



APPENDIX E:

Public Participation

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province



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Rohaida Abed

From: Mahlatse Shubane <MSHUBANE@dffe.gov.za>
Sent: Monday, 16 May 2022 11:11
To: Rohaida Abed
Cc: Paul Lochner; Du Toit Malherbe; Petrus Scheepers; Rob Invernizzi; Olivia Letlalo; Thembisile Hlatshwayo; Azrah Essop; Makhosi Yeni
Subject: RE: 2022-04-0005 - Kudu PV and EGI Pre-Application Meeting - Notes of the Meeting

Thanks for the email.

Please note that the Department has decided to remove PP plan as a requirement when submitting application form. However, only the confirmation of the meeting email as well as approval of the minutes; or, the email stating that a meeting is not necessary.

Best regards,

From: Rohaida Abed <RAbed@csir.co.za>
Sent: Friday, 06 May 2022 17:52
To: Mahlatse Shubane <MSHUBANE@dffe.gov.za>
Cc: Paul Lochner <PLochner@csir.co.za>; Du Toit Malherbe <du-toit.malherbe@abo-wind.com>; Petrus Scheepers <Petrus.Scheepers@abo-wind.com>; Rob Invernizzi <Rob.Invernizzi@abo-wind.com>; Olivia Letlalo <OLetlalo@dffe.gov.za>; Wayne Hector <WHECTOR@dffe.gov.za>; Ephron Maradwa <EMaradwa@dffe.gov.za>; Lerato Mokoena <LMOKOENA@dffe.gov.za>; Nyiko Nkosi <NNKOSI@dffe.gov.za>; Thembisile Hlatshwayo <THLATSHWAYO@dffe.gov.za>; Azrah Essop <AEssop@dffe.gov.za>; Constance Musemburi <CMusemburi@dffe.gov.za>; Jay-Jay Mpelane <JMPELANE@dffe.gov.za>; Julliet Mahlangu <JMMahlangu@dffe.gov.za>; Makhosi Yeni <MYeni@dffe.gov.za>; Zama Langa <ZLANGA@dffe.gov.za>
Subject: RE: 2022-04-0005 - Kudu PV and EGI Pre-Application Meeting - Notes of the Meeting

Dear Mahlatse

As per the email below, please see attached the Public Participation Plan for the Kudu PV and EGI project for your review, as discussed at the Pre-Application Meeting.

We look forward to your feedback.

Kind Regards,
Rohaida

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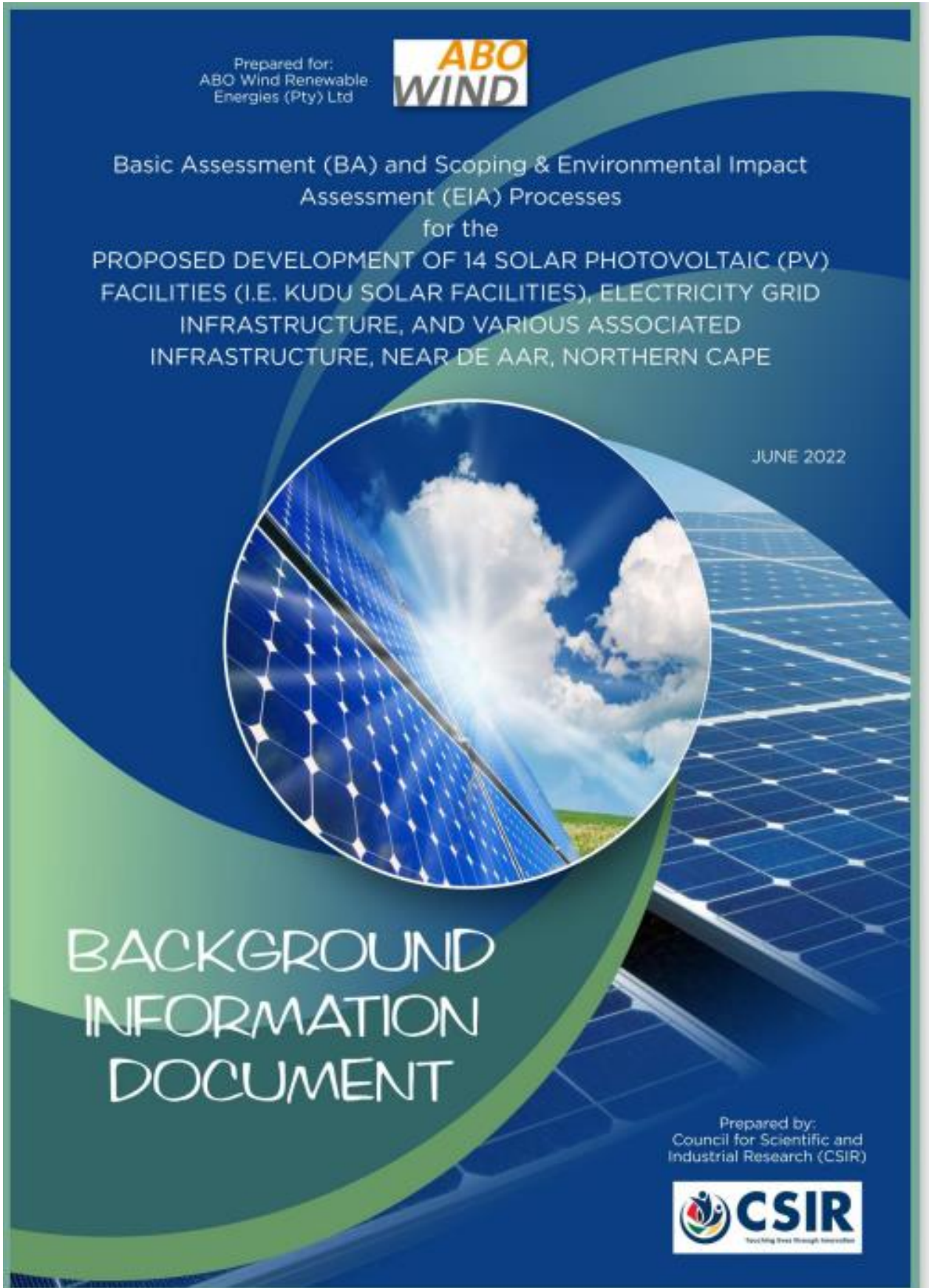
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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

BACKGROUND INFORMATION DOCUMENT

BACKGROUND INFORMATION DOCUMENT

Basic Assessment (BA) and Scoping & Environmental Impact Assessment (EIA) Processes

for the

PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE, AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

Prepared by:

Council for Scientific and Industrial Research (CSIR)



Prepared for:

ABO Wind renewable energies (Pty) Ltd



Date:

May 2022

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BACKGROUND INFORMATION DOCUMENT

1. INTRODUCTION AND PROJECT BACKGROUND

ABO Wind renewable energies (Pty) Ltd¹ (hereinafter referred to as ABO Wind) is proposing to develop 14 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. Each project will have a specific Project Applicant. The proposed projects will make use of PV solar technology to generate electricity from energy derived from the sun. Each solar PV facility will have a range of associated infrastructure, as discussed below.

The project is intended to address the current energy shortages in South Africa and assist in meeting the need for additional renewable energy generation capacity, as required by the Integrated Resource Plan (IRP) of 2019. The total generation capacity of the entire project would be in the order of approximately 2 140 Megawatts alternating current (MWac). As a means of comparison, for 2022 the municipal area of Kimberley in the Northern Cape has a total electricity load forecast of 643 MW and the total load forecast for the Northern Cape is 897 MW (Eskom, 2021²). The total provincial peak load forecast for the Northern Cape is expected to increase to about 1 313 MW by 2031 (Eskom, 2021²).

The following 30 projects are proposed:

- **PROJECTS 1 TO 14:** The proposed development of 14 Solar PV Facilities and associated infrastructure (detailed below) (i.e. Kudu Solar Facility 1 to Kudu Solar Facility 14).
- **PROJECTS 15 TO 28:** The proposed development of Switching Stations and Collector Stations at each On-Site Substation Complex at each of the 14 Kudu Solar Facilities, and up to 14 x 132 kV Overhead Power Lines running from each Solar Facility to the proposed Collector Station(s) or up to the proposed Main Transmission Substation (MTS).
- **PROJECT 29:** The proposed development of an independent 400/132 kV MTS, including associated infrastructure at the MTS.
- **PROJECT 30:** 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.

The key components of **Projects 1 to 14** are described below:

- Solar Field, comprising Solar Arrays with a maximum height of approximately 3.5 m.
- The developable area (i.e. project footprint) for each PV Facility and associated infrastructure will range from approximately 30 to 550 hectares.
- The generation capacity of each PV Facility will range from approximately 50 MWac to up to 300 MWac.
- Building Infrastructure at each PV Facility (e.g. on-site substation complexes; offices; operational and maintenance control centres; warehouse/workshops; ablution facilities; Inverter-Transformer stations; and guard houses).
- An on-site substation complex (~ 4 ha and 10 m high, with a capacity of 22/33 kV stepping up to 132 kV) at each PV Facility including the following:
 - On-site Independent Power Producer (IPP) or Facility Substation (~1 ha). This will include the relevant section that will be maintained by the IPP.

¹ ABO Wind renewable energies (Pty) Ltd is the holding company. Various subsidiary companies will serve as the Project Applicants. Details of the subsidiary companies will be provided in the Assessment Reports.

² Eskom (2021). Transmission Development Plan (2022 – 2031). Accessed online. May 2022. <https://www.eskom.co.za/eskom-divisions/tx/transmission-lines/transmission-development-plans/>

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- Lithium Ion or Redox Flow Battery Energy Storage Systems (BESS). Each BESS will have an area of ~ 1 ha, height up to 10 m, and capacity of ~ 500 MW/500 MWh.
- Switching Station and Collector Station (~2 ha). This forms part of Projects 15 – 28.
- Associated Infrastructure at each PV Facility (e.g. temporary construction laydown areas; internal roads up to 5 m wide; upgrading of existing access 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).

The key components of Projects 15 to 28 are described below:

- Switching Station and Collector Station (~2 ha each) at each on-site substation complex at each Solar Facility. This will include the relevant section that will be transferred from the IPP to Eskom.
- 132 kV Overhead Power Line from each Kudu Solar Facility to the proposed Collector Station or up to the proposed MTS. Therefore, 14 overhead power lines are being proposed.

The key components of Projects 29 and 30 are described below:

- **Project 29:** Development of an independent 400/132 kV MTS, including associated infrastructure at the MTS such as 132 kV busbars and feeder bay(s), and 500 MVA 400/132 kV transformer(s) with transformer bay(s).
- **Project 30:** Development of a 6.5 km long 400 kV LILO (from the existing Hydra Perseus 400 kV Overhead Power Line to the proposed independent MTS).
- However, if the proposed Eskom Hydra B Substation is built by Eskom, then additional upgrades of this Eskom substation would be undertaken to ensure that the substation can accommodate the power generated by the proposed 14 Kudu Solar Facilities. This would be undertaken based on engagements with and approval from Eskom. Additional detail will be provided as the BA processes progress. The Eskom Hydra B Substation is planned to be developed "approximately 50 km from the existing Hydra Substation along the existing Hydra-Perseus 400 kV line" (Eskom, 2021, Page 115).

The power line details for Projects 15 to 30 are indicated below:

- Pylons: 132 kV (Projects 15 – 28) and 400 kV (Project 30) steel monopole or lattice towers;
- Height:
 - 132 kV power lines (Projects 15 – 28): 17.4 - 21 m; and
 - 400 kV power lines (Project 30): 27 – 40 m;
- Span length: 200, 250 or 375 m;
- Servitude width:
 - 31 m for 132 kV power lines;
 - 47 m to 55 m for 400 kV power lines.
- Assessment Corridor: A 300 m – 1000 m wide corridor for all the power lines listed above will be assessed by the specialists, in order to identify sensitivities and features that need to be avoided. Projects 15 – 30 will be constructed within the assessed corridor.

Refer to Figure 1 for a locality map of the proposed projects.

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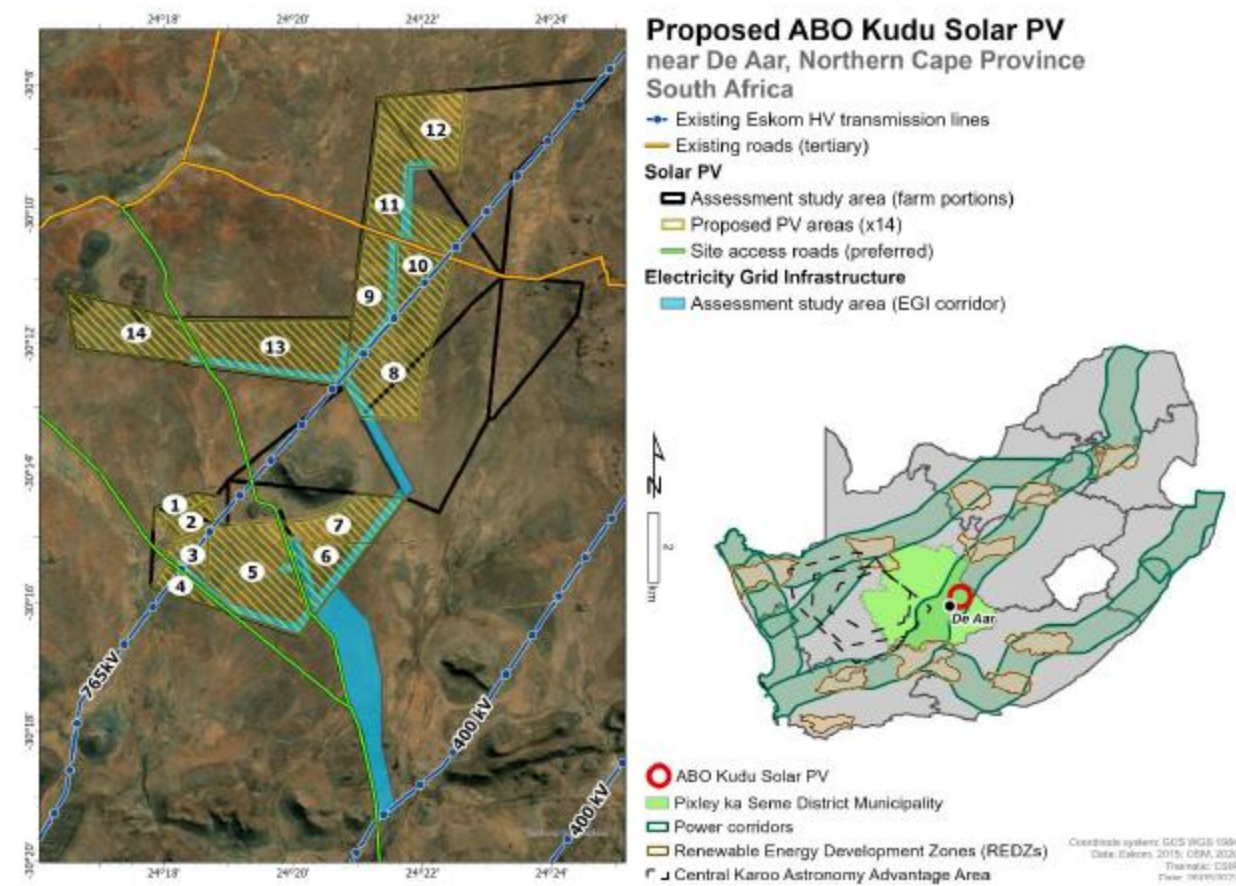


Figure 1: Locality of the Proposed Kudu Solar Facilities and EGI

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2. NEED FOR ENVIRONMENTAL AUTHORISATIONS AND REPORTING STRUCTURE

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), published in Government Notice (GN) R326, R327, R325 and R324 on 7 April 2017 in Government Gazette 40772 (and amended on 11 June 2021 in GN 517; and on 3 March 2022 in GN 1816), the proposed projects require Environmental Authorisation (EA). **Projects 1 to 14** will each require a full **Scoping and EIA Process**. The remaining projects, i.e. **Projects 15 to 30**, will each require a **Basic Assessment (BA) Process**. The **key** Listed Activities triggered by the proposed projects are listed below:

- **Projects 1 to 14: Listing Notice 2 (GN R325), Activity 1:** *The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more, excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs: a) within an urban area; or b) on existing infrastructure.*
- **Projects 15 to 28: Listing Notice 1 (GN R327), Activity 11 (i):** *The development of facilities or infrastructure for the transmission and distribution of electricity - (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts or more.*
- **Projects 29 and 30: Listing Notice 2 (GN R325), Activity 9:** *The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.*

The complete list of listed activities will be confirmed and detailed during the BA and EIA Processes. Furthermore, the proposed Kudu Solar Facilities and EGI are located within the Central Strategic Transmission Corridor that was gazetted in GN 113 in 2018. Therefore, Projects 15 – 30 will be subjected to BA Processes and a 57-day decision-making timeframe.

The National Department of Forestry, Fisheries and the Environment (DFFE) has been identified as the Competent Authority in terms of Section 24C of the NEMA. In accordance with Regulation 12 (1) of the 2014 NEMA EIA Regulations (as amended), the Council for Scientific and Industrial Research (CSIR) Environmental Management Services (EMS) group has been appointed as the Environmental Assessment Practitioner (EAP) to undertake the required Environmental Assessment Processes.

A request has been submitted to the DFFE for consideration for the EAP to submit combined Applications for EA and associated Scoping, EIA and BA Reports; and for the Specialists to also submit combined specialist reports per theme, in terms of Regulation 11 (4) of the 2014 NEMA EIA Regulations (as amended), and the issuing of multiple EAs (should they be granted) in terms of Regulation 25 (1) and (2) of the 2014 NEMA EIA Regulations (as amended). It is proposed that 30 separate EAs will be issued for the entire project (should they be granted). Depending on the DFFE's decision-making on the combination request, either single or combined Applications for EA and Scoping, EIA or BA Reports will be compiled and submitted to stakeholders for comment and to the DFFE for decision-making.

3. SPECIALIST STUDIES

Various specialist assessments and/or compliance statements are required for the Scoping and EIA, and BA Processes, as indicated in Table 1 below. Note that the CSIR will provide inputs on Civil Aviation and Defence. Note that **where relevant**, the specialist assessments will comply with Appendix 6* of the 2014 NEMA EIA Regulations (as amended), or the Assessment Protocols published in GN R320 on March 2020[†]; or the Assessment Protocols published in GN R1150 on October 2020[†]. The BESS Risk Assessment will serve as a technical report, and the aforementioned legislation will thus not be applicable. Additional specialist studies or technical input may be required as the EIA and BA processes progress.

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Table 1: Summary of the Specialist Assessments

Specialist Assessment/Theme	Projects 1 to 14	Projects 15 to 30
▪ Agriculture and Soils [#]	✓	✓
▪ Terrestrial Biodiversity [#] , Terrestrial Plant Species [^] and Terrestrial Animal Species [^]	✓	✓
▪ Aquatic Biodiversity [#]	✓	✓
▪ Avifauna Assessment [^]	✓	✓
▪ Visual Impact Assessment [*]	✓	✓
▪ Heritage Impact Assessment [*]	✓	✓
▪ Palaeontology Assessment [*]	✓	✓
▪ Socio-Economic Assessment [*] (PV only)	✓	☒
▪ Traffic Impact Assessment [*] (PV only)	✓	☒
▪ Geohydrology Impact Assessment [*] (PV only)	✓	☒
▪ BESS Risk Assessment (PV only)	✓	☒

4. ENVIRONMENTAL ASSESSMENT PROCESS AND PUBLIC PARTICIPATION

The BA, and Scoping and EIA, processes will provide a detailed description of the proposed projects and an assessment of the potential impacts that the projects may have on the environment. It also includes the development of an Environmental Management Programme (EMPr) which outlines the environmental management actions that need to be implemented by the Applicant to avoid and minimise any potential negative environmental impacts; and to enhance any potential positive impacts that may arise.

Initially the Application for EA for Projects 1 to 14 will be lodged with the DFFE. Following this, the Draft Scoping Report(s) (DSR) for Projects 1 to 14 will be released to Interested and/or Affected Parties (I&APs), Stakeholders and Departments (including the DFFE) for a 30-day comment period. Thereafter, the Final Scoping Report(s) (FSR) for Projects 1 to 14 will be compiled (taking relevant comments received into account) and submitted to the DFFE for decision-making. The DFFE will then either accept the FSR or refuse EA, within 43 days of receipt of the FSR.

Should the FSR be accepted, the EIA Phase will thereafter commence. The next step of the process is to submit the Application for EA for Projects 15 to 30 (i.e. EGI Projects) to the DFFE. Following this, the Draft EIA Report(s) (DEIAR) for Projects 1 to 14; and Draft BA Report(s) (DBAR) for Projects 15 to 30 will be released to I&APs, Stakeholders and Departments (including the DFFE) for a 30-day comment period. Thereafter, the Final EIA Report(s) (FEIAR) for Projects 1 to 14; and Final BA Report(s) (FBAR) for Projects 15 to 30 will be compiled based on consideration of relevant comments received and submitted to the DFFE for decision-making. The DFFE will then either grant or refuse EA for the various projects within 107 days of receipt of the FEIAR (Projects 1 to 14) and within 57 days of receipt of the FBAR (Projects 15 to 30). Thereafter, the I&APs, Stakeholders and Departments will be informed of the outcome of the decision and opportunity to appeal in writing. Refer to Figure 2 for an overview of the key steps of the process.

An integrated Public Participation Process (PPP) will be undertaken as part of the BA and EIA Processes for Projects 1 to 30, and all applications necessary in respect of other applicable legislation. The BA and 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). Comments, in terms of the National Heritage Resources Act (Act 25 of 1999), will also be sought from the South African Heritage Resources Agency (SAHRA) as part of the BA and EIA Processes.

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BACKGROUND INFORMATION DOCUMENT

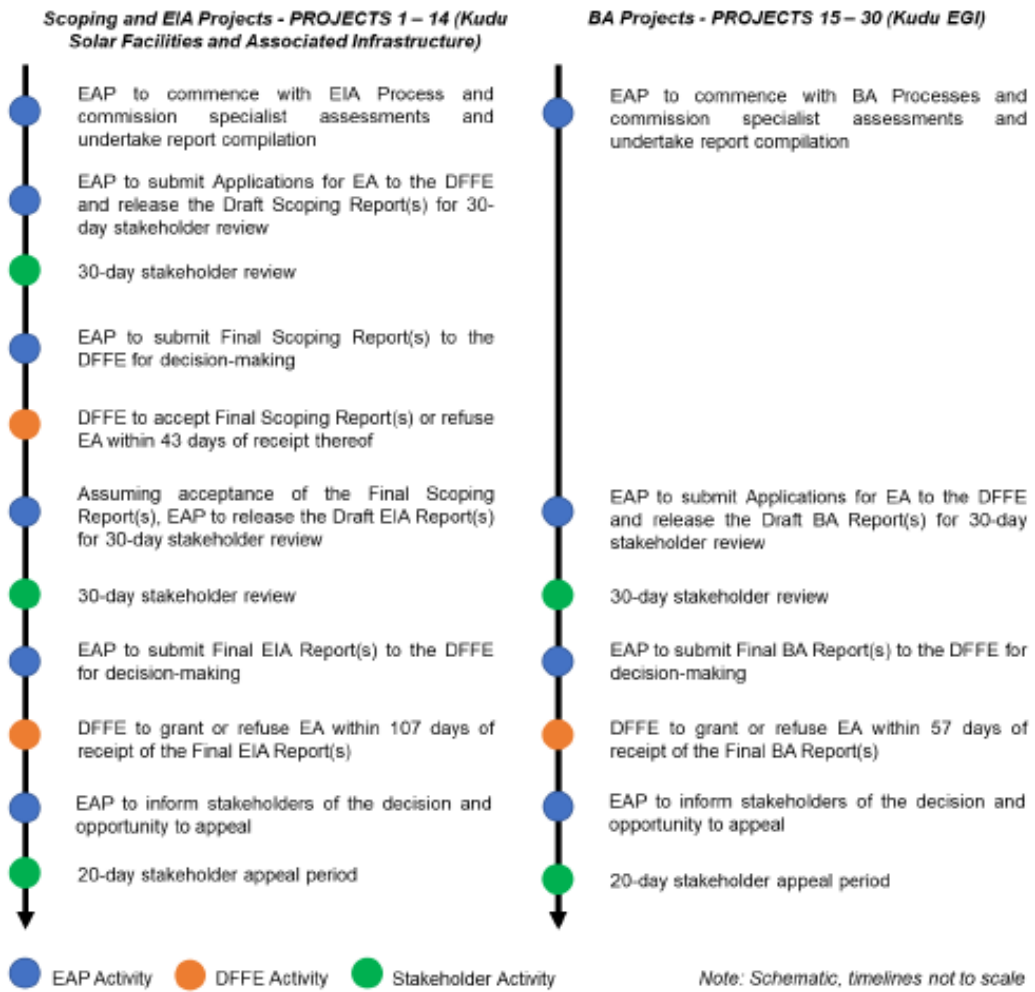


Figure 2: Key steps in the proposed Kudu Solar Facilities and EGI BA and EIA Processes

5. HOW TO GET INVOLVED?

Should you be interested in registering as an I&AP and to provide comments on these proposed projects, you are kindly requested to e-mail your name and contact details, with an indication of any direct, business, financial, personal or other interest which you may have in these applications, to the EAP at the CSIR: Rohaida Abed (Tel: 031 242 2300; E-mail: ems@csir.co.za (with "Kudu PV and EGI" as the subject line); Postal address: P.O. Box 59081, Umbilo, Durban, 4075; or Fax: 031 261 8172). The project website will be updated during the process: <https://www.csir.co.za/environmental-impact-assessment>

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APPENDIX E.3: CORRESPONDENCE AND PROOF OF CORRESPONDENCE SENT TO STAKEHOLDERS FOR THE BACKGROUND INFORMATION DOCUMENT RELEASE

App. E.3/...

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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 7) and associated infrastructure, near De Aar, Northern Cape Province

1. Letter 1 sent via email to I&APs, Stakeholders and Organs of State: Notification of the Scoping and EIA Processes and Release of the Background Information Document (BID) for a 30-day Comment Period



CSIR Environmental Management Services

P. O. Box 59081, Umbilo, 4075
Tel: 031 242 2300
Fax: 031 261 8172
Email: ems@csir.co.za

6 June 2022

Dear Interested and Affected Party

RE: NOTIFICATION OF THE RELEASE OF A BACKGROUND INFORMATION DOCUMENT FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE AND VARIOUS 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) Ltd¹ (hereinafter referred to as ABO Wind), is proposing to develop the Kudu Solar Photovoltaic (PV) cluster, consisting of up to 14 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 Megawatts alternating current (MWac) to up to 300 MWac. The developable area (i.e. project footprint) for each PV Facility and associated infrastructure will range from approximately 30 to 550 hectares.

Each solar PV facility will have a range of infrastructure, including, but not limited to, a solar field; building infrastructure; on-site substation complex (consisting of an On-site Independent Power Producer (IPP) or Facility Substation; Lithium Ion or Redox Flow Battery Energy Storage System (BESS); and a Switching Station and Collector Station); and various associated infrastructure. The proposed Solar PV facilities will connect to an existing 400 kV power line via dedicated 132 kV power lines and an independent Main Transmission Substation (MTS). A 300 m – 1000 m wide corridor will be assessed for the EGI projects.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA Environmental Impact Assessment (EIA) Regulations promulgated on 8 December 2014 and as amended on 7 April 2017 in Government Notice (GN) R326, R327, R325 and R324, and further amended on 11 June 2021 in GN 517 and on 3 March 2022 in GN 1816, the proposed projects require Environmental Authorisation (EA). The Council for Scientific and Industrial Research (CSIR) has been appointed as the Environmental Assessment Practitioner (EAP) to undertake the required Environmental Assessments. Projects 1 to 14 will each require a full Scoping and EIA Process. Projects 15 to 30 will each require a Basic Assessment (BA) Process. Each of the projects would require its own, separate EA (should such approval be granted), and a specific Project Applicant, as described below. Table 1 indicates the details of the proposed projects, the respective Project Applicants and Environmental Assessment processes, as well as the potential affected farm portions. Note that the affected farm portions are presented cumulatively for all projects, however each individual project will not necessarily affect all farm portions.

Table 1: Details of Project, Applicant, Environmental Assessment and Affected Farm Portions

No.	Projects	Environmental Assessment Process	Affected Farm Portions
1 - 14	PROJECTS 1 TO 14: The proposed development of 14 Solar PV Facilities and associated Infrastructure (i.e. Kudu Solar Facility 1 to Kudu Solar Facility 14) <i>Applicant: Kudu Solar Facility 1 (Pty) Ltd; Kudu Solar Facility 2 (Pty) Ltd; Kudu Solar Facility 3 (Pty) Ltd; Kudu Solar Facility 4 (Pty) Ltd; Kudu Solar Facility 5 (Pty) Ltd; Kudu Solar Facility 6 (Pty) Ltd; Kudu Solar Facility 7 (Pty) Ltd; Kudu Solar Facility 8 (Pty) Ltd; Kudu Solar Facility 9 (Pty) Ltd; Kudu Solar Facility 10 (Pty) Ltd; Kudu Solar Facility 11 (Pty) Ltd; Kudu Solar Facility 12 (Pty) Ltd; Kudu Solar Facility 13 (Pty) Ltd; Kudu Solar Facility 14 (Pty) Ltd</i>	Scoping and EIA Process	<ul style="list-style-type: none"> • Portion 0 (RE) of Farm Basberg 88 • Portion 3 of Farm Basberg 88 • Portion 4 of Farm Basberg 88 • Portion 2 of Farm Grass Pan 40 • Portion 0 (RE) of Farm Annex Wolwe Kull 41 • Portion 1 of Farm Annex Wolwe Kull 41 • Portion 0 (RE) of Farm Wolwe Kullen 42 • Portion 2 of Farm Wolwe Kull 43
15 - 28	PROJECTS 15 TO 28: The proposed development of Switching Stations and Collector Stations at each On-Site Substation Complex at each of the 14 x Kudu Solar Facilities, and up to 14 x 132 kV Overhead Power Lines running from each Solar Facility to the proposed Collector Station(s) or up to the proposed Main Transmission Substation (MTS) <i>Applicant: ABO Wind renewable energies (Pty) Ltd</i>	BA Process	<ul style="list-style-type: none"> • Portion 0 (RE) of Farm Basberg 88 • Portion 3 of Farm Basberg 88 • Portion 4 of Farm Basberg 88 • Portion 2 of Farm Grass Pan 40 • Portion 0 (RE) of Farm Annex Wolwe Kull 41 • Portion 1 of Farm Annex Wolwe Kull 41 • Portion 0 (RE) of Farm Wolwe Kullen 42 • Portion 2 of Farm Wolwe Kull 43 • Portion 5 of Farm Koppie Aileen 83 • Portion 1 of Farm Koppie Aileen 83 • Portion 4 of Farm Koppie Aileen 83

¹ ABO Wind renewable energies (Pty) Ltd is the holding company. Various subsidiary companies will serve as the Project Applicants.

Board members: Prof. T. Majoji (Chairperson), Dr A. Childs, Dr R. Masango, Mr S. Masie, Ms T. Mokhabuki, Dr V. Mthethwa, Mr J. Netshitenzhe, Dr C. Render, Mr C. Shariff, Dr T. Dlamini (CEO)

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

No.	Projects	Environmental Assessment Process	Affected Farm Portions
29	<p>PROJECT 29: The proposed development of an independent 400/132 kV MTS, including associated infrastructure at the MTS such as 132 kV busbar and feeder bay(s), and 500 MVA 400/132 kV transformer(s) with transformer bay(s)</p> <p><i>Applicant: ABO Wind renewable energies (Pty) Ltd</i></p>	BA Process	<ul style="list-style-type: none"> • Portion 3 of Farm Basberg 88 • Portion 5 of Farm Kopy Alleen 83 • Portion 1 of Farm Kopy Alleen 83 • Portion 4 of Farm Kopy Alleen 83
30	<p>PROJECT 30: 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.</p> <p><i>Applicant: ABO Wind renewable energies (Pty) Ltd</i></p>		

A request has been submitted to the National Department of Environment, Forestry and Fisheries (DFFE) for consideration for the EAP to submit combined Applications for EA and associated Scoping, EIA and BA Reports; and for the Specialists to submit combined specialist reports per theme, in terms of Regulation 11 (4) of the 2014 NEMA EIA Regulations (as amended), and the issuing of multiple EAs (should they be granted) in terms of Regulation 25 (1) and (2) of the 2014 NEMA EIA Regulations (as amended). Depending on the DFFE's decision-making on the combination request, either single or combined Applications for EA and Scoping, EIA or BA Reports will be compiled and provided to stakeholders for comment and to the DFFE for decision-making.

An integrated Public Participation Process (PPP) is being undertaken for the Scoping, EIA and BA Processes due to the proximity of the sites (i.e. the proposed projects will take place within the same geographical area) and similar project activities.

In line with the above, you are hereby notified of the release of the Background Information Document (BID) for the proposed projects for a 30-day comment period, which extends from 6 June 2022 to 7 July 2022 (excluding public holidays).

The BID can be accessed on the project website (<https://www.csir.co.za/environmental-impact-assessment>).

Should you wish to register as an Interested and Affected Party (I&AP) and/or to provide comments on these proposed projects, you are kindly requested to e-mail, fax or mail your name, contact details and project-related comments to the EAP at the contact details provided below by 7 July 2022:

- Attention: Rohaida Abed
- Email: ems@csir.co.za
- Postal address: P.O. Box 59081, Umbilo, Durban, 4075
- Tel: 031 242 2300
- Fax: 031 261 8172

I&APs will be notified of the availability of and opportunity to comment on upcoming Draft Scoping Reports, Draft EIA Reports and Draft BA Reports once available.

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, EIA and BA 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,



Paul Lochner *Registered EAP*
EMS Manager and Project Leader
CSIR - Environmental Management Services



Rohaida Abed *Pr. Sci. Nat.*
Project Manager
CSIR - Environmental Management Services

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

2. Email 1 sent to all I&APs, Stakeholders and Organs of State on 3 June 2022

From: EMS
Sent: Friday, 03 June 2022 17:30
To: EMS
Subject: Availability of BID for Comment - Kudu Solar PV and EGI
Attachments: BID_Kudu_PV_EGI_FINAL_020622.pdf; Kudu PV_EGI_Letter 1_BID Release_General IAPs_FINAL_030622.pdf

Categories: This message has been archived by Retain on July 12 2022 11:08

Dear Stakeholders and I&APs

RE: NOTIFICATION OF THE RELEASE OF A BACKGROUND INFORMATION DOCUMENT FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE 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 14 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 300 MWac.

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 projects require Environmental Authorisation (EA). The Council for Scientific and Industrial Research (CSIR) has been appointed as the Environmental Assessment Practitioner (EAP) to undertake the required Environmental Assessments. Projects 1 to 14 will each require a full Scoping and EIA Process. Projects 15 to 30 will each require a Basic Assessment (BA) Process.

The Background Information Document (BID) for the proposed projects is hereby released for a 30-day public comment period, which extends from **6 June 2022** to **7 July 2022**.

The BID is attached to this email and can also be accessed on the project website (<https://www.csir.co.za/environmental-impact-assessment>). Kindly find attached a cover letter that provides additional detail.

You are kindly requested to register your interest and submit any comments you may have on the BID to the EAP at 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.

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
Fax: 031 261 8172

APPENDICES













SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

3. Proof of Delivery of Email 1 sent to all I&APs, Stakeholders and Organs of State on 3 June 2022

EMS - Delivery Reports						By Subject ▾ ↓
From	Subject	Received	Size	Categories	Mention	
postmaster@salga.o... You don't often get email from postmaster@salga.org.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	121 KB	This message has been...		
postmaster@outloo... You don't often get email from postmaster@outlook.com. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	121 KB	This message has been...		
postmaster@birdlife... You don't often get email from postmaster@birdlife.org.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	126 KB	This message has been...		
postmaster@birdlife... You don't often get email from postmaster@birdlife.org.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	127 KB	This message has been...		
Mail Delivery System [You don't often get email from mailer-daemon@airmail.nashuakimberley.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]	Relayed: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	70 KB	This message has been...		
postmaster@weathe... You don't often get email from postmaster@weathersa.co.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	120 KB	This message has been...		
Mail Delivery System [You don't often get email from mailer-daemon@airmail.nashuakimberley.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]	Expanded: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	69 KB	This message has been...		
postmaster@outloo... You don't often get email from postmaster@outlook.com. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	122 KB	This message has been...		
postmaster@agrink... You don't often get email from postmaster@agrink.co.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	126 KB	This message has been...		
postmaster@wessa... You don't often get email from postmaster@wessa.co.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	128 KB	This message has been...		
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Mail Delivery System [You don't often get email from mailer-daemon@pta-smg2.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]	Relayed: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	90 KB	This message has been... This is the mail system at host pta-smg2.csir.co.za. Your message was successfully		
postmaster@agrisa... Your message has been delivered to the following recipients:	Delivered: Availability of BID for Comment - Kudu Solar PV and EGI	Fri 03 Jun 2022 17:31	123 KB	This message has been...		








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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 7) and associated infrastructure, near De Aar, Northern Cape Province

	Mail Delivery System Relayed: Availability of BID for Comment - Kudu Solar PV and EGI [You don't often get email from mailer-daemon@pta-smg2.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification] This is the mail system at host pta-smg2.csir.co.za. Your message was successfully	Fri 03 Jun 2022 17:41	71 KB	This message has been...
	Mail Delivery System Relayed: Availability of BID for Comment - Kudu Solar PV and EGI [You don't often get email from mailer-daemon@pta-smg2.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification .] This is the mail system at host pta-smg2.csir.co.za. Your message was successfully	Fri 03 Jun 2022 17:35	65 KB	This message has been...
	postmaster@r-n.co.za Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@r-n.co.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:32	129 KB	This message has been...
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	postmaster@dws.go... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@dws.gov.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	134 KB	This message has been...
	postmaster@dws.go... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@dws.gov.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	134 KB	This message has been...
	Mail Delivery System Relayed: Availability of BID for Comment - Kudu Solar PV and EGI [You don't often get email from mailer-daemon@pta-smg2.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification] This is the mail system at host pta-smg2.csir.co.za. Your message was successfully	Fri 03 Jun 2022 17:31	108 KB	This message has been...
	postmaster@dws.go... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@dws.gov.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	134 KB	This message has been...
	postmaster@dws.go... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@dws.gov.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	134 KB	This message has been...
	postmaster@dws.go... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@dws.gov.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	134 KB	This message has been...
	postmaster@birdlife... Delivered: Availability of BID for Comment - Kudu Solar PV and EGI You don't often get email from postmaster@birdlife.org.za. Learn why this is important < https://aka.ms/LearnAboutSenderIdentification >	Fri 03 Jun 2022 17:31	127 KB	This message has been...

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	Mail Delivery System Relayed: Availability of BID for Comment - Kudu Solar PV and EGI [You don't often get email from mailer-daemon@pta-smg2.csir.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification] This is the mail system at host pta-smg2.csir.co.za. Your message was successfully	Fri 03 Jun 2022 17:31	63 KB	This message has been...
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	Microsoft Outlook Delivered: Availability of BID for Comment - Kudu Solar PV and EGI Your message has been delivered to the following recipients:	Fri 03 Jun 2022 17:30	1 MB	This message has been...
	Microsoft Outlook Delivered: Availability of BID for Comment - Kudu Solar PV and EGI Your message has been delivered to the following recipients:	Fri 03 Jun 2022 17:30	1 MB	This message has been...
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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

4. Proof of Upload of the BID to the Project Website

The screenshot shows a web browser window with the URL [csir.co.za/documents/bidkudupvegfinal020622pdf-0](https://www.csir.co.za/documents/bidkudupvegfinal020622pdf-0). The page displays the CSIR logo and navigation menu. The main content area shows a breadcrumb trail: Home > BID_KUDU_PV_EGI_FINAL_020622.PDF. Below the breadcrumb, there is a PDF icon and the filename [BID_Kudu_PV_EGI_FINAL_020622.pdf](#). The footer contains four columns of information: QUICK LINKS, LEGISLATION AND COMPLIANCE, GENERAL ENQUIRIES, and SOCIAL CONNECT. The QUICK LINKS column lists various internal pages. The LEGISLATION AND COMPLIANCE column lists legal notices and manuals. The GENERAL ENQUIRIES column provides contact details for telephone, email, physical address, and postal address. The SOCIAL CONNECT column features social media icons and logos for COVID-19, health, and the NDP.

Environmental management serv x BID_Kudu_PV_EGI_FINAL_020622 x +

csir.co.za/documents/bidkudupvegfinal020622pdf-0

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- > Careers
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- > Publications
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- > News
- > Contact
- > Media Releases

LEGISLATION AND COMPLIANCE

- > Legal notice and disclaimer
- > Privacy notice
- > PAIA manual
- > Site map
- > CSIR Code of Conduct
- > CSIR Ethics Statement
- > Tenders
- > Expressions of Interest (Eoi)
- > CSIR: Copyright

GENERAL ENQUIRIES

Tel: + 27 12 841 2911
Email: enquiries@csir.co.za

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

5. Proof of Upload of the BID to the South African Heritage Resources Information System (SAHRIS)

The screenshot displays the SAHRIS (South African Heritage Resources Information System) website. The browser address bar shows the URL: <https://sahris.sahra.org.za/cases/kudu-solar-facilities-egi-and-associated-infrastructure>. The page features a navigation menu with 'Explore', 'Calendar', 'Maps', and 'Help'. The main content area is titled 'Heritage Cases' and 'Kudu Solar Facilities, EGI and Associated Infrastructure'. It includes a search bar, social media sharing options (Like 0, Tweet, in), and a 'Log in or register to post comments' link. The case details are as follows:

- Status:** Pending & Under Assessment
- HeritageAuthority(s):** SAHRA, NBKB
- Case Type:** Section 38 (8) - Statutory Comment Required
- Development Type:** Renewable Energy, Solar, Electrical Infrastructure
- ProposalDescription:** ABO Wind renewable energies (Pty) Ltd is proposing to develop 14 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.
- ApplicationDate:** Saturday, June 25, 2022 - 11:09
- CaseID:** 18899
- OtherReferences:**

Dept	CaseReference	DueDate	FinalDecision
DFFE		07/07/2022	

ReferenceList:

AdditionalDocuments:

1. Background Information Document_Kudu Solar and EGI
2. Letter 1_BID Release_Kudu Solar and EGI

A 'Back to Top' button is located at the bottom right of the main content area. The right sidebar contains various utility icons for search, home, and user profile.

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.4: COMMENTS RECEIVED FROM STAKEHOLDERS DURING THE 30-DAY REVIEW OF THE BACKGROUND INFORMATION DOCUMENT

App. E.4/...

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

1. General, Administrative, and Project Need Comments Received

From: XXXX
Sent: Wednesday, 08 June 2022 14:04
To: EMS <ems@csir.co.za>
Cc: XXXX; XXXX Subject: Kudu PV and EGI

You don't often get email from XXXX. [Learn why this is important](#)

Dear Rohaida,

I trust you are well.

Herewith I kindly request that myself, Colette Stander, with e-mail address eia@g7energies.com, be registered as an I&AP in all 30 Projects associated with the ABO Kudu Solar Facilities Cluster. This is to please include registration as an I&AP on all 14 solar projects and their related grid infrastructure processes as well as (i) the independent MTS and (ii) 400kV LILO application processes.

If I could also please request that confirmation of registration be sent through to me once done.

On Sat, 25 Jun 2022 at 12:58, EMS <ems@csir.co.za> wrote:

Dear Colette

Thank you for your email. We have added yourself, Colette Stander, with email address: eia@g7energies.com, to the stakeholder database for the proposed Kudu PV and EGI project.

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

Fax: 031 261 8172

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From:
Sent: Monday, 27 June 2022 08:50
To: EMS
Cc: eia@g7energies.com; XXXX; XXXX
Subject: Re: Kudu PV and EGI

Categories: This message has been archived by Retain on July 12, 2022, 11:08

You don't often get email from XXXX. [Learn why this is important](#)

Dear Rohaida,

Noted. Thank you very much for getting back to me.

With kind regards,
XXXX

From: XXXX Sent: Friday, 10 June 2022 08:22
To: EMS <ems@csir.co.za>
Subject: KUDU SOLAR FACILITIES & associated infrastructure I&AP
- ABO

You don't often get email from XXXX. [Learn why this is important](#)

Good morning Rohaida Abed,

I would like to register as a I&AP for the projects of KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE as well as the proposed MTS site of ABO.

Please kindly acknowledge email.

Thanks & kind regards,

XXXX|

From: EMS
Sent: Saturday, 25 June 2022 13:02
To: XXXX
Cc: EMS
Subject: RE: KUDU SOLAR FACILITIES & associated infrastructure I&AP - ABO

Categories: This message has been archived by Retain on July 12, 2022, 11:08

Dear XXXX

Thank you for your email. We have added yourself, with email address: XXXX, to the stakeholder database for the proposed Kudu PV and EGI project.

Kind Regards, Rohaida
Abed

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Friday, 10 June 2022 21:40
To: EMS <ems@csir.co.za>
Subject: REGISTRATION AS INTERESTED AND AFFECTED PARTY |

You don't often get email from XXXX. [Learn why this is important](#)

Dear Rohaida,

Thank you for the notice and the BID regarding the proposed development of the solar photovoltaic facilities.

Herewith, I would like to register as an Interested and Affected Party on behalf of the XXXX, who own the Property "XXXX".

Would you be so kind as to send me all available information and specialist reports regarding the proposed development of the solar photovoltaic facilities, for information and comment, as they become [available](#) please?

Thank You.

Kind Regards.

XXXX

From: EMS
Sent: Saturday, 25 June 2022 13:08
To: XXXX
Cc: EMS
Subject: RE: REGISTRATION AS INTERESTED AND AFFECTED PARTY

This message has been archived by Retain on July 12, 2022, 11:08

XXXX

Thanks very much for your email and registration as an I&AP. Your details will be maintained on the stakeholder database for the proposed Kudu PV and EGI project.

We are currently in the Project Initiation Phase and will forward you the website links to the Draft Scoping, [EIA](#) and BA Reports as they become available for comment.

Kind Regards,
Rohaida Abed

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Wednesday, 22 June 2022 12:15
To: EMS <ems@csir.co.za>
Subject: Kudu Solar
PV

You don't often get email from XXXX. [Learn why this is important](#)
[The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)]
Dear Rohaida

I am a direct neighbour of the proposed development of the Kudu Solar PV in the Renosterberg Municipality, where the developers plan to [build](#) 14 Solar PV facilities.

So, I will like to be registered as an I&AP to give comments about this development.

Regards XXXX

Email: XXXX

Cell: XXXX

From: EMS
Sent: Saturday, 25 June 2022 13:23
To: XXXX
Cc: EMS
Subject: RE: Kudu Solar PV
Attachments: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 12, 2022, 11:08
Dear XXXX

Thanks very much for your email and registration as an I&AP. Your details were included on the pre-identified stakeholder database and will be maintained for the proposed Kudu PV and EGI project.

We are currently in the Project Initiation Phase and will forward you the website links to the Draft Scoping, [EIA](#), and BA Reports as they become available for comment.

Please kindly let us know if you have any comments on the Background Information Document (attached). The comment period closes on 7 July 2022.

Kind Regards,
Rohaida Abed

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Monday, 06 June 2022 07:37
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 12, 2022, 11:08

You don't often get email from XXXX. [Learn why this is important](#)

To whom it may concern

In future, please use eia@ewt.org.za and remove me from the mail list please. Regards

XXXX
Senior Manager: Operations

Endangered Wildlife Trust

W XXXX | XXXX | XXXX



Broad-Based Black Economic Empowerment – BBBEE Level 7 Certificate & 95% Civil Society Organisation PBO number: 930 001 777
NPO number: 015-502 NPO
IT number: IT 6247

Physical Address: 27 and 28 Austin Road, Glen Austin AH, Midrand, 1685, Gauteng, South Africa
Postal Address: Suite # 027, Suite 002, Private Bag X08, Wienda Park 0149, Gauteng, South Africa



From: AgriSA <agrisa@agrisa.co.za>
Sent: Monday, 06 June 2022 11:42
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 12, 2022, 11:08

Good day

Please send information of this nature to Agri SA's head of natural resources – janse@agrisa.co.za Regards

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Tuesday, 27 September 2022 14:10
To: EMS
Subject: Kudu PV and EGI¹

Categories: This message has been archived by Retain on October 04, 2022, 20:21

You don't often get email from XXXX. [Learn why this is important](#)

[The e-mail server of the sender could not be verified (SPF Record)]

Hi there,

I would like to register as I&AP for the project.

Thank you
XXXX

From: XXXX
Sent: Tuesday, 08 November 2022 12:19
To: EMS
Subject: Register as an I&AP on RE projects

You don't often get email from XXXX. [Learn why this is important](#)

Dear CSIR,

Please can I be registered as an I&AP on the following Projects:

1. Kaladokhwe WEF 1,2 &3;
2. Revised Draft and Final BAR for proposed 132kV Kwagga Overhead powerline projects
3. Komass [WEF](#);
4. Padloper [PV](#);
5. Kudu Solar PV; 6. Aardvark PV, and
7. Vhuvhili SEF.

Thank you.

Best regards, XXXX Senior Business Development Manager – Wind

Scatec

Mobile: XXXX

Phone: XXXX

Email: XXXX

Address: 3 Dock Road, 2nd Floor North Wing, Waterway House, V&A Waterfront, Cape Town, 8001, South Africa
<http://www.scatec.com>

Follow us on 

Please consider the environment before printing this e-mail.

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Tuesday, 30 August 2022 03:54
To: EMS <ems@csir.co.za>
Subject: Kudu Solar PV Facilities, EGI & Associated Infrastructures: Registration as I&AP and request for .KMZ

You don't often get email from publicprocess@savannahsa.com. [Learn why this is important](#)

Dear Rohaida,

It would be appreciated if you can register me as representative from Savannah Environmental on the above-mentioned projects' database/databases.

Our interest in the cluster of projects is that we are conducting environmental studies for the Hydra B Cluster of Solar PV Facilities in the same study area.

Would you also please share the .KMZ of the proposed sites and EGI with us.



Kind regards,

XXXX

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com c: XXXX

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Processing of personal Information / POPIA compliance

We respect your privacy and acknowledge that this e-mail will contain Personal Information, which may belong to you, others and/or to your organization and which we will process. The processing of your personal information by Savannah Environmental may be included in reports submitted to governmental departments or on our public platforms, which processing will be done in accordance with our processing notice housed on our website - <https://savannahsa.com/privacy-policy-privacy-policy-page/>. By sending and/or receiving

From: EMS <ems@csir.co.za>
Sent: Sunday, 04 September 2022 10:30
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: EMS <ems@csir.co.za>
Subject: RE: Kudu Solar PV Facilities, EGI & Associated Infrastructures: Registration as I&AP and request for .KMZ

Hi XXXX

I hope that you are well. Thank you for your email. We have added you to our database of I&APs for the Kudu project.

Please see attached the KMZ of affected farm properties for the Kudu PV projects. The buildable areas of the PV projects are still being finalized and will be noted in the Draft Scoping Report.

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Please let me know if you have any feedback on the proposed Hydra B substation, including a status of the Environmental Assessment process and proposed location?|

Please kindly acknowledge receipt of the attached?

Thanks and kind regards,
Rohaida

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Monday, 05 September 2022 03:25
To: EMS
Subject: RE: Kudu Solar PV Facilities, EGI & Associated Infrastructures: Registration as I&AP and request for .KMZ

Categories: This message has been archived by Retain on September 12, 2022 20:02
Hi Rohaida,

We herewith acknowledge receipt of the .KMZ file attached to your e-mail below.

We will respond shortly on the EIA status and the requested .KMZ.

Kind regards,

savannah
environmental

t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

XXXX
Public Participation and Social
Consultant

e: publicprocess@savannahsa.com c:
XXXX

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: XXXX
Sent: Monday, 08 August 2022 21:45
To: EMS
Subject: Kudu PV and EGI

Categories: This message has been archived by Retain on August 16, 2022, 19:43

You don't often get email from XXXX. [Learn why this is important](#)

Dear Me Rohaida Abed

As the owner of the farm Graspan, I am directly involved in my personal capacity. I confirmed that I am interested as an I&AP of ABO Wind Energies and Keren Energy nearby Hydra B.

Name: XXXX
Cell: XXXX
Email: XXXX

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Wednesday, 20 July 2022 18:26
To: EMS
Subject: Fw: Aansoek tot registrasie as 'n I&AP Hydra B

Categories: This message has been archived by Retain on July 28, 2022, 21:06

You don't often get email from XXXX. [Learn why this is important](#)

H.D.L.

Hiermee doen ek aansoek dat u my sal registreer as 'n Belangstellende en Geaffekteerde Party (I & AP) tot die beoogde ontwikkeling deur ABO Wind Energies naby die beplande Hydra B.

Naam: XXXX
Tel. XXXX
E-pos: XXXX
Adres: XXXX

Rede: Ek beskik oor eiendom in die geaffekteerde gebied.

beste wense
XXXX

From: XXXX
Sent: Monday, 04 July 2022 13:46
To: EMS
Subject: I&AP Kudu solar facilities and associated infrastructure

Categories: This message has been archived by Retain on July 17, 2022, 06:55

You don't often get email from XXXX. [Learn why this is important](#)

Good afternoon Rohaida Abed,

I would like to be registered in the stakeholder database for the proposed Kudu PV and EGI project.

Please kindly acknowledge receipt of this email.

Best regards,
XXXX

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Monday, 04 July 2022 09:44
To: XXXX; EMS
Subject: Registrasie as I&AP - Odyssey 1 Solar tot Odyssey 8 Solar PV Fasiliteite

Categories: This message has been archived by Retain on July 12, 2022, 11:08

You don't often get email from XXXX. [Learn why this is important](#)

Vir aandag: Enviro Africa CSIR Reference 0548

Goeiedag,

Dié e-pos gaan oor die projek in Renosterber Munisipaliteit en is geleë ongeveer 44 km noordoos van De Aar en 19 km noordwes van Philipstown. Dit is [die](#) Odyssey 1 Solar tot Odyssey 8 Solar PV Fasiliteit.

Ek wil as buurman registreer as I&AP.

Groete
XXXX
Selnommer XXXX
e-pos XXXX (voorkeur metode van korrespondeer)

Sent from [Mail](#) for Windows

From: XXXX
Sent: Thursday, 30 June 2022 18:40
To: EMS
Subject: I&AP

Categories: This message has been archived by Retain on July 12, 2022, 11:08

You don't often get email from XXXX. [Learn why this is important](#)

Rohaida

I am a close neighbour of the intended development of the Kudu Solar PV plant in the Renosterberg Municipality where developers are intending to build 14 Solar PV facilities.

I would like to register as I&AP and to be able to participate in the processes regarding comments etc. about this development.

Regards
XXXX (Director – Ryssel Boerdery)

Email: XXXX
Cell: XXXX

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: XXXX
Sent: Tuesday, 28 June 2022 09:49
To: EMS
Subject: Kudu PV and EGI

Categories: This message has been archived by Retain on July 12, 2022, 11:08

Dear Rohaida,

I kindly request to be included as an I&AP in the projects referred to in the subject line.

Thanks and regards
XXXX

From: XXXX
Sent: Thursday, 30 June 2022 07:14
To: EMS
Subject: RE: Kudu Solar Photovoltaic (PV) cluster

Categories: This message has been archived by Retain on July 12, 2022, 11:08

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Dear Rohaida

I am a close neighbour of the proposed development of the Kudu Solar PV in the Renosterberg Municipality, where the developers plan to build 14 Solar PV facilities.

So, I will like to be registered as an I&AP to give comments about this development.

Regards XXXX

Email: XXXX

Cell: XXXX

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Rohaida Abed <RAbed@csir.co.za>
Sent: 02 September 2022 09:06
To: clinton@enviroafrica.co.za
Cc: Helen Antonopoulos <HAntonopoulos@csir.co.za>
Subject: Proposed Keren Energy Odyssey Solar PV Facilities - Stakeholder Registration

Dear Clinton

I hope that you are well.

We are aware of proposed Keren Energy Odyssey Solar PV Facilities near Philipstown in the Northern Cape (Odyssey Solar 1 to 8).

The Environmental Management Services (EMS) group of the CSIR is also undertaking Environmental Assessment processes for the proposed Kudu Solar Facility cluster in the vicinity. Here is a link to the Background Information Document for additional information: <https://www.csir.co.za/documents/bidkudupvegifinal020622pdf-0>

Would it be possible to please register myself and Helen Antonopoulos on the project database of I&APs?

Please see our email addresses below:

- Rohaida Abed – RAbed@csir.co.za
- Helen Antonopoulos - HAntonopoulos@csir.co.za

Our preferred method of notification is email.

Our interest in the application is as stated above (i.e. Environmental Assessment Practitioner for a nearby Solar PV development).

Would it be possible to please send us a KMZ file of the affected properties of the proposed Odyssey Solar PV projects? Please also kindly let us know what the status of the project is?

Thanks and kind regards,
Rohaida

From: Clinton <clinton@enviroafrica.co.za>
Sent: Friday, 02 September 2022 10:14
To: Rohaida Abed <RAbed@csir.co.za>
Cc: Helen Antonopoulos <HAntonopoulos@csir.co.za>
Subject: RE: Proposed Keren Energy Odyssey Solar PV Facilities - Stakeholder Registration

Hi Rohaida

Many thanks, you and Helen have been registered. Please also find attached the KMZ file as requested.

Could you also please register EnviroAfrica (my details) on your application.

Thanks in advance

Best Regards,

Clinton Geyser
EAPASA Reg. No. 2021/3287



Environmental Assessment Practitioner
EnviroAfrica cc

p: [REDACTED] m: [REDACTED]
f: [REDACTED]
a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130
P.O. Box 5367, Helderberg, 7135
w: www.enviroafrica.co.za e: clinton@enviroafrica.co.za

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Rohaida Abed
Sent: Monday, 05 September 2022 15:00
To: Clinton <clinton@enviroafrica.co.za>
Cc: Helen Antonopoulos <HAntonopoulos@csir.co.za>; EMS <ems@csir.co.za>
Subject: RE: Proposed Keren Energy Odyssey Solar PV Facilities - Stakeholder Registration

Dear Clinton

Many thanks for your email and the KMZ of the proposed Odyssey Solar PV cluster.

Your details have been included on our project database.

Please let us know if the KMZ is as per the map provided in the site notice for the proposed Odyssey project? The KMZ shows that the Odyssey project extends over Portion 3 of Farm 88. Is this correct?

Please also kindly let us know what the status of the project is?

Thanks and kind regards,
Rohaida

From: Rohaida Abed
Sent: Wednesday, 07 September 2022 17:41
To: Clinton
Cc: Helen Antonopoulos; EMS
Subject: RE: Proposed Keren Energy Odyssey Solar PV Facilities - Stakeholder Registration

Categories: This message has been archived by Retain on September 14 2022 21:05

Hi Clinton

I hope that you are well. Apologies for the follow up. Please kindly let us know if you have any feedback on the query below (i.e. status of the proposed Odyssey project, and whether it extends over Portion 3 of Farm 88)?

Thanks and kind regards,
Rohaida

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: [XXXX](#)
Sent: Thursday, 30 June 2022 18:40
To: EMS <ems@csir.co.za>
Subject:
I&AP

You don't often get email from [XXXX](#). [Learn why this is important](#)

Rohaida

I am a close neighbour of the intended development of the Kudu Solar PV plant in the Renosterberg Municipality where developers are intending to build 14 Solar PV facilities.

I would like to register as I&AP and to be able to participate in the processes regarding comments etc. about this development.

Regards

XXXX (Director - XXXXXXXXXX)
Email: XXXX
Cell: XXXX

From: EMS <ems@csir.co.za>
Sent: Monday, July 18, 2022, 2:46 PM
To: XXXX
Cc: EMS <ems@csir.co.za>
Subject: RE: I&AP

Dear XXXX

Thanks very much for your email and registration as an I&AP. Your details have been included on the stakeholder database for the proposed Kudu PV and EGI project.

We are currently in the Project Initiation Phase and will forward you the website links to the Draft Scoping, EIA, and BA Reports as they become available for comment.

Attached is the cover letter and Background Information Document for additional information on the project.

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
Fax: 031 261 8172

From: XXXX
Sent: Monday, 18 July 2022 19:24
To: EMS
Subject: RE: I&AP

Categories: This message has been archived by Retain on July 25, 2022, 23:42

You don't often get email from XXXX. [Learn why this is important](#)

I am not David

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) 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: Natalie Uys <nuys.denc@gmail.com>
Sent: Monday, 20 June 2022 14:22
To: EMS <ems@csir.co.za>
Subject: Re: Availability of BID for Comment - Kudu Solar PV and EGI

You don't often get email from nuys.denc@gmail.com. [Learn why this is important](#)

Good afternoon

Could you please provide the spatial GIS/ KML layer to enable us to provide comments on the project.

Kind regards
Natalie

From: EMS
Sent: Saturday, 25 June 2022 13:12
To: Natalie Uys
Cc: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI
Attachments: ABO Proposed 15x PV Projects.kmz
Categories: This message has been archived by Retain on July 12 2022 11:08

Dear Natalie

Thank you very much for your email, it is appreciated.

Please see attached the KMZ file of the proposed affected farm portions for the proposed projects, as well as the EGI corridor. This serves as the study area.

Please kindly let me know if you require any additional information.

Please could you kindly acknowledge receipt of this email, and kindly let me know if you are able to send us comments by 7 July 2022?

Kind Regards,
Rohaida Abed

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Elsabe Swart <elsabe.dtec@gmail.com>
Sent: Thursday, 07 July 2022 08:37
To: EMS
Cc: Natalie Uys; Samantha De la Fontaine
Subject: Comments: Availability of BID for Comment - Kudu Solar PV and EGI
Attachments: Comments_Kudu PV & EGI_5July.pdf

Categories: This message has been archived by Retain on July 17 2022 06:55

You don't often get email from elsabe.dtec@gmail.com. [Learn why this is important](#)

Dear Rohaida,

Due to loadshedding challenges I was unable to send our comments yesterday. Thus, please accept my sincere apology for not being able to get it to you by yesterday.

I trust that you will find the attached still of value though.

Please feel free to contact Natalie (or Samantha de la Fontaine if Natalie is not available) should you have any questions.

--

Regards
Elsabè

E SWART
SCIENTIFIC MANAGER GR B: ENVIRONMENTAL RESEARCH AND DEVELOPMENT
Pr.Sci.Nat.

Department of Agriculture, Environmental Affairs, Rural Development and Land Reform
Private Bag X6102
Kimberley
8300

Permit office, Kimberley: - dencpermits@gmail.com / 053 807 7300/ 081 463 4839 Permit forms:
<https://docs.google.com/document/d/1YEmVt4YHNfljnodXqmwTa3O10ilka3fs7PRk0GiZXXs/pub>
<http://daerl.ncpg.gov.za/intranet>
Tel. 053 - 807 7300
Mobile 082 4582954
elsabe.dtec@gmail.com

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) 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: nuy.s.denc@gmail.com, web: www.agrinc.gov.za

Date:	5 July 2022	File:	
To:	ems@csir.co.za	From:	N Uys
Subject: RE: BACKGROUND INFORMATION DOCUMENT BASIC ASSESSMENT (BA) AND SCOPING & ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESSES FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE, AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE			

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: BACKGROUND INFORMATION DOCUMENT BASIC ASSESSMENT (BA) AND SCOPING & ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESSES FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE, AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

Your Background information document dated May 2022 has reference.

1. The biggest concern is that the project falls in an Important Bird Areas and proper avifauna surveys must be conducted in order to mitigate the impacts on birds, as there are already a lot of power lines in the area.
2. Please incorporate into the assessment the ESKOM maintenance roads under power line(s) for maintenance and fire breaks (there is specific sizes for specific line sizes).
3. Please note the area is also an arid landscape and temporary roads leave scars in the landscape for years.
4. Please include under *cumulative impacts* assessed other developments such as agriculture and mining. Also include in the assessment the other renewable energy projects and their associated power lines, especially the Hydra B Cluster of Renewable Energy Facilities & Grid Connection Infrastructure that is located adjacent to this development.
5. It is recommended that all Environmental Authorisations for Renewable Energy (RE) projects as well as power lines must be re-evaluated if there are any changes in the way RE projects are approved for the De Aar area.
6. Fauna and flora permits will be needed for removal of flora and fauna for both the power line(s) and the renewable energy facilities.

Yours sincerely



APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

NUYS

PRODUCTION SCIENTIST GRADE A: BOTANIST



E. SWART

SCIENTIFIC MANAGER GR B: RESEARCH AND DEVELOPMENT SUPPORT

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

3. Comments received from the South African Heritage Resources Agency

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Monday, 06 June 2022 09:40
To: EMS <ems@csir.co.za>
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI
Importance: Low

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

Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.

Please create **an application on SAHRIS** and upload all documents pertaining to the Environmental Authorisation Application 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), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.

Once all documents including all appendices are uploaded to the case applications, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application.

From: EMS <ems@csir.co.za>
Sent: 25 June 2022 12:51
To: Natasha Higgitt <nhiggitt@sahra.org.za>
Cc: EMS <ems@csir.co.za>
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Dear Natasha

I hope that you are well.

We have created a case on SAHRIS and uploaded the BID. The case number is 18899.

The link is here: <https://sahris.sahra.org.za/cases/kudu-solar-facilities-egi-and-associated-infrastructure>

Please let me know if all is ok with the upload and if you are able to kindly send through comments by 7 July 2022, if possible?

Kind Regards,
Rohaida Abed

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Natasha Higgitt
Sent: 27 June 2022 12:03
To: 'EMS' <ems@csir.co.za>
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI
Importance: Low

Good morning,

I have taken note of the application and assigned myself to the case. As per section 3 of the NEMA EIA regulations, SAHRA has 30 days in which to provide a comment. As such, please expect comments by the 26 July 2022.

Regards,

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Monday, 25 July 2022 16:27
To: EMS <ems@csir.co.za>
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

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

After reviewing the case, I note that one combination application is being requested from DFFE for 30 different developments, and that 30 EAs will be issued if granted.

Unfortunately SAHRIS is not designed to handle combination applications and our case tracking and reporting system requires EA specific applications on SAHRIS.

Please create separate SAHRIS applications per development, providing specific development application details in each of the Proposal description and specific EA numbers on page 3 of the application.

Additionally, please ensure that the combination HIA that is drafted has specific sections per development providing the results, assessment and recommendations per development so that specific comments may be issued per SAHRIS application.

Regards,

From: EMS <ems@csir.co.za>
Sent: 27 July 2022 15:07
To: Natasha Higgitt <nhiggitt@sahra.org.za>
Cc: EMS <ems@csir.co.za>
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Hi Natasha

Thanks for the discussion yesterday. As discussed, this is the pre-application BID phase hence a combined case has been created for all 30 proposed projects. We are focusing now on the 14 PV projects. Separate cases will be created once we lodge the Applications for Environmental Authorisation (EA) for the 14 proposed PV projects. Separate cases will also be created at a later stage once the BA processes for the EGI projects are commissioned.

As discussed, we have updated the proposal description on SAHRIS. Thanks again for your assistance with this.

Kind Regards,
Rohaida

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Thursday, 28 July 2022 16:16
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on August 04 2022 20:01

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

Please note that an Interim Comment has been issued on SAHRIS Case ID 18899. Please see link to the case:

<https://sahris.sahra.org.za/cases/kudu-solar-facilities-egi-and-associated-infrastructure>

Please note that the status of the case will be changed to For Noting, as no further documents will be uploaded to this case.

Kind regards,

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Kudu Solar Facilities, EGI and Associated Infrastructure

Our Ref:



T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: **Natasha Higgitt**
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 18899

Date: **Thursday July 28, 2022**
Page No: 1

Interim Comment

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

Attention: ABO Wind Renewable Energies (Pty) Ltd

ABO Wind renewable energies (Pty) Ltd is proposing to develop 14 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 14 Solar PV facilities. Separate Basic Assessment (BA) processes will be commissioned, once finalised, for the EGI projects.

The Council for Scientific and Industrial Research (CSIR) has been appointed by ABO Wind Renewable Energies (Pty) Ltd to conduct Environmental Authorisation (EA) Applications for the proposed development of 14 Solar Photovoltaic (PV) facilities near De Aar, Northern Cape Province.

A Scoping and Environmental Impact Assessment Process will be followed in terms of the National Environmental Management Act, 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed PV projects will include a solar field, building infrastructure, an on-site substation and associated infrastructure. The developments will cover a range of 30 to 550 ha each. The BID notes that a combination application will be requested from the Department of Forestry, Fisheries and the Environment (DFFE). Through a telephonic conversation with CSIR, it is noted that this was not accepted, and 14 separate EA application process will now be followed for the PV projects.

It is noted that a Heritage Impact Assessment and a Palaeontological Impact Assessment will be conducted for the developments.

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit notes the pending EA applications and requests that 14 separate SAHRIS applications be submitted with specific details per development, including unique kml files for the mapping of the location of the developments.

The assessment of the impact to heritage resources must comply with section 38(3) of the National Heritage

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Kudu Solar Facilities, EGI and Associated Infrastructure

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 18899

Date: Thursday July 28, 2022
Page No: 2

Resources Act, Act 25 of 1999 (NHRA) and each HIA must be development specific. A combination report where all 14 PV developments are assessed in one report will not be accepted. The PIA may be a combination report (as it is understood that this has already been completed), however, the HIAs must include development specific results from the PIA into each separate HIA.

Further comments will be issued upon receipt of Scoping documents.

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

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:
Direct URL to case: <https://sahris.sahra.org.za/node/599884>
(DFFE, Ref:)

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

4. Comments received from the Department of Forestry, Fisheries, and Environment

From: Rofhiwa Magodi <RMagodi@dffe.gov.za>
Sent: Wednesday, 06 July 2022 11:57
To: EMS
Cc: Karl Naude; Thivhulawi Nethononda
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 17 2022 06:55

You don't often get email from rmagodi@dffe.gov.za. [Learn why this is important](#)

Good day Rohaida

Our telephonic conversation bears reference.

Kindly share with us the documents so we can provide informed comments on your proposed project.

Alternatively, we can provide comments when you take out documents such as scoping or basic assessment reports for a 30-day public review.

Kind regards,
Magodi Rofhiwa



**forestry, fisheries
& the environment**

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Protected Areas Planning and Management Effectiveness
Private Bag X447, Pretoria, 0001
Environment House, Steve Biko Street, Arcadia, 0002
Tel. 012 399 8801 E-mail: rmagodi@environment.gov.za
Website: www.environment.gov.za

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

5. Comments received from the Civil Aviation Authority

From: Lizell Stroh <StrohL@caa.co.za>
Sent: Monday, 18 July 2022 13:23
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 25 2022 23:42

Good day, kindly find the new Procedure as on the CAA website to follow towards Solar farms proposed.

<http://www.caa.co.za/Pages/Default.aspx>

<http://www.caa.co.za/Pages/Obstacles/Urgent-notice.aspx>

Obstacle Notice 1/2022 – Appointment of New Windfarm and Solar Obstacle Application Service Provider

Kindly be advised, Air Traffic and Navigation Services (ATNS) has been appointed as the Obstacle application Service Provider for Windfarms on 1 May 2021. They will be also responsible for Solar Obstacle Applications from the 1st of February 2022. All new Solar applications must be lodged to obstacles@atns.co.za.

Their responsibility would pertain to the assessments, maintenance, and all other related matters in respect to Windfarms and Solar assessments

The contact details for ATNS is:

Obstacle Evaluator
ATNS Head Office
Tel: +2711 6071000 (Ask for Obstacle Evaluators)
Email: Obstacles@atns.co.za

Obstacle Notice 3/2020 (Replacement for 17/11/2017): Additional Requirements for Solar Project Applications

Kindly note that with immediate effect, A Glint & Glare Assessment will be required as soon as the proposed site is located on the extended runway centreline within the ICAO Annex 14 Approach Surface, Take-Off Climb Surface & Departure Surface, and within 3km radius around an Aerodrome/helicopter as per Part 139.01.30 (3).

The new solar project applications must be accompanied by a Glint & Glare Impact Assessment Report with specific relevance to aviation & aircraft operations. It is recommended that a Glint & Glare Impact Assessment Report be obtained for solar project applications which have already been submitted to the SACAA.

There are various organisations who can perform glint & glare impact assessment. It is however recommended that a credible organisation be utilised for this purpose.

Please note that the cost for any Impact Assessment Report will be for the account of the applicant.

Kind regards



Lizell Stroh
Obstacle Inspector
Aerodrome Infrastructure
Aviation Infrastructure
Tel: +27 11 545 1232 | Mobile: +27 083 461 6660
Email: Strohl@caa.co.za | www.caa.co.za
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Take time out for an **on-site**, full-day programme designed for women in aviation. Insightful discussions, networking opportunities and live entertainment will be the order of the day.

#NAGS2022
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19 August 2022

National
Aviation
Gender
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INSPIRE | CONNECT | IDEATE

PLANET 50-50
BY 2030!



Enquiries: Thambi Mohlamonyane | mohlamonyanet@caa.co.za

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

6. Comments received from Telkom: PV7

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 06 June 2022 08:00
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 12 2022 11:08

Good day

Do you require a letter for each of the 14 Solar PV Facilities or a letter for each of the 30 projects?

Kind regards

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

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 13 June 2022 12:08
To: EMS
Subject: FW: CPLT0294-22 Kudu Solar Facility 7

Categories: This message has been archived by Retain on July 12 2022 11:08

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote CPLT0294-22.

Kind regards

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

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Wednesday, 06 July 2022 14:17
To: EMS
Cc: Vivian Groenewald (VR)
Subject: CPLT0294-22 Kudu Solar Facility 7
Attachments: CPLT0294-22 COVER LETTER TO AUTH.PDF; CPLT0294-22 UPDATED SKETCH.PDF

Categories: This message has been archived by Retain on July 17 2022 06:55

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 [REDACTED] [REDACTED] 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.

Kind regards

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

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province



Mvelaphande Trading

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

Enquiries: Chris Schutte
Telephone: 078 741 5862
E-mail: Schuttee5@telkom.co.za

Our Ref no: CPLT0294-22

Your Ref: Kudu Solar Facility 7

06 July 2022

CSIR Environmental Management Services
PO Box 395
Pretoria
0001

FOR ATTENTION: Rohaida Abed

RE: NOTIFICATION OF THE RELEASE OF A BACKGROUND INFORMATION DOCUMENT FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE 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 to 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 [REDACTED] 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 ; Makgake M.G

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) 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: [REDACTED] 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: [REDACTED] Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

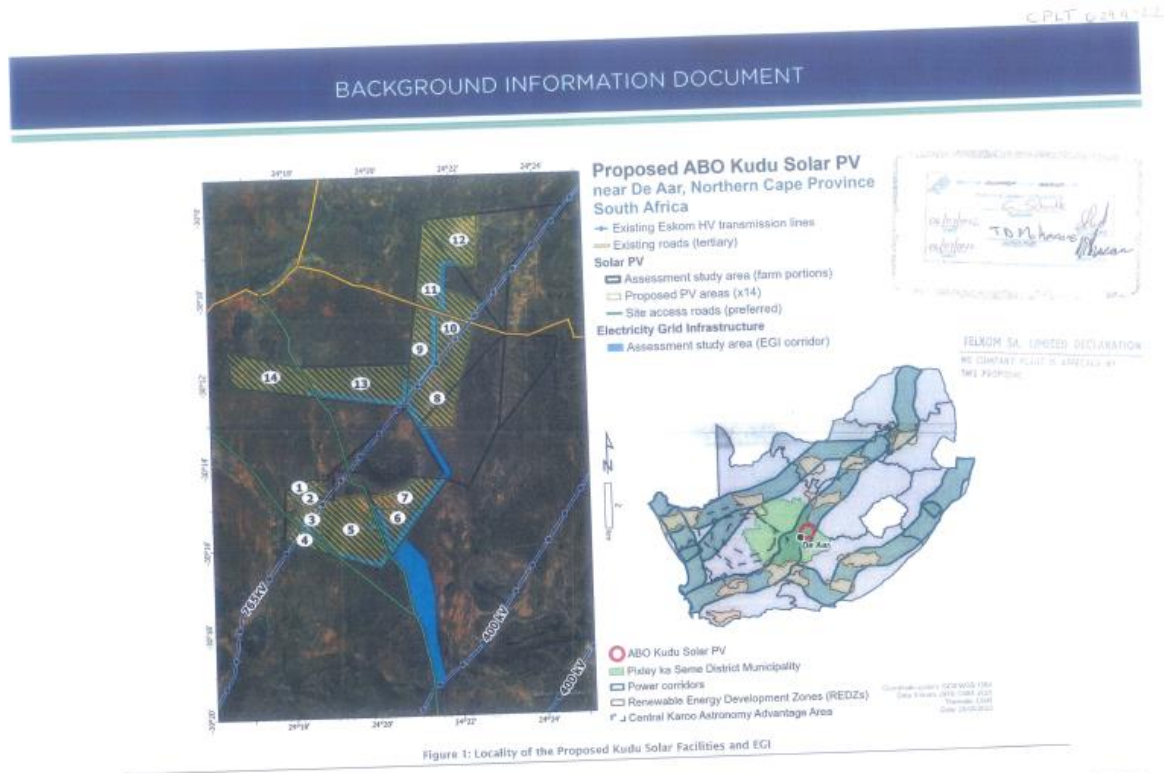
Yours sincerely



CHRIS SCHUTTE

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province



From: EMS [mailto:ems@csir.co.za]
Sent: 18 July 2022 02:34 PM
To: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Cc: EMS <ems@csir.co.za>
Subject: RE: CPLT0288-22 Kudu Solar Facility 1

EXTERNAL EMAIL: Do not click any links or open any attachments, unless you trust the sender and know that the content is safe.

Dear Chris

Thank you so much for the letters (30 in total) for the proposed Kudu projects.

We have been through the sketches provided and none seem to include the Openserve infrastructure – please confirm? Is this because none of the Openserve infrastructure will be affected by the proposed project?

Thanks
Rohaida

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 18 July 2022 14:52
To: EMS
Subject: RE: CPLT0288-22 Kudu Solar Facility 1

Categories: This message has been archived by Retain on July 25 2022 23:42

Good day

Yes I can confirm none of Openserve infrastructure will be affected.

Kind regards

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

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

7. Comments received from Telkom: PV13

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 06 June 2022 08:00
To: EMS
Subject: RE: Availability of BID for Comment - Kudu Solar PV and EGI

Categories: This message has been archived by Retain on July 12 2022 11:08

Good day

Do you require a letter for each of the 14 Solar PV Facilities or a letter for each of the 30 projects?

Kind regards

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

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 13 June 2022 13:47
To: EMS
Subject: FW: CPLT0300-22 Kudu Solar Facility 13

Categories: This message has been archived by Retain on July 12 2022 11:08

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote CPLT0300-22.

Kind regards

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

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Wednesday, 06 July 2022 14:30
To: EMS
Cc: Vivian Groenewald (VR)
Subject: CPLT0300-22 Kudu Solar Facility 13
Attachments: CPLT0300-22 COVER LETTER TO AUTH.PDF; CPLT0300-22 UPDATED SKETCH.PDF

Categories: This message has been archived by Retain on July 17 2022 06:55

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 to 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 [REDACTED] 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.

Kind regards

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

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APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province



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

Enquiries: Chris Schutte
Telephone: 078 741 5862
E-mail: Schutce5@telkom.co.za

Our Ref no: CPLT0300-22

Your Ref: Kudu Solar Facility 13

06 July 2022

CSIR Environmental Management Services
PO Box 395
Pretoria
0001

FOR ATTENTION: Rohaida Abed

RE: NOTIFICATION OF THE RELEASE OF A BACKGROUND INFORMATION DOCUMENT FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED DEVELOPMENT OF 14 SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITIES), ELECTRICITY GRID INFRASTRUCTURE AND VARIOUS ASSOCIATED INFRASTRUCTURE, NEAR DE AAR, NORTHERN CAPE

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

APPENDICES

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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 [REDACTED] Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

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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 [REDACTED] 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

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province



From: EMS [mailto:ems@csir.co.za]
Sent: 18 July 2022 02:34 PM
To: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Cc: EMS <ems@csir.co.za>
Subject: RE: CPLT0288-22 Kudu Solar Facility 1

EXTERNAL EMAIL: Do not click any links or open any attachments, unless you trust the sender and know that the content is safe.

Dear Chris

Thank you so much for the letters (30 in total) for the proposed Kudu projects.

We have been through the sketches provided and none seem to include the Openserve infrastructure – please confirm? Is this because none of the Openserve infrastructure will be affected by the proposed project?

Thanks
Rohaida

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Monday, 18 July 2022 14:52
To: EMS
Subject: RE: CPLT0288-22 Kudu Solar Facility 1

Categories: This message has been archived by Retain on July 25 2022 23:42

Good day

Yes I can confirm none of Openserve infrastructure will be affected.

Kind regards

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

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

APPENDIX E.5: COMMENTS AND RESPONSES TRAIL

App. E.5/...

APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

An integrated Public Participation Process is being undertaken for the proposed projects, which include the 12 Solar Photovoltaic (PV) Facilities, as well as associated infrastructure and Electrical Grid Infrastructure (EGI). The EGI projects (i.e. Projects 13 to 26) will be undertaken at a later stage, and the current focus and subject of the Draft Scoping Reports are the Solar PV projects (Projects 1 to 12).

Separate Applications for Environmental Authorisation (EA) have been requested by the Department of Forestry, Fisheries and the Environment (DFFE). Therefore 12 separate Scoping Reports have been compiled.

The tables below include the comments and/or issues raised by stakeholders and Interested and Affected Parties (I&APs) following the release of the Background Information Document for a 30-day comment period, extending from 6 June 2022 to 7 July 2022, together with the responses from the project team. The original comments received (emails and letters) are included in Appendix E.4 of this Scoping Report. Please note that the comments are verbatim as provided by the stakeholders and I&APs.

The comments included in this appendix only apply to the Kudu Solar Facility 7 project, however in some cases, comments relating to the other PV Facilities have been included for context or background purposes (where necessary). Comments and responses for the remaining Kudu Solar Facilities are included in the respective Scoping Reports.

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

COMMENTS RECEIVED FROM THE NORTHERN CAPE DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
20 June 2022 Email Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform: Environmental Research and Development (ERD) (Natalie Uys)	Could you please provide the spatial GIS/ KML layer to enable us to provide comments on the project.	CSIR: This request is noted. The requested KMZ file was sent to this stakeholder via email on 25 June 2022.
7 July 2022 Letter (Received via email on 7 July 2022) Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform: Environmental Research and Development (ERD) (Natalie Uys and Elsabè Swart)	Cover email: Due to loadshedding challenges I was unable to send our comments yesterday. Thus, please accept my sincere apology for not being able to get it to you by yesterday.	CSIR: These comments are noted, and responses provided below: <ul style="list-style-type: none"> ▪ Response to Comment 1: An Avifaunal Specialist has been appointed to undertake a specialist study as part of the Scoping and Environmental Impact Assessment (S&EIA) Process for the proposed Kudu

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COMMENTS RECEIVED FROM THE NORTHERN CAPE DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>I trust that you will find the attached still of value though.</p> <p>Please feel free to contact Natalie (or Samantha de la Fontaine if Natalie is not available) should you have any questions.</p> <p>Letter:</p> <p>Your Background information document dated May 2022 has reference.</p> <ol style="list-style-type: none"> 1. The biggest concern is that the project falls in an Important Bird Areas and proper avifauna surveys must be conducted in order to mitigate the impacts on birds, as there are already a lot of power lines in the area. 2. Please incorporate into the assessment the Eskom maintenance roads under power line(s) for maintenance and fire breaks (there is specific sizes for specific line sizes). 3. Please note the area is also an arid landscape and temporary roads leave scars in the landscape for years. 4. Please include under cumulative impacts assessed other developments such as agriculture and mining. Also include in the assessment the other renewable energy projects and their associated power lines, especially the Hydra B Cluster of Renewable Energy Facilities & Grid Connection Infrastructure that is located adjacent to this development. 5. It is recommended that all Environmental Authorisations for Renewable Energy (RE) projects as well as power lines must be re-evaluated if there are any changes in the way RE projects are approved for the De Aar area. 	<p>Solar Facilities. The detailed study will be provided during the EIA Phase; however a thorough Scoping Level Assessment has been provided in Appendix G.4 of this Scoping Report. An integrated pre-construction monitoring programme is currently being implemented at within the study area. The pre-construction avifaunal monitoring programme is following an adapted Regime 2 protocol as defined in the Birds and Solar Energy best practice guidelines (Jenkins et al. 2017) which require a minimum of two surveys over a six-month period. The impact of the proposed project on avifauna will be assessed in detail in the EIA Phase, however various sensitive areas have been identified and avoided, where possible and relevant.</p> <ul style="list-style-type: none"> ▪ Response to Comment 2: 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 (LILO) (Kudu EGI Project 26). These projects are located within the Central Strategic Transmission Corridor that was gazetted in GN 113 in February 2018 and will therefore be subjected to <u>separate Basic Assessment (BA) Processes and/or</u>

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COMMENTS RECEIVED FROM THE NORTHERN CAPE DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	6. Fauna and flora permits will be needed for removal of flora and fauna for both the power line(s) and the renewable energy facilities.	<p><u>Registration via the Power Line and Substation Standard [Government Gazette 47095; GN 2313, dated 27 July 2022]. The EGI therefore does not form part of the current Scoping Report, however Eskom will be consulted with to discuss specifications for the maintenance roads below power lines and fire breaks as part of the separate EGI projects.</u></p> <ul style="list-style-type: none"> ▪ Response to Comment 3: This impact is noted, has been addressed as part of the Scoping Level Assessments, and will be assessed in detail during the EIA Phase, and appropriate mitigation measures will be included in the EMPr at the EIA Phase. ▪ Response to Comment 4: Refer to each Scoping Level Specialist Assessment in Appendix G of the Scoping Report, for a high-level cumulative impact assessment, where relevant. This will be refined and assessed in detail during the EIA Phase. Chapter 7 of the Scoping Report also provides a list of the projects that will be considered in the cumulative impact assessment during the EIA Phase. The National Department of Forestry, Fisheries, and the Environment (DFFE) Renewable Energy EIA Application (REEA) Database and South African Heritage Resources Information System (SAHRIS) were used to identify other renewable energy and EGI projects within a 30 km radius of the proposed projects that have received an EA or have been

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COMMENTS RECEIVED FROM THE NORTHERN CAPE DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
		<p>constructed at the commencement of the Scoping Phase. Other EGI and renewable energy projects that are currently at the Application for Environmental Authorisation (EA) Phase, where these have been identified, will also be considered in the cumulative impact assessment. This includes the proposed Keren Energy Odyssey Solar PV Facilities; and the proposed Hydra B Cluster of Renewable Energy Facilities and Grid Connection Infrastructure projects that are located in the vicinity of the proposed Kudu Solar Facilities. The CSIR has requested mapping files of the affected farm properties from the Environmental Assessment Practitioners undertaking these projects, however these have not been provided for the latter project. The cumulative impact assessment will only be focused on other renewable energy and EGI developments.</p> <ul style="list-style-type: none"> ▪ Response to Comment 5: Note that the CSIR has requested clarification from the Department on this comment. De Aar is located outside of the 30 km radius that will be used in the cumulative impact assessment. ▪ Response to Comment 6: This has been addressed in the Terrestrial Biodiversity and Species Scoping Level Assessment (Appendix G.2 of this Scoping Report) and will be considered in detail in

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COMMENTS RECEIVED FROM THE NORTHERN CAPE DEPARTMENT OF AGRICULTURE, ENVIRONMENTAL AFFAIRS, RURAL DEVELOPMENT AND LAND REFORM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
		the EIA Phase. All relevant permits will be applied for prior to construction, after Environmental Authorisation is issued, should such authorisation be granted.

2. Comments received from Telkom

COMMENTS RECEIVED FROM TELKOM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
6 June Email Mvelaphande Trading, Telkom (Chris Schutte)	Do you require a letter for each of the 14 Solar PV Facilities or a letter for each of the 30 projects?	CSIR: This comment is noted and was discussed with the stakeholder telephonically. Separate letters are required for each project. Note, as mentioned in the Scoping Report, the proposed project originally included 14 Solar PV projects, however following the discussions with landowners, consideration of capacities in the Bid Window 6 and environmental sensitivities identified by the Specialists during the Scoping Phase, the proposed projects were re-clustered and a total of 12 Solar PV projects are now being proposed.
13 June Email Mvelaphande Trading, Telkom (Chris Schutte)	Kudu Solar Facility 7 (Telkom Reference Number: CPLT0294-22) Hereby do we acknowledge your proposed project. For future reference please quote CPLT0294-22.	CSIR: This comment is noted with thanks. As noted above, the proposed project originally included 14 Solar PV projects, however a total of 12 Solar PV projects are now being proposed. Overall, the original Kudu Solar Facility 7 has been removed, and the original Kudu Solar Facility 13 has been changed to Kudu Solar Facility 7.

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COMMENTS RECEIVED FROM TELKOM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
<p>6 July 2022 Email Mvelaphande Trading, Telkom (Chris Schutte)</p>	<p>Kudu Solar Facility 7 (Telkom Reference Number: CPLT0294-22)</p> <p>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.</p> <p>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 to damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.</p> <p>Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number XXXX from our Network Field Services. Two (2) weeks prior to commencement of proposed work.</p> <p>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.</p>	<p>CSIR: This approval in terms of Section 29 of the Electronic Communications Act (Act 36 of 2005, as amended) is noted with thanks. Relevant information from the approval will be incorporated into the project Environmental Management Programme (EMPr) during the Environmental Impact Assessment (EIA) Phase.</p> <p>As noted above, the proposed project originally included 14 Solar PV projects, however a total of 12 Solar PV projects are now being proposed. Overall, the original Kudu Solar Facility 7 has been removed, and the original Kudu Solar Facility 13 has been changed to Kudu Solar Facility 7.</p>

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COMMENTS RECEIVED FROM TELKOM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>Any changes / deviations from the original planning during or prior to construction must immediately be communicated to this office.</p> <p>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.</p> <p>Mr Vivian Groenewald must be contacted at telephone number XXXX. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.</p> <p>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.</p> <p>Please notify this office and forward an as built plan, within 30 days of completion of construction.</p> <p>Mr Vivian Groenewald must be contacted at telephone number XXXX. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.</p>	
6 July 2022 Email	Kudu Solar Facility 13 (Telkom Reference Number: CPLT0300-22)	CSIR: This approval in terms of Section 29 of the Electronic Communications Act (Act 36 of 2005, as

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COMMENTS RECEIVED FROM TELKOM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
Mvelaphande Trading, Telkom (Chris Schutte)	<p>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.</p> <p>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 to damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.</p> <p>Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number XXXX from our Network Field Services. Two (2) weeks prior to commencement of proposed work.</p> <p>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.</p> <p>Any changes / deviations from the original planning during or prior to construction must immediately be communicated to this office.</p>	<p>amended) is noted with thanks. Relevant information from the approval will be incorporated into the project Environmental Management Programme (EMPr) during the Environmental Impact Assessment (EIA) Phase.</p> <p>As noted above, the proposed project originally included 14 Solar PV projects, however a total of 12 Solar PV projects are now being proposed. Overall, the original Kudu Solar Facility 7 has been removed, and the original Kudu Solar Facility 13 has been changed to Kudu Solar Facility 7.</p>

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COMMENTS RECEIVED FROM TELKOM		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>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.</p> <p>Mr Vivian Groenewald must be contacted at telephone number XXXX. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.</p> <p>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.</p> <p>Please notify this office and forward an as built plan, within 30 days of completion of construction.</p> <p>Mr Vivian Groenewald must be contacted at telephone number XXXX. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.</p>	
<p>18 July 2022 Email Mvelaphande Trading, Telkom (Chris Schutte)</p>	<p>Yes, I can confirm none of Openserve infrastructure will be affected.</p>	<p>CSIR: This comment is in response to a follow up query sent by the CSIR with regards to whether the sketches provided include the Openserve infrastructure, and to confirm that such infrastructure will not be impacted on by the proposed project.</p>

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

COMMENTS RECEIVED FROM THE SOUTH AFRICAN HERITAGE RESOURCES AGENCY (SAHRA)		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
6 June 2022 Email SAHRA (Natasha Higgitt)	<p>Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: http://sahra.org.za/sahris/. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.</p> <p>Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application 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), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.</p> <p>Once all documents including all appendices are uploaded to the case applications, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application.</p>	<p>CSIR: This request is noted. A case was created on the South African Heritage Resources Information System (SAHRIS) (with Case Number: 18899), and the Background Information Document (BID) was uploaded at the following link: https://sahris.sahra.org.za/cases/kudu-solar-facilities-egj-and-associated-infrastructure</p>
27 June 2022 Email SAHRA (Natasha Higgitt)	<p>I have taken note of the application and assigned myself to the case. As per section 3 of the NEMA EIA regulations, SAHRA has 30 days in which to provide a comment. As such, please expect comments by the 26 July 2022.</p>	<p>CSIR: This comment is noted.</p>
25 July 2022 Email SAHRA (Natasha Higgitt)	<p>After reviewing the case, I note that one combination application is being requested from DFFE for 30 different developments, and that 30 EAs will be issued if granted.</p>	<p>CSIR: This was discussed telephonically with the SAHRA case officer on 26 July 2022. It was noted that it was the pre-application Background Information Document (BID) phase, hence a combined case was created for all 30</p>

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COMMENTS RECEIVED FROM THE SOUTH AFRICAN HERITAGE RESOURCES AGENCY (SAHRA)		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>Unfortunately SAHRIS is not designed to handle combination applications and our case tracking and reporting system requires EA specific applications on SAHRIS.</p> <p>Please create separate SAHRIS applications per development, providing specific development application details in each of the Proposal description and specific EA numbers on page 3 of the application.</p> <p>Additionally, please ensure that the combination HIA that is drafted has specific sections per development providing the results, assessment and recommendations per development so that specific comments may be issued per SAHRIS application.</p>	<p>proposed projects on SAHRIS (Case Number: 18899), and currently the PV projects are the focus, and the Electricity Grid Infrastructure (EGI) projects will be lodged at a later stage. Separate cases will be created on SAHRIS once the Applications for Environmental Authorisation (EA) for the proposed PV projects are lodged. Separate cases will also be created at a later stage once the Environmental Assessment processes for the EGI projects are commissioned.</p>
<p>28 July 2022 Email SAHRA (Natasha Higgitt)</p>	<p>Please note that an Interim Comment has been issued on SAHRIS Case ID 18899. Please see link to the case:</p> <p>https://sahris.sahra.org.za/cases/kudu-solar-facilities-egi-and-associated-infrastructure</p> <p>Please note that the status of the case will be changed to For Noting, as no further documents will be uploaded to this case.</p>	<p>CSIR: This comment is noted.</p>
<p>28 July 2022 Email SAHRA (Natasha Higgitt)</p>	<p>Interim Comment</p> <p>In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)</p> <p>Attention: ABO Wind Renewable Energies (Pty) Ltd</p> <p>ABO Wind renewable energies (Pty) Ltd is proposing to develop 14 Solar Photovoltaic (PV) power generation facilities and</p>	<p>CSIR: This comment is noted. As noted above, the proposed project originally included 14 Solar PV projects, however a total of 12 Solar PV projects are now being proposed. Nonetheless, separate cases will be created on SAHRIS for each project, with specific details submitted per project, including unique mapping files for the location of each project. This will be undertaken upon submission of the Applications for Environmental Authorisation (EA) for the PV projects.</p>

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COMMENTS RECEIVED FROM THE SOUTH AFRICAN HERITAGE RESOURCES AGENCY (SAHRA)		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>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 14 Solar PV facilities. Separate Basic Assessment (BA) processes will be commissioned, once finalised, for the EGI projects.</p> <p>The Council for Scientific and Industrial Research (CSIR) has been appointed by ABO Wind Renewable Energies (Pty) Ltd to conduct Environmental Authorisation (EA) Applications for the proposed development of 14 Solar Photovoltaic (PV) facilities near De Aar, Northern Cape Province.</p> <p>A Scoping and Environmental Impact Assessment Process will be followed in terms of the National Environmental Management Act, 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The proposed PV projects will include a solar field, building infrastructure, an on-site substation and associated infrastructure. The developments will cover a range of 30 to 550 ha each. The BID notes that a combination application will be requested from the Department of Forestry, Fisheries and the Environment (DFFE). Through a telephonic conversation with CSIR, it is noted that this was not accepted, and 14 separate EA application process will now be followed for the PV projects.</p> <p>It is noted that a Heritage Impact Assessment and a Palaeontological Impact Assessment will be conducted for the developments.</p>	<p>The assessment of the impact to heritage resources will comply with Section 38(3) of the National Heritage Resources Act (Act 25 of 1999) (NHRA) during the EIA Phase, by way of the Heritage Impact Assessment (HIA) that will be undertaken. The HIA will be separated and specific to each project.</p> <p>A Site Sensitivity Verification (SSV) has been undertaken by a qualified Palaeontologist during the Scoping Phase (Appendix G.7 of the Scoping Report). The SSV has confirmed that the entire study area (in which all 12 PV projects and associated EGI) will be constructed is in fact of low to very low palaeo-sensitivity, and as a result, no further assessments are required or deemed necessary. A Chance Fossil Finds Procedure has been recommended as part of the SSV and will be integrated into the Environmental Management Programme (EMPr) that will be compiled as part of the EIA Phase.</p>

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COMMENTS RECEIVED FROM THE SOUTH AFRICAN HERITAGE RESOURCES AGENCY (SAHRA)		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>Interim Comment</p> <p>The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit notes the pending EA applications and requests that 14 separate SAHRIS applications be submitted with specific details per development, including unique kml files for the mapping of the location of the developments.</p> <p>The assessment of the impact to heritage resources must comply with section 38(3) of the National Heritage Resources Act, Act 25 of 1999 (NHRA) and each HIA must be development specific. A combination report where all 14 PV developments are assessed in one report will not be accepted. The PIA may be a combination report (as it is understood that this has already been completed), however, the HIAs must include development specific results from the PIA into each separate HIA.</p> <p>Further comments will be issued upon receipt of Scoping documents.</p> <p>Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p>	

4. Comments received from AGRISA

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COMMENTS RECEIVED FROM AGRISA		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
6 June 2022 Email AgriSA	Please send information of this nature to Agri SA's head of natural resources – <i>janse@agrisa.co.za</i>	CSIR: This comment is noted. This email address was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.

5. Comments received from the Department of Forestry, Fisheries, and the Environment (DFFE) - Protected Areas, Planning and Management Effectiveness Directorate

COMMENTS RECEIVED FROM THE DEPARTMENT OF FORESTRY, FISHERIES, AND THE ENVIRONMENT (DFFE) - PROTECTED AREAS, PLANNING AND MANAGEMENT EFFECTIVENESS DIRECTORATE		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
6 July 2022 Email Department of Forestry, Fisheries and the Environment: Protected Areas Planning and Management Effectiveness Directorate (Magodi Rofhiwa)	Our telephonic conversation bears reference. Kindly share with us the documents so we can provide informed comments on your proposed project. Alternatively, we can provide comments when you take out documents such as scoping or basic assessment reports for a 30-day public review.	CSIR: This request is noted. The requested KMZ file was sent to the Department via email on 18 July 2022 in order to seek high level comment.

6. Comments received from the Civil Aviation Authority

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COMMENTS RECEIVED FROM THE CIVIL AVIATION AUTHORITY		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
<p>18 July 2022 Email South African Civil Aviation Authority (Lizell Stroh)</p>	<p>Good day, kindly find the new Procedure as on the CAA website to follow towards Solar farms proposed.</p> <p>http://www.caa.co.za/Pages/Default.aspx http://www.caa.co.za/Pages/Obstacles/Urgent-notice.aspx</p> <p>Obstacle Notice 1/2022 – Appointment of New Windfarm and Solar Obstacle Application Service Provider</p> <p>Kindly be advised, Air Traffic and Navigation Services (ATNS) has been appointed as the Obstacle application Service Provider for Windfarms on 1 May 2021. They will be also responsible for Solar Obstacle Applications from the 1st of February 2022. All new Solar applications must be lodged to obstacles@atns.co.za.</p> <p>Their responsibility would pertain to the assessments, maintenance, and all other related matters in respect to Windfarms and Solar assessments.</p> <p>The contact details for ATNS is: Obstacle Evaluator ATNS Head Office Tel: +2711 6071000 (Ask for Obstacle Evaluators) Email: Obstacles@atns.co.za</p> <p>Obstacle Notice 3/2020 (Replacement for 17/11/2017): Additional Requirements for Solar Project Applications</p> <p>Kindly note that with immediate effect, A Glint & Glare Assessment will be required as soon as the proposed site is located on the</p>	<p>CSIR: The new procedure towards proposed Solar PV Facilities from a Civil Aviation perspective is noted. The Air Traffic and Navigation Services (ATNS) has been added to the project database, as shown in Appendix D of the Scoping Report. A copy of the Background Information Document was also sent to the ATNS for comment. ATNS has not provided any feedback to date, however they will be consulted further during the Scoping and EIA Process. The Project Applicant will also lodge the necessary documents for the Obstacle Application and Approval with the ATNS, when required.</p> <p>In terms of Civil Aviation features, a Civil Aviation Site Sensitivity Verification (SSV) has been undertaken and included in Appendix G.13 of this Scoping Report. The SSV concluded that the study area is within a low sensitivity area, and there are no civil aviation features and installations within the study area. Furthermore, the proposed project is not located on any extended runway centreline, nor is it located within 3 km of an aerodrome or heli-stop. Therefore, a Glint and Glare Assessment is not required.</p>

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COMMENTS RECEIVED FROM THE CIVIL AVIATION AUTHORITY		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>extended runway centreline within the ICAO Annex 14 Approach Surface, Take-Off Climb Surface & Departure Surface, and within 3km radius around an Aerodrome/helistop as pe Part 139.01.30 (3).</p> <p>The new solar project applications must be accompanied by a Glint & Glare Impact Assessment Report with specific relevance to aviation & aircraft operations. It is recommended that a Glint & Glare Impact Assessment Report be obtained for solar project applications which have already been submitted to the SACAA.</p> <p>There are various organisations who can perform glint & glare impact assessment. It is however recommended that a credible organisation be utilised for this purpose.</p> <p>Please note that the cost for any Impact Assessment Report will be for the account of the applicant.</p>	

7. Comments received from General Stakeholders and I&APS

COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
<p>6 June 2022 Email Endangered Wildlife Trust (Constant Hoogstad)</p>	<p>In future please use eia@ewt.org.za and remove me from the mail list please.</p>	<p>CSIR: This request is noted. This I&AP was included on the I&AP project database initially. The email address provided will be used for all future correspondence, and originally included email address has been removed, as requested. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p>

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
8 June 2022 Email G7 Renewable Energies (Pty) Ltd (XXXX)	<p>Herewith I kindly request that myself, Colette Stander, with e-mail address <i>eia@g7energies.com</i>, be registered as an I&AP in all 30 Projects associated with the ABO Kudu Solar Facilities Cluster. This is to please include registration as an I&AP on all 14 solar projects and their related grid infrastructure processes as well as (i) the independent MTS and (ii) 400kV LILO application processes.</p> <p>If I could also please request that confirmation of registration be sent through to me once done.</p>	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
10 June 2022 Email Africoast Investments (Pty) Ltd (XXXX)	<p>I would like to register as a I&AP for the projects of: Kudu Solar Facilities), Electricity Grid Infrastructure and Various Associated Infrastructure, near De Aar, Northern Cape as well as the proposed MTS site of ABO.</p> <p>Please kindly acknowledge email.</p>	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
10 June 2022 Email XXXX Family Trust (XXXX)	<p>Thank you for the notice and the BID regarding the proposed development of the solar photovoltaic facilities.</p> <p>Herewith, I would like to register as an Interested and Affected Party on behalf of the XXXX Family Trust, who own the Property "Portion 4 of the Farm Grass Pan 40".</p> <p>Would you be so kind as to send me all available information and specialist reports regarding the proposed development of the solar photovoltaic facilities, for information and comment, as they become available please?</p> <p>Thank You.</p>	CSIR: This request is noted. This I&AP was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process and will be retained throughout. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
22 June 2022 Email XXXX	I am a direct neighbour of the proposed development of the Kudu Solar PV in the Renosterberg Municipality, where the developers plan to built 14 Solar PV facilities. So I will like to be registered as an I&AP to give comments about this development.	CSIR: This request is noted. This I&AP was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process and will be retained throughout. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
27 June 2022 Email G7 Renewable Energies (Pty) Ltd (XXXX)	Noted. Thank you very much for getting back to me.	CSIR: This comment is in response to a note from the CSIR regarding confirmation of inclusion of this stakeholder on the I&AP project database.
28 June 2022 Email Sirius Power (XXXX)	I kindly request to be included as an I&AP in the projects referred to in the subject line.	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
29 June 2022 Email (XXXX)	I want to register as an effected party.	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
30 June 2022 Email (XXXX)	I am a close neighbour of the proposed development of the Kudu Solar PV in the Renosterberg Municipality, where the developers plan to build 14 Solar PV facilities. So I will like to be registered as an I&AP to give comments about this development	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
30 June 2022 Email XXXX (XXXX) 18 July 2022 Email	Email 1: I am a close neighbour of the intended development of the Kudu Solar PV plant in the Renosterberg Municipality where developers are intending to build 14 Solar PV facilities. I would	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
XXXX (XXXX)	<p>like to register as I&AP and to be able to participate in the processes regarding comments etc. about this development.</p> <p>Email 2:</p> <p>I am not David.</p>	CSIR: With apologies, this was a typographical error in the above response to the I&AP. This was rectified in a follow up email to the I&AP.
4 July 2022 Email (XXXX)	<p>Vir aandag: Enviro Africa CSIR Reference 0548</p> <p>Dié e-pos gaan oor die projek in Renosterber Munisipaliteit en is geleë ongeveer 44 km noordoos van De Aar en 19 km noordwes van Philipstown. Dit is die Odyssey 1 Solar tot Odyssey 8 Solar PV Fasiliteit. Ek wil as buurman registreer as I&AP.</p> <p><i>Translation:</i></p> <p><i>Attention: Enviro Africa CSIR Reference 0548</i></p> <p><i>This email pertains to the project in the Renosterberg Municipality and is located approximately 44 km northeast of De Aar and 19 km northwest of Philipstown. It is the Odyssey 1 Solar to Odyssey 8 Solar PV Facility. I, as a neighbour, would like to register as an I&AP.</i></p>	<p>CSIR: This request is noted. This I&AP was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process and will be retained throughout. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p> <p>Note that this project is entitled the Kudu Solar Facilities and EGI. The Odyssey Solar Projects are being undertaken by another developer and are in the vicinity of the Kudu Solar Facility projects.</p>
4 July 2022 Email AKUO Energy (XXXX)	I would like to be registered in the stakeholder database for the proposed Kudu PV and EGI project. Please kindly acknowledge receipt of this email.	CSIR: This request is noted. This I&AP has been included on the I&AP project database and was notified accordingly. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
20 July 2022 Email (XXXX)	H.D.L.	CSIR: This request is noted. This I&AP was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process and will be

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>Hiermee doen ek aansoek dat u my sal registreer as 'n Belangstellende en Geaffekteerde Party (I & AP) tot die beoogde ontwikkeling deur ABO Wind Energies naby die beplande Hydra B.</p> <p>Naam: XXXX Tel. XXXX XXXX Adres: XXXX.</p> <p>Rede: Ek beskik oor eiendom in die geaffekteerde gebied.</p> <p><i>Translation:</i></p> <p><i>Herewith I would like to apply that you register me as an Interested and Affected Party (I&AP) to the proposed Hydra B development by ABO Wind Energies.</i></p> <p><i>Reason: I own property in the affected area.</i></p>	<p>retained throughout. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p> <p>Note that this project is entitled the Kudu Solar Facilities and EGI, and the Project Developer is ABO Wind renewable energies (PTY) Ltd. The proposed Hydra B development is being undertaken by another developer and are in the vicinity of the Kudu Solar Facility projects.</p>
8 August 2022 Email (XXXX)	As the owner of the farm Graspan, I am directly involved in my personal capacity. I confirmed that I am interested as an I&AP of ABO Wind Energies and Keren Energy nearby Hydra B.	CSIR: This request is noted. This I&AP was included on the pre-identified project database of I&APs and Organs of State at the outset of the EIA Process and will be retained throughout. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.
30 August 2022 Email Savannah Environmental (XXXX)	It would be appreciated if you can register me as representative from Savannah Environmental on the above-mentioned projects' database/databases.	CSIR: This request is noted. This I&AP has been included on the I&AP project database. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database. Additionally, the requested KMZ file

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
	<p>Our interest in the cluster of projects is that we are conducting environmental studies for the Hydra B Cluster of Solar PV Facilities in the same study area.</p> <p>Would you also please share the .KMZ of the proposed sites and EGI with us.</p>	<p>was sent to this stakeholder by the CSIR via email on 4 September 2022.</p>
<p>2 September 2022 Email EnviroAfrica (XXXX)</p>	<p>Many thanks, you and Helen have been registered. Please also find attached the KMZ file as requested.</p> <p>Could you also please register EnviroAfrica (my details) on your application.</p>	<p>CSIR: This request is noted. This I&AP has been included on the I&AP project database. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p> <p>This email is also in response to a request made by the CSIR for the KMZ file of the proposed Keren Energy Odyssey Solar PV Facilities. The KMZ file was provided to the CSIR accordingly, as requested.</p>
<p>5 September 2022 Email Savannah Environmental (XXXX)</p>	<p>We herewith acknowledge receipt of the .KMZ file attached to your e-mail below.</p> <p>We will respond shortly on the EIA status and the requested .KMZ.</p>	<p>CSIR: This email is in response to the receipt of the requested KMZ file of the proposed Kudu Solar Facilities provided by the CSIR.</p> <p>Furthermore, the CSIR also requested the KMZ file of the proposed Hydra B Cluster of Solar PV Facilities, as well as the status of the Application for Environmental Authorisation (EA) on 4 and 7 September, 20 October, and 8 November 2022.</p>
<p>27 September 2022 Email Veroniva (XXXX)</p>	<p>Hi there, I would like to register as I&AP for the project.</p>	<p>CSIR: This request is noted. This I&AP has been included on the I&AP project database. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p>

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COMMENTS RECEIVED FROM GENERAL STAKEHOLDERS AND I&APS		
DATE OF COMMENT, FORMAT OF COMMENT, NAME OF ORGANISATION/ I&AP	COMMENT	RESPONSE FROM THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) / APPLICANT / SPECIALIST
8 November 2022 Email Scatec (XXXX)	<p>Please can I be registered as an I&AP on the following Projects:</p> <ol style="list-style-type: none"> 1. Kaladokhwe WEF 1,2 &3; 2. Revised Draft and Final BAR for proposed 132kV Kwagga Overhead powerline projects 3. Komas WEF; 4. Padloper PV; 5. Kudu Solar PV; 6. Aardvark PV, and 7. Vhuvhili SEF. 	<p>CSIR: This request is noted. This I&AP has been included on the I&AP database for the Kudu PV and EGI project. The email address provided will be used for future correspondence. Refer to Appendix D of this Scoping Report for a copy of the I&AP database.</p>

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APPENDIX E.6: COPIES OF THE CONTENT OF AND PROOF OF PLACEMENT OF THE SITE NOTICE BOARDS

App. E.6/...

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1. Site Notice Board – English

NOTICE OF INTEGRATED PUBLIC PARTICIPATION PROCESS FOR THE SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT (S&EIA); AND BASIC ASSESSMENT (BA) PROCESSES FOR THE PROPOSED DEVELOPMENT OF TWELVE SOLAR PHOTOVOLTAIC (PV) FACILITIES (I.E. KUDU SOLAR FACILITY 1 TO 12) AND ASSOCIATED ELECTRICAL GRID INFRASTRUCTURE (EGI) (I.E. KUDU EGI PROJECT 13 TO 26), NEAR DE AAR IN THE NORTHERN CAPE PROVINCE

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 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**, and the total combined generation capacity is 2 180 MW. The Electrical Grid Infrastructure (EGI) Projects 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 (LILo) (**Kudu EGI Project 26**) to facilitate connection to the national grid. The proposed projects are located within the Renosterberg Local Municipality, which falls within the Pixley Ka Seme District Municipality. The Project Names, Project Applicants and Environmental Assessment Processes are shown below:

Project Name	Project Applicant	Environmental Assessment Process
<ul style="list-style-type: none"> ▪ 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). 	<ul style="list-style-type: none"> ▪ Kudu Solar Facility 1 (Pty) Ltd to Kudu Solar Facility 12 (Pty) Ltd 	<ul style="list-style-type: none"> ▪ Scoping and Environmental Impact Assessment (S&EIA)
<ul style="list-style-type: none"> ▪ PROJECTS 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 Facility to the proposed Collector Station(s) or up to the proposed Main Transmission Substation (MTS). 	<ul style="list-style-type: none"> ▪ ABO Wind renewable energies (Pty) Ltd 	<ul style="list-style-type: none"> ▪ Basic Assessment (BA) or Registration via the Power Line and Substation Standard [Government Gazette (GG) 47095; Government Notice (GN) 2313, dated 27 July 2022]
<ul style="list-style-type: none"> ▪ PROJECT 25: The proposed development of an independent 400/132 kV MTS, including associated infrastructure at the MTS. 	<ul style="list-style-type: none"> ▪ ABO Wind renewable energies (Pty) Ltd 	<ul style="list-style-type: none"> ▪ BA or Registration via the Power Line and Substation Standard [GG 47095; GN 2313, dated 27 July 2022]
<ul style="list-style-type: none"> ▪ 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. 	<ul style="list-style-type: none"> ▪ ABO Wind renewable energies (Pty) Ltd 	<ul style="list-style-type: none"> ▪ BA or Registration via the Power Line and Substation Standard [GG 47095; GN 2313, dated 27 July 2022]

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 Wolwe Kuil 41; Portion 1 of Farm Annex Wolwe Kuil 41; Portion 2 of Farm Wolwe Kuil 43; and Portion 0 (RE) of Farm Wolwe Kuilen 42. The EGI to support the proposed PV Facilities (Projects 13 to 26) will be constructed on some of the forementioned farm portions, as well as Portion 5 of Farm Koppie Alleen 83; Portion 1 of Farm Koppie Alleen 83 and Portion 4 of Farm Koppie Alleen 83. The number of affected properties per project will be confirmed as the Environmental Assessment Processes progress.

The proposed projects are **not** located within any of the gazetted Renewable Energy Development Zones (REDZs). Therefore, 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 1 to 12 (Projects 1 to 12)** will be subject to full **Scoping and EIA (S&EIA) Processes**, with a 107-day decision-making timeframe. **Projects 13 to 26** are located within the Central Strategic Transmission Corridor that was gazetted in Government Notice (GN) 113 in February 2018 and will therefore be subjected to **Basic Assessment (BA) Processes** and/or Registration via the Power Line and Substation Standard [Government Gazette (GG) 47095; GN 2313, dated 27 July 2022], with a reduced decision-making timeframe. Separate full S&EIA Reports will be compiled for the Solar PV Facilities (Projects 1 to 12), and separate BA Reports and/or EGI Standard Registration Reports will be compiled for the Kudu EGI Projects 13 to 26. Separate EAs and/or registrations will be issued for each project (should they be granted).

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 1 to 12 (Projects 1 to 12), and with the Draft BA Reports for the Kudu EGI Projects (Projects 13 to 26). 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 1 to 12 (Projects 1 to 12); GN R327 Listing Notice 1: Activity 11 (i) serving as the main activity for the Kudu EGI Projects (Projects 13 to 24); and GN R325 Listing Notice 2: Activity 9 serving as the main activity for the Kudu EGI Projects (Projects 25 to 26). The listed activities will be confirmed during the Environmental Assessment Processes. 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, and BA 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. Should you be interested in registering as an Interested and/or Affected Party (I&AP) and to provide comments on these proposed projects, 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; or Fax: 031 261 8172. View the project website for more updates and information: <https://www.csir.co.za/environmental-impact-assessment>



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2. Site Notice Board – Afrikaans

KENNISGEWING VAN DIE GEINTEGREERDE OPENBARE PUBLIEKE DEELNAME PROSES VIR DIE BESTEKOPNAME EN OMGEWINGSIMPAKSTUDIES- (“S&EIA”) EN BASIESE EVALUERINGSPROSESSE (“BA”) VIR DIE VOORGESTELDE ONTWIKKELING VAN TWAALF SON FOTOVOLTAÏESE (PV) FASILITEITE (NL. KUDU SON FASILITEIT 1 TOT 12) EN MEEGAANDE ELEKTRIESE NETWERK INFRASTRUKTUUR (“EGI”) (NL. KUDU EGI PROJEK 13 TOT 26) GELEË NABY DE AAR IN DIE NOORD-KAAP PROVINSIE

Die Projek-aansoeker, **ABO Wind renewable energies (Edms) Bpk**, is van voorneme om twaalf Son Fotovoltaïese (PV) Energie Opwekkingsfasiliteite en meegaande infrastruktuur, soos verskeie strukture, geboue en Battery Energie Bergingsisteme (“BESS”), op te rig naby De Aar in die Noord-Kaap Provinsie. Hierdie projekte staan bekend as **Kudu Son Fasiliteit 1 tot 12** en die totale gekombineerde opwekkingskapasiteit is 2180 MW. Die meegaande elektriese netwerk infrastruktuur projekte (“EGI”) sluit in 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” (“LILO”) (**Kudu EGI Projek 26**) om aansluiting by die nasionale elektriese netwerk in staat te stel. Die voorgestelde projekte is geleë in die Renosterberg Plaaslike Munisipaliteit wat val in die Pixley Ka Seme Distriksmunisipaliteit. Die Projekname, Projek-aansoekers en omgewingevalueringsprosesse is hieronder aangedui:

Projeknaam	Projek-aansoeker	Omgewingevalueringsproses
<ul style="list-style-type: none"> Projekte 1 tot 12: Die voorgestelde ontwikkeling van 12 Son Fasiliteite en meegaande infrastruktuur (nl. Kudu Son Fasiliteit 1 tot Kudu Son Fasiliteit 12) 	Kudu Solar Facility 1 (Edms) Bpk tot Kudu Solar Facility 12 (Edms) Bpk	Bestekopname en Omgewingsimpak Studie (S&EIA)
<ul style="list-style-type: none"> Projekte 13 tot 24: Die voorgestelde ontwikkeling van ontvanger- en skakelstasies by elke op-perseel substasiekompleks by elkeen van die Son Fasiliteite, asook tot en met 12 x 132 kV oorhoofse kraglyne wat lei vanaf elke Son Fasiliteit tot by die voorgestelde ontvangerstasie(s) of voorgestelde hoofoordragstasie (“MTS”). 	ABO Wind renewable energies (Edms) Bpk	Basiese evaluering (“BA”) of Registrasie via die Kraglyn en Substasie Standaard (Staatskoerant 47095 (“GG”); Staatskenningsgewing (“GN”) 2313, gedateer 27 Julie 2022)
<ul style="list-style-type: none"> Projek 25: Die voorgestelde ontwikkeling van ’n onafhanklike 400/132 kV “MTS”, insluitende meegaande infrastruktuur by die MTS 	ABO Wind renewable energies (Edms) Bpk	“BA” of Registrasie via die Kraglyn en Substasie Standaard (Staatskoerant 47095; Staatskenningsgewing 2313, gedateer 27 Julie 2022)
<ul style="list-style-type: none"> Projek 26: Die voorgestelde ontwikkeling van ’n 400 kV “Loop-In-Loop-Out” (“LILO”) vanaf die bestaande Hydra-Perseus 400 kV oorhoofse kraglyn tot by die voorgestelde MTS 	ABO Wind renewable energies (Edms) Bpk	“BA” of Registrasie via die Kraglyn en Substasie Standaard (Staatskoerant 47095; Staatskenningsgewing 2313, gedateer 27 Julie 2022)

Die voorgestelde Kudu Son Fasiliteite en meegaande infrastruktuur (nl. Projekte 1 tot 12) sal ontwikkel word op ’n verskeidenheid van die volgende plaas gedeeltes: Gedeelte 0 (RE) van Plaas Bas Berg 88, Gedeelte 3 (RE) van Plaas Bas Berg 88, Gedeelte 4 van Plaas Bas Berg 88, Gedeelte 2 (RE) van Plaas Grass Pan 40, Gedeelte 0 (RE) van Plaas Annex Wolve Kuil 41, Gedeelte 1 van Plaas Annex Wolve Kuil 41, Gedeelte 2 van Plaas Wolve Kuil 43, en Gedeelte 0 (RE) van Plaas Wolve Kuilen 42. Projek 13 tot 26 - die meegaande netwerk infrastruktuur wat die voorgestelde Son Fasiliteite ondersteun – sal op die bogenoemde plaasgedeeltes ontwikkel word, asook op Gedeelte 5 van Plaas Koppie Alleen 83, Gedeelte 1 van Plaas Koppie Alleen 83 en Gedeelte 4 van Plaas Koppie Alleen 83. Die aantal geaffekteerde eiendomme sal bevestig word soos wat die Omgewingevalueringsproses vorder.

Die voorgestelde projekte is **nie** in enige van die Hernubare Energie Ontwikkelings Sones (REDSZ) geleë **nie**. In terme van die Nasionale Omgewingsbestuurswet (Wet No. 107 van 1998, soos gewysig) (NEMA) en die 2014 NEMA Omgewingsimpakstudie Regulasies (soos gewysig) is die voorgestelde Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12) dus onderhewig aan ’n volle **Bestekopname en Omgewingsimpakstudieproses** (“Scoping and EIA”) proses, met ’n besluitnemingsperiode van 107 dae. Projekte 13 tot 26 is geleë in die Sentrale Strategiese Oordrag Korridor (Staatskenningsgewing 113 in Februarie 2018) en is dus onderhewig aan ’n **Basiese Evalueringsproses (BA)** en/of Registrasie via die die Kraglyn en Substasie Standaard (Staatskoerant 47095; Staatskenningsgewing 2313, gedateer 27 Julie 2022), met ’n verkorte besluitnemingsperiode van 57 dae. Afsonderlike volle S&EIA-verslae sal voltooi word vir die Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12) en afsonderlike BA-verslae en/of EGI Standaard Registrasie Verslae sal voltooi word vir die Kudu EGI Projekte 13 tot 26. Afsonderlike Omgewingsgoedkeurings sal uitgereik word (indien dit goedgekeur sou word).

Aansoeke vir Omgewingsgoedkeuring sal ingedien word by die bevoegde owerheid, die nasionale Departement van Bosbou, Visserye en die Omgewing (“DFFE”), tesame met die Konsepbestekopnameverslae vir die Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12) en met die Konsep BA-verslae vir die Kudu EGI Projekte (Projekte 13 tot 26). Verskeie gelyste aktiwiteite in die 2014 NEMA Omgewingsimpakstudie Regulasies (soos gewysig) is van toepassing op die voorgestelde projekte waar GN R325 LN 2: Aktiwiteit 1 dien as die hoof aktiwiteit vir die Kudu Son Fasiliteite 1 tot 12 (Projekte 1 tot 12); GN R327 LN 1: Aktiwiteit 11 (i) dien as die hoof aktiwiteit vir die Kudu EGI Projekte (Projekte 13 tot 24); en GN R325 LN 2: Aktiwiteit 9 dien as die hoof aktiwiteit vir die Kudu EGI Projekte (Projekte 25 en 26). Die gelyste aktiwiteite sal bevestig word tydens die Omgewingevalueringsproses. Kommentaar sal ook verkry word by die Suid-Afrikaanse Erfenisulphronagentskap (“SAHRA”) in terme van die Wet op Nasionale Erfenisulphronbronne (Wet 25 van 1999). Die S&EIA- en BA-prosesse sal ook bevestig indien ’n Waterverbruikslisensie vereis word ingevolge die Nasionale Water Wet (Wet 36 van 1998, soos gewysig). ’n Geïntegreerde Publieke Deelname Proses sal onderneem word vir die voorgestelde projekte, asook alle aansoeke soos vereis ingevolge ander relevante wetgewing.

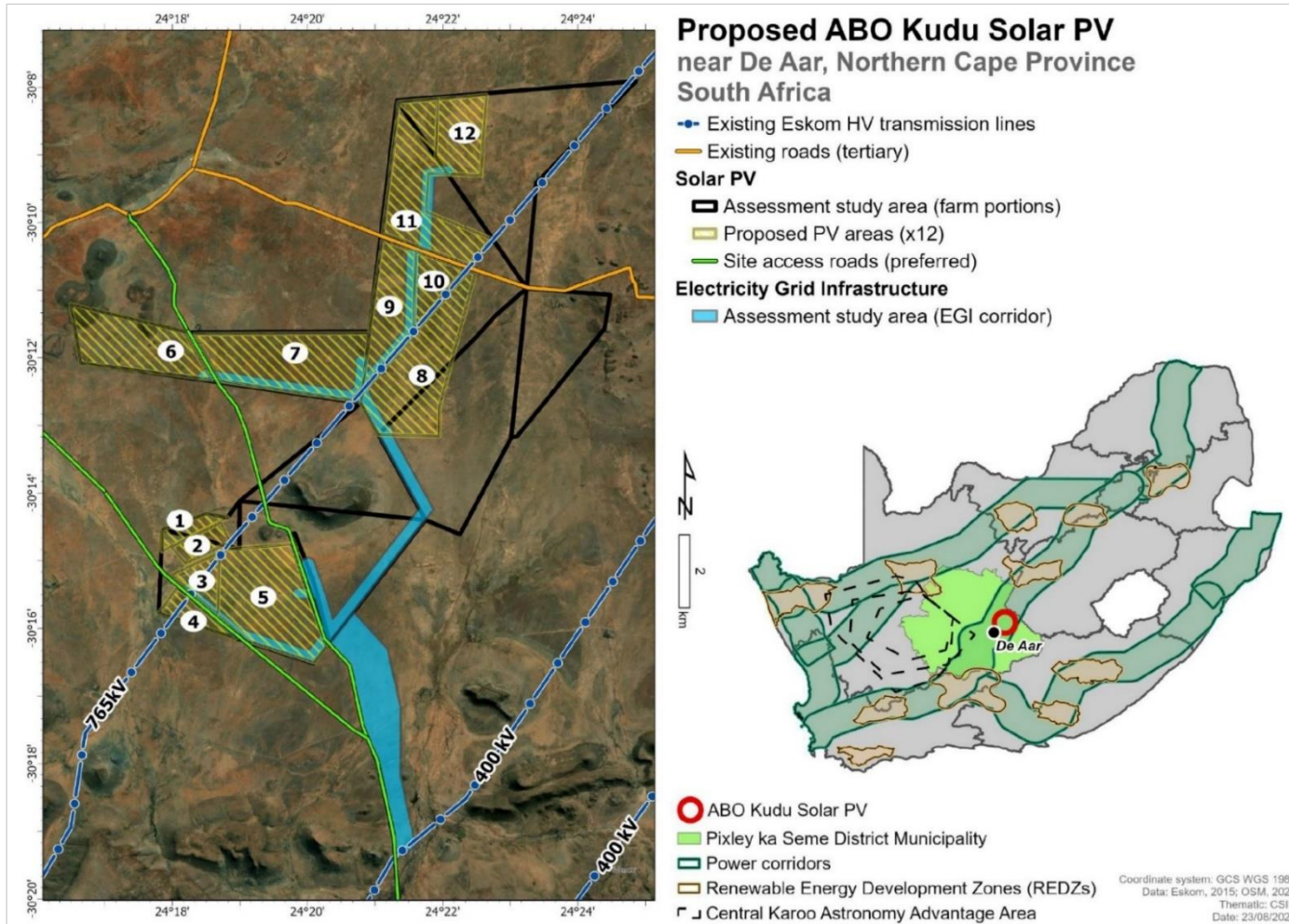
Die Wetenskaplike Nywerheids- en Navorsingsraad (WNNR) is aangestel as die onafhanklike Omgewingskonsultant (“EAP”) om die S&EIA- en BA-prosesse vir die voorgestelde projekte te behartig en te bestuur namens die aansoekers. Sou u belangstel om te registreer as ’n Geïnteresseerde en/of Belanghebbende Party (G&BP), en om kommentaar te lewer op die voorgestelde projekte, 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; of Faks: 031 261 8172. Vir verdere inligting en verwikkelinge op die projekte besoek gerus die projek webwerf: <https://www.csir.co.za/environmental-impact-assessment>



APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

3. Site Notice Board – Map



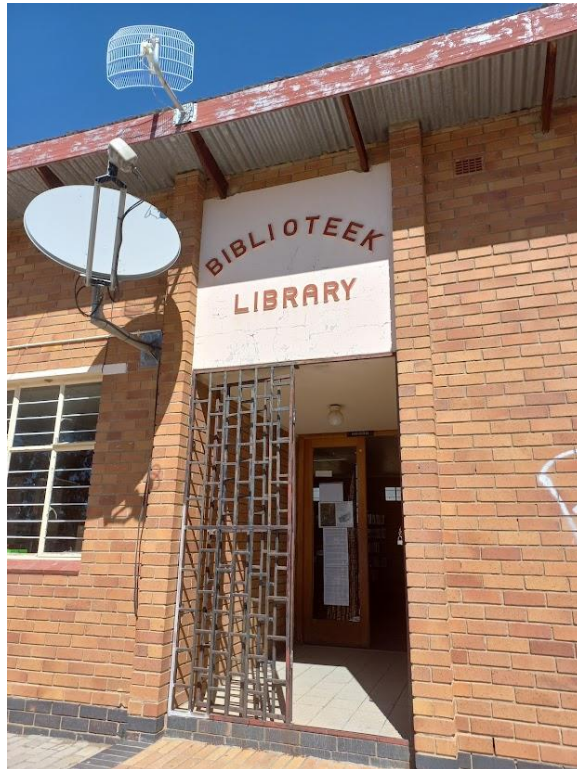
APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

4. Proof of Placement of Site Notice Boards

Site Notice Board 1

Placed at the entrance of the Petrusville Community Library on the R48, Petrusville
(Co-ordinates: 30° 4'55.35"S and 24°39'27.74"E)

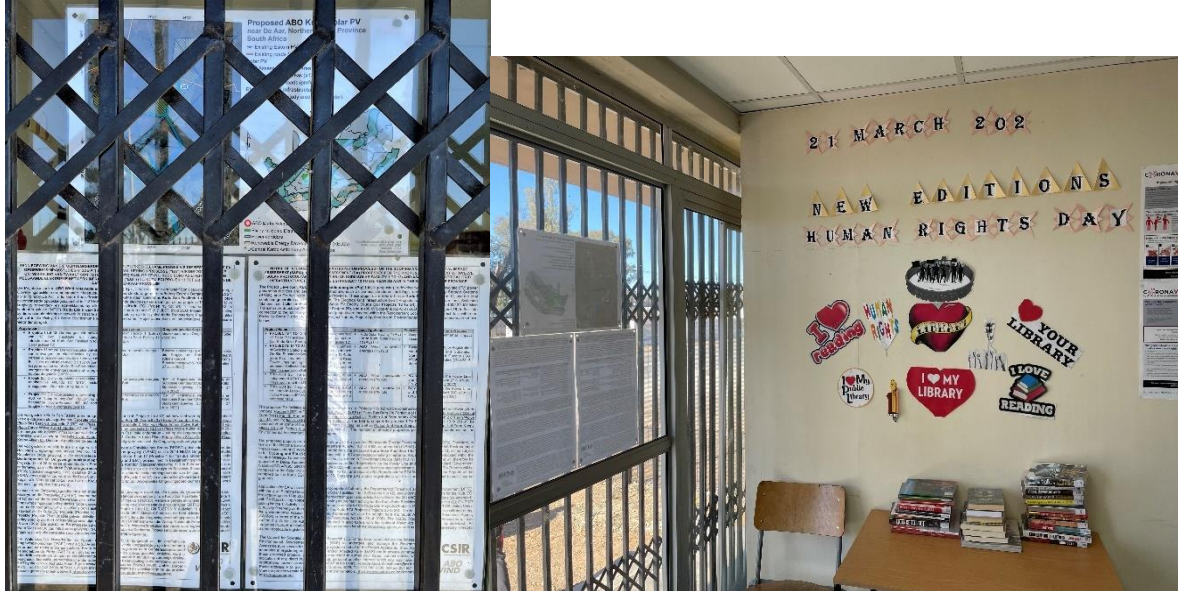


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 2

**Placed at the entrance of the Frans Jooste Library on the R48, Philipstown
(Co-ordinates: 30°26'10.27"S and 24°28'15.51"E)**

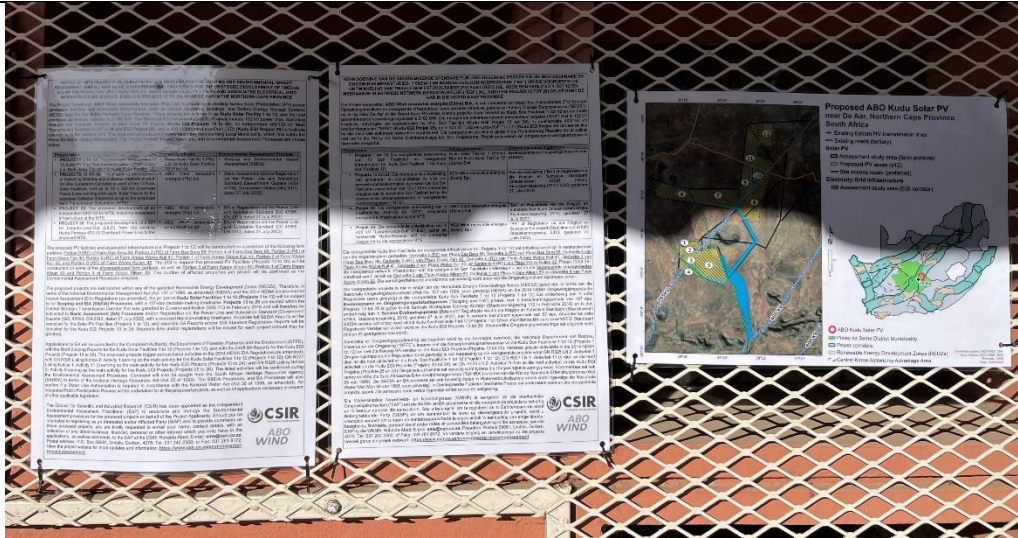


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 3

Placed at the entrance of the Hennie Liebenberg Junior Library on Voortrekker Street, De Aar (Co-ordinates: 30°39'0.44"S and 24° 0'42.46"E)

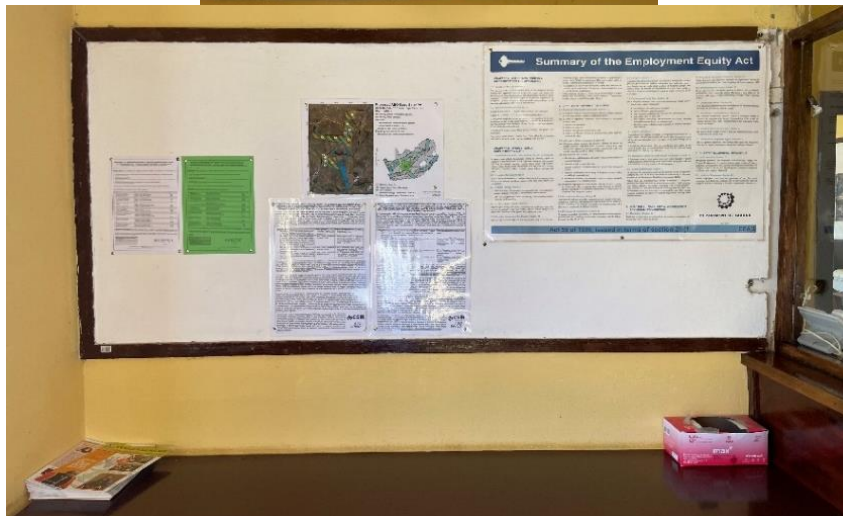


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 4

**Placed at the entrance of the Renosterberg Local Municipality Office on the R48, Philipstown
(Co-ordinates: 30°26'8.62"Sand 24°28'23.11"E)**

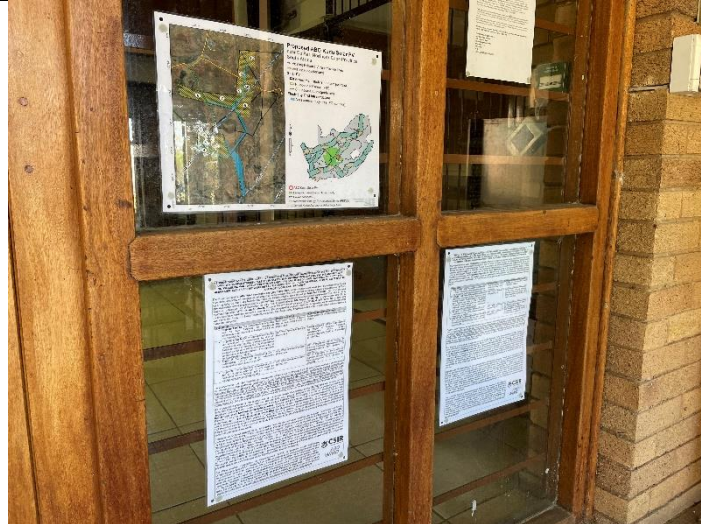


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 5

Placed at the entrance of the Renosterberg Local Municipality Office on Skool Street, Petrusville (Co-ordinates: 30° 4'48.58"S and 24°39'24.21"E)

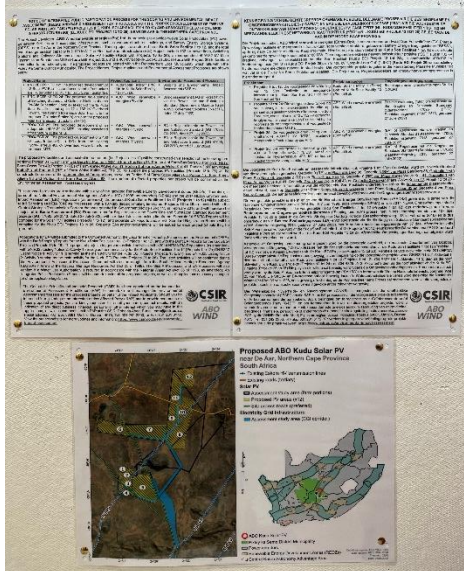


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 6

Placed at the entrance of the Pixley ka Seme District Municipality on Culvert Road, De Aar
(Co-ordinates: 30°38'14.31"S and 24° 1'21.04"E)

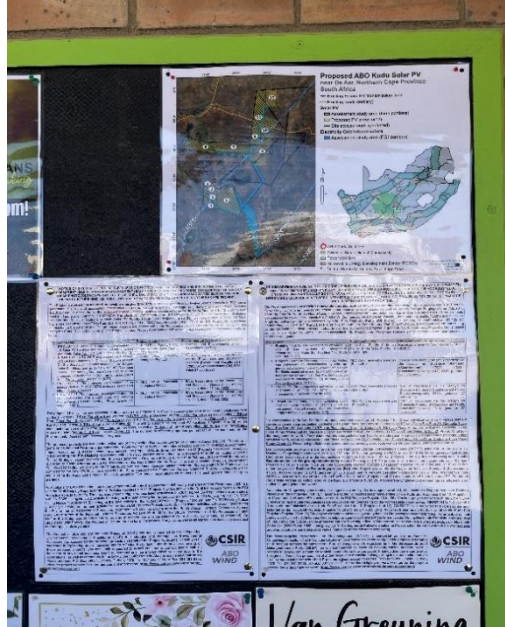


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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 7

Placed at the Saamstaan Shopping Centre on Saffier Street, Orania
(Co-ordinates: 29°48'47.54"S and 24°24'33.98"E)

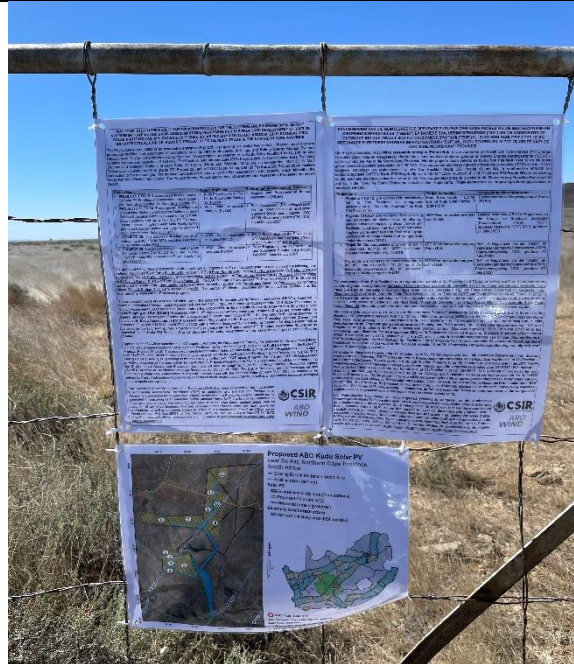


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 8

Placed centrally located between the proposed Kudu Solar Facility 1 and Kudu Solar Facility 2 at an entrance gate to Portion 0 (RE) of Farm Bas Berg 88 (Co-ordinates: 30°14'39.15"S and 24°18'15.59"E)

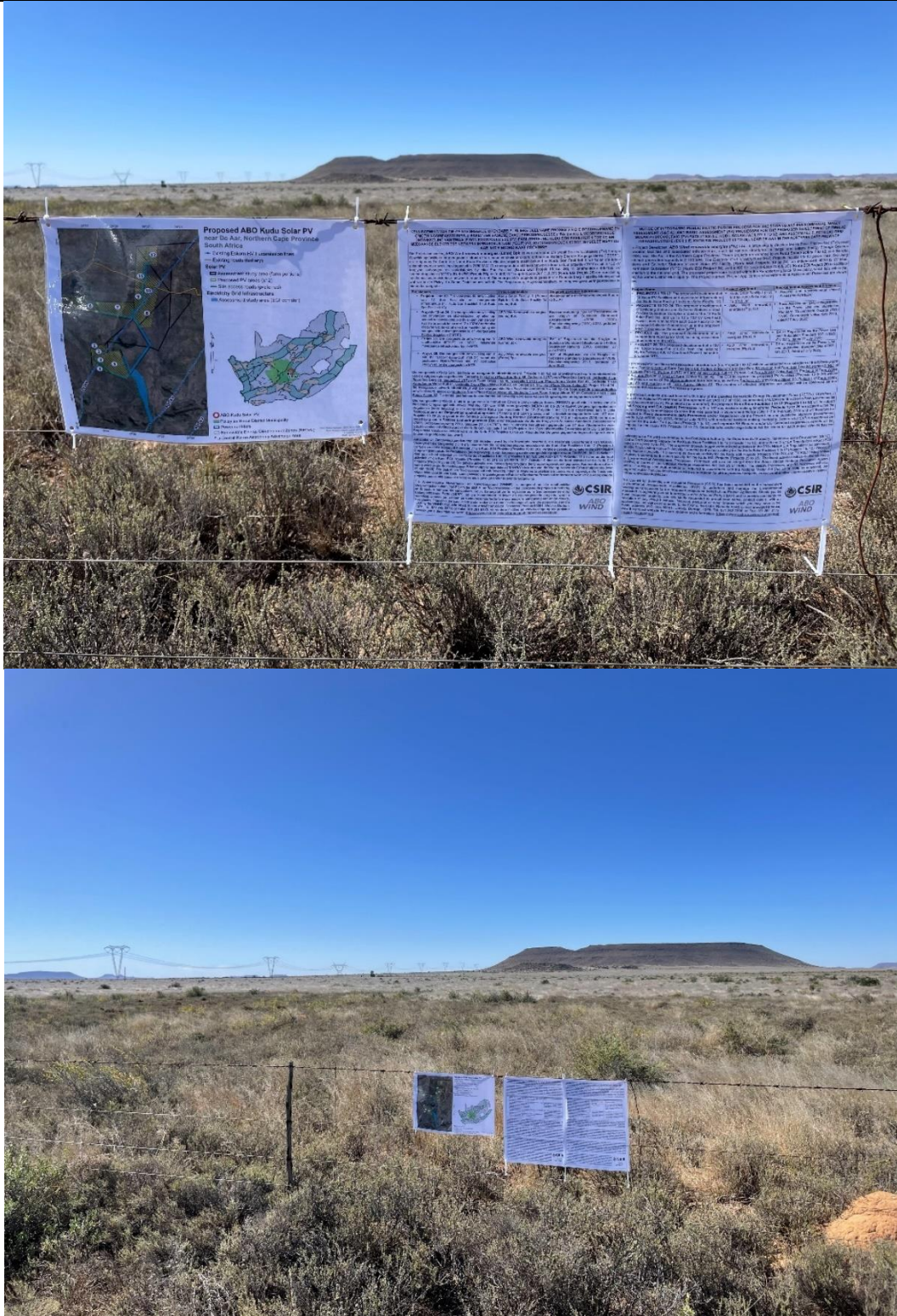


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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 9

Placed centrally located between the proposed Kudu Solar Facility 3 and Kudu Solar Facility 4 along the fence of Portion 3 of Farm Bas Berg 88 (Co-ordinates: 30°15'43.45"S and 24°18'30.54"E)



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Site Notice Board 10

Placed centrally located at the main access road at the road split, southeast of the proposed Kudu Solar Facility developments (Co-ordinates: 30°17'26.22"S and 24°20'48.07"E)

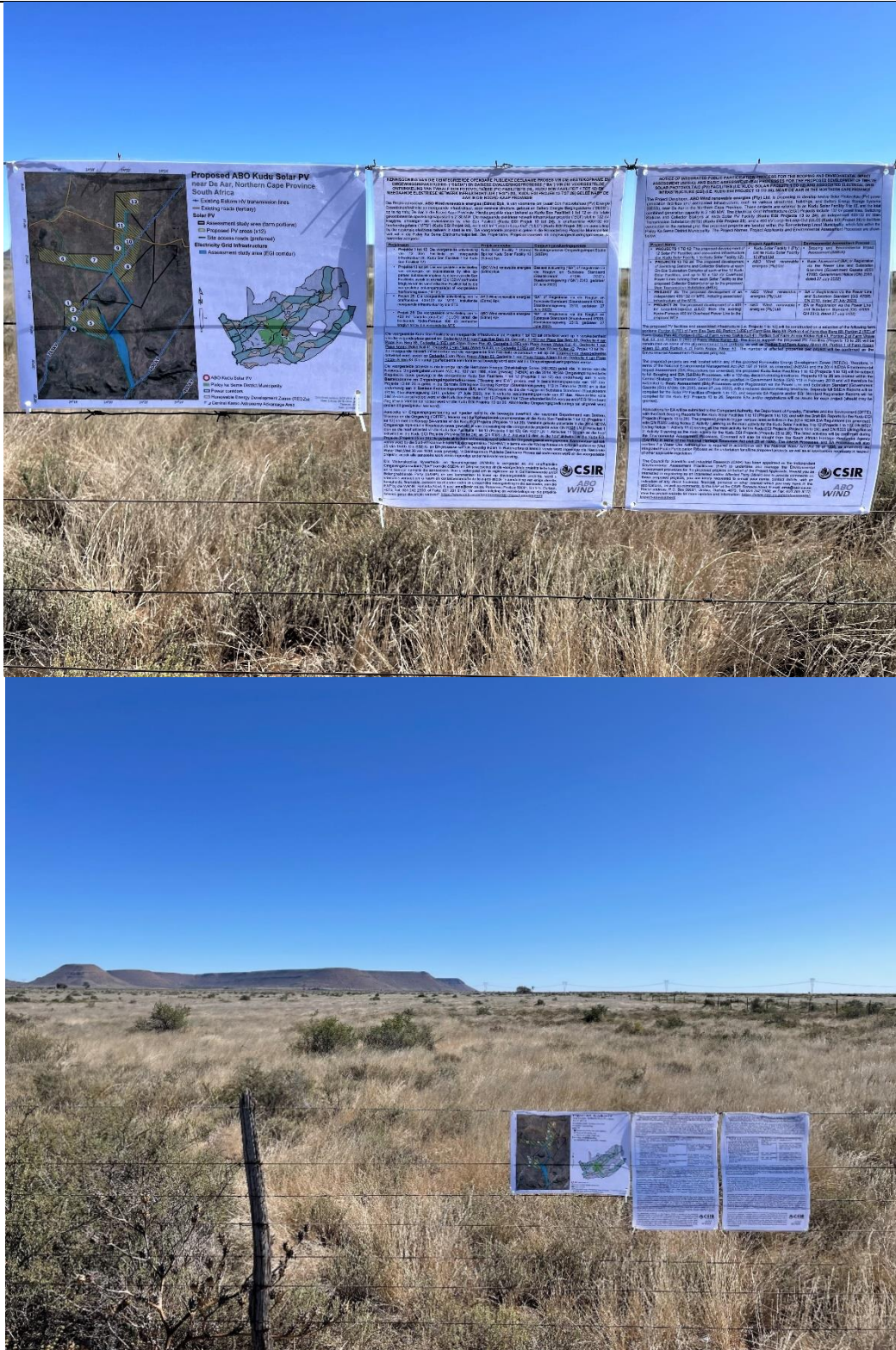


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 11

Placed along the fence of Portion 3 of Farm Bas Berg 88 on the eastern border of the proposed Kudu Solar Facility 5 (Co-ordinates: 30°15'24.33"S and 24°20'0.47"E)



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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 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 12

Placed at an entrance gate of Portion 2 of Farm Grass Pan 40 on the northeastern border of the proposed Kudu Solar Facility 6 (Co-ordinates: 30°11'37.87"S and 24°18'14.99"E)

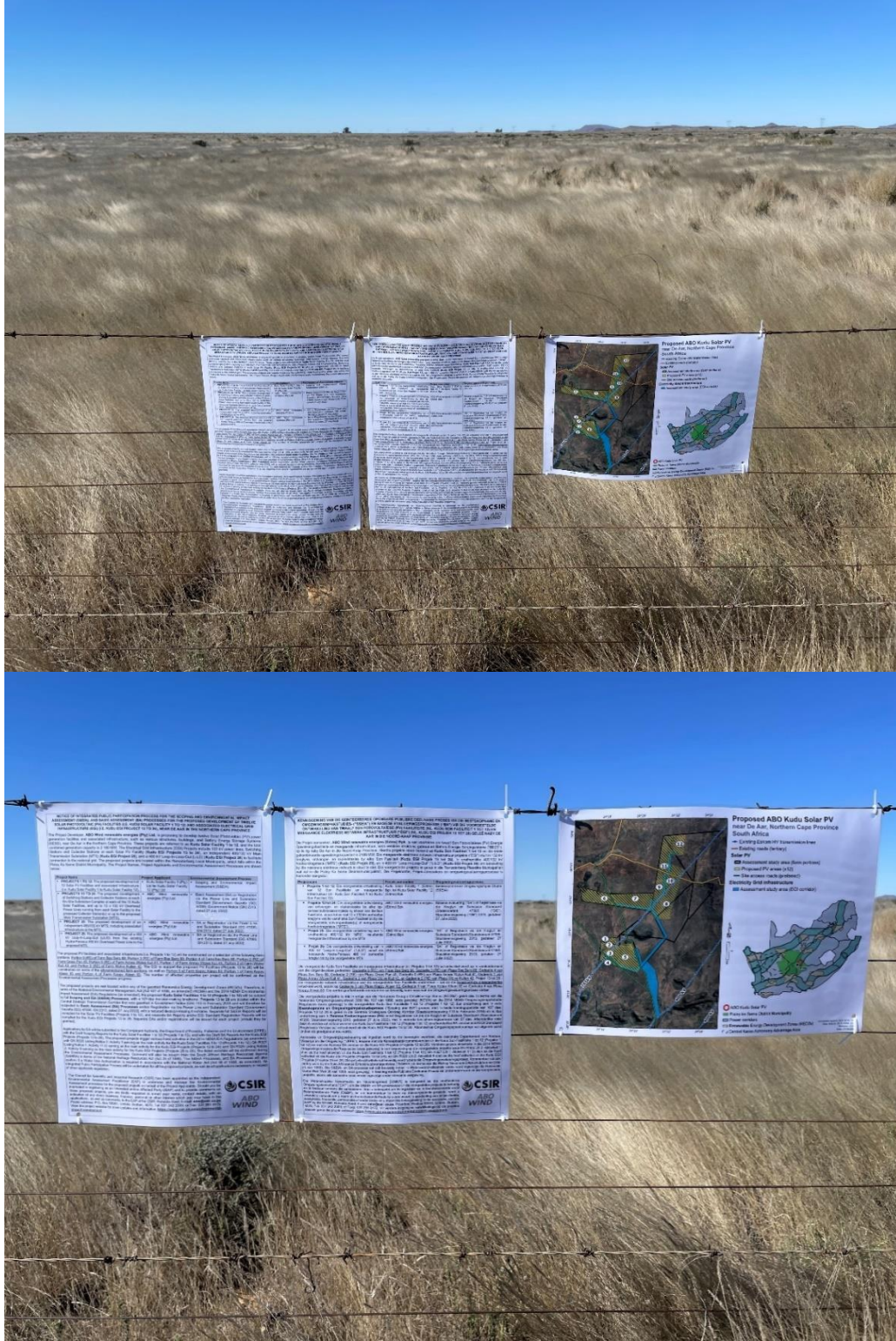


APPENDICES

SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 13

Placed along the fence of Portion 2 of Farm Grass Pan 40 on the southwestern border of the proposed Kudu Solar Facility 7 (Co-ordinates: 30°12'16.62"S and 24°18'37.41"E)

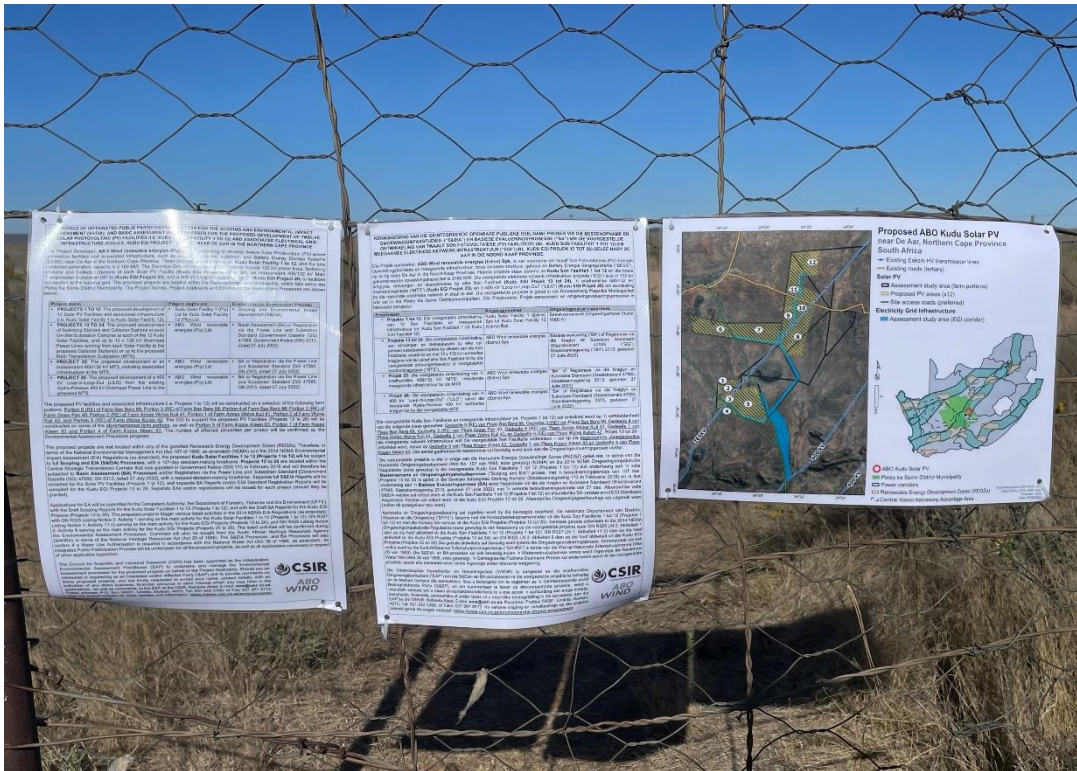


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SCOPING REPORT: Scoping and Environmental Impact Assessment (EIA) Process for the Proposed Development of a Solar Photovoltaic (PV) Facility (Kudu Solar Facility 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 14

Placed at an entrance gate of Portion 1 of Farm Annex Wolwe Kuil 41 on the southwestern border of the proposed Kudu Solar Facility 11 (Co-ordinates: 30°10'12.20"S and 24°21'5.70"E)



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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 7) and associated infrastructure, near De Aar, Northern Cape Province

Site Notice Board 15

Placed along the fence of Portion 1 of Farm Annex Wolve Kuil 41 on the northern border of the proposed Kudu Solar Facility 10 (Co-ordinates: 30°10'32.53"S and 24°22'2.50"E)

