Petrusville/ Philipstown in die Noord-Kaap gebou sal word indien die projekte omgewingsgoedkeuring sou ontvang van die Departement van Bosbou, Visserye en die Omgewing.

Die verslae bevat opsommings van die die spesialiste se bevindinge rakende die voorgestelde Kudu sonplase. Elke verslag is baie lank, maar daar is 'n opsomming ("Executive Summary") beskikbaar van elke verslag op die webtuiste en Google Drive.

Laat weet asseblief as u enige vrae het. Ek is enige tyd beskikbaar, alhoewel die netwerk soms sukkel tydens loadshedding. Ons waardeer alle insette opreg.

Baie dankie Helen

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

Sent: Tuesday, 24 January 2023 16:08

To: Helen Antonopoulos

Subject: Re: Kudu Sonfasiliteite Konsepverslae Kommentaarperiode

Baie dankie vir jou spoedige terugvoer.

From:

Sent: Monday, 30 January 2023 08:52

To:

Subject: Comments on Kudu Development

Attachments: Kudu.pdf

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Dear Rohaida Abed

Attached my comments on the Kudu Development as an I&AP.

Also note that my email changed from to

Regards

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

	20 January 2000
	29 January 2023
	Good day,
	INPUT AND OBJECTION TOWARDS THE KUDU DEVELOPMENT
	I registered as an interested and affected party to the proposed Kudu development in the Philipstown district.
	We understand according to documents at our disposal that your development is a
	massive one proposed on only two farms. As a neighbour who has been farming for my
	entire life in the Karoo, I want to know what the water use of this project will be. Further, I
	also request information on measures that you have put in place to test the availability of water resources.
	2. According to the layouts of the solar farms, it appears the majority of certain farms will be
(	covered almost entirely under panels. What is your company's viewpoint and understanding
	of the subdivision of agricultural land act (Act 70 of 1970)? How would the act impact on your proposed developments?
	3. What benefits would your proposed development have for the farming community of
F	Philipstown district?
I	also register my objection against the development as it does not enhance agricultural sustainability.
K	find regards,
1	Note my email changed from to

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

**Sent:** Mond<u>ay, 30</u> January 2023 12:44

To: EMS; Objections
Attachments: Kudu.pdf

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

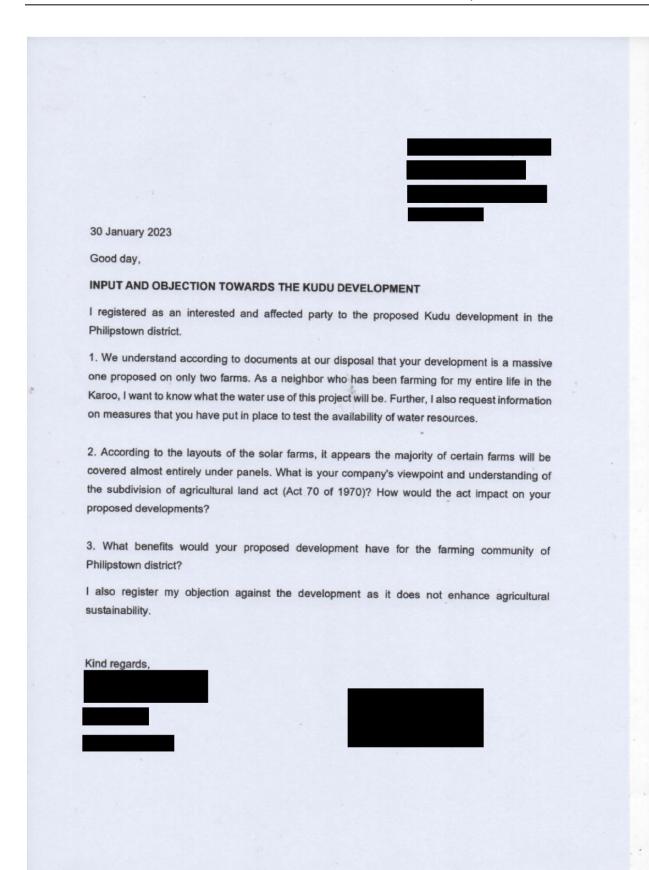
From:

**Sent:** Monday, 30 January 2023 12:45

To: EMS; Subject: Objections
Attachments: Kudu.pdf

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

**Sent:** Monday, 30 January 2023 17:52

To: EMS

Subject: Attention:RohaidsAbed
Attachments: Kudu Development.pdf

Sent from Mail for Windows



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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



Good day

INPUT AND OBJECTION TO THE PROPOSED KUDU DEVELOPMENT - PHILIPSTOWN DISTRICT

I/we submit the following questions regarding the Kudu Development:

I/We understand that projects of this nature need to have an approved water license for each borehole. What measures have you put in place to adhere to this requirement?

According to your documents and proposed layout received, it seems your development will only benefit to two landowners. Do you believe it's fair and equitable to the surrounding farmers and landowners?

How do you intend to maintain the infrastructure, such as road and water courses, during construction? Can you provide a plan on how you will manage the dust pollution that will be created by the heavy trucks and increased traffic?

I/We also object to the entire project given the fact that we believe that the approach followed by the developer is against the letter and spirit of current legislation and regulatory frameworks that ensure agricultural sustainability especially in the Karoo.

Yours sincerely,

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

Sent: Monday, 30 January 2023 19:14

To: EMS

Subject: Objection towards KUDU
Attachments: img20230130\_19045071.pdf

Good day Rohaida

Please find attached my objections towards the planned KUDU development.

Kind regards

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

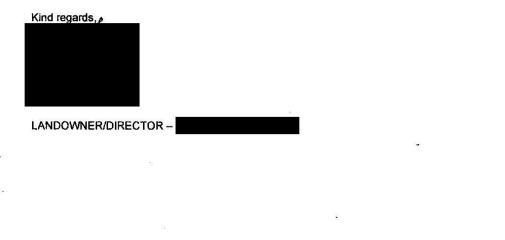
29 January 2023
Good day;
INPUT AND OBJECTION TOWARDS THE KUDU DEVELOPMENT
I registered as an interested and affected party to the proposed Kudu development in the Philipstown district.
1. We understand according to documents at our disposal that your development is a massive one proposed on only two farms. As a neighbour who has been farming for my entire life in the Karoo, I want to know what the water use of this project will be. Further, I also request information on measures that you have put in place to test the availability of water resources.
2. According to the layouts of the solar farms, it appears the majority of certain farms will be covered almost entirely under panels. What is your company's viewpoint and understanding of the subdivision of agricultural land act (Act 70 of 1970)? How would the act impact on your proposed developments?
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province



- 3. What benefits would your proposed development have for the broader farming community of Philipstown district?
- 4. What benefits would your proposed development have for the socio-economical upliftment of farmers and their employees (including their families/dependents) of the greater area rather than the proposed two farms and the owner/beneficiary there-of?

I also register my objection against the development as it does not enhance agricultural sustainability.



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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From: < >

**Sent:** Monday, 30 January 2023 23:44

To: EMS <ems@csir.co.za>

Subject:

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

Objection to the Kudu in its current format and layout development

To whom it may concern:

My name is a many lam the owner of the farm. My farm is next to the Kudu Developnment.

Please consider and respond to the following issues of serious concern to me.

- 1. The Kudu development appears to be an enormous concentrated development of several thousands of hectares, laying in one massive block.
- \*Please indicate what impact this development will have to the underground water resources of the area.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

\* How much water will be withdrawn from the underground resources to service the development?

How long will the withdrawing of such an amount of water, to serve the maintenance of the development, be sustainable?

What will the effect be to the windmills/ boreholes on my farm that I use to supply drinking water to my sheep and cattle.

I am living for more than 47 years in this area. A part of my daily life and daily bread is an ongoing effort to serve the area with drinking water for the sheep and cattle.

My way crossed a lot with hydrologists, discussing the underground water of this specific huge plains of the Upper Karoo.

The most of the farmers around me. Does the same by just supply enough drinking water to sheep and cattle.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

I want to make the following remarks that I would like your specialists to respond on.

- The most of the windmills and boreholes on the farm is just enough for the sheep. Some off the boreholes even dried up in the drought season.
- The point I am making is that the underground water is slow running.
- The underground water is moving in this area from south to north.
- That the depth of the water surface in this area differs from 10 to 40 meters and is slowly sinking deeper as the time go by and the drought Seasons get closer.
- Almost all the boreholes feeding windmills to provide drinking water stops on the dolorite bank (differs from 50-80meter from the surface) and were made by the old bore machines of the previous century.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

2. This farm belongs to my family since 1893. We as children were always told to work responsible with the under ground water and overgrazing fields because of the low underground water levels. Given the huge area that will be covered by the panels in a block of several thousands of hectares, how will this proposed development contribute to, and ensure long term agriculture sustainability in this semi- arid Upper Karoo?

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

3. Visual impact. Please provide me with information and sketches about the visual impact that this development will have on my farm and farming. I hereby want to register an objection in the Kudu development in its current format and layout.

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

Sent: Monday, 30 January 2023 15:17

To: EMS

Subject: Objection to the Kudu Solar Facilities development in its current format and layout.

Renosterberg local Municipality

Attachments: IMG-20230130-WA0016.jpg; IMG-20230130-WA0018.jpg; IMG-20230130-WA0017.jpg

Attention: Rohaida Abed

Good day,

please find the letter consist out of three pages that are attached.

<u>Since</u>rely

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

- \* How much water will be withdrawn from the underground resources to service the development?
- \* How long will the withdrawing of such an amount of water, to serve the maintenance of the development, be sustainable?
- \* What will the effect be to the current windmills/boreholes that I use to serve my extensive sheep and game farm activities with drinking water.

I am no hydrologist but I am living for more than 50 years in this area. A part of my daily life and daily bread is an ongoing effort to serve the area with drinking water for the sheep and game. My way crossed a lot with hydrologists, discussing the underground water of this specific huge plains of the Upper Karoo.

I want to make the following remarks that I would like your specialists to respond on.

- The most of the underground water in this area is fossil water. Stored for many years underground.
- The little supplement of underground water is slow and occur only once every few years.
- The underground water is moving in this area from south to north.
- That the depth of the water surface in this area differs from 10 to 30 meters and is slowly sinking deeper as the time go by.
- Almost all the boreholes feeding windmills to provide drinking water stops on the dolorite bank (differs from 30 -50 meter from the surface) and were made by the old bore machines of the previous century.
- 2. This farm belongs to my family since 1867. We always stove to practice responsible farming activities to enhance agricultural sustainability in the Karoo. Given the huge area that will be covered by the panels in a block of several thousands of hectares, how will this proposed development contribute to, and ensure long term agriculture sustainability in this semi-arid Upper Karoo?

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

3. Visual impact. Please provide me with information and sketches about the visual impact that this development will has on my farm and farming activities like the offering of hunting- and photographic safaris to clients from all over the world?

I hereby want to register an objection in the Kudu development in its current format and layout.

You's sincerely

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

**Sent:** Monday, 30 January 2023 15:20

To: EMS

Subject: Ew: Objection to the Kudu Solar Facilities development in its current format and layout.

Renosterberg local Municipality

Attachments: IMG-20230130-WA0016.jpg; IMG-20230130-WA0018.jpg; IMG-20230130-WA0017.jpg

You don't often get email from XXXXI. Learn why this is important

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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

Sent: Tuesday, 31 January 2023 20:28

To: EMS
Subject: KUDU

Attachments: KUDU DEVELOPMENT LO'S (2).docx

You don't often get email from Learn why this is important

ATTENTION: ROHAIDA ABED,

Good day, i tried to submit this letter <u>yesterday</u>, 30 January2023 but had no <u>wifi</u> signal and internet. I hope you still accept this letter of interest as it is one day late. sorry for the delay but it was out of my hands.

PLEASE FIND ATTACHED THE LETTER OF CONCERN.

Yours sincerely

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

29 January 2023
Good day
INPUT AND OBJECTION TO THE PROPOSED KUDU DEVELOPMENT – PHILIPSTOWN DISTRICT
I/we submit the following questions regarding the Kudu Development:
I/We understand that projects of this nature need to have an approved water license for each borehole. What measures have you put in place to adhere to this requirement?
According to your documents and proposed layout received, it seems your development will only benefit to two landowners. Do you believe it's fair and equitable to the surrounding farmers and landowners?
How do you intend to maintain the infrastructure, such as road and water courses, during construction? Can you provide a plan on how you will manage the dust pollution that will be created by the heavy trucks and increased traffic?
I/We also object to the entire project given the fact that we believe that the approach followed by the developer is against the letter and spirit of current legislation and regulatory frameworks that ensure agricultural sustainability especially in the Karoo.

As the direct neighbour I am concerned about the dust pollution over the long term in years to come due to the very large area that wont have any vegetation. All the roads goes past and threw

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

my farm and dust piles on to my vegetation and the animals eats the dust with the vegatation wich piles up into their stomachs and causes illness and leads to death.
Yours sincerely,
LANDOWNERS

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:
Sent:
Tuesday, 31 January 2023 15:47
To:
EMS
Subject:
OBJECTION - KUDU DEVELOPMENT
Letter - CSIR.pdf

You don't often get email from
Good day

Kindly find herewith a letter for your urgent attention and feedback.

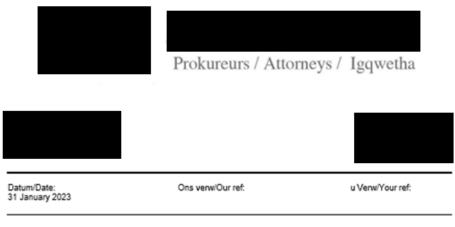
Kind Regards

Attorney and Conveyancer

Prokureurs / Attorneys / Igqwetha

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CSIR UMBILO

Attention:Rohaida Abed Per E-mail: ems@csir.co.za

Re: INPUT AND OBJECTION TOWARDS THE KUDU DEVELOPMENT

We refer to the abovementioned matter and confirm that we are acting on behalf of and who are both an interested and affected party to the proposed Kudu development in the Philipstown district.

- 1. We understand according to documents at our disposal that your development is a massive one proposed on only two farms. As neighbours our clients have been farming for their entire life in the Karoo, and we want to know what the water use of this project will be. Further, we also request information on measures that you have put in place to test the availability of water resources.
- According to the layouts of the solar farms, it appears the majority of certain farms will be covered almost entirlely under panels. What is your company's

- B.A. LLB (US)

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

viewpoint and understanding of the subdivision of agricultural land act (Act 70 of 1970)? How would the act impact on your proposed developments?

- 3. What benefits would your proposed development have for the farming community of Philipstown district?
- We also register our objection on behalf of my clients against the development as it does not enhance agricultural sustainability.
- I take note that this objection had to be filed on/before 30 January 2023. I kindly
  request that you condone the late filing of this objection as we are of the opinion
  the there will be no prejudice of filing this objection 1 day late.
- If you fail to condone the late filing of this objection and respond in detail to our <u>objections</u> we hold instruction to bring a court application in order to stop the development.

We trust you find the above in order.

Yours Faithfully

(electronically send therefore unsigned	0	
	BA LLB (US)	_

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

From:

**Sent:** Monday, 30 January 2023 21:25

To: EMS

**Attachments:** 20230130212420\_001.jpg

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Sent from my Galaxy

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 4) and associated infrastructure, near De Aar, Northern Cape Province

PLEASE ADD ADDRESS OR LETTERHEAD

29 January 2023

Good day

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Yours sincerely,

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