13 September 2023

Dear Interested and Affected Party,



RE: NOTIFICATION OF THE AVAILABILITY OF THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE ABO NYALA SOLAR ENERGY FACILITY 1, 2 AND 3, LOCATED WITHIN THE THABAZIMBI LOCAL MUNICIPALITY AND WATERBERG DISTRICT MUNICIPALITY, LIMPOPO PROVINCE

This serves as a formal notification regarding the availability of the Draft Scoping Report (DSR) for comments. Kindly note that this is a re-submission of the same Environmental Authorisation (EA) application for the same proposed development which was initially lodged on 21 July 2023.

Project Description and Location:

Praxos 373 (Pty) Ltd, has been appointed as an Environmental Assessment Practitioner (EAP) by ABO Wind Renewable Energies (Pty) Ltd on behalf of ABO Nyala Solar Energy Facility 1 (Pty) Ltd, ABO Nyala Solar Facility 2 (Pty) Ltd and ABO Nyala Solar Facility 3 (Pty) Ltd (referred to as the Applicants). The purpose is to undertake an application for Environmental Authorisation (EA), subject to a Scoping and Environmental Impact Reporting (S&EIR) process for the Proposed Development of the ABO Nyala Solar Energy Facility 1, 2 and 3. Each facility requires separate applications for EA and is therefore undergoing separate S&EIR processes. All three facilities are located within the Thabazimbi Local Municipality and Waterberg District Municipality in the Limpopo Province of South Africa. The Department of Forestry, Fisheries and the Environment (DFFE) serves as the Competent Authority (CA) for these applications. The details of the Applicants and each facility is tabulated below.

Name of Applicants:	ABO Nyala Solar Energy	ABO Nyala Solar Energy	ABO Nyala Solar Energy
Name of Applicants.	Facility 1 (Pty) Ltd	Facility 2 (Pty) Ltd	Facility 3 (Pty) Ltd
Company Registration No.:	2023/594133/07	2023/594295/07	2023/594318/07
Project Name:	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3
	 Portion 2 of the farm Gouvernements Plaats No. 417. Remaining Extent of Portion 1 of the farm Gouvernements Plaats No. 	 Remaining Extent of Farm De Deur No. 419. Portion 2 of Farm De Deur No. 419. Remaining Extent of Portion 1 (Uitzicht West) of the farm Gouvernements Plaats No. 417 (main access road only). Remaining Extent of 	 Remaining Extent of the Farm Leeuwkopje No. 415.
Affected Properties:	417 (access road only). - Remaining Extent of Portion 1 (Uitzicht West) of the farm Gouvernements Plaats No. 417 (access road only).	 Gouvernements Plaats No. 417 (construction road only). Portion 1 of the farm Gouvernements Plaats No. 417 (access road only). Portion 2 of the Farm Gouvernements Plaats No. 417 (main access road and construction access road). 	- Portion 5 (Brablin) of the Farm Leeuwkopje No. 415 (access road only).
Total Development	~67.5 ha	~118 ha	~56.43 ha

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Footprint:			
Generation Capacity of	65 MW	120 MW	55 MW
Facilities:			

The solar energy facilities will comprise of the following:

- Solar Field/Solar Arrays [Note that the mounting structures will be either fixed-tilt, single-axis tracking or double-axis tracking PV. Module types would be either mono-facial or bi-facial (details to be confirmed during detailed design stage).
- Main access roads.
- Internal service roads.
- Internal electrical reticulation (i.e., low and medium voltage lines) to be placed underground where feasible.
- An on-site substation hub and associated infrastructure (such as substation, transformation infrastructure, collector infrastructure, step-up infrastructure, Battery Energy Storage Facility etc.) including auxiliary buildings (such as operation & maintenance buildings, admin buildings, workshops, gatehouse, security building, offices, visitor centre, warehouses, etc.).
- Perimeter fencing.

A temporary laydown area would be established during the construction period but would be within the development footprint i.e., within the fenced area allocated for development. The laydown area would move as required while construction is underway.

No bulk service infrastructure is proposed and any required pipelines to connect to the municipal network will be located within roadway.

Application for grid connection will be made through a separate Environmental Impact Assessment (EIA) process and assessed accordingly. An on-site grid connection to integrate into the national network via a 132 kV or 88 kV line is under consideration.

Alternatives under consideration:

	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3
	- Two layout positions for the on-	- Two battery technologies	- Two access roads are under
	site substation hub and adjoining	i.e., lithium-ion and redox	assessment.
	ancillary buildings are under	flow will be assessed as	- Two battery technologies i.e.,
Alternatives	consideration.	technology alternatives.	lithium-ion and redox flow will
	- Two battery technologies i.e.,		also be assessed as technology
	lithium-ion and redox flow will also		alternatives.
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	alternatives.		

Need and Desirability:

Solar energy facilities contribute to energy diversification and enhance energy security. By expanding the renewable energy mix, South Africa reduces its dependence on imported fuels and mitigates the risks associated with fluctuating global energy prices. It provides a clean and renewable source of energy, helping to reduce the country's reliance on fossil fuels and decreasing harmful greenhouse gas emissions. This supports national and global efforts to combat climate change and promote sustainable development.

The following factors contribute to the desirability of the project's location:

- Solar Resource: The solar resource in the area is high. Data obtained from Solar Geographic Information Systems (GIS) shows the broader area between Bloemfontein and Kimberly, which includes the area of proposed projects, has a Global Horizontal Irradiation (GHI) value 2291 kWh/m² making it very suitable for PV.
- Size and Land-use: The affected properties are of a suitable size to provide a viable solar energy facility, while ensuring



that environmental sensitivities present on the property are not compromised. The location of the site within a rural area is preferable to an urban area where dense development would shade the proposed facility, and where there would be several neighbours in close proximity that could be impacted.

- Landowner Consent: The landowner/s have provided consent for the proposed facilities and associated infrastructure.
- Topography, Existing Power Transmission Infrastructure, and Road Network: The topography of the sites can be described as flat which means little cut and fill would be required in order to develop the required levels for the PV platforms. Multiple viable opportunities exist for connecting to the national electricity grid in the vicinity of the project site. The nearby Spitskop and Phoko Eskom substations, along with the close proximity to transmission lines, present promising options for grid connection. All three sites are also accessible via existing farms and direct roads which connects to the R510.

Investing in solar energy infrastructure creates job opportunities and stimulates economic growth. The development, installation, and maintenance of solar PV facilities generate employment across various skill levels, contributing to job creation and local economic empowerment. The proposed projects are envisaged to create the following employment opportunities during the construction and operational phases:

Employment Opportunities	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3
	Approximately 100 construction	Approximately 150	Approximately 100
	staff opportunities are expected	construction staff	construction staff
	at peak of construction. Skills	opportunities are expected	opportunities are expected
	split would be in line with	at peak of construction. Skills	at peak of construction. Skills
Construction	applicable procurement	split would be in line with	split would be in line with
Construction	requirements but would be	applicable procurement	applicable procurement
	roughly be 60 % low-skilled, 25	requirements but would be	requirements but would be
	% semi-skilled and 15 % skilled.	roughly be 60 % low-skilled,	roughly be 60 % low-skilled,
		25 % semi-skilled and 15 %	25 % semi-skilled and 15 %
		skilled.	skilled.
	Approximately eight operational staff opportunities are expected. Skills split would be in line with		
Operational	applicable procurement requirements but would be roughly 70 % low skilled, 25 %		
	and 5 % skilled.		

Legislative Requirements:

The S&EIR process will be conducted in accordance with the requirements of the following legislation:

• The National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended). The specific Listed Activities corresponding to each facility are provided in the table below.

FACILITIES	LISTING NOTICE 1 (GNR 983)	LISTING NOTICE 2 (GNR 984)	LISTING NOTICE 3 (GNR 985)
Nyala Solar Energy Facility 1	11, 24, 28 and 56.	1 and 15.	3, 4 and 18.
Nyala Solar Energy Facility 2	11, 24, 28 and 56.	1 and 15.	3, 4 and 18.
Nyala Solar Energy Facility 3	11, 12, 24, 28 and 56.	1 and 15.	3, 4, 14 and 18.

Specialist Studies:

The following Specialist Studies will be conducted as part of the S&EIR Process:

- Agriculture Potential Impact Assessment.
- Aquatic Assessment and Wetland Delineation.
- Avifauna Impact Assessment.
- BESS Risk Assessment.
- Cultural Heritage Impact Assessment.



- Geohydrological Impact Assessment.
- Geotechnical Assessment.
- Landscape and Visual Impact Assessment (including glint and glare).
- Socio-Economic Impact Assessment.
- Terrestrial Ecological Impact Assessment (including plant and animal species).
- Traffic Impact Assessment.

Public Participation:

All Interested and Affected Parties (I&APs) are hereby invited to participate by registering written comments on the abovementioned project to Praxos. Comments should include your name, contact information, and a clear indication of any direct business, financial, personal, or other interests you hold in relation to the project. You may submit your comments via post, fax, or email to the Public Participation Office, the contact details of which are provided below.

Public Participation office

Attention: Richard MyburghEmail:publicparticipation@praxos373.co.zaTel:(011) 453 8727Fax:086 414 3312Post:31 Saint Margaret Street, Hurlyvale, Edenvale, 1611

Public Review of the DSR:

The public is afforded a 30 (thirty) day period from **Wednesday, 13 September to Monday, 16 October 2023** (inclusive) to register and/or comment on the DSR for the above-mentioned project. The report has been made available at the following location:

Place	Address	Telephone	
SAPS Northam Police Station	6 Venter Street, Northam, Limpopo, 0360.	Lieutenant Colonel Thulani	
		014 784 0128	
The DSR is available on:			
 https://www.dropbox.com/sh/6ewammrfvjbcv4s/AAAXRkoEDyKDsOC1bumzhV-Fa?dl=0 			
• A CD copy is available upon request. Please contact Richard Myburgh.			

Praxos will distribute further information and correspondence regarding the project to all registered I&APs and will offer further opportunities for comments during the S&EIR process. Notifications to registered I&APs for comments on the Draft EIR's will be conducted at a later stage.

Should you require further information, please do not hesitate to contact us.

Kind regards For and on behalf of Praxos 373 (Pty) Ltd

Suhasini Naik Environmental Assessment Practitioner

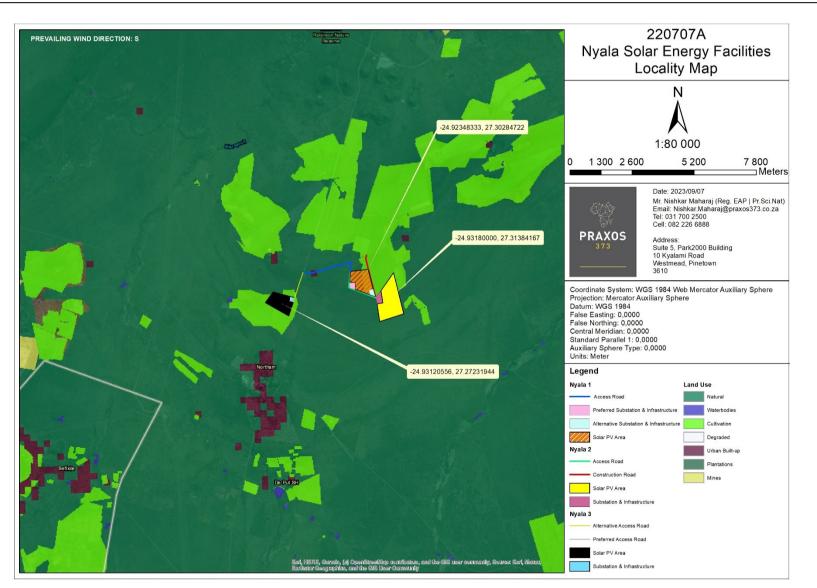


Figure 1: Locality Map of the Proposed Development



Scoping & Environmental Impact Reporting Process Explained

Step 1: Completion of the Application Form for Environmental Authorisation (EA)

Step 1 of the S&EIR process constitutes the compilation of the application form for EA. The application form will be submitted to the Department of Forestry Fisheries and Environment (DFFE) for their consideration. Once the Department accepts the application, the S&EIR process may commence.

Step 2: Compilation of the Draft Scoping Report (DSR)

During Step 2 of the process, a site visit will take place and the DSR will be prepared. The purpose of the DSR will be to provide detailed information relating to the proposed activities to be undertaken on site, the context within which the development is to take place, aerial extent of the development activities, timeframes, detailed motivation as to why it is important for the development to take place etc. The DSR will also outline the Plan of Study (PoS) for the detailed impact assessment to be undertaken during the EIR phase of the project should the Competent Authority (CA) (the DFFE) accept the Scoping Report and Terms of Reference (ToR) for the Specialist Studies.

Deliverables associated with a DSR will include the following:

- DSR (completed in accordance with Appendix 2 of the EIA Regulations, 2014).
- GIS scan and maps the maps will indicate the facility illustrations, location and aerial extent of the proposed development in relation to surrounding environmental conditions.
- Potential impacts and mitigation measures to be assessed during the EIR phase.
- PoS for the EIR phase including Specialist Studies and detailed impact assessment.

Step 3: Public Participation – DSR

Upon completion of the DSR, the document will be made available to the general public for their review and inputs for a period of 30 days. The project will be announced to the public via newspaper adverts, site notice placements and letters to I&APs indicating the means by which they could access the document (hard copies will be made available at various public venues as well as electronically via a drop box link). The notifications will also explain how to provide comments on the project.

All inputs and comments received from I&APs during the public review period of the DSR will be captured and responded to as part of the Comments and Response Report (CRR) that will be submitted to the DFFE as part of the Final Scoping Report (FSR).

<u>Step 4: Compilation of the Draft Environmental Impact Report (EIR), Environmental Management Programme (EMPr) &</u> <u>Specialist Studies</u>

Step 4 involves the compilation of the Draft EIR and undertaking of the required Specialist Studies. The Draft EIR includes a detailed EIA that will be informed by the findings of the various Specialist Studies. The impact assessment and Specialist Studies will determine and assess the potential impacts associated with the project and alternatives.

The findings of the detailed impact assessment and associated Specialist Studies will also inform the compilation of the EMPr. The EMPr will remain a 'Draft' until Environmental Authorisation (EA) is granted for the project due to the fact that the Department may have additional mitigation measures that they want to have included in the EMPr as part of the conditions of the EA (if approved).

Step 5: Public Participation – Draft EIR and EMPr

Once the Draft EIR has been completed constituting all the core information, the document will then be made available for public review over a period of 30 days. All registered I&APs will then be notified of the availability of the Draft EIR as well as where and how they can access the document and provide their comments and inputs. If it is deemed necessary, Praxos will undertake a public meeting during the public review period for the Draft EIR, where the findings of the detailed impact assessment and Specialist Studies will be presented and explained to the public.

The minutes of the public meeting held (if applicable) as well as all inputs and comments received from I&APs during the public review period of the Draft EIR will be captured and responded to as part of the CRR.

Step 6: Compilation of the Final EIR, EMPr and CRR



Following the conclusion of the 30-day public review period, the Final EIR will be prepared along with the CRR. The Final EIR will capture the key concerns / interests raised by I&APs during the public review period, as well as all the measures taken to undertake the public participation process effectively and meaningfully. The Final EIR will furthermore include the proof of all incoming and outgoing correspondence with I&APs together with the CRR.

The Final EIR and EMPr, as well as the associated CRR will then be submitted to the CA for their review and decision making. Following the Department's review of the Final EIR, they will communicate in writing whether they have granted of refused the application for EA.

Step 7: Notification of decision on the application

Once the Department informs the applicant of the decision relating to the project (whether they grant or refuse authorisation), Praxos will notify all registered I&APs of the decision within 14 days. The notification letter will include the details of the appeals procedure to be followed should anyone wish to lodge an appeal against the decision.



INTERESTED AND AFFECTED PARTY REGISTRATION SHEET

Name	
Organisation	
Telephone number	
Physical address	
Postal address	
Fax number	
Email address	

<u>Please state your interest (i.e., direct business, financial, personal or other interest) with respect to the approval or refusal of the Application for Environmental Authorisation.</u>

<u>Please state any concerns, suggestions and/or potential impacts that should be considered during the</u> <u>Scoping and Environmental Impact Assessment Process and associated Application for Environmental</u> <u>Authorisation.</u>

All comments must be submitted to Praxos by no later than Monday, 16 October 2023.Praxos Public Participation Office:Attention: Richard MyburghEmail:publicparticipation@praxos373.co.zaTel:(011) 453 8727Fax:086 414 3312Post:31 Saint Margaret Street, Hurlyvale, Edenvale, 1611

The Public Participation Office is open during office hours (08:00 – 17:00) from Monday to Friday, excluding Public Holidays.

Praxos Ref: 220707A_Ndau & Nyala S&EIA

13 September 2023

Dear Landowner,



RE: NOTIFICATION OF THE AVAILABILITY OF THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE ABO NYALA SOLAR ENERGY FACILITY 1, 2 AND 3, LOCATED WITHIN THE THABAZIMBI LOCAL MUNICIPALITY AND WATERBERG DISTRICT MUNICIPALITY, LIMPOPO PROVINCE

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Affected Properties:	 Portion 2 of the farm Gouvernements Plaats No. 417. Remaining Extent of Portion 1 of the farm Gouvernements Plaats No. 417 (access road only). Remaining Extent of Portion 1 (Uitzicht West) of the farm Gouvernements Plaats No. 417 (access road only). 	 Nyala Solar Energy Facility 2 Remaining Extent of Farm De Deur No. 419. Portion 2 of Farm De Deur No. 419. Remaining Extent of Portion 1 (Uitzicht West) of the farm Gouvernements Plaats No. 417 (main access road only). Remaining Extent of Gouvernements Plaats No. 417 (construction road only). Portion 1 of the farm Gouvernements Plaats No. 417 (access road only). Portion 2 of the Farm Gouvernements Plaats No. 417 (main access road and construction access road). 	 - Remaining Extent of the Farm Leeuwkopje No. 415. - Portion 5 (Brablin) of the Farm Leeuwkopje No. 415 (access road only).
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Need and Desirability:

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Construction	requirements but would be	applicable procurement	applicable procurement
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	% semi-skilled and 15 % skilled.	roughly be 60 % low-skilled,	roughly be 60 % low-skilled,
		25 % semi-skilled and 15 %	25 % semi-skilled and 15 %
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Legislative Requirements:

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Specialist Studies:

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		014 784 0128
The DSR is available on:		
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Kind regards For and on behalf of Praxos 373 (Pty) Ltd

Suhasini Naik Environmental Assessment Practitioner

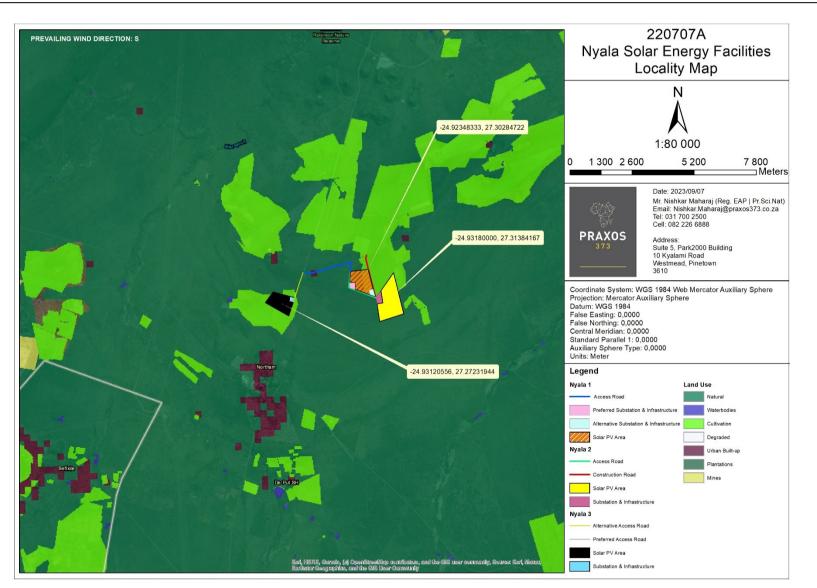


Figure 1: Locality Map of the Proposed Development



Scoping & Environmental Impact Reporting Process Explained

Step 1: Completion of the Application Form for Environmental Authorisation (EA)

Step 1 of the S&EIR process constitutes the compilation of the application form for EA. The application form will be submitted to the Department of Forestry Fisheries and Environment (DFFE) for their consideration. Once the Department accepts the application, the S&EIR process may commence.

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Deliverables associated with a DSR will include the following:

- DSR (completed in accordance with Appendix 2 of the EIA Regulations, 2014).
- GIS scan and maps the maps will indicate the facility illustrations, location and aerial extent of the proposed development in relation to surrounding environmental conditions.
- Potential impacts and mitigation measures to be assessed during the EIR phase.
- PoS for the EIR phase including Specialist Studies and detailed impact assessment.

Step 3: Public Participation – DSR

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<u>Step 4: Compilation of the Draft Environmental Impact Report (EIR), Environmental Management Programme (EMPr) &</u> <u>Specialist Studies</u>

Step 4 involves the compilation of the Draft EIR and undertaking of the required Specialist Studies. The Draft EIR includes a detailed EIA that will be informed by the findings of the various Specialist Studies. The impact assessment and Specialist Studies will determine and assess the potential impacts associated with the project and alternatives.

The findings of the detailed impact assessment and associated Specialist Studies will also inform the compilation of the EMPr. The EMPr will remain a 'Draft' until Environmental Authorisation (EA) is granted for the project due to the fact that the Department may have additional mitigation measures that they want to have included in the EMPr as part of the conditions of the EA (if approved).

Step 5: Public Participation – Draft EIR and EMPr

Once the Draft EIR has been completed constituting all the core information, the document will then be made available for public review over a period of 30 days. All registered I&APs will then be notified of the availability of the Draft EIR as well as where and how they can access the document and provide their comments and inputs. If it is deemed necessary, Praxos will undertake a public meeting during the public review period for the Draft EIR, where the findings of the detailed impact assessment and Specialist Studies will be presented and explained to the public.

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Once the Department informs the applicant of the decision relating to the project (whether they grant or refuse authorisation), Praxos will notify all registered I&APs of the decision within 14 days. The notification letter will include the details of the appeals procedure to be followed should anyone wish to lodge an appeal against the decision.



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<u>Please state your interest (i.e., direct business, financial, personal or other interest) with respect to the approval or refusal of the Application for Environmental Authorisation.</u>

<u>Please state any concerns, suggestions and/or potential impacts that should be considered during the</u> <u>Scoping and Environmental Impact Assessment Process and associated Application for Environmental</u> <u>Authorisation.</u>

All comments must be submitted to Praxos by no later than Monday, 16 October 2023.Praxos Public Participation Office:Attention: Richard MyburghEmail:publicparticipation@praxos373.co.zaTel:(011) 453 8727Fax:086 414 3312Post:31 Saint Margaret Street, Hurlyvale, Edenvale, 1611

The Public Participation Office is open during office hours (08:00 – 17:00) from Monday to Friday, excluding Public Holidays.

Praxos Ref: 220707A_Ndau & Nyala S&EIA

13 September 2023

Dear Departments, Municipalities and Wards,

PRAXOS 373

RE: NOTIFICATION OF THE AVAILABILITY OF THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE ABO NYALA SOLAR ENERGY FACILITY 1, 2 AND 3, LOCATED WITHIN THE THABAZIMBI LOCAL MUNICIPALITY AND WATERBERG DISTRICT MUNICIPALITY, LIMPOPO PROVINCE

This serves as a formal notification regarding the availability of the Draft Scoping Report (DSR) for comments. Kindly note that this is a re-submission of the same Environmental Authorisation (EA) application for the same proposed development which was initially lodged on 21 July 2023.

Project Description and Location:

Praxos 373 (Pty) Ltd, has been appointed as an Environmental Assessment Practitioner (EAP) by ABO Wind Renewable Energies (Pty) Ltd on behalf of ABO Nyala Solar Energy Facility 1 (Pty) Ltd, ABO Nyala Solar Facility 2 (Pty) Ltd and ABO Nyala Solar Facility 3 (Pty) Ltd (referred to as the Applicants). The purpose is to undertake an application for Environmental Authorisation (EA), subject to a Scoping and Environmental Impact Reporting (S&EIR) process for the Proposed Development of the ABO Nyala Solar Energy Facility 1, 2 and 3. Each facility requires separate applications for EA and is therefore undergoing separate S&EIR processes. All three facilities are located within the Thabazimbi Local Municipality and Waterberg District Municipality in the Limpopo Province of South Africa. The Department of Forestry, Fisheries and the Environment (DFFE) serves as the Competent Authority (CA) for these applications. The details of the Applicants and each facility is tabulated below.

Name of Applicants:	ABO Nyala Solar Energy	ABO Nyala Solar Energy	ABO Nyala Solar Energy
	Facility 1 (Pty) Ltd	Facility 2 (Pty) Ltd	Facility 3 (Pty) Ltd
Company Registration No.:	2023/594133/07	2023/594295/07	2023/594318/07
Project Name:	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3
	Plaats No. 417 (access road	Gouvernements Plaats No.	
	only).	417 (access road only). - Portion 2 of the Farm	
		Gouvernements Plaats No.	
		417 (main access road and	
		construction access road).	
Total Development	~67.5 ha	~118 ha	~56.43 ha

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Footprint:			
Generation Capacity of	65 M/M	120 MW	55 MW
Facilities:	65 MW		

The solar energy facilities will comprise of the following:

- Solar Field/Solar Arrays [Note that the mounting structures will be either fixed-tilt, single-axis tracking or double-axis tracking PV. Module types would be either mono-facial or bi-facial (details to be confirmed during detailed design stage).
- Main access roads.
- Internal service roads.
- Internal electrical reticulation (i.e., low and medium voltage lines) to be placed underground where feasible.
- An on-site substation hub and associated infrastructure (such as substation, transformation infrastructure, collector infrastructure, step-up infrastructure, Battery Energy Storage Facility etc.) including auxiliary buildings (such as operation & maintenance buildings, admin buildings, workshops, gatehouse, security building, offices, visitor centre, warehouses, etc.).
- Perimeter fencing.

A temporary laydown area would be established during the construction period but would be within the development footprint i.e., within the fenced area allocated for development. The laydown area would move as required while construction is underway.

No bulk service infrastructure is proposed and any required pipelines to connect to the municipal network will be located within roadway.

Application for grid connection will be made through a separate Environmental Impact Assessment (EIA) process and assessed accordingly. An on-site grid connection to integrate into the national network via a 132 kV or 88 kV line is under consideration.

Alternatives under consideration:

	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3
	- Two layout positions for the on-	- Two battery technologies	- Two access roads are under
	site substation hub and adjoining	i.e., lithium-ion and redox	assessment.
	ancillary buildings are under	flow will be assessed as	- Two battery technologies i.e.,
Alternatives	consideration.	technology alternatives.	lithium-ion and redox flow will
	- Two battery technologies i.e.,		also be assessed as technology
	lithium-ion and redox flow will also		alternatives.
	be assessed as technology		
	alternatives.		

Need and Desirability:

Solar energy facilities contribute to energy diversification and enhance energy security. By expanding the renewable energy mix, South Africa reduces its dependence on imported fuels and mitigates the risks associated with fluctuating global energy prices. It provides a clean and renewable source of energy, helping to reduce the country's reliance on fossil fuels and decreasing harmful greenhouse gas emissions. This supports national and global efforts to combat climate change and promote sustainable development.

The following factors contribute to the desirability of the project's location:

- Solar Resource: The solar resource in the area is high. Data obtained from Solar Geographic Information Systems (GIS) shows the broader area between Bloemfontein and Kimberly, which includes the area of proposed projects, has a Global Horizontal Irradiation (GHI) value 2291 kWh/m² making it very suitable for PV.
- Size and Land-use: The affected properties are of a suitable size to provide a viable solar energy facility, while ensuring



that environmental sensitivities present on the property are not compromised. The location of the site within a rural area is preferable to an urban area where dense development would shade the proposed facility, and where there would be several neighbours in close proximity that could be impacted.

- Landowner Consent: The landowner/s have provided consent for the proposed facilities and associated infrastructure.
- Topography, Existing Power Transmission Infrastructure, and Road Network: The topography of the sites can be described as flat which means little cut and fill would be required in order to develop the required levels for the PV platforms. Multiple viable opportunities exist for connecting to the national electricity grid in the vicinity of the project site. The nearby Spitskop and Phoko Eskom substations, along with the close proximity to transmission lines, present promising options for grid connection. All three sites are also accessible via existing farms and direct roads which connects to the R510.

Investing in solar energy infrastructure creates job opportunities and stimulates economic growth. The development, installation, and maintenance of solar PV facilities generate employment across various skill levels, contributing to job creation and local economic empowerment. The proposed projects are envisaged to create the following employment opportunities during the construction and operational phases:

Employment Opportunities	Nyala Solar Energy Facility 1	Nyala Solar Energy Facility 2	Nyala Solar Energy Facility 3	
	Approximately 100 construction	Approximately 150	Approximately 100	
	staff opportunities are expected	construction staff	construction staff	
	at peak of construction. Skills	opportunities are expected	opportunities are expected	
	split would be in line with	at peak of construction. Skills	at peak of construction. Skills	
Construction	applicable procurement	split would be in line with	split would be in line with	
Construction	requirements but would be	applicable procurement	applicable procurement	
	roughly be 60 % low-skilled, 25	requirements but would be	requirements but would be	
	% semi-skilled and 15 % skilled.	roughly be 60 % low-skilled,	roughly be 60 % low-skilled,	
		25 % semi-skilled and 15 %	25 % semi-skilled and 15 %	
		skilled.	skilled.	
	Approximately eight operational staff opportunities are expected. Skills split would be in line with			
Operational	applicable procurement requirements but would be roughly 70 % low skilled, 25 % semi-skilled			
	and 5 % skilled.			

Legislative Requirements:

The S&EIR process will be conducted in accordance with the requirements of the following legislation:

• The National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended). The specific Listed Activities corresponding to each facility are provided in the table below.

FACILITIES	LISTING NOTICE 1 (GNR 983)	LISTING NOTICE 2 (GNR 984)	LISTING NOTICE 3 (GNR 985)
Nyala Solar Energy Facility 1	11, 24, 28 and 56.	1 and 15.	3, 4 and 18.
Nyala Solar Energy Facility 2	11, 24, 28 and 56.	1 and 15.	3, 4 and 18.
Nyala Solar Energy Facility 3	11, 12, 24, 28 and 56.	1 and 15.	3, 4, 14 and 18.

Specialist Studies:

The following Specialist Studies will be conducted as part of the S&EIR Process:

- Agriculture Potential Impact Assessment.
- Aquatic Assessment and Wetland Delineation.
- Avifauna Impact Assessment.
- BESS Risk Assessment.
- Cultural Heritage Impact Assessment.



- Geohydrological Impact Assessment.
- Geotechnical Assessment.
- Landscape and Visual Impact Assessment (including glint and glare).
- Socio-Economic Impact Assessment.
- Terrestrial Ecological Impact Assessment (including plant and animal species).
- Traffic Impact Assessment.

Public Participation:

All Interested and Affected Parties (I&APs) are hereby invited to participate by registering written comments on the abovementioned project to Praxos. Comments should include your name, contact information, and a clear indication of any direct business, financial, personal, or other interests you hold in relation to the project. You may submit your comments via post, fax, or email to the Public Participation Office, the contact details of which are provided below.

Public Participation office

Attention: Richard MyburghEmail:publicparticipation@praxos373.co.zaTel:(011) 453 8727Fax:086 414 3312Post:31 Saint Margaret Street, Hurlyvale, Edenvale, 1611

Public Review of the DSR:

The public is afforded a 30 (thirty) day period from **Wednesday, 13 September to Monday, 16 October 2023** (inclusive) to register and/or comment on the DSR for the above-mentioned project. The report has been made available at the following location:

Place	Address	Telephone
SAPS Northam Police Station	6 Venter Street, Northam, Limpopo, 0360.	Lieutenant Colonel Thulani
		014 784 0128
The DSR is available on:		
 https://www.dropbox.com/sh/6ewammrfvjbcv4s/AAAXRkoEDyKDsOC1bumzhV-Fa?dl=0 		
• A CD copy is available upon request. Please contact Richard Myburgh.		

Praxos will distribute further information and correspondence regarding the project to all registered I&APs and will offer further opportunities for comments during the S&EIR process. Notifications to registered I&APs for comments on the Draft EIR's will be conducted at a later stage.

Should you require further information, please do not hesitate to contact us.

Kind regards For and on behalf of Praxos 373 (Pty) Ltd

Suhasini Naik Environmental Assessment Practitioner

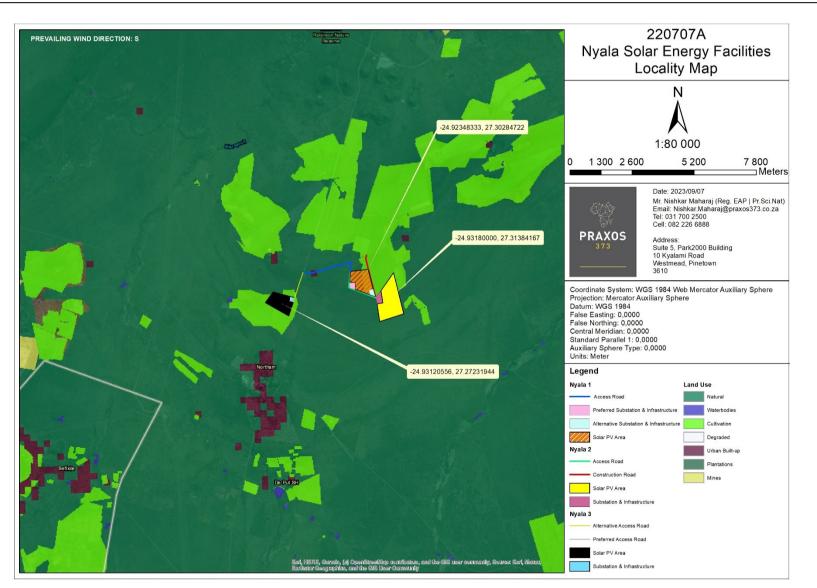


Figure 1: Locality Map of the Proposed Development



Scoping & Environmental Impact Reporting Process Explained

Step 1: Completion of the Application Form for Environmental Authorisation (EA)

Step 1 of the S&EIR process constitutes the compilation of the application form for EA. The application form will be submitted to the Department of Forestry Fisheries and Environment (DFFE) for their consideration. Once the Department accepts the application, the S&EIR process may commence.

Step 2: Compilation of the Draft Scoping Report (DSR)

During Step 2 of the process, a site visit will take place and the DSR will be prepared. The purpose of the DSR will be to provide detailed information relating to the proposed activities to be undertaken on site, the context within which the development is to take place, aerial extent of the development activities, timeframes, detailed motivation as to why it is important for the development to take place etc. The DSR will also outline the Plan of Study (PoS) for the detailed impact assessment to be undertaken during the EIR phase of the project should the Competent Authority (CA) (the DFFE) accept the Scoping Report and Terms of Reference (ToR) for the Specialist Studies.

Deliverables associated with a DSR will include the following:

- DSR (completed in accordance with Appendix 2 of the EIA Regulations, 2014).
- GIS scan and maps the maps will indicate the facility illustrations, location and aerial extent of the proposed development in relation to surrounding environmental conditions.
- Potential impacts and mitigation measures to be assessed during the EIR phase.
- PoS for the EIR phase including Specialist Studies and detailed impact assessment.

Step 3: Public Participation – DSR

Upon completion of the DSR, the document will be made available to the general public for their review and inputs for a period of 30 days. The project will be announced to the public via newspaper adverts, site notice placements and letters to I&APs indicating the means by which they could access the document (hard copies will be made available at various public venues as well as electronically via a drop box link). The notifications will also explain how to provide comments on the project.

All inputs and comments received from I&APs during the public review period of the DSR will be captured and responded to as part of the Comments and Response Report (CRR) that will be submitted to the DFFE as part of the Final Scoping Report (FSR).

<u>Step 4: Compilation of the Draft Environmental Impact Report (EIR), Environmental Management Programme (EMPr) &</u> <u>Specialist Studies</u>

Step 4 involves the compilation of the Draft EIR and undertaking of the required Specialist Studies. The Draft EIR includes a detailed EIA that will be informed by the findings of the various Specialist Studies. The impact assessment and Specialist Studies will determine and assess the potential impacts associated with the project and alternatives.

The findings of the detailed impact assessment and associated Specialist Studies will also inform the compilation of the EMPr. The EMPr will remain a 'Draft' until Environmental Authorisation (EA) is granted for the project due to the fact that the Department may have additional mitigation measures that they want to have included in the EMPr as part of the conditions of the EA (if approved).

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