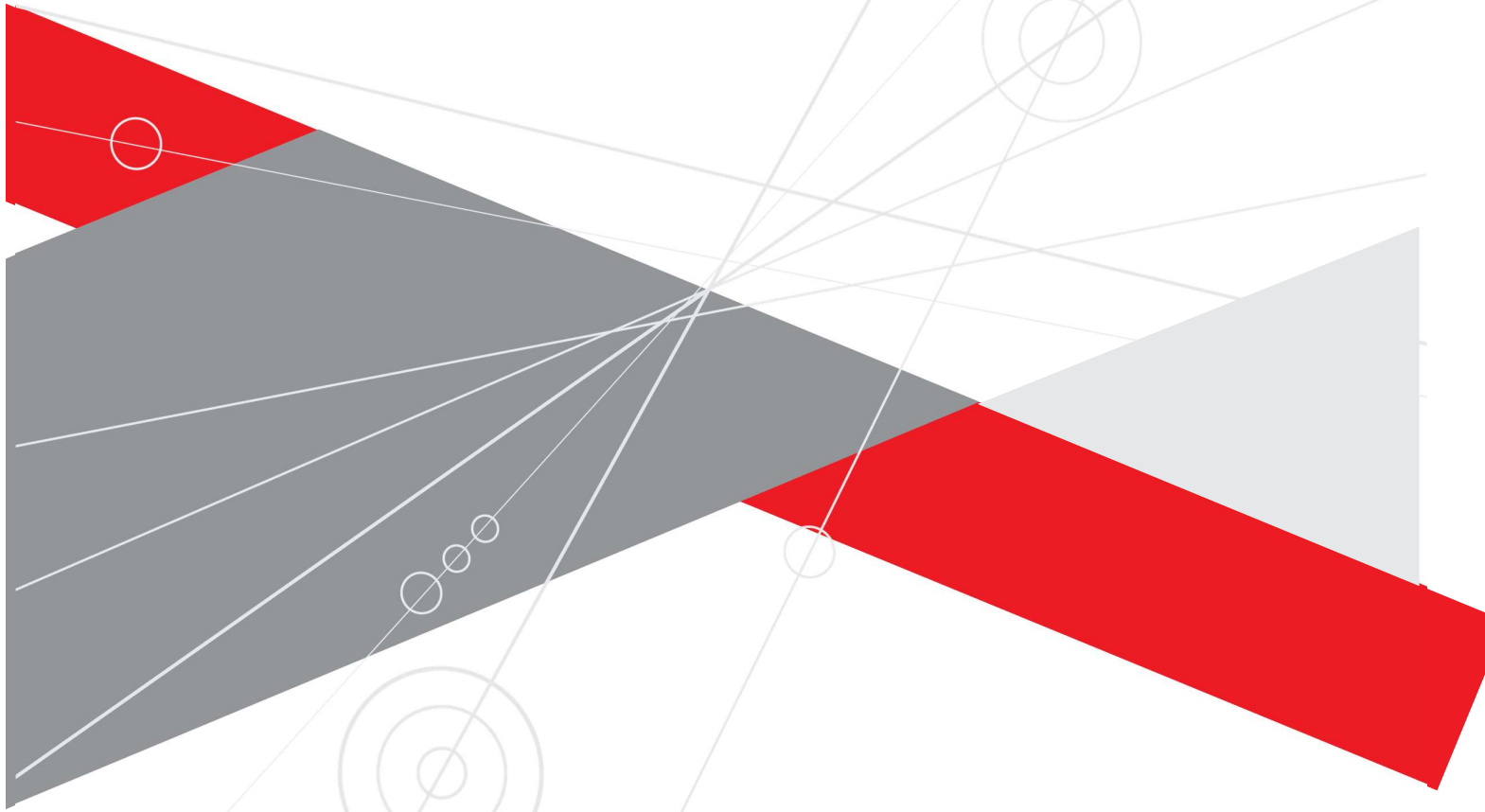


TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY

Mpumalanga Province

Public Participation Report

July 2023



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REPORT DETAILS

Title	:	Social Impact Assessment (SIA) Report: Limestone PV1 Solar Energy Facility
Authors	:	Savannah Environmental (Pty) Ltd Molatela Ledwaba
Client	:	Transalloys (Pty) Ltd
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ACRONYMS

BA	Basic Assessment
CRR	Comments and Responses Report
DME	Department of Mineral and Energy
CV	Curriculum Vitae
GNR	Government Notice
DARDL&EA	Department of Agriculture, Rural Development, Land and Environmental Affairs
I&AP	Interested and Affected Parties
NEMA	National Environmental Management Act (No. 107 of 1998)
PPP	Public Participation Process
PPR	Public Participation Report
PV	Photovoltaic

1. INTRODUCTION

Transalloys (Pty) Ltd has appointed Savannah Environmental as the independent environmental consultant to undertake the Basic Assessment (BA) process for the proposed Transalloys Solar PV Energy Facility, Mpumalanga Province. The BA process is being undertaken in accordance with the requirements of the 2014 EIA Regulations promulgated in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA), as amended. To ensure that the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (DARDL&EA) can make an informed decision, based on a transparent and meaningful process, the Basic Assessment (BA) process must undergo a Public Participation Process (PPP).

This PPP must be undertaken in accordance with regulation 39 to 44 of the EIA Regulations and the Public Participation Report (PPR) therefore been compiled to collectively represent the consultation process that has been undertaken through the PPP.

2. BACKGROUND TO THE PROPOSED PROJECT

2.1 Terms of reference and details of the public participation

Savannah Environmental (Pty) Ltd, was appointed in the role of Independent Environmental Company to undertake the basic assessment processes for the proposed project. This public participation report was compiled as part of the EA process and must be read in conjunction with the EMPr report in support of the EA application. The CV of the PPP is available in **Appendix 1** of this Public Participation Report. The PPP declaration of interest and undertaking is included in section 2.2.1 of this Public Participation Report.

2.2 Statement of Independence

Neither Savannah Environmental nor any of the authors of this report have any actual or potential interest in the findings of this report. Savannah Environmental does not have any business, financial, personal or other interests that could reasonably be regarded as compromising their independence.

SPECIALIST DECLARATION OF INTEREST

I, Molatela Ledwaba, declare that –

- » I act as the independent specialist in this application.
- » I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant.
- » I declare that there are no circumstances that may compromise my objectivity in performing such work.
- » I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity.
- » I will comply with the Act, Regulations and all other applicable legislation.
- » I have no, and will not engage in, conflicting interests in the undertaking of the activity.
- » I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing – any decision to be taken with respect to the application by the competent authority, and – the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority.
- » All the particulars furnished by me in this form are true and correct.
- » I realise that a false declaration is an offence in terms of Regulation 48 and is punishable in terms of section 24F of the Act.

Molatela Ledwaba

Name

Signature

4 July 2023

Date

3. REGULATORY FRAMEWORK

3.1 National Environment Management ACT (NEMA)

Section 41 of the EIA Regulations (2014, as amended) states that written notices must be given to identified stakeholders.

Section 41(2) states that the person conducting a public participation process must consider any relevant guidelines applicable to public participation as contemplated in section 24J of the Act. The person conducting a public participation process must give notice to all potential interested and affected parties of an application or proposed application which is subjected to public participation. Please refer table to **Table 3-1**.

Table 3-1 The stakeholders who were notified to comply with NEMA requirements include the following.

Stakeholder	
the owner or person in control of that land if the applicant is not the owner or person in control of the land	The Land is owned by Transalloys
owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken	Communities
the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area	Local Councillors
the municipality which has jurisdiction in the area	Local Municipality

4. PUBLIC PARTICIPATION PROCESS

4.1 AIM OF THE PUBLIC PARTICIPATION

The stakeholder engagement process aimed to:

- » Ensure compliance with the requirements of the Basic Assessment (BA) process in terms of the EIA Regulations (GN R. 326, as amended) is required to be conducted in support of the applications for EA.
- » Inform the public of the proposed Transalloys Solar Photovoltaic
- » Provide the public with an opportunity to comment and respond to the application.
- » Provide feedback on the outcomes of the stakeholder engagement process.

4.2 WHAT IS AN INTERESTED AND AFFECTED PARTY?

An interested and affected party (I&AP) is defined as any person, group of persons or organisations interested in or affected by an activity, and any organ of state that may have jurisdiction over any aspect of the activity. A proposed activity can directly or indirectly impact and I&AP.

4.3 PRINCLIPLE OF PUBLIC PARTICIPATION

Effective public participation depends on mutual trust, respect and transparent communication between the proponent or applicant and I&APs.

4.4 RIGHTS, ROLES AND RESPONSIBILITIES OF I&APS

I&APs have the right to bring to the attention of the CA any issues that they believe may be of significance to the consideration of the application. The rights of I&APs are qualified by certain obligations, namely:

- » I&APs must ensure that their comments are submitted within the timeframes that have been approved by the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDL&EA) or within any extension of a timeframe agreed by the Proponent, PPP, or competent authorities.
- » Serve a copy of the comments submitted directly to the competent authorities, the Proponent, or the PPP; and
- » Disclose to the PPP any direct business, financial, personal, or other interest they might have in the approval or refusal of the application.

The roles of I&APs in a public participation process usually include one or more of the following:

- » Assisting in the identification and prioritisation of issues that need to be investigated.
- » Making suggestions on alternatives and means of preventing, minimising and managing negative impacts and enhancing proposed project benefits;
- » Assisting in or commenting on the development of mutually acceptable criteria for evaluating decision options;
- » Contributing information on public needs, values, and expectations;
- » Contributing local and traditional knowledge; and
- » Verifying that their issues have been considered.

5. METHOD OF PUBLIC PARTICIPATION

5.1 NOTIFICATION AND INVITATION OF STAKEHOLDERS

Under GN R.326 Section 41, notification of the proposed project was issued to I&APs, via direct correspondence, background information document (**APPENDIX C3**), and registration and comment sheet (**APPENDIX C3**) were distributed to the preliminary list of I&APs as follows:

Stakeholders were invited to register by email (**APPENDIX C5**) as I&APs and to participate in the process by contributing comments and recommendations. An email with a notification letter was sent to the stakeholders on the **Friday, 10 February 2023**, informing them about the project.

5.2 SITE NOTICES

Three Site notices (Five English) (refer to **APPENDIX C2**) with information about the details of the project and process were placed in A2 sizes at locations visible to the nearby communities. The site notices were placed on the **Day Date Month and year**.

5.3 NEWSPAPER ADVERTISEMENTS

In accordance with GNR 326 Section 41(2) (c-d), notification of the proposed project was advertised as follows:

- » Newspaper adverts were placed in the Witbank News in English on the **Friday 10 February 2023**. Please refer to **APPENDIX C2** for proof of placement. The Witbank news is widely read in the project area.

5.4 STAKEHOLDER REGISTRATION

All stakeholders that called to register their interest sent written correspondence, attended focus group meetings, or were recommended by stakeholders were added to the stakeholder database. The respective comments and issues were recorded. **APPENDIX C6** provides a list of stakeholders registered on the stakeholder database. The stakeholder database was updated throughout the BA process.

5.5 NOTIFICATION OF THE AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

- » The Draft BA reports were uploaded on the Savannah website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. for 30 days from the **10 February 2023** to the **13 March 2023**.
- » Background Information Document and comment sheet and notification letter was distributed on the **10 February 2023**.

5.5.1. Comments and Responses Report

Following the conclusion of the 30-day comment period, a comment and response report was compiled and included as **Appendix C8**.

5.5.2. Obtaining public comment

The reports were made available in the public domain for a 30-day comment period during the process. Apart from opportunities to provide comments in writing to a dedicated email address, publicprocess@savannahsa.com, I&APs also had opportunities to contribute questions, issues of concern and comments at meetings as follows:

- » Focus group meeting with the councillors on **Wednesday, 08 March 2023**
- » Focus group meeting with the councillors on **Tuesday, 18 April 2023**

6. SUMMARY OF KEY ISSUES AND CONCERNS

The following is a summary of the key comments, issues and concerns raised:

- » They were concerns about the safety of the animals that grazing near the project site.
- » The recommended that manual labour be used during construction phase;
- » The indicated that the traditional healers practices in the area and they should be consulted;
- » They suggested that Transalloys should develop skills to the locals.
- » They recommended that the community should be engaged prior to any construction
- » They wanted to know how the proposed project will contribute to pollution as the Emalahleni a level 3 contributor to pollution.
- » They raised concerns on the storm water management plan.
- » They requested that the background information document be translated in Isizulu.

7. CONCLUSION

The public engagement process was consistent with the objectives of the stakeholder engagement process as set out in the relevant acts and regulations. Issues and aspects were documented for reference. This report will form part of the Final Basic assessment report.

8. REFERENCES

DEA&DP (2011) Guideline on Public Participation, EIA Guideline and Information Document Series Level of Public Participation as per Public Participation Guideline (DEA, 2017).

APPENDIX 1

Specialist Curriculum Vitae

CURRICULUM VITAE OF MOLATELA LEDWABA

Comprehensive CV

Profession :	Public Participation and Social Consultant
Specialisation:	Public participation process, stakeholder engagement, Facilitation (focus group and public meeting)
Work Experience:	13 years

VOCATIONAL EXPERIENCE

Molatela Ledwaba works as a public participation and social consultant at Savannah Environmental. She has a BA in Environmental Management and is currently working on her BA(Hons) in Environmental Management. Molatela has thirteen (13) years of experience in office administration, project coordination, and public participation in a variety of industries including geohydrological and environmental services projects, but not limited to infrastructure development and mining.

She has worked for both small and large organizations, gaining experience in research, data collection, planning and execution of social surveys, data management and community facilitation. Molatela has experience working on projects in South Africa and Kenya. She has been taking part in public participation, stakeholder engagement and socioeconomic baseline. She has successfully completed several public participation processes for ESIA BA, and WULA projects.

SKILLS BASE AND CORE COMPETENCIES

- Competent in Microsoft Word, PowerPoint, excel and Outlook
- Public Participation and Stakeholder Engagement
- Geographical Information Systems (basic – ArcGis & QGis)
- Social Research
- Comments and Response Report
- Facilitation
- Desktop -Socio economic baseline
- Ability to accurately track inventory and compile reports
- Great team player and can work well independently
- Google Earth

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- BA(Hons) Environmental Management (current) University of South Africa
- BA Environmental Management (2017) University of South Africa

EMPLOYMENT

Date	Company	Roles and Responsibilities
<p>29 August 2022 - Current:</p>	<p>Savannah Environmental (Pty) Ltd</p>	<p><i>Public Participation and Stakeholder Engagement</i> <u>Tasks include:</u></p> <ul style="list-style-type: none"> • Facilitation of stakeholder meeting • The execution of all tasks relating to public participation such as identification of affected parties and relevant stakeholders, ongoing stakeholder consultation, liaison with relevant environmental authorities and stakeholders, arranging, co-ordinating and attending public consultation meetings, compilation of public participation documentation and public administration tasks • Administration task associated with the public participation process required to be undertaken in terms of the National Environmental Management Act, 1998(Act No.107 of 1998), read with the EIA Regulations (2014), as amended. Tasks include, inter alia identification of affected parties and relevant stakeholders, arranging public consultation meetings, compilation of public participation documentation and filing of public participation related records, report release, administration uploads and accurate record keeping. • Administrative support to environmental authorisation, permitting and licensing tasks and undertake site visits to support public participation or social impact assessment processes. • Project-related GIS mapping. • Implementation of appropriate procedures and mechanisms to consolidate and complete a compliance check on project-related files with a view to enhance overall management of project documentation for all closed, live

Date	Company	Roles and Responsibilities
		<p>and future projects executed by the company.</p> <p><i>Social Consultant</i></p> <p><u>Tasks include:</u></p> <ul style="list-style-type: none"> • Compilation of Social Impact Assessment • Conduct socio-economic analyses and public participation processes • Undertaking community engagement and liaison activities • Contributing socio economic baseline details to the EIA process • Liaise with landowners, government at various levels • Demographic profiling • Conducting research • Compile and review reports for submission to client and/ or legal authorities • Project, client and management
<p>10 June 2022 – 26 August 2022</p>	<p>Nemai Consulting Cc</p>	<p><u>Environmental Officer</u></p> <p><u>Tasks included:</u></p> <ul style="list-style-type: none"> • Contributing to EIA projects • Conducting site visits • Carrying out Stakeholder Engagement process • Data analysis • Public Participation process • Conducting Social survey • Community Participation Consultant
<p>01 March 2018 – 31 July 2022</p>	<p>Golder Associates Africa</p>	<p>Social Sciences Project Coordinator</p> <p><u>Tasks included:</u></p> <ul style="list-style-type: none"> • Compilation of reports, i.e., public participation and Socio-economic baseline. • Helped with Social research. • Contributing to EIA projects. • Desktop study analysis and assisted with Water Use License applications. • Compiled and maintained stakeholder database. • Compilation of announcement documents for EIA projects. • Assisted with mail and email merges.

Date	Company	Roles and Responsibilities
		<ul style="list-style-type: none"> • Liaised with a wide range of stakeholders representing various sectors of society. • Coordinated the publication of mandatory advertisements and collected tear sheets. • Coordinated delivery of documents to the authorities. • Captured stakeholder comments and social survey data in appropriate MS Office programmes. • Preparation of meeting agendas, presentations, and compilation of minutes. • Carried out structural crack survey. • Arranged logistics for public participation meetings. • Performed general administrative support to Environmental Services division. • Managing courier services. • Coordinating travel arrangements and accommodation bookings
<p>26 May 2006 – 31 May 2017</p>	<p>Khulani GeoEnviro Consultants Pty Ltd</p>	<p>Office Administrator/ Database and GIS Operator Tasks included:</p> <ul style="list-style-type: none"> • Geohydrological and geological data capturing on Aquabase and Log plot. • GIS work and map productions (Qgis and ArcGIS). • Contributed to compilation of geohydrological reports. • Prepared and attended Public Participation Meetings. • Liaised with relevant government departments regarding issuing of Record of Decision. • Prepared Water Use License Applications for boreholes. • Performed general administrative support to specific projects. • Operated Switchboard by answering, screening, and forwarding calls to the person(s), taking messages and scheduling appointments. • Greeted clients and visitors with a positive and helpful attitude, determined nature

Date	Company	Roles and Responsibilities
		<p>and purpose of visit, directed, and escorted them to the relevant person.</p> <ul style="list-style-type: none"> • Collected, distributed messages and managed courier deliveries. • Made travel arrangements and accommodation bookings. • Coordinating monthly payments of office bills. • Filling and maintenance of electronic and manual record for department within the company. • Coordinated appointments, meeting and managed the MD's diary effectively. • Took minutes of meetings. • Ordered office supplies and maintained proper stock levels.

PROJECT EXPERIENCE

Project Name & Location	Client Name	Role
EIA Middelvlei Solar Energy Facility, Gauteng Province	Sigmar Solar Africa (Pty) Ltd	Public Participation consultant and Social Impact Assessor
BA ST2 Springbok Solar PV Energy Facility, Eastern Cape Province	ST2 ABANGANI (PTY) LTD	Public Participation consultant
Part 1 Amendment Springbok Wind Energy Facility, Eastern Cape Province	Mulilo Springbok Wind Power (Pty) Ltd	Public Participation consultant
EIAs and BAs Veldrift Solar PV Energy Facility and GRID Klipfontein Solar PV Energy Facility and GRID Dwarkerbos Solar PV Energy Facility and GRID Elandsbaai Solar PV Energy Facility and GRID Komsberg Solar PV Energy Facility and GRID, Western Cape Province and Northern Cape Province	Salika Project SA (Pty) Ltd	Public Participation consultant
BA Impofu Cluster Buffer Yard, Eastern Cape Province	Red Cap Impofu West (Pty) Ltd	Environmental Assessment Practitioner and Public Participation consultant

Project Name & Location	Client Name	Role
EIA Zondereinde PV Solar Energy, Limpopo Province	Letsatsi PV (Pty) Ltd	Public Participation Consultant
EIA Buffelspoort PV Solar Energy, Northwest Province	Buffelspoort Solar Project (Pty) Ltd	Social Impact Assessor
EIA- Danielskuil Solar PV1 and Pv1 and Wind Farm Energy, Northern Cape	AGV Renewable Energy Pty Ltd	Public Participation consultant and Social Impact Assessor
Orange Farm to Johannesburg Inner City Integrated Corridor Management, City of Johannesburg	SMEC South Africa	Stakeholder Engagement Consultant
Illovo Water Pipeline Upgrade, City of Johannesburg	PHB Engineers	Social Facilitator
Application for Environmental Authorisation (EA), Water Use Licence (WUL) & Atmospheric Emission Licence (AEL), KwaZulu Natal	Lanele Group	Stakeholder Engagement Consultant
Water Use Licence at Kliprivier Plant, Gauteng	Twinsaver Group (Pty) Ltd	Public Participation Consultant
IWULA/ WUL, Greater Tubatse	Tubatse Ferrochrome (Pty) Ltd	Public Participation Consultant
Section 24 G and Air Emissions Licence Application, Richards Bay	Grindrod Terminals (Pty) Ltd	Public Participation Consultant
Proposed Road Realignment EIA/ EMP, Mpumalanga	Mafube Coal Mining (Pty) Ltd	Public Participation Consultant
Air Emissions Licence Application and WUL, Richards Bay	Hillside Aluminium (Pty) Ltd	Public Participation Consultant and Water Use Licence Application
EIA EMP IWULA/ WUL, Turfvlakte Coal Mine Mpumalanga	Exxaro Coal (Pty) Ltd	Water Use Licence Application
Environmental Impact Assessment, Lakenvalei & Impunzi Mine, Limpopo	Glencore Operation South Africa (Pty) Ltd	Water Use Licence and Socio-economic Baseline report Writer
Environmental and Social Impact Assessment, Democratic Republic of Congo	MMG Limited (Kinsevere Mine)	Public Participation Consultant
Seriti Metsimaholo Mining Right Application, Free state	Serite Coal (Pty) Ltd	Public Participation Consultant
Proposed Lokichar to Lamu Crude Oil Pipeline Project, Kenya	Government of Kenya and its commercial partners- Tullow-Oil Kenya Ltd, Africa Oil Turkana Ltd and Total/ Maersk Oil Kenya Ltd	Public Participation, Socio-Economic Baseline and Report writer
Basic Assessment process, Northern Cape	South32 Hotazel Manganese Mine (Pty) Ltd – Mamantwan Mine	Public Participation Consultant
Basic Assessment Process, Northern Cape	Goodrock Chemworks (Pty) Ltd	Public Participation Consultant
Basic Assessment and Water Use Licence process	AngloGold Ashanti (Pty) Ltd	Public Participation Consultant
Ibutho Coal Exploration Project, Kwa Zulu Natal	Ibutho Coal (Pty)Ltd	GIS Support
Mpefu Coal Exploration Project, Limpopo	Ibutho Coal (Pty) Ltd	GIS Support

Project Name & Location	Client Name	Role
Welbedacht Water Supply, Northwest Province	Phumaf Consulting Engineers (Pty) Ltd	Public Participation Consultant, Water Use Licence Application and GIS Support
Praktiseer and Dzumeri RDP Development Projects, Greater Tubatse	SMV Consulting Engineers	Public Participation Consultant
Coligny Water Supply, Northwest Province	Phumelela Africa (Pty) Ltd	Water Use Licence Application and GIS Support
Setlagole Water Supply	Phumelela Africa (Pty) Ltd	Water Use Licence Application and GIS Support
Itsoseng Water Supply	Phumelela Africa (Pty) Ltd	GIS Support and Report Writer
EIA for the proposed new development of houses, Northwest Province	Kananibo Investments CC	Public Participation Consultant

APPENDIX C1
INTERESTED & AFFECTED PARTIES DATABASE



Company	First Name	Last Name	Position	Department	Address Line	Phone Number	Fax	Mobile	Email Address	Farm 1 Name	Farm 1 Number	Farm 1 Portion
Highveld Industrial Park	Thia	Oberholzer	Environmental Management			013 010 6002		082 610 9481	Thiav@hipark.co.za			
Mainstream Renewable South Africa (Pty) Ltd	Luke	Attenborough						079 691 5686	luke.attenborough@mainstreammp.com			
MP Department of Agric, Rural Development, Land and Environmental Affairs	A	De Lange	Environmental Services			(013) 766-6068			adelange@mpg.gov.za			
MP Department of Agric, Rural Development, Land and Environmental Affairs	S	Hlatswayo	Environmental Impact Manager			(013) 766-6040			SHlatswayo@mpg.gov.za			
Mpumalanga Agriculture Manager	Hennie	Laas				013-819-1295		082-401-0868	hlaas@pkmakelaars.co.za			
Mpumalanga Dep of Agriculture & Rural Dev & Land Admin	Sylvia	Masoka	Director			013 947 2551			nsylvia706@gmail.com			
Mpumalanga Department of Economic Development, Environment & Tourism	MC	Theledi				013-766-4004			MTheledi@mpg.gov.za			
Mpumalanga Provincial Heritage Resources Authority (MPHRA)	Benjamin	Moduka	Heritage Officer			013-766-5196			bmoduka@mpg.gov.za			
Mpumalanga-DARDLEA	CM	Chunda	Head of Department			017 766 6020			nmbedu@mpg.gov.za			
Mpumalanga-DARDLEA	G	Mashiteng	Head of Department: Economic Dev			013 766 4101			amare@mpg.gov.za			
Mpumalanga-DARDLEA	L	Monareng	Acting Head of Department			013 766 6020	013 766 8429		prunkosi@mpg.gov.za			
Mpumalanga-DARDLEA	Lindokuhle	Zwane	Secretary to HOD: Agriculture			013 766 6080			lzwane@mpg.gov.za			
Mpumalanga-DARDLEA	Lucas	Mhlangu		Environmental Impact Assessment		013-692-6300		082 214-7435	cnmthimunye@mpg.gov.za			
Mpumalanga-DARDLEA	Marcini	Govender		Environmental Impact Assessment		013-692-6300		082 214-7435	dtswai@mpg.gov.za			
Mpumalanga-DARDLEA	N	Mashaba-Xulu	Secretary HOD: Co-operative Gover			013 766 6321			mashabanh@mpg.gov.za			
Mpumalanga-DARDLEA	OG	Xaba	Director: Gert Sibande District	Environmental Impact Assessment		017 819 2076			goxaba@mpg.gov.za			
Mpumalanga-DARDLEA	Okwethu	Fakude		Environmental Impact Assessment		013-692-6300		082 214-7435	oqfakude@mpg.gov.za			
Mpumalanga-Dept of Public Works, Roads & Transport	J	Beharrie	Secretary to HOD: Public Works, Ro			013 766 6311			jbeharrie@mpg.gov.za			
Mpumalanga-Dept of Public Works, Roads & Transport	PJ	Phala	Head of Department: Public Works,			013 766 6321			phalaj@mpg.gov.za			
MTN	Renier	Nel							Renier.Nel@mtn.com			
MTN	Sherly	Grey	National Property Manager			083 222 6705			gry_s@mtn.co.za			
MTN	Tessa	Smith						083 200 8631	tessa.smith@mtn.com			
Nkangala District Municipality	E	Tshabalala	Social & Environmental Services			132492018			tshabalala@nkangaladm.org.za			
Nkangala District Municipality	Margaret	Skosana	Municipal Manager	Municipal Manager		013-249-2000			skosanamm@nkangaladm.gov.za			
Nkangala District Municipality	Mpho	Nembilwi	Air Quality Management	Air Quality Management		013 249 2160		083-423-3011	nembilwim@nkangaladm.co.za			
Nkangala District Municipality	Naume	Nkosi	Secretary to Municipal Manager			013-249-2005			nkosinm@nkangaladm.gov.za			
Nkangala District Municipality	TC	Makola	Municipal Manager			132492004	132492087		simelaneke@nkangaladm.org.za			
SAHRA	Nokukhanya	Khumalo	Heritage Officer: Mpumalanga & Lim			021-462-4502			nkhumalo@sahra.org.za			
Sasol Limited	Paul	Cronje	Head Mining Rights and Land			071 603 0909			paul.cronje@sasol.com			
Sasol Mining	Jacques	du Plessis				017 614 8008		083 270 6753	jacques.duplessis@sasol.com	Vlakfontein	264	2
Sasol Mining Pty Ltd	Bertie	Botha	Environmental Manager	Support Services		017 614 3369	017 614 5192	082 452 5742	bertie.botha@sasol.com			
Savannah Environmental (Pty) Ltd	Molatela	Ledwaba	Public Participation and Social Cons	Social and Public Participation				060 978 8396	molatela@savannahsa.com			
Sentech Ltd	Johan	Koegelenberg	Coverage Planner: RF Networks	Renewable Projects		011 471 4400	011 471 4754	079 267 8920	koegelenbergJ@sentech.co.za			
Sentech Ltd	Serame	Mothake	Manager	Radio Frequency Network Planning		011 471 4561	011 471 4754		MothakeS@sentech.co.za			
Sentech Ltd	Zane	Mannell	Head	National Operations and Planning		(011) 471-4770	(011) 471-4651		mannellz@sentech.co.za			
Seriti Green	Mukondeleli	Makoya	Project Developer					063 331 0620	mukondeleli.makoya@seritigreen.com			
South African Civil Aviation Authority (CAA)	Lizelle	Stroh	Obstacle Specialist	Aviation Obstacle and GIS		0115451232	0115451282	083 461 6660	obstacles@caa.co.za			
South African Civil Aviation Authority (CAA)	Marie	Pretorius	Obstacle Specialist	Directorate: Land Use and Soil		(011) 545-1375			pretoriusm@caa.co.za			
South African Civil Aviation Authority (CAA)	Zwelithini	Vilakazi	Inspector: PANS-OPS/Cartography			011 545 1617		083 461 6068	obstacles@caa.co.za			
Transalloys		Ephraim	Environmental Management and Cor					072 697 5957	ephraimm@transalloys.co.za			
Transalloys	Glenrose	Shimusi	LED Practitioner					083 424 2595	glenroses@transalloys.co.za			
Transnet Capital projects	Johannes	Bouwer							johannes.bouwer@transnet.net			
Transnet Freight Rail	Given	Mashiane							Given.Mashiane@transnet.net			
Transnet Freight Rail: Mpumalanga	Jenny	Govender							Jenny.Govender@transnet.net			
Transnet Freight Rail: Mpumalanga	Nsumbulana	Mtsenga							nsumbulana.mtsenga@transnet.net			
Transnet Freight Rail: Mpumalanga	Sihle	Madlala							Sihle.Madlala@transnet.net			
Transnet Freight Rail: Mpumalanga	Tshildzi	Mavulwana							Tshildzi.Mavulwana@transnet.net			
Transnet Freight Rail	Vincent	Matabane							vincent.matabane@transnet.net			
Transnet Freight Rail: Mpumalanga	Yolanda	Potgieter						071 021 9363	yolanda.potgieter@transnet.net			
Transnet SOC Limited	Philiwiwe	Selwane							Philiwiwe.Selwane@transnet.net			
Transnet SOC Limited: Mpumalanga	Rudzani	Dagada	Property Manager: Northern Region					083 467 2998	rudzani.dagada@transnet.net			
Transnet SOC Limited	Samantha	Herbert										
Transnet SOC Limited	Thami	Hadebe				011 308 3000			thami.hadebe@transnet.net			
Transnet SOC Limited	Vuyo	Keswa	Environmental Manager	Transnet Freight Rail		0359067069		071 892 5450	vuyo.keswa@transnet.net			
Vodacom	Hennie	Barnard	Property Manager	Vadom Central Region			082 271 1430	082 990 6620	hennie.barnard@vodacom.co.za			

Appendix C2
Site Notice & Newspaper Advertisement



NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Applicant: Transalloys (Pty) Ltd

Proposed Activity: The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures.
- » Inverters and transformers.
- » Cabling between the panels.
- » On-site facility substation and power lines between the solar PV facility and the Transalloys smelter.
- » Security office, operations and control, and maintenance and storage laydown areas.
- » Access roads and internal distribution roads.

Project Location: Adjacent to the existing Transalloys smelter complex on Clewer Road 1034, Emalahleni in the Emalahleni Local Municipality. On Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

Application for Environmental Authorisation: In terms of Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with GNR 144 of February 2021, a Basic Assessment (BA) process is required in support of the application for Environmental Authorisation for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility.

Public Participation Process: Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant responsible for undertaking the BA and Public Participation process in support of the application for Environmental Authorisation. **To obtain further information on the project and to register on the project database, please submit your name, contact information and interest in the project, in writing, to:**

Nicolene Venter at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396

Fax: 086 684 0547

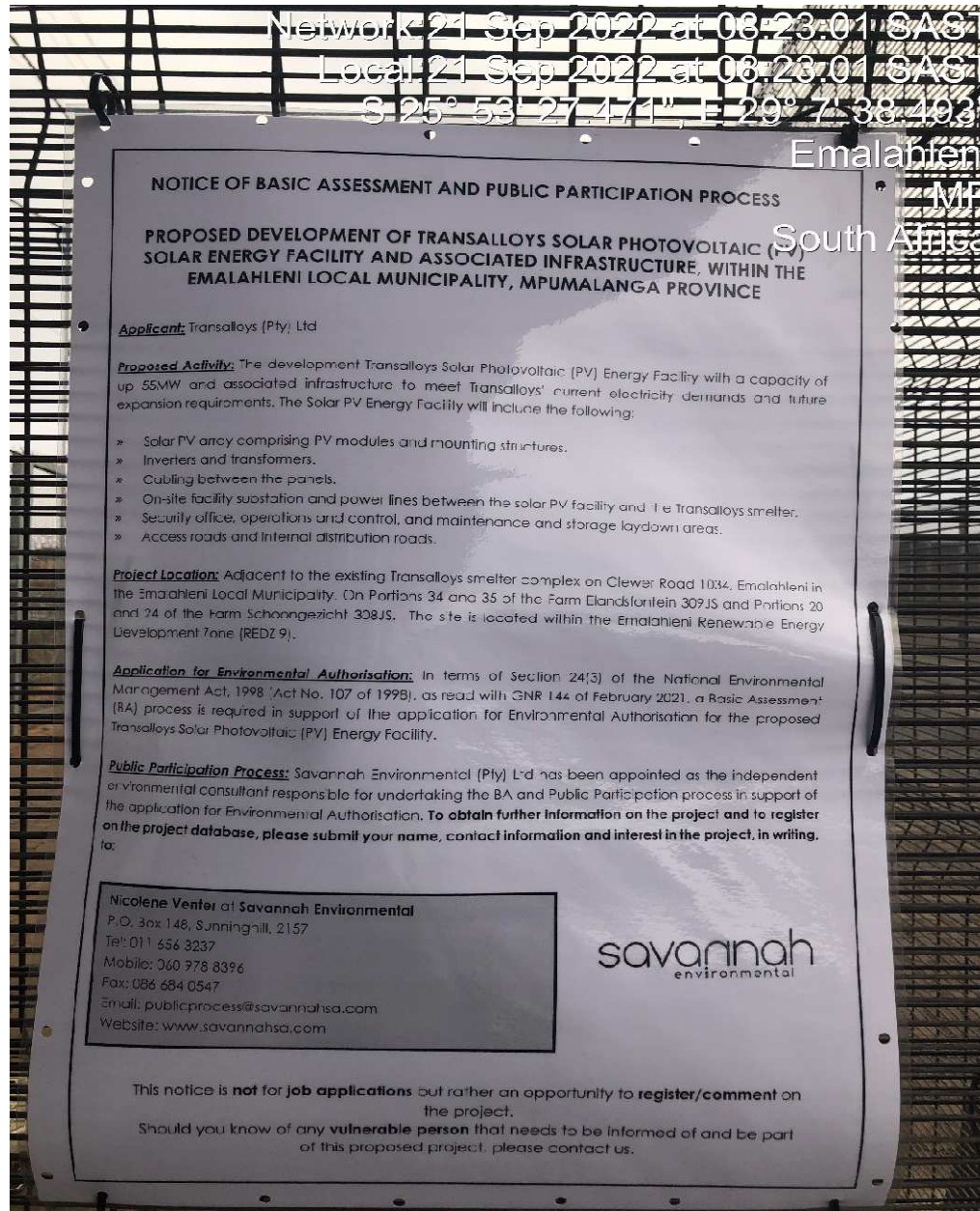
Email: publicprocess@savannahsa.com

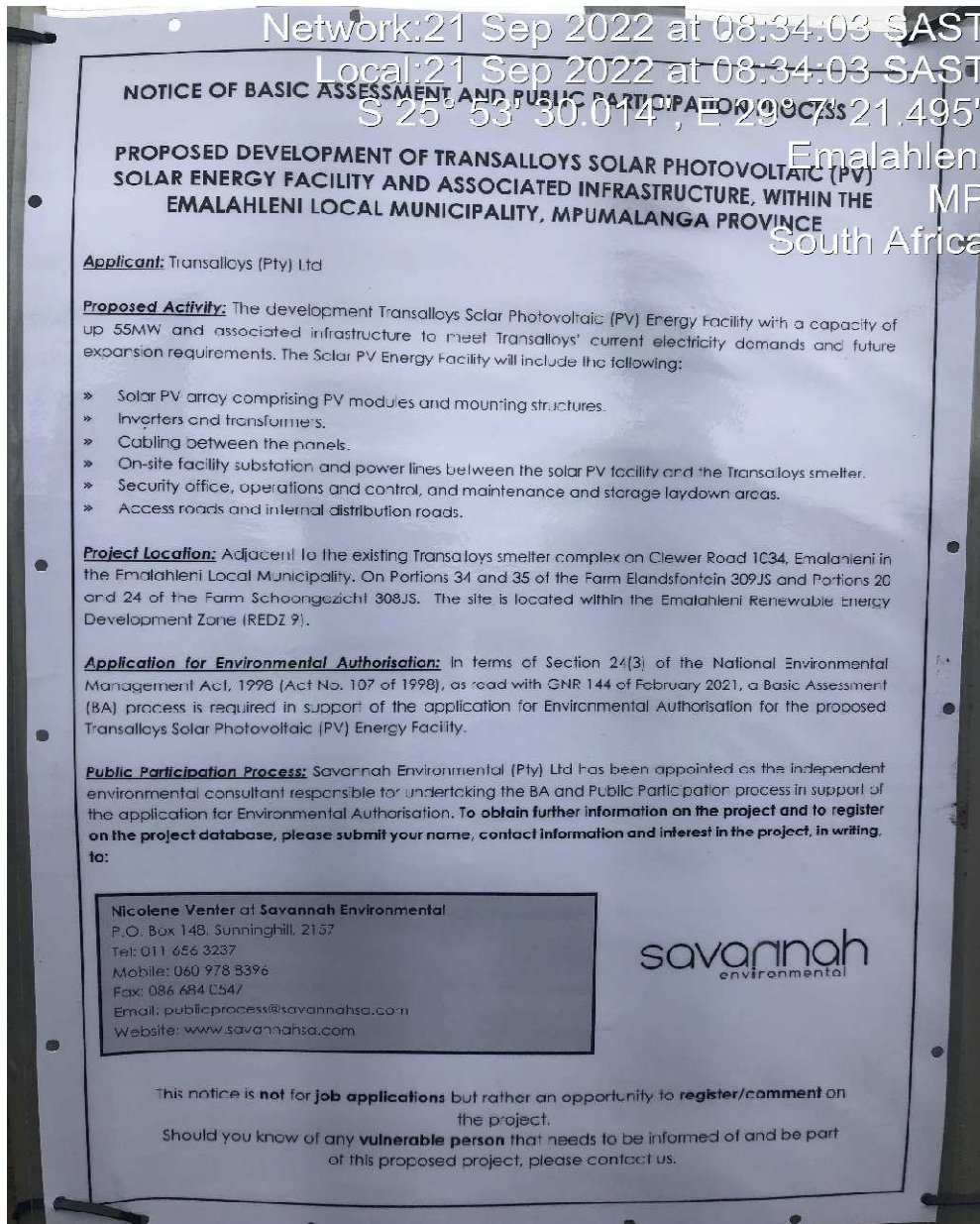
Website: www.savannahsa.com

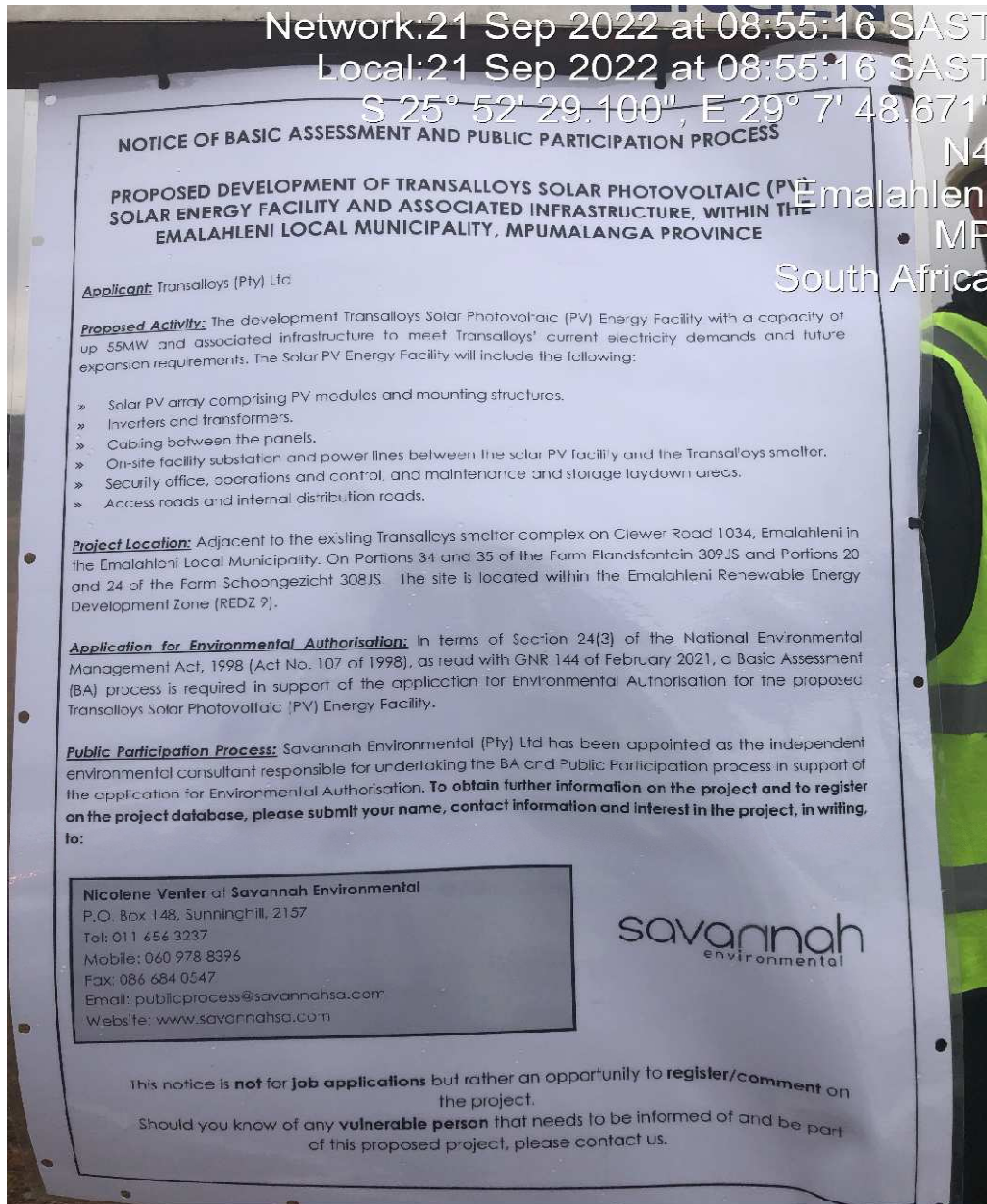


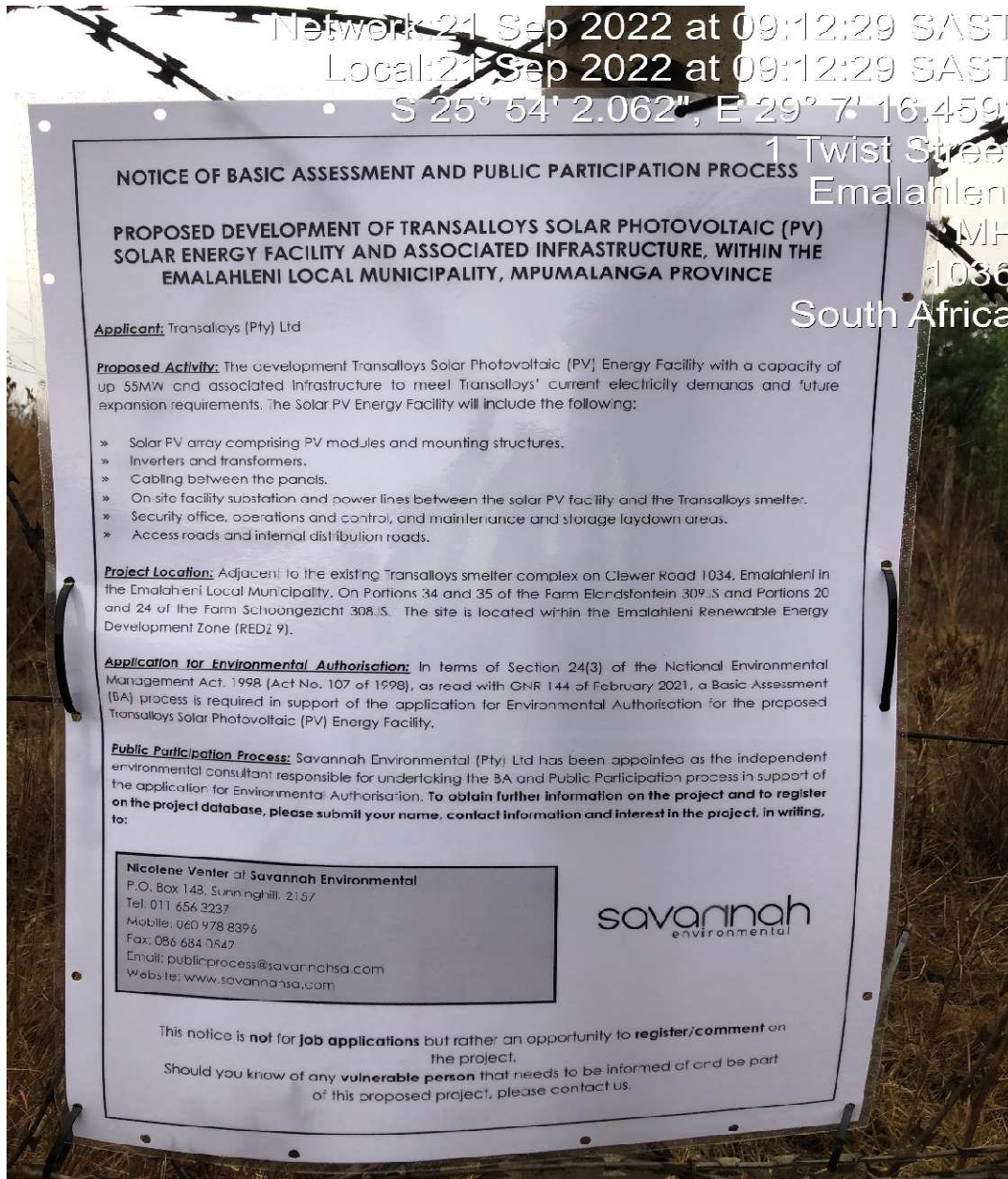
This notice is **not** for **job applications** but rather an opportunity to **register/comment** on the project.

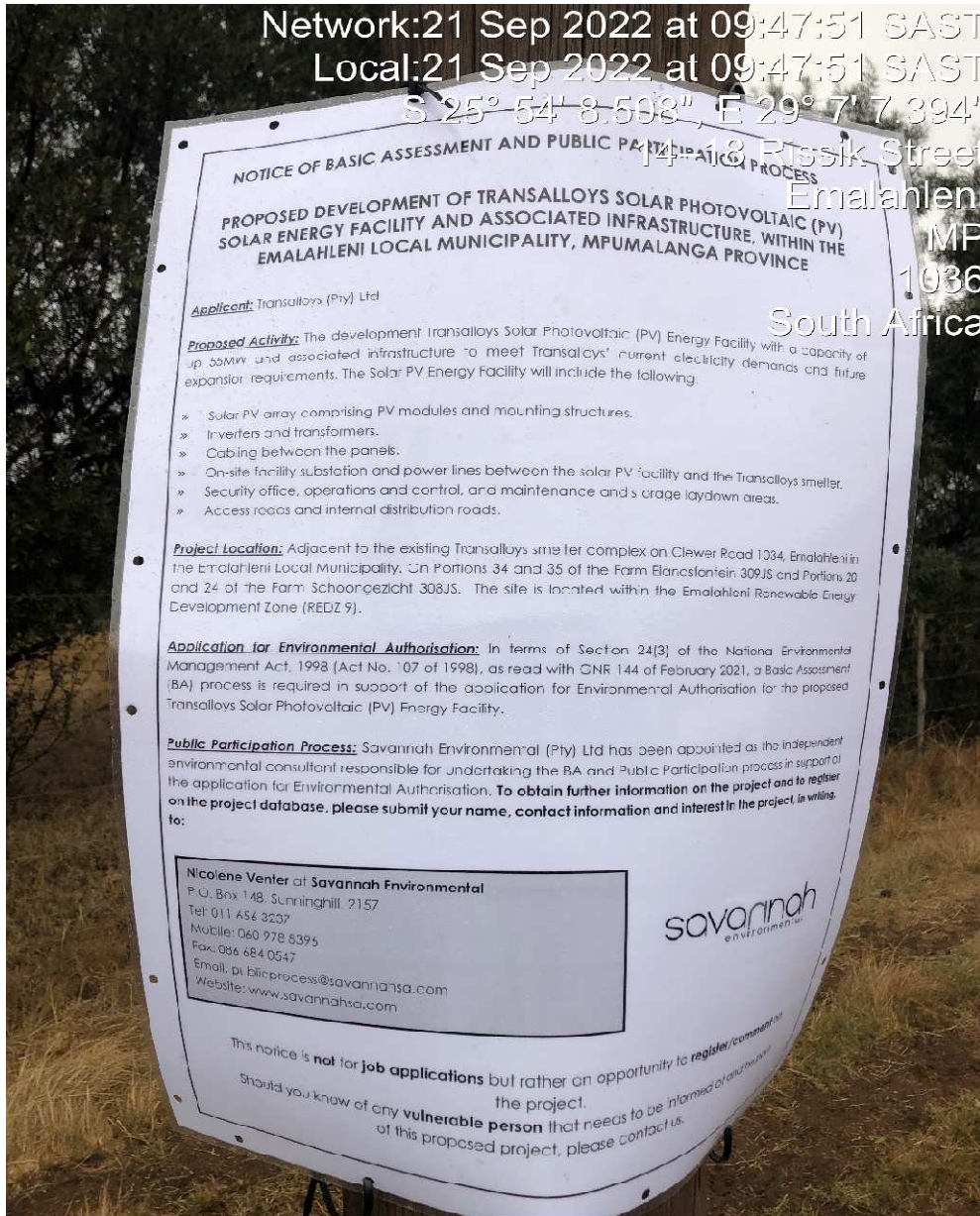
Should you know of any **vulnerable person** that needs to be informed of and be part of this proposed project, please contact us.











NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Applicant: Transalloys (Pty) Ltd

Proposed Activity: The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- » Inverters and transformers
- » Cabling between the project components
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- » Security office, operations and control, and maintenance and storage laydown areas
- » Access roads and internal distribution roads

Project Location: Adjacent to the existing Transalloys smelter complex on Clewer Road 1034, Emalahleni in the Emalahleni Local Municipality. On Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

Application for Environmental Authorisation: In terms of Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with GNR 144 of February 2021, a Basic Assessment (BA) process is required in support of the application for Environmental Authorisation for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023** to **13 March 2023**. The final day for written comments to be submitted is **13 March 2023**.

To obtain further information and register on the project database and submit comments or queries, please refer to the contact information:

Bregardia Rabbie at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396


Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Website: www.savannahsa.com

savannah
environmental

VACANCIES • BETREKKINGS


VACANCY

SUPERVISOR X4

JOB DESCRIPTION
Site Supervisor is responsibility of the Maintenance of conveyor belt in work area of New Denmark Colliery (Standerton), mechanic fitter with duties pertaining to the install, troubleshoot and repair equipment, spillage and distribution systems involving work of a varied nature, with little supervision. Mechanic Fitter skills and conveyor belt skills are a plus.

RESPONSIBILITIES

- Bearing maintenance, Lining and levelling, Mechanical clip joints
- Drive installation, Pulling belts, Winch operation, Belt extension
- Fault finding on belt snaps and joint failure
- Ensure all plant and tool management are in order
- Be a team management leader
- Working directly with client's foreman underground and surface including workshop

REQUIREMENTS

- Qualified Mechanical Fitter trade
- Minimum of 3-4 years' experience on conveyor belts
- Good verbal & written communication and human relations skills
- Knowledge of safety
- Able to manage workforce in dynamic situations
- Be able to work under pressure and be highly self-motivated
- Understanding of the mining industry
- Driver's licence and own transport will be an advantage

Please forward CV's to: HR Department email: recruitment@siyanqobangamandla.co.za

NB: Closing date for applications: 16th February 2023

If you have not heard from the company within 14 days after the closing date, please assume that your application has been unsuccessful.



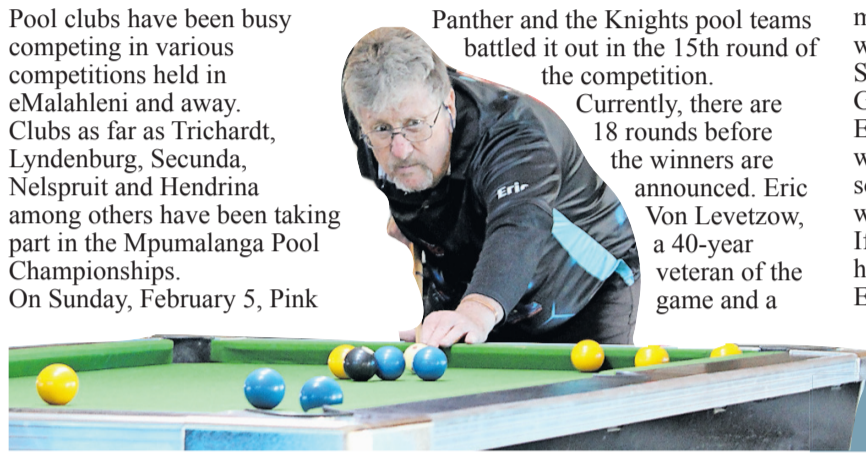
Knights Pool Club players: Ronnie Pruis, Nadine Cronje, Hannes Aslett, Eric Levetzow and Dave Smit (Captain).

Pool clubs are 'queuing' for the top spot

Pool clubs have been busy competing in various competitions held in eMalaheni and away. Clubs as far as Trichardt, Lydenburg, Secunda, Nelspruit and Hendrina among others have been taking part in the Mpumalanga Pool Championships. On Sunday, February 5, Pink Panther and the Knights pool teams

battled it out in the 15th round of the competition. Currently, there are 18 rounds before the winners are announced. Eric Von Levetzow, a 40-year veteran of the game and a

member of the Knights Pool Club will be playing blackball in the South African Grand Masters held at Gold Reef City from May 19 to 26. Eric also encourages people who would like to join the team to do so as new members are always welcome. If you are interested in joining or have any queries, you can contact Eric at 082 078 4629.



Eric Von Levetzow, member of the Knights Pool Club.

DIG Group is looking for a

QUALIFIED TRADE TESTED DIESEL MECHANIC



DIG Group is urgently looking for a Qualified Trade Tested Diesel Mechanic

With a minimum of 4 years' experience in the Mining/Earthmoving Equipment industry. Only candidates from Middelburg/surrounding communities will be considered. Must be available immediately.

Please send CVs with qualifications & contactable references to cv@digggroup.co.za or fax to 082 224 3125.

Please use DMECH23 as the reference when applying.

Closing Date: 13/02/2023

HGH's annual golf day is a perfect blend of exercise and relaxation

Hoërskool Generaal Hertzog (HGH) is gearing up for their golf day that is taking place in the Month of Love. Mark February 24 in big bold letters on your calendar for HGH's annual golf day that is taking place at Witbank Golf Club.

The format is a Better Ball Scramble Drive. A shotgun start will get the golfers going at 09:00. The entry is R1 400 for a four-ball. There are fabulous prizes up for grabs. To sponsor a hole will cost you R2 500, and a sponsored hole and a four-ball are R3 500. Prize sponsors are also welcome. For more information contact Elri Geldenhuis at 081 436 9882, Nodine Buchan at 082 423 3149, or email bemarking@hgteam.co.za

Qualified Diesel Mechanic
 Required for Profile Plant Hire SA


Location - Mpumalanga (Delmas/Witbank/Middelburg)

Requirements:

- Driver's license
- National senior certificate
- Diesel mechanic trade test certificate (Red seal)
- Medically fit
- 3 Years experience on yellow equipment
- Fluent in English or Afrikaans
- Knowledge on Bell, Doosan, Sumitomo machines preferable

Please send all CVs: enquiries@profileplant.com

Closing date: 17 February 2023 m110feb\dieselmech



INTERNAL AND EXTERNAL ADVERTISEMENT

MINE OVERSEER - STONWORK

Job Information
Position: Mine Overseer - Stonework:Overlooked Colliery
Location: Bethal, Mpumalanga
Closing date: 16 February 2023

<p>PURPOSE:</p> <p>To coordinate the day-to-day mining production activities in area of responsibility in accordance with Statutory requirements (MHSA).</p> <p>EXPERIENCE AND REQUIREMENTS:</p> <ul style="list-style-type: none"> • 5 year's relevant mining underground coal mining experience • MHS Act Regulation 2.14.1 (Mine Overseer) • Certificate of Fitness • Managerial/supervisory experience • Technical design and analysis • Technical knowledge of mining operations • Applicable legal knowledge & understanding • Prior knowledge of Dyke/stone development, Back-buy activities and transport will be advantageous 	<p>QUALIFICATIONS:</p> <ul style="list-style-type: none"> • Grade 12/N3 Certificate • Mine overseer or Mine Manager's Certificate of Competence (Coal Mining) • Blasting Certificate underground coal mining • Valid driver's licence • Competent in MS Office suite <p>POSITION OUTPUTS:</p> <p>The incumbent will be responsible for the following:</p> <ul style="list-style-type: none"> • Interact with all mining disciplines • Drive production and maintenance • Monitor production schedule and allocations of resources • Ensure maintenance management • Develop and maintain a document management system to ensure efficient storage and access of information • Work according to mine's policies and procedures and to ensure adherence to code of practice and report deviations • Enforce compliance to mine MHSA and regulations.
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To apply, send your recently updated CV and certified copies of qualifications to email: recruitment@overlooked.co.za on or before 16 February 2023. The appointment will be made in accordance with Overlooked Group's Employment Equity Policy. If you have not been contacted within 28 days after the closing date, please accept that your application was unsuccessful.

Overlooked Group values: *Excellence *Entrepreneurial & Innovative * Humility *Teamwork & Respect *Trust & Honesty

NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Applicant: Transalloys (Pty) Ltd

Proposed Activity: The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures.
- » Inverters and transformers.
- » Cabling between the project components.
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys substation.
- » Security office, operations and control, and maintenance and storage laydown areas.
- » Access roads and internal distribution roads.


Project Location: Adjacent to the existing Transalloys smelter complex on Clewer Road 1034, Emalaheni, in the Emalaheni Local Municipality. On Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS. The site is located within the Emalaheni Renewable Energy Development Zone (REDZ 9).

Application for Environmental Authorisation: In terms of Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with GNR 144 of February 2021, a Basic Assessment (BA) process is required in support of the application for Environmental Authorisation for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023 to 13 March 2023**. The final day for written comments to be submitted is **13 March 2023**.

To obtain further information and register on the project database and submit

Bregardia Rabbie at Savannah Environmental
 P.O. Box 148, Sunninghill, 2157
 Tel: 011 656 3237
 Mobile: 060 978 8396
 Fax: 086 684 0547
 Email: publicprocess@savannahsa.com
 Website: www.savannahsa.com





CANADA

6 X millwrights- fitters are needed in Canada, (applicants must have conveyor and/or hydraulics experience), 4 X diesel mechanic foreman, 4 X diesel mechanics with open pit experience. Employer pays most costs of emigration and airline tickets.

Please send resumes to recruitment@matrixvisa.com <https://www.matrixvisa.com/vacancies/>

Auto Electrician Vacancy

VANALLS PLANT HIRE (PTY) LTD needs a qualified, self-driven and self-motivated Auto Electrician at our Vanalls Plant Hire group on Transalloys site.

Requirements:

- Trade certificate auto electrician
- Minimum of 2-3 years' experience after qualifying as an artisan (Auto Electrician)
- Experience on Hyundai, Manitou, LDV, and CAT Machines will be an advantage
- Air-condition course
- Valid code 8 driver's licence
- Must have all the basic tools to perform daily tasks
- Must be able to read and understand electrical drawings/schematics
- Fully bilingual in English or Afrikaans
- Must possess basic problem-solving skills
- Able to work under pressure and be prepared to work unplanned overtime including weekends and public holidays
- Own transport to and from work
- Medically fit

Please email CV to cv.vanalls@gmail.com with "Auto Elect" as the heading. Closing date is 24 February 2023. **NO OTHER POSITION is available. We will contact the successful candidates for interviews, please don't phone the office.**

APPENDIX C3
BACKGROUND INFORMATION DOCUMENT



ENGLISH

BACKGROUND INFORMATION DOCUMENT

SEPTEMBER
2022



BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY,

MPUMALANGA PROVINCE

Transalloys (Pty) Ltd propose to develop a Photovoltaic Solar (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS, adjacent to their existing smelter complex on Clewer Road 1034, Witbank in the Emalahleni Local Municipality. The project site is located in the greater Nkangala District Municipality of Mpumalanga Province, approximately 34km west of Middelburg and 37km east of Bronkhorstspuit. The purpose of the project is to provide electricity to Transalloys for their current and future energy demands. The entire extent of the site falls within the Emalahleni Renewable Energy Development Zone (REDZ 9) and the International Corridor of the Strategic Transmission Corridors (**Figure 1**).

The nature and extent of the solar PV energy facility is explored in more detail in this Background Information Document (BID). A Basic Assessment (BA) process is being undertaken in support of an application for Environmental Authorisation (EA) for the development of the PV facility in accordance with GNR144 of February 2021.

AIM OF THIS BACKGROUND INFORMATION DOCUMENT

This document aims to provide you, as an interested and/or affected party (I&AP), with:

- » An overview of the proposed Transalloys Solar PV Energy Facility and associated infrastructure.
- » An overview of the Basic Assessment (BA) process and specialist studies being undertaken to assess the Transalloys Solar PV Energy Facility and associated infrastructure.
- » Details of how you can become involved in the BA process, receive information, or raise comments that may concern and/or interest you.

OVERVIEW OF THE PROJECT

A development area site is ~72.5ha on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS has been identified by Transalloys (Pty) Ltd for the establishment of the Solar PV Energy Facility. These properties are owned by Transalloys. The proposed Solar PV facility will have a capacity of up to 55MW and is required to meet Transalloys' current electricity demands and future expansion requirements. Generated electricity will be fed directly into the smelter complex for direct consumption. The development of the power plant project would effectively mean that Transalloys would become less dependent on the Eskom electricity grid, thereby creating additional capacity within the Eskom grid for use by other electricity users.

The proposed solar PV energy facility will include the following infrastructure:

- » Solar PV array comprising PV modules and mounting structures.
- » Inverters and transformers.
- » Cabling between the panels.
- » On-site facility substation and power lines between the solar PV facility and the Transalloys smelter.
- » Security office, operations and control, and maintenance and storage laydown areas.
- » Access roads, internal distribution roads.



OVERVIEW OF SOLAR PV TECHNOLOGY

Solar energy facilities use energy from the sun to generate electricity through a process known as the **Photovoltaic Effect**. This effect refers to photons of light colliding with electrons, and therefore placing the electrons into a higher state of energy to create electricity. The solar fields of the PV facilities will comprise the following components:

Photovoltaic Cells, Modules and Panels:

A PV cell is made of silicone that acts as a semiconductor used to produce the photovoltaic effect. PV cells are arranged in multiples / arrays and placed behind a protective glass sheet to form a PV module (Solar Panel). Each PV cell is positively charged on one side and negatively charged on the opposite side, with electrical conductors attached to either side to form a circuit. This circuit captures the released electrons in the form of an electric current (i.e., Direct Current (DC)). A solar PV module is made up of individual solar PV cells connected together, whereas a solar PV array is a system made up of a group of individual solar PV modules electrically wired together to form a much larger PV installation.

PV panels are designed to operate continuously for more than 20 years, mostly unattended and with low maintenance.

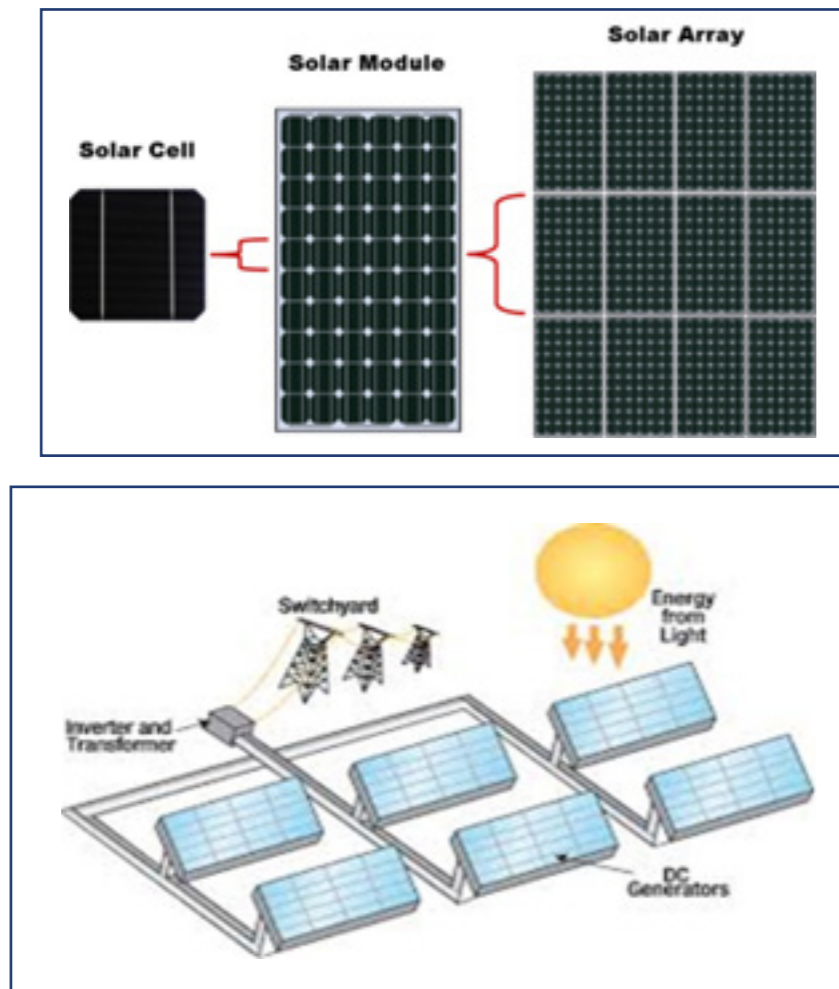


Figure 2: Overview of a PV cell, module, and array / panel (Source: pveducation.com).

Inverters

Inverters are used to convert electricity produced by the PV cells from DC into Alternating Current (AC) to enable the facility to be connected to the national electricity grid to deliver the power to Sasol. Numerous inverters will be arranged in several arrays to collect and convert power produced by the facility.

Support Structures

The PV panels will be fixed to support structures to maximise exposure to the sun. They can either utilise fixed / static support structures, or alternatively single or double axis tracking support structures. PV panels which utilise fixed / static support structures are set at an angle (fixed-tilt PV system), to optimise the amount of solar irradiation. With fixed / static support structures, the angle of the PV panel is dependent on the latitude of the proposed development and may be adjusted to optimise for summer and winter solar radiation characteristics. PV panels which utilise tracking support structures track the movement of the sun throughout the day, to receive the maximum amount of solar irradiation.

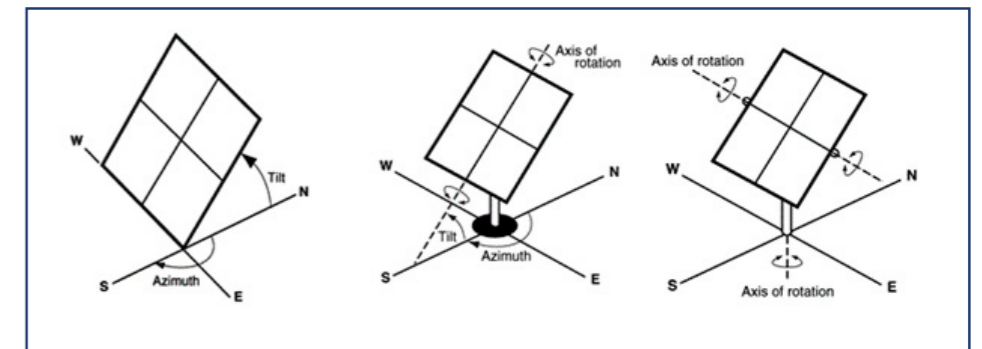


Figure 3: Overview of different PV tracking systems (from left to right: fixed-tilt, single-axis tracking, and double-axis tracking (Source: pveducation.com)).



Bifacial Solar Panel Technology

Bifacial (“two-faced”) modules produce solar power from both sides of the panel. Traditional solar panels capture sunlight on one light-absorbing side. The light energy that cannot be captured is simply reflected away. Bifacial solar panels have solar cells on both sides, which enables the panels to absorb light from the back and the front (refer to Figure 4). Practically speaking, this means that a bifacial solar panel can absorb light reflected off the ground or another material. In general, more power can be generated from bifacial modules for the same area, without having to increase the development footprint.

The optimum tilt for a bifacial module has to be designed so as to capture a big fraction of the reflected irradiation. Use of trackers is recommended so the modules can track the sun’s movement across the sky, enabling them to stay directed to receive the maximum possible sunlight to generate power.

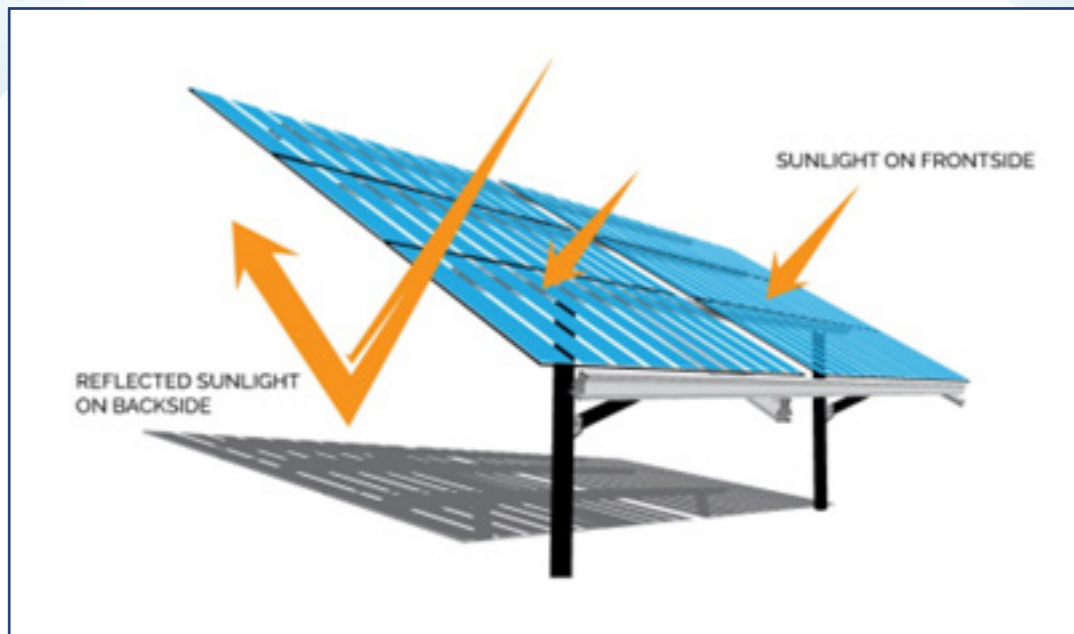


Figure 4: Diagram showing how bifacial Solar PV panels work (Source: <https://sinovoltaics.com/learning-center/solar-cells/bifacial-solar-modules/>)

BASIC ASSESSMENT PROCESS

In accordance with the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), Transalloys (Pty) Ltd requires Environmental Authorisation (EA) from the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, for the development of the proposed Solar PV Energy Facility. The project falls within the Emalahleni REDZ, and as such a Basic Assessment (BA) process is applicable in accordance with GNR144 of February 2021. The application for EA is required to be supported by comprehensive, independent environmental specialist studies to be undertaken in accordance with Appendix 6 of the EIA Regulations, 2014, as amended, and where relevant, in line with the gazetted Specialist Protocols.



A BA is an effective planning and decision-making tool. It allows for potential environmental consequences resulting from a proposed activity to be identified and appropriately managed during the construction, operation, and decommissioning phases of development. It also provides an opportunity for the project applicant to be forewarned of potential environmental issues, allows for the resolution of issue(s) identified and reported on as part of the BA processes, and provides dialogue with key stakeholders and Interested and Affected Parties (I&APs).

Savannah Environmental has been appointed as the independent environmental consultant responsible for managing the application for EA, undertaking the supporting BA process required to identify and assess potential environmental impacts associated with the project, and proposing appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr) for the facility.

WHAT ARE THE POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE PROPOSED PROJECT?

Site-specific studies will be undertaken to assess the potential impact of the proposed development in order to delineate areas of sensitivity within the affected farm portion, assess impacts associated with the project and make recommendations regarding avoidance, management and mitigation of impacts. Studies will be informed by available information and detailed field investigations undertaken in accordance with the relevant guidelines and Specialist Assessment Protocols, where relevant. Once the constraining environmental factors have been determined, the layouts for the proposed facilities can be determined and presented in the EIA reporting.

Specialist studies that are to be undertaken as part of the BA process include the following:

Specialist study	Scope
Biodiversity Impact Assessment	Assessment of impacts on ecology, fauna and flora associated with disturbance of vegetation, fauna, habitats and ecological processes within the project area.
Wetland and freshwater Impact Assessment	Assessment of impacts on freshwater resources such as drainage lines, rivers, and wetlands within the project and surrounding areas.
Avifauna Impact Assessment	Pre-construction monitoring in terms of the relevant guidelines to inform the assessment of the impact on avifaunal habitats and sensitive species.
Soils and Agricultural Potential Assessment	Determination of land types within the project area, and assessment of the significance of loss of agricultural land due to the project development and impacts relating to soil degradation and/or erosion.
Heritage Impact Assessment (Archaeology and Palaeontology)	Assessment of impacts on heritage resources due to disturbance or destruction of heritage sites and fossils during the construction phase through excavation activities, and assessment of impacts on heritage resources during operation as a result of visual impact.
Visual Impact Assessment	Determination of the presence of visual sensitive receptors in the area and assessment of the impact of the solar PV facilities and the grid connection solution on these receptors and the overall aesthetics within the area.
Social Impact Assessment	Assessment the positive and negative impacts on the social as a result of the construction and operation of the facilities.



PUBLIC PARTICIPATION PROCESS

The sharing of information forms the basis of the public participation process and offers I&APs the opportunity to become actively involved in the BA process. Comments and inputs from I&APs are encouraged to ensure that potential impacts are considered throughout the BA process. The public participation process aims to ensure that:

- » Information containing all relevant facts in respect of the application is made available to I&APs for review.
- » I&AP participation is facilitated in such a manner that they are provided with reasonable opportunity to comment on the proposed project.
- » An adequate review period is provided for I&APs to comment on the findings of the Basic Assessment Report.

To ensure effective participation, the public participation process includes the following:

- » identifying I&APs, including affected and adjacent landowners and occupiers of land, and relevant Organs of State.
- » Compiling and maintaining a database of I&APs throughout the BA process.
- » Notifying I&APs of the commencement of the BA process and distributing the BID (this document).
- » Making information available on the project, via a dedicated webpage.
- » Providing an opportunity for I&APs to engage with the project team.
- » Placing site notices at the affected properties.
- » Placing an advertisement in a local newspaper.
- » Notifying I&APs of the release of the BA Report for a 30-day review and comment period.
- » Providing an opportunity to engage with the project team via appropriate virtual platform, in person (where required) or telephone.
- » Notifying I&APs of the decision on whether to grant or refuse the EA, and the manner in which such a decision may be appealed.

YOUR RESPONSIBILITIES AS AN I&AP

In terms of the EIA Regulations, 2014, as amended, and the Public Participation Guidelines, 2014, your attention is drawn to your responsibilities as an I&AP:

- » In order to participate in the BA process, you must register yourself on the I&AP database.
- » You are required to disclose any direct business, financial, personal, or other interest that you may have in the approval or refusal of the application.
- » You must ensure that any comments regarding the proposed project are submitted within the stipulated timeframe.

HOW TO BECOME INVOLVED

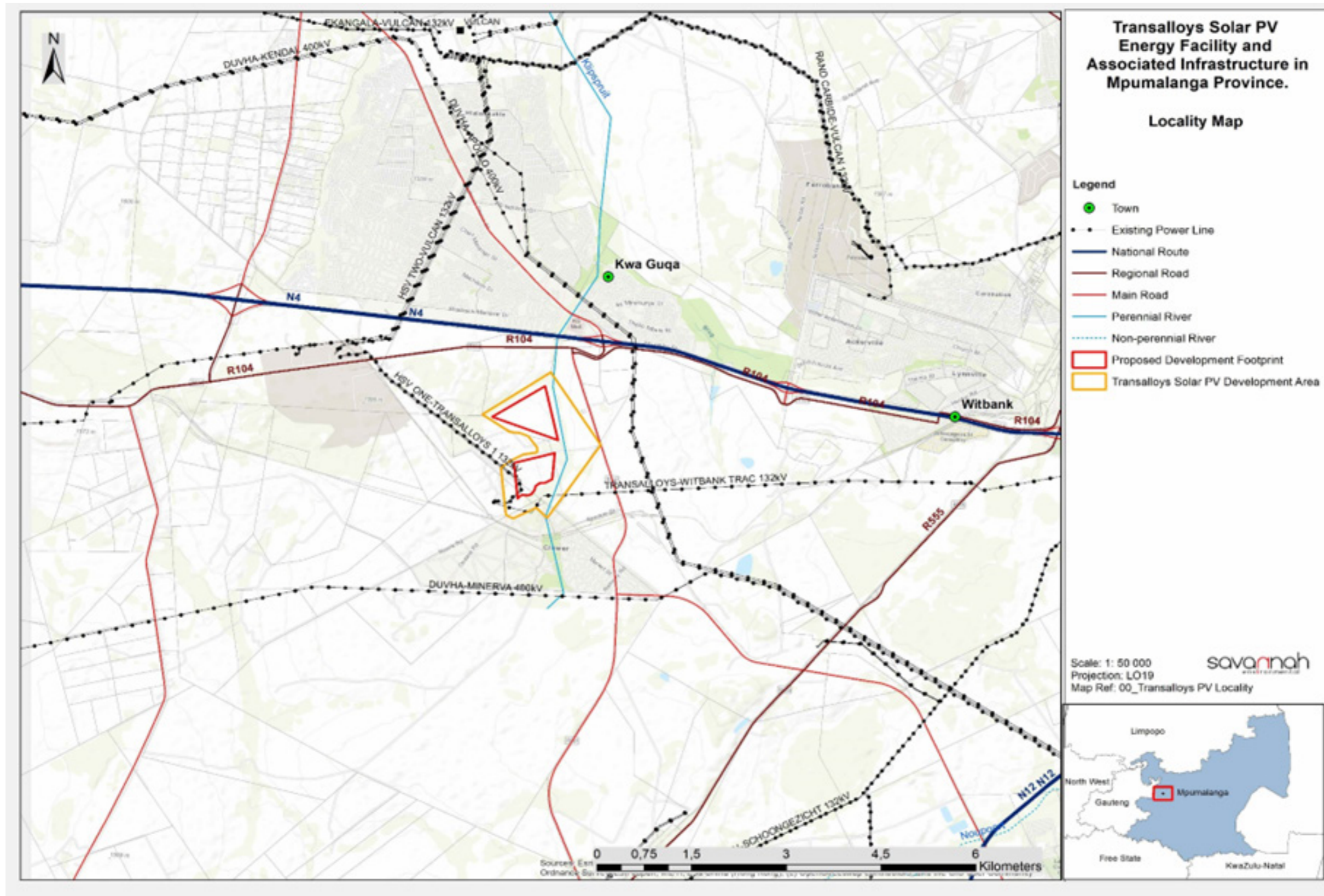
- » By responding by phone, fax, or e-mail, to the invitation for your involvement.
- » By returning the reply form to the relevant contact person.
- » By engaging with the project team on the online stakeholder engagement platform during the BA process.
- » By contacting the environmental consultant with queries or comments.
- » By reviewing and commenting on the BA Report within the stipulated 30-day review and comment period.

If you consider yourself an I&AP for the proposed project, we urge you to make use of the opportunities created by the public participation process to provide comment; raise issues and concerns which affect and / or interest you; or request further information. Your input forms a key element of the BA process.

By completing and submitting the accompanying reply form, you automatically register yourself as an I&AP for the proposed project, and are ensured that your comments, concerns, or queries raised regarding the project will be noted. Please note that all comments received will be included in the project documentation. This may include personal information.



Figure 1: Locality Map of the proposed Transalloys Solar PV Energy Facility with a capacity of up to 55MW and associated infrastructure.





COMMENTS AND QUERIES

Direct all comments, queries or responses to:

Nondumiso Bulunga at
Savannah Environmental (Pty) Ltd

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile number: 060 978 8396 (including "please call me")

Fax: 086 684 0547

Email: publicprocess@savannahsa.com

To view project documentation, visit

www.savannahsa.com/public-documents/energy-generation/



ISIZULU

BACKGROUND INFORMATION DOCUMENT

IDOKHUMENTI ENOLWAZI OLUYISENDLALELA



April 2023

UKUHLOLA OKUVAMILE NENQUBO YOKUBAMBA IQHAZA KOMPHAKATHI

UKUHLONGOZWA KOKWAKHIWA KWESIKHUNGO SAMANDLA KAGESI WE-SOLAR YE-PHOTO-VOLTAIC (PV) SE-TRANSALLOYS KANYE NENGOALASIZINDA EHLOBENE, PHAKATHI NOMASIPALA WASEKHAYA WASEMALAHLANI, ESIFUNDAZWENI SASEMPUMALANGA



I-Transalloys (Pty) Ltd ihlongoza ukwakha iSikhungo Samandla Kagesi we-Photovoltaic Solar (PV) esinamandla afinyelela ku-55MW kanye nengqalazinda ehlobene eziNgxenyeni 34 no-35 ePulazi lase-Elandsfontein 309JS kanye neZingxenyeni 20 no-24 zePulazi lase-Schoongezicht 308JS, eduze nesikhungo sabo esikhona sokuphehla ukuze kukhiqizwe ugesi esiku-Clewer Road 1034, Witbank kuMasipala Wasekhaya wase-Malahleni. Isayithi yepheprojekthi ikuMasipala Wesifunda WeNkangala Enkulu eSifundazweni saseMpumalanga, cishe amakhilomitha angu-34 eNtshonalanga ne-Middelburg namakhilomitha angu-37 eMpumalanga ne-Bronkhorstspuit. Injongo yepheprojekthi iwukuhlinzeka ngogesi oya ku-Transalloys ngenxa yezidingo zayo zamandla kagesi zamanje nezesikhathi esizayo. Isikhungo sisonke siwela ngaphansi kweNdimba yaseMalahleni Yokukhiqizwa Kwamandla Avuselelekayo (Renewable Energy Development Zone [REDZ 9]) kanye Nomzila Wamazwe Ngamazwe Wokudluliselwa Okuhlosiwe Kwemizila (Isithombe 1).

Isimo nobungako besikhungo samandla kagesi we-solar PV sibhekwa ngokuningiliziwe kule Dokhumenti Enolwazi Oluyisendlelela (Background Information Document [BID]). Inqubo Yokuhlola Okuvamile (Basic Assessment [BA]) iyaqhutshwa ngokuhlobene nokufakwa kwesicelo Sokugunyazwa Kokuvikelwa Kwemvelo (Environmental Authorisation [EA]) sokwakhiwa kwesikhungo se-PV ngokuvumelana ne-GNR144 kaFebhruwari 2021.

INHLOSO YALE DOKHUMENTI ENOLWAZI OLUYISENDLELELA

Le dokhumenti ihlose ukuhlinzeka wena, njengonesithakazelo kanye/noma othintekayo (interested and/or affected party [I&AP]):-

- » Ngokucubungulwa Kwesikhungo Samandla Kagesi we-Solar PV ye-Transalloys esihlongozwayo kanye nengqalazinda ehlobene.
- » Ngokucubungulwa kwenqubo Yokuhlola Okuvamile (Basic Assessment [BA]) kanye nezingcwangingo zobuchwepheshe eziqhutshwayo ukuhlola iSikhungo Samandla Kagesi we-Solar PV se-Transalloys kanye nengqalazinda ehlobene.
- » Ngemininingwane yendlela ongaba ingxenyeni ngayo enqubweni Yokuhlola Okuvamile, ngokuthola ulwazi, noma usho ngokungase kukukhathaze kanye/noma ongaba nesithakazelo kukho.

UKUCUBUNGULWA KWEPHEPROJEKTHI

Indawo yokwakha yesayithi ingamahektha angu-~72.5 eZingxenyeni 34 no-35 zePulazi lase-Elandsfontein 309JS naseZingxenyeni 20 no-24 zePulazi lase-Schoongezicht 308JS isibhekwe yi-Transalloys (Pty) Ltd ngenjongo yokwakhiwa kweSikhungo Samandla Kagesi we-Solar PV. Lezi zitende ngeze-Transalloys. Isikhungo esihlongozwayo

sikagesi weSolar PV sizoba namandla afinyelela ku-55MW futhi sidingeke ukuba sihlangebeza nezidingo ze-Transalloys zamanje zikagesi nezimfuneko zokunweba isikhungo zesikhathi esizayo. Ugesi okhiqizwayo uzoya ngokuqondile esikhungweni sokuphehla ukuze usetshenziswe khona lapho. Iphrojekthi yokwakhiwa kweplanti yamandla kagesi izosho ukuthi i-Transalloys izothembela kugridi kagesi we-Eskom ngokwezininga elincane, ngaleyo ndlela kuphe igridi ka-Eskom amandla athe xaxa kagesi ukuze asetshenziswe abanye abasebenzisi bakagesi.

Isikhungo esihlongozwayo samandla kagesi we-solar PV sizoba nengqalazinda elandelayo:

- » Inqubo yokukalwa kwamandla we-Solar PV anamamoduli we-PV kanye nesakhiwo sokuphanyeka.
- » Ama-inverter kanye nama-transformer.
- » Ukufakwa kwamakhebuli phakathi nendawo namaphaneli.
- » Isiteshi esincane esisesayithini sesikhungo kanye nezintambo zikagesi phakathi nendawo nesikhungo se-solar PV nendawo yokuphehla ye-Transalloys.
- » Ikhovisi lamasekhurithi, nezindawo zokuqondisa nokulawula, kanye nezokulungisa nezokugcina impahla.
- » Imigwaqo yokungena, imigwaqo yangaphakathi yokuhamba.

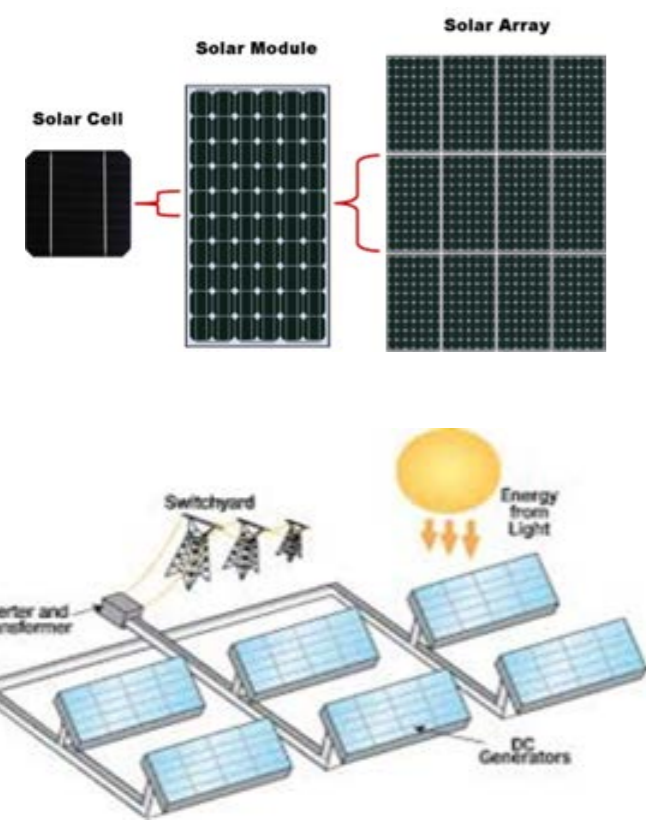
UKUCUBUNGULWA KWEZOBUCHWEPHESHE BE-SOLAR PV

Izikhungo zamandla kagesi we-solar zisebenzisa amandla avela elangeni ukuze akhiqize ugesi ngenqubo eyaziwa ngokuthi i-Photovoltaic Effect. Le nqubo ibhekisele kumaphrothoni wokukhanya ahlalanga nama-elekhthroni, ebese enza ama-elekhthroni abe namandla aphezulu ukuze akwazi ukwenza ugesi. Imisebe ye-solar yezikhungo ze-PV azoba nezakhi ezilandelayo:

Amaseli we-Photovoltaic, amaModuli kanye naMaphaneli: Iseli le-PV lenziwe nge-silicone esebenza njengokokudlulisa ugesi (semiconductor) esetshenziswa ukuze kukhiqizwe umphumela we-photovoltaic. Amaseli we-PV abekwa alandelayo ngolayini abaningi futhi afakwa ngaphansi kolwelwesi olusangilazi olisiyivikeli ukuze enze imoduli ye-PV (Iphaneli ye-Solar). Iseli ngalinye le-PV lishajwa ngophozethivu ohlangothini olulodwa futhi lishajwe ngonegethivu kolunye uhlangothi, ngamakhondaktha abekwa ohlangothini ngalunye ukuze enze isekhethi. Le sekhethi ibamba ama-elekhthroni akhishwayo esesimweni sekharenti kagesi (okungukuthi, iKharenti Eqondile [Direct Current [DC]]).



Imoduli ye-PV ye-solar yenziwe ngamaseli angawodwa we-solar PV ahlanganiswe ndawonye, kuyilapho ulayini we-PV ye-solar uyisistimu eyenziwe yiqoqo lamamolekhuli we-PV angawodwa ahlanganiswe ngezintambo zikagesi ukuze enze ukuxhunywa okubanzi kwe-PV. Amaphaneli we-PV akhelwe ukuze asebenze ngokuqhubekayo kudlule ngale kweminyaka engu-20, engaqashiwe futhi edinga ukunakekelwa kwezinga eliphansi.

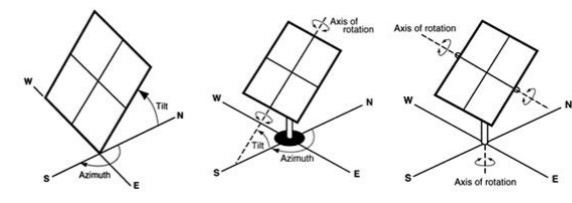


Isithombe 2: Isifinyezo seseli ye-PV, imoduli, kanye nolayini / iphaneli (Umthombo: pveducation.com).

Ama-Inverter
Ama-inverter asetshenziselwa ukuguqula ugesi okhiqizwe ngamaseli we-PV ngokusuka ku-DC kuye ku-Alternating Current (AC) ukwenza isikhungo sixhumeke kugridi kagesi kazwelonke ukuze ugesi ufke ku-Sasol. Ama-inverter amaningana azobekwa ngolayini abayidlanzana ukuze aqoqe futhi aguqule amandla akhiqizwe isikhungo.

Izakhi Ezisekelayo
Amaphaneli we-PV azofakwa ukuze useke izakhi ukuze aphakame abheke ilanga ngokugcwele. Azosebenzisa izakhi ezisekelayo, noma izakhi zokusangalo ejikajikayo. Amaphaneli we-PV asebenzisa izakhi ezisekelayo asethwa ame ku-engeli ethile (isistimu ye-PV ejikajikayo), ukuze adonse inani lemisebe ye-solar eliningi ngangokunokwenzeka. Ngezakhi ezisekelayo ezihleli endaweni eyodwa, i-engeli yepaneli ye-PV ilawulwa indawo lapho ukwakhiwa okuhlongozwayo

okuzoba khona kuyo futhi kungase kunyakaziswe ukuze kuvume izimo zehlobo nobusika zokudonsa imisebe. Amaphaneli we-PV asebenzisa izakhi zokulandelela ezisekelayo ezilandelela ukuhamba kwelanga kulo lonke usuku, ukuze adonse inani eliningi lemisebe ye-solar ngangokunokwenzeka.

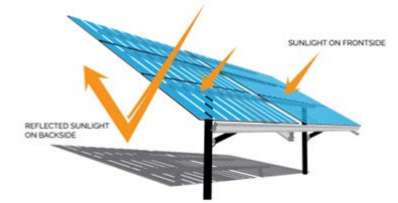


Isithombe 3: Isifinyezo samasistimu alandelelayo we-PV (kusuka ezinxeleni kuya kwesokudla: Abekiwe ajikajikayo, ukulandelela kokusangalo okukodwa, nokulandelela kokusangalo okumbaxa-mbili (Umthombo: pveducation.com)).

Ezobuchwepheshe Bepaneli Ye-Solar Esebenza Nhlangothi-Zombili

Amamoduli asebenza nhlangothi-zombili (Bifacial) akhiqiza amandla we-solar ngokusuka ezinhlangathoni zombili zepaneli. Amaphaneli avamile we-solar adonsa ukukhanya elangeni ohlangothini olulodwa lokudonsa kokukhanya. Amandla okukhanya angenakudonswa abuyela emuva. Amaphaneli we-solar asebenza nhlangothi zombili anamaseli we-solar ezinhlangathini zombili, okwenza amaphaneli akwazi ukudonsa ukukhanya emuva nangaphambili (bheka iSithombe 4). Eqinisweni, lokhu kusho ukuthi ipaneli ye-solar esebenza nhlangothi zombili ingadonsa ukukhanya okuphumela phansi noma kwenye indawo. Ngokuvamile, amandla engeziwe angakhiqizwa kumamoduli asebenza nhlangothi zombili ngokwendawo efanayo, ngaphandle kwesidingo sokwandisa indawo yephrojekthi.

Izinga eliphezulu lokukwazi ukujikajika kwemoduli kumelwe liklanywe ngendlela yokuthi likwazi ukubamba ingxenye enkulu yenani lemisebe ebuyela emuva. Ukusetshenziswa kokokulandelela kuyatuswa ukuze amamoduli alandelele ukuhamba kwelanga esibhakabhakeni, kuwasize ehlezi ethola ukukhanya kwelanga okuningi ngangokunokwenzeka ukuze akhiqize amandla kagesi.



Isithombe 4: Umfanekiso obonisa indlela amaphaneli asebenza nhlangothi zombili we-Solar PV asebenza ngayo (Umthombo: <https://sinovoltaics.com/learning-center/solar-cells/bifacial-solar-modules/>)



INQUBO YOKUHLOLA OKUVAMILE

Ngokuvumelana neMithethonqubo ka-2014 ye-Environmental Impact Assessment (EIA) njengokuchibiyelwa, eshicilelwe ngokwemigomo yeNgxenywe 24(5) ye-National Environmental Management Act (Nombolo 107 ka-1998) (NEMA), i-Transalloys (Pty) Ltd idinga Ukugunyazwa Kokuvukelwa Kwemvelo (Environmental Authorisation [EA]) evela kuMnyango Wezolimo WaseMpumalanga, Ukuthuthukiswa KwezaseMaphandleni, Ezomhlaba Nezemvelo, ngokwakhiwa kweSikhungo Samandla Kagesi we-Solar PV. Iphrojekthi iwela ngaphansi kwe-REDZ yaseMalahleni, ngakho-ke, inqubo Yokuhlola Okuvamile (Basic Assessment [BA]) iyasebenza ngokuvumelana ne-GNR144 kaFebhruwari 2021. Ukufakwa kwesicelo se-EA siyadingeka ukuba sesekwe izingcwangingo ezinzulu ezizimele zobuchwepheshe ukuba ziqhutshwe ngokuvumelana neSichibiyelo Semithethonqubo ye-EIA, 2014, njengokuchibiyelwa, lapho kusebenza, ngokuvumelana namaPhrothokholi Obuchwepheshe amenezelwe.

Ukuhlola Okuvamile kuyithuluzi elisebenzayo lokuhlola nokuthathwa kwezinqumo. Lisiza ngemithelela yezemvelo engase ibe khona emsebenzini ohlongozwayo ukuba yaziwe futhi iqashwe ngokufanelekile phakathi nokwakhiwa, ukuqhuba kanye nezigaba zokugcina zomsebenzi wokwakhiwa. Inikeza nethuba kuloyo ofaka isicelo sephrojekthi ukuba aqwashiswe kusenesikhathi ngezinkinga zemvelo ezingase zibe khona, lenze ukuba kuxazululwe inkinga (izinkinga) ezitholakele futhi zabikwa njengengxenywe yezinqubo Zokuhlola Okuvamile, futhi lihlinzeke ngokuxoxwa ngakho kubabambiqhaza kanye nakulabo Abanesithakazelo Nabathintekayo (Interested and Affected Parties [I&APs]).

I-Savannah Environmental isiqokwe njengophiko elizimele lezemvelo elibhekelele ukulawula ukufakwa kwezicelo Zokugunyazwa Kokuvikelwa Kwemvelo, liqhube inqubo esekelayo Yokuhlola Okuvamile edingekayo ukuze lithole futhi lihlole imithelela kwezemvelo engase ibe khona ngephrojekthi, futhi liphakamise ukunqandwa okufanelekile kwemithelela ebucayi kanye nezindlela zokulawula ukuze ibe khona ku-Environmental Management Programme (EMPr) ngesikhungo.

YIMIPHI IMITHELELA YEZEMVELO ENGASE IBE KHONA NGOKUHLLOBENE NEPHROJEKTHI EHLONGOZWAYO?

Izingcwangingo eziqondene nesayithi zizoqhutshwa ukuze kuhlolwe imithelela engase ibe khona yokwakhiwa okuhlongozwayo ukuze zibekwe zicace izici ezibucayo phakathi nengxenywe yepulazi elithintekayo, kuhlolwe imithelela ehlobene nephrojekthi futhi kuphakanyiswe izincomo ngokuqondene nokugwenywa, ukulawulwa kanye nokunqandwa kwemithelela. Izingcwangingo zizolawulwa ulwazi olukhona kanye nophenyo

lwendawo oluningilizwe luqhutshwe ngokuvumelana nemithethonqubo efanele kanye namaPhrothokholi Okuhlola Kobuchwepheshe, lapho kusebenza. Lapho izici zezemvelo eziphoqayo sezibonakele, ukwakheka kwezikhungo ezihlongozwayo kunganqunywa futhi kwethulwe embikweni we-EIA.

Izingcwangingo zobuchwepheshe okumelwe ziqhutshwe njengengxenywe yenqubo Yokuhlola Okuvamile zihlanganisa okulandelayo:

Ucwangingo lobuchwepheshe	Ububanzi
Ukuhlolwa Kwemithelela Ezintweni Eziphilayo	Ukuhlolwa kwemithelela ezintweni eziphilayo ngokuhlobene nendawo ezikuyo, izilwane zasendle kanye nezitshalo ngokuhlobene nokuphazamiseka kohlaza, izilwane, izindawo eziphila kuyo kanye nezinqubo zezinto eziphilayo phakathi nendawo yephrojekthi.
Ukuhlolwa Kwemithelela Ezindaweni ezima amanzi kanye nasemanzini emvelo	Ukuhlolwa kwemithelela emithonjeni yamanzi njengemigudu yokuchitha, imifula kanye nezindawo ezima amanzi ezindaweni zephrojekthi namaphethelo.
Ukuhlolwa Kwemithelela Ezinyonini Zesigodi	Ukuqapha kwangaphambi kokwakhiwa ngokwemithethonqubo efanele ukuze ihole ukuhlolwa komthelela ezindaweni lapho kuphila khona izinyoni zesigodi kanye nezinhlobo ezibuthaka zezinto eziphilayo.
Ukuhlolwa Kwemithelela Enhlabathini Nakwezolimo	Ukubalulwa kwezinhlobo zenhlabathi endaweni yephrojekthi, kanye nokuhlolwa kokulahleka okukhulu komhlaba wezolimo ngenxa yokuhutshwa kwephrojekthi kanye nemithelela ehlobene nokucekela phansi kwezinhlabathi kanye/noma ukuguguleka.
Ukuhlolwa Kwemithelela Kokokungamagugu (Ezokuvubukula Nezezinsalela Zezilwane Nezitshalo)	Ukuhlolwa kwemithelela emithonjeni yezamagugu ngenxa yokuphazanyiswa noma ukucekela phansi kwezindawo zamagugu kanye nezindawo zezinsalela zezilwane nezitshalo phakathi nesigaba sokwakhiwa ngemisebenzi yokumba, kanye nokuhlolwa kwemithelela emithonjeni yezamagugu phakathi nokuhutshwa komsebenzi njengomphumela womthelela wokushintsha kokubukeka kwendawo ngenxa yephrojekthi.
Ukuhlolwa Kwemithelela Yokushintsha Kokubukeka Kwendawo Ngenxa Yephrojekthi	Ukuqaphela kokuba khona kwabantu, abashayeli bezimoto nabaqhubi bezindiza abazwelayo esweni endaweni, kanye nokuhlolwa komthelela kwezikhungo ze-solar PV kanye nesixazululo sokuxhunywana kwegridi kulaba bantu kanye nokubukeka kwendawo iyonke.
Ukuhlolwa Kwemithelela Ebantwini Nasemphakathini	Ukuhlolwa kwemithelela emihle nemibi kubantu njengomphumela wokwakhiwa nokusetshenziswa kwezikhungo.



INQUBO YOKUBAMBA IQHAZA KOMPHEKATHI

Ukwabelana ngolwazi kwakha isiqalo senqubo yokubamba iqhaza komphakathi futhi kunikeze Abanesithakazelo Nabathintekayo ithuba lokuba bazibandakanye ngenkuthalo enqubweni Yokuhlola Okuvamile. Izimvo nokuphawula okuvela Kwabanesithakazelo Nabathintekayo kuyatiswa ukuze kuqinisekise ukuthi imithelela engase ibe khona iyacatshangelwa kuyo yonke inqubo Yokuhlola Okuvamile. Inqubo yokubamba iqhaza komphakathi ihlose ukuqinisekisa ukuthi:

- » Ulwazi oluqethe yonke imininingwane ngokuqondene nokufakwa kwezicelo kuyanikezwa labo Abanesithakazelo Nabathintekayo ukuze luhlolwe.
- » Ukubamba iqhaza Kwabanesithakazelo Nabathintekayo kuqhutshwa ngendlela yokuthi banikezwe ithuba elinokucabangela ukuba baveze uvo lwabo mayelana nephrojekthi ehlongozwayo.
- » Inkathi eyanele yokuhlola iyanikezwa kulabo Abanesithakazelo Nabathintekayo ukuba baphawule ngokutholakele Kumbiko Wokuhlola Okuvamile.

Ukuze kuqinisekise ukubanjwa kweqhaza okuphumelelayo, inqubo yomphakathi yokubamba iqhaza ihlanganisa okulandelayo:

- » Ukwaziwa Kwabanesithakazelo Nabathintekayo, kuhlanganise nabanikazi bomhlaba abathintekayo nabaseduzane, kanye Neminyango kaHulumeni Kazwelonke, Yesishayamthetho Nezobulungiswa.
- » Ukwakhiwa nokuqhutshwa kwedathabheyisi yalabo Abanesithakazelo Nabathintekayo kuyo yonke inqubo Yokuhlola Okuvamile.
- » Ukwaziswa Kwabanesithakazelo Nabathintekayo ngokuqaliswa kwenqubo Yokuhlola Okuvamile nokunikezwa kweDokumenti Enolwazi Oluyisendlalela (le dokumenti).
- » Ukwenza ulwazi lutholakale mayelana nephrojekthi, ngokusebenzisa iwebhusayithi ebhekelele lokho.
- » Ukinikeza ithuba Kwabanesithakazelo Nabathintekayo ukuba bathintane nethimba lephrojekthi.
- » Ukubeka amanothi wesayithi ezindaweni ezithintekayo.

- » Ukufaka isikhangiso kuphephandaba lasekhaya.
- » Ukwazisa Abanesithakazelo Nabathintekayo ngokukhishwa koMbiko Wokuhlola Okuvamile ngokwenkathi yezinsuku ezingu-30 zokuhlola nokuphawula.
- » Ukunikeza ngethuba lokuthintana nethimba lephrojekthi kusetshenziswa inkundla efanele yamakhompthutha, ubuso nobuso (lapho kudingeka) noma ngocingo.
- » Ukwazisa Abanesithakazelo Nabathintekayo ngesinqumo sokuvumela noma ukwenqabela Ukugunyazwa Kokuvikelwa Kwemvelo, kanye nendlela isinqumo esinjalo esingaphikiswa ngayo.

IZIBOPHO ZAKHO NJENGONESITHAKAZELO NOTHINTEKAYO

NgokweMithethonqubo ye-EIA, 2014, njengokuchibiyelwa, kanye Nemihlahlandlela Yokubamba Iqhaza Komphakathi, 2014, unxuswa ukuba ubheke izibopho zakho Njengonesithakazelo Nothintekayo:

- » Ukuze ubambe iqhaza enqubweni Yokuhlola Okuvamile, kumelwe uzibhalise wena kudathabheyisi Yabanesithakazelo Nabathintekayo.
- » Kumelwe udalule noma yiziphi izithakazelo eziqondile zebhizinisi, zomnotho, ezithinta wena ongase ube nazo ngokuvunywa noma ngokwenqatshwa kwesicelo.
- » Kumelwe uqinisekise ukuthi noma yikuphi ukuphawula ngokuqondene nephrojekthi ehlongozwayo kuyathunyelwa inkathi ebekiwe ingakapheli.

INDLELA YOKUBA INGXYENYE

- » Ngokuphendula isicelo esiza kuwe sokuba ingxenywe ngocingo, ngefekisi, noma nge-imeyili.
- » Ngokubuyisela ifomu lempendulo kumuntu othintwayo ofanele.
- » Ngokuthintana nethimba lephrojekthi enkundleni eku-inthanethi yokuthintana kwababambe iqhaza phakathi nenqubo Yokuhlola Okuvamile.
- » Ngokuxhumana nomxhumanisi wezemvelo ngemibuzo noma ukuphawula.

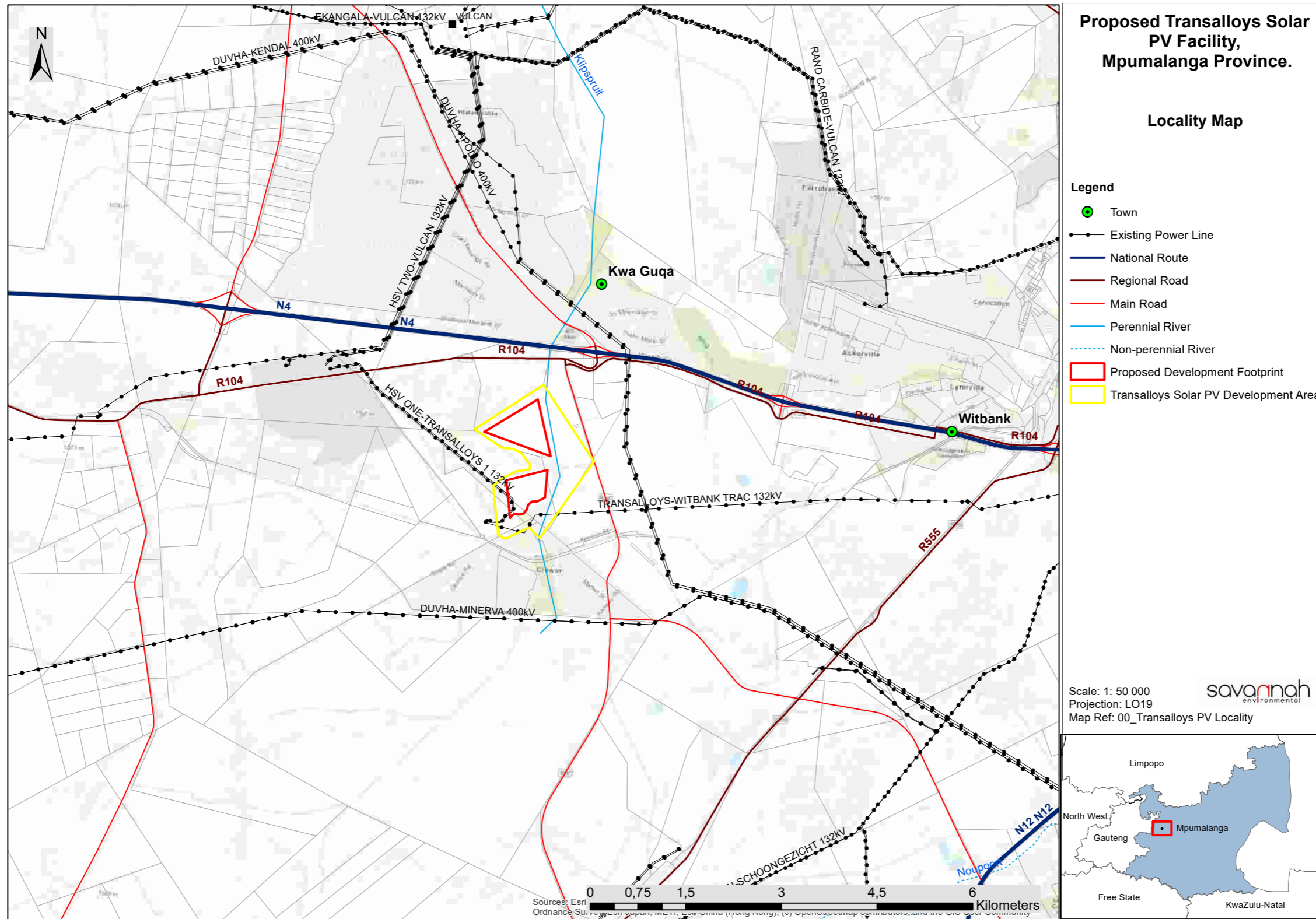
- » Ngokuhlola nokuphawula kuMbiko Wokuhlola Okuvamile phakathi nenkathi ebekiwe yezinsuku ezingu-30 yokuhlola nokuphawula.

Uma ungumuntu Onesithakazelo Nothintekayo kuphrojekthi ehlongozwayo, siyakunxena ukuba usebenzise amathuba enziwe inqubo yokubamba iqhaza komphakathi ukuze ubeke ukuphawula; usho ngezinto ezikukhathazayo kanye / noma onesithakazelo kuzo; noma ucele ulwazi olwengeziwe. Uvo lwakho luyisici esisemqoka senqubo Yokuhlola Okuvamile.

Ngokugcwalisa nokuthumela ifomu lempendulo elihamba ndawonye, uyazibhalisa ngokuzenzakalelayo njengoNesithakazelo Nothintekayo kuphrojekthi ehlongozwayo, futhi uyaqinisekiswa ukuthi ukuphawula kwakho, okukhathazayo, noma imibuzo ephakamayo ngokuqondene nephrojekthi izokwamukelwa. Sicela uqaphele ukuthi konke ukuphawula okutholakele kuzofakwa kumaphephambhalo wephrojekthi. Lokhu kungase kuhlenganise imininingwane eqondene nawe.



Isithombe 1: Ibalazwe Lendawo yeSikhungo Samandla Kagesi we-Solar PV ye-Transalloys esinamandla afinyelela ku-55MW kanye nengqalasizinda ehlobene.





UKUPHAWULA NEMIBUZO

Thumela konke ukuphawula, imibuzo, noma izimpendulo ku-:

Bregardia Rabbie / Molatela Ledwaba

Savannah Environmental (Pty) Ltd

Iposi: PO Box 148, Sunninghill, Johannesburg, 2157

Ucingo: 011 656 3237

Iselula: 060 978 8396

Ifekisi: 086 684 0547

I-imeyili: publicprocess@savannahsa.com

Ukuze uye enkundleni eku-inthanethi yokuthintana kwababambe iqhaza futhi ubheke amaphephambhalo wephrojekthi, iya ku-www.savannahSA.com.

Ilungelo Lobunikazi: **Savannah Environmental (Pty) Ltd**

APPENDIX C4

Organs of State Correspondence



Molatela Ledwaba

From: Savannah Public Participation <publicprocess@savannahsa.com>
Sent: Tuesday, July 4, 2023 1:02 PM
To: Mercy Ralushai
Cc: Molatela Ledwaba
Subject: Transalloys Solar PV - Notification of Revised Basic Assessment Reports and Availability for Review and Comment
Attachments: SE2700-Transalloys_Solar_PV_-_Notification_Letter-IAPs_Revised_BAR_Final.pdf

TRANSSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Dear Stakeholder and Interested & Affected Part,

Transalloys (Pty) Ltd's Application for Environmental Authorisations for the solar PV facility and associated infrastructure (Ref:1/3/1/16/1N-356) and the correspondence regarding the availability of the Basic Assessment (BA) Report for the above-mentioned Applications for Environmental Authorisations dated 10 February 2023, has reference.

Please find attached the notification letter in which we inform you that the Revised Basic Assessment (BA) Report for the solar PV facility and associated infrastructure is available for review and comment.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

**Public Participation
Consultant**
Public Process

e: publicprocess@savannahsa.com
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SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015



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Nicolene Venter

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

04 July 2023

Dear Stakeholder and Interested & Affected Party,

NOTICE OF REVISED BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES

Ref: 1/3/1/16/1N-356

The correspondence regarding the availability of the Basic Assessment (BA) Report for the above-mentioned Application for Environmental Authorisation dated **10 February 2023** has reference.

A Basic Assessment Report was prepared by Savannah Environmental and made available for a 30-day public review period from Friday, **10 February 2023**. Comments were provided following review of the report. In response to comments raised through the public participation process, additional information has now been included in and forms part of the Revised Draft Basic Assessment report. In terms of provision of Regulation 19(1) (b), the BAR has been revised and is now released for a second public comment period of 30 days. The review period is from **03 July 2023** to **02 August 2023**.

AVAILABILITY OF THE REVISED BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT

In terms of Regulation 43(2) of the EIA Regulations, 2014, as amended, this letter serves to inform you, as a registered Interested and Affected Party (I&AP) that the Revised Draft Basic Assessment Report is available for review and comments.

The Revised Draft BA Report can be downloaded from the Savannah Environmental website: <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>
An electronic copy of the Revised BA report can also be made available via file transfer services such as WeTransfer or Dropbox upon request.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout the process.

Kind regards



Molatela Ledwaba

Public Participation Consultant

Email: publicprocess@savannahsa.com

[Print](#)

Transalloys solar PV - Notification of Revised Basic Assessment Reports and Availability for Review and Comment POE-DFFE

Date: Tuesday, 04
July 2023
Time: 13:03

Company	Last Name	First Name	Email Address
Transnet Freight Rail: Mpumalanga	Potgieter	Yolanda	yolanda.potgieter@transnet.net
eMalahleni Public Library (Witbank)	Rozmiarek	Johanette	witlibrary@mweb.co.za
Transnet SOC Limited	Keswa	Vuyo	vuyo.keswa@transnet.net
Transnet Freight Rail	Matabane	Vincent	vincent.matabane@transnet.net
eMalahleni Local Municipality	Nkosi	Xolani	velixoli@gmail.com
Department of Water and Sanitation	Van Rooyen	JC	VanRooyenJC@dws.gov.za
Transnet Freight Rail: Mpumalanga	Mavulwana	Tshilidzi	Tshilidzi.Mavulwana@transnet.net
Nkangala District Municipality	Tshabalala	E	tshabalala@nkangaladm.org.za
Department of Forestry, Fisheries and the Environment	Khumalo	Thulie N	TKhumalo@dffe.gov.za
Highveld Industrial Park	Oberholzer	Thia	Thiav@hipark.co.za
Transnet SOC Limited	Hadebe	Thami	thami.hadebe@transnet.net
MTN	Smith	Tessa	tessa.smith@mtn.com
eMalahleni Local Municipality	Swan	G	swang@emalahleni.gov.za
Nkangala District Municipality	Skosana	Margaret	skosanamm@nkangaladm.gov.za
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	simphiwem@atns.co.za
Nkangala District Municipality	Makola	TC	simelaneke@nkangaladm.org.za
eMalahleni Local Municipality	Sikhosana	J	sikhosanaj@emalahleni.gov.za
Transnet Freight Rail: Mpumalanga	Madlala	Sihle	Sihle.Madlala@transnet.net
DARDLEA Mpumalanga	Shiba	B P	sibanyonipc@mpg.gov.za
eMalahleni Local Municipality	Shongwe	M.E	shongweme@emalahleni.gov.za
MP Department of Agric, Rural Development, Land and Environmental Affairs	Hlatswayo	S	SHlatswayo@mpg.gov.za
	Buthelezi	Sizwe	shengebuthlezi.sb@gmail.com
eMalahleni Local Municipality	Sedupane	M.E	sedupaneme@emalahleni.gov.za
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	Mthimunye	M	seasha@vodamail.co.za
Anglo Operations Limited	Vilakazi	Sandile	sandile.vilakazi@angloamerican.com
Department of Mineral Resources & Energy: Mpumalanga	Mojapelo	John	Samuel.mathavela@dmr.gov.za
Transnet SOC Limited: Mpumalanga	Dagada	Rudzani	rudzani.dagada@transnet.net

eMalahleni Local Municipality	Cronje	Roy	roy.cronje@absamail.co.za	
Air Traffic and Navigation Services (ATNS)	Matsimela	Rethabile	RethabileM@atns.co.za	
MTN	Nel	Renier	Renier.Nel@mtn.com	
Department of Water and Sanitation	Rambuda	Adivhaho	rambudaa@dwa.gov.za	
Department of Water and Sanitation	Ralushai	Mercy	RalushaiM@dws.gov.za	
Mpumalanga-DARDLEA	Monareng	L	prunkosi@mpg.gov.za	
South African Civil Aviation Authority (CAA)	Pretorius	Marie	pretoriusm@caa.co.za	
Emerald Sky Trading 706 Pty Ltd	Valli	Ismail	presidentbolt@mweb.co.za	
Transnet SOC Limited	Selwane	Philisiwe	Philisiwe.Selwane@transnet.net	
Mpumalanga-Dept of Public Works, Roads & Transport	Phala	PJ	phalaj@mpg.gov.za	
Sasol Limited	Cronje	Paul	paul.cronje@sasol.com	
Mpumalanga-DARDLEA	Fakude	Okwethu	oqfakude@mpg.gov.za	
eMalahleni Local Municipality	Malatjie	L.M	officeofthemayor@emalahleni.gov.za	
eMalahleni Local Municipality	Mayeisela	Sizwe	OfficeofMM@emalahleni.gov.za	
South African Civil Aviation Authority (CAA)	Vilakazi	Zwelithini	obstacles@caa.co.za	
South African Civil Aviation Authority (CAA)	Stroh	Lizelle	obstacles@caa.co.za	
Department of Water and Sanitation: Mpumalanga	Nyalunga	Gezephi	NyalungaG@dws.gov.za	
Mpumalanga Dep of Agriculture & Rural Dev & Land Admin	Masoka	Sylvia	nsylvia706@gmail.com	
Transnet Freight Rail: Mpumalanga	Mtsenga	Nsumbulana	nsumbulana.mtsenga@transnet.net	
Mpumalanga-DARDLEA	Chunda	CM	nmbedu@mpg.gov.za	
	Sifiso W	Nkosi	nkosiwiseman29@gmail.com	
Nkangala District Municipality	Nkosi	Naume	nkosinm@nkangaladm.gov.za	
SAHRA	Khumalo	Nokukhanya	nkhumalo@sahra.org.za	
eMalahleni Local Municipality	Nkabinde	Erald	nkabindeej@emalahleni.gov.za	
Nkangala District Municipality	Nembilwi	Mpho	nembilwim@nkangaladm.co.za	
Department of Water and Sanitation	Mulaudzi	Masala	mulaudzim@dws.gov.za	
Seriti Green	Makoya	Mukondeleli	mukondeleli.makoya@seritigreen.com	
eMalahleni Local Municipality	Mthimkulu	Dorris	Mthimkuludorris72@gmail.com	
Mpumalanga Department of Economic Development, Environment & Tourism	Theledi	MC	MTheledi@mpg.gov.za	
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Agri Mpumalanga	Davel	Robert	mplandbou@mweb.co.za	
Sentech Ltd	Motlhake	Serame	MotlhakeS@sentech.co.za	
eMalahleni Local Municipality	Monyepao	adelaide	monyepaoma@emalahleni.gov.za	
Department of Water and Sanitation	Moloto	Madi	molotom@dwa.gov.za	
Savannah Environmental (Pty) Ltd	Ledwaba	Molatela	molatela@savannahsa.com	
eMalahleni Local Municipality	Mokoena	R.M	mokoenarm@emalahleni.gov.za	
Emalahleni Local Municipality EC	Mntuyedwa	Nkululo	mntuyedwan@emalahlenilm.gov.za	
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Department of Water and Sanitation	Mhlongo	Gugu	MhlongoG2@dws.gov.za	
eMalahleni Local Municipality	Mbonani	Fortune	mbonanifl@mpg.gov.za	

eMalahleni Local Municipality	Mbokane	T.T	mbokanett@emalahleni.gov.za
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Eskom	Baldwin	Maudu	MauduB@eskom.co.za
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Sentech Ltd	Mannel	Zane	mannellz@sentech.co.za
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eMalahleni Local Municipality	Makena	M.J	makenamj@emalahleni.gov.za
eMalahleni Local Municipality	Maisela	HS	maiselahs@emalahleni.gov.za
	Makaring	Magnificent	magmakaring@webmail.co.za
Department of Water and Sanitation: Mpumalanga	Macevele	Stanford	MaceveleS@dws.gov.za
Mpumalanga-DARDLEA	Zwane	Lindokuhle	Izwane@mpg.gov.za
Mainstream Renewable South Africa (Pty) Ltd	Attenborough	Luke	luke.attenborough@mainstreamrp.com
Eskom Holdings SOC Ltd: Mpumalanga	Ludere	Tshifiwa	LudereTH@eskom.co.za
Department of Forestry, Fisheries and the Environment	Mahlangu	Lucas	Imahlangu@environment.gov.za
eMalahleni Local Municipality	Lehlela	Mothusi	LehlelaM@emalahlenilm.gov.za
Sentech Ltd	Koegelenberg	Johan	koegelenbergJ@sentech.co.za
	Mokoo	Kenneth	kenneth@puladitsela.co.za
Evraz Highveld Steel and Vanadium Limited	Blanwell	Kevin	kenb@evrazhighveld.co.za
eMalahleni Local Municipality	Kadi	Tefo	kadimt@emalahleni.gov.za
Anglo Operations Limited	Eslait	Julian	julian.eslait@angloamerican.com
Department of Mineral Resources & Energy: Mpumalanga	Mabule	A	Juanita.duPlessis@dmr.gov.za
Transnet Capital projects	Bouwer	Johannes	johannes.bouwer@transnet.net
Air Traffic and Navigation Services (ATNS)	Morobane	Johanna	JohannaM@atns.co.za
Department of Water and Sanitation	Nale	Janine Julies	jnalej@dws.gov.za
Transnet Freight Rail: Mpumalanga	Govender	Jenny	Jenny.Govender@transnet.net
Mpumalanga-Dept of Public Works, Roads & Transport	Beharrie	J	jbeharrie@mpg.gov.za
AgriSA	Rabie	Janse	janse@agrisa.co.za
Sasol Mining	du Plessis	Jacques	jacques.duplessis@sasol.com
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Department of Water and Sanitation	Guma	Fikile	GumaF@dws.gov.za
Department of Forestry, Fisheries and the Environment	Scott	Gregory	gscott@environment.gov.za
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Mpumalanga-DARDLEA	Xaba	OG	goxaba@mpg.gov.za
Transalloys	Shimusi	Glenrose	glenroses@transalloys.co.za
Transnet Freight Rail	Mashiane	Given	Given.Mashiane@transnet.net
Evraz Highveld Steel and Vanadium Limited	Westrate	Anre	general@evrazhighveld.co.za

Department of Telecommunication & Postal Services	Sibeko	Elliot	esibeko@dtps.gov.za	
Transalloys	Ephraim		ephraimm@transalloys.co.za	
Department of Forestry, Fisheries and the Environment	EIA Admin		EIAadmin@dffe.gov.za	
Mpumalanga-DARDLEA	Govender	Marcini	dtswai@mpg.gov.za	
	Tswai	Dineo	dtswai@mpg.gov.za	
Mpumalanga-DARDLEA	Mhlangu	Lucas	cnmthimunye@mpg.gov.za	
Department of Forestry, Fisheries and the Environment: Mpumalanga	Mabuza	Cyprian	CMabuza@environment.gov.za	
eMalahleni Local Municipality	Buthelezi	Thabane	buthelezit@emalahleni.gov.za	
eMalahleni Local Municipality	Brentjies	B.C	brentjiescbc@emalahleni.gov.za	
	Sizwe	Mathebula	boweziko@gmail.com	
Mpumalanga Provincial Heritage Resources Authority (MPHRA)	Moduka	Benjamin	bmoduka@mpg.gov.za	
Cell C	Joubert	Brian	BJoubert@cellc.co.za	
eMalahleni Local Municipality	Mdawe	Bheki	bhekimndawe@webmail.co.za	
Sasol Mining Pty Ltd	Botha	Bertie	bertie.botha@sasol.com	
Department of Mineral Resources & Energy: Mpumalanga	Tshivhandekano	Aubrey	Aubrey.Tshivhandekano@dmr.gov.za	
	Mtsweni	Annah	annahmtsweni03@gmail.com	
Anker Coal Mineral Holdings	The Manager	.	anker@mweb.co.za	
Department of Forestry, Fisheries and the Environment: Mpumalanga	Ngcebetsha	Anele	anele.ngcebetsha@gmail.com	
Mpumalanga-DARDLEA	Mashiteng	G	amare@mpg.gov.za	
MP Department of Agric, Rural Development, Land and Environmental Affairs	De Lange	A	adelange@mpg.gov.za	
	Korzh	Andrey	A.Korzh@transalloys.com	

Totals:

10 February 2023

Dear Stakeholder and Interested & Affected Party,

TRANSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

NOTIFICATION OF BASIC ASSESSMENT REPORT AND AVAILABILITY FOR REVIEW AND COMMENT

Savannah Environmental (Pty) Ltd, has been appointed by Transalloys (Pty) Ltd for the undertaking of the Basic Assessment processes for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility and associated Infrastructure on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS, within the Emalahleni Local Municipality, Mpumalanga Province. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- » Inverters and transformers
- » Cabling between the project components
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- » Security office, operations and control, and maintenance and storage laydown areas
- » Access roads and internal distribution roads

BASIC ASSESSMENT PROCESS

In accordance with the EIA Regulations, 2014 (as amended) published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), the applicants require Environmental Authorisation (EA) from the National Department of Forestry, Fisheries and the Environment (DFFE) in consultation with the Mpumalanga Department of Environmental Affairs (DEA) for the development of the proposed project.

In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the application for EA is subject to the completion of Basic Assessment (BA) process based on the location of the project sites within a REDZ. The application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

A BA process is an effective planning and decision-making tool. It allows for potential environmental consequences resulting from a proposed activity to be identified and appropriately managed during the construction, operation, and decommissioning phases of development. It also provides an opportunity for the project applicant to be forewarned of potential environmental issues and allows for the resolution of issue(s) identified and reported on as part of the BA process, as well as provides opportunity for dialogue with key stakeholders and Interested and Affected Parties (I&APs).

PUBLIC INVOLVEMENT PROCESS


As a reminder, the public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed projects is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed projects; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the BA process.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023** to **13 March 2023**. The final day for written comments to be submitted is **13 March 2023**

Please do not hesitate to contact us should you require additional information and/or clarification regarding the projects. Our team welcomes your participation and look forward to your involvement throughout the processes.

Kind regards



Bregardia Rabbie

Public Participation Consultant

Email: publicprocess@savannahsa.com

Bregardia Rabbie

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Friday, 10 February 2023 23:24
To: Mercy Ralushai
Cc: Bregardia Rabbie
Subject: SE2700: Transalloys Photovoltaic (PV) Solar Energy Facility - Notification of Basic Assessment Report available for review and comment
Attachments: SE2700-Transalloys_DBAR_-_Notification_Letter-FINAL..pdf

TRANSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, has been appointed by Transalloys (Pty) Ltd for the undertaking of the Basic Assessment processes for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility and associated Infrastructure on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS, within the Emalahleni Local Municipality, Mpumalanga Province. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- » Inverters and transformers
- » Cabling between the project components
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- » Security office, operations and control, and maintenance and storage laydown areas
- » Access roads and internal distribution roads

This letter is to inform you that the Basic Assessment (BA) Report for the above solar PV application is available for your review and comment from Friday, 10 February until Monday, 13 March 2023. The BA Report can be downloaded from our website: [click here](#)

Please do not hesitate to contact us should you require any additional information.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
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SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

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2700 Transalloys PV DBAR Notification - POE

Date: Friday,
10 February
2023
Time: 23:21

Company	First Name	Last Name	Email Address
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	Annah	Mtsweni	annahmtsweni03@gmail.com
	Dineo	Tswai	dtswai@mpg.gov.za
	Kenneth	Mokoo	kenneth@puladitsela.co.za
	M	Mthimunye	seasha@vodamail.co.za
	Magnificent	Makaring	magmaaring@webmail.co.za
	Nkosi	Sifiso W	nkosiwiseman29@gmail.com
	S.	Sizwe	boweziko@gmail.com
	Sean	De Beer	seasha@vodamail.co.za
Agri Mpumalanga	Robert	Davel	mplandbou@mweb.co.za
AgriSA	Janse	Rabie	janse@agrisa.co.za
Air Traffic and Navigation Services (ATNS)	Johanna	Morobane	JohannaM@atns.co.za
Air Traffic and Navigation Services (ATNS)	Rethabile	Matsimela	
Air Traffic and Navigation Services (ATNS)	Simphiwe	Masilela	simphiwem@atns.co.za
Anglo Operations Limited	Julian	Eslait	julian.eslait@angloamerican.com
Anglo Operations Limited	Sandile	Vilakazi	sandile.vilakazi@angloamerican.com
Anker Coal and Mineral Holdings	Sonita	Kruger	
Anker Coal Mineral Holdings	.	The Manager	anker@mweb.co.za
Cell C	Brian	Joubert	BJoubert@cellc.co.za
Cell C	Harish	Kasseepursad	hkasseepursad@cellc.co.za
Cell C	Marius	Otto	marius.otto@cellc.co.za
DARDLEA Mpumalanga	B P	Shiba	sibanyonipc@mpg.gov.za
Department of Water and Sanitation: Mpumalanga	Gezephi	Nyalunga	NyalungaG@dws.gov.za
Department of Energy	.	The Director: Mpumalanga	
Department of Forestry, Fisheries and the Environment		EIA Admin	EIAAdmin@dffe.gov.za
Department of Forestry, Fisheries and the Environment	Gregory	Scott	gscott@environment.gov.za
Department of Forestry, Fisheries and the Environment	Lucas	Mahlangu	lmahlangu@environment.gov.za
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Transnet SOC Limited	Thami	Hadebe	thami.hadebe@transnet.net	
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Vodacom	Hennie	Barnard	hennie.barnard@vodacom.co.za	
Totals:				

Transalloys Solar PV Energy Facility

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Applicant: Transalloys (Pty) Ltd

Proposed Activity: The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- Inverters and transformers
- Cabling between the project components
- On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- Security office, operations and control, and maintenance and storage laydown areas
- Access roads and internal distribution roads

Project Location: Adjacent to the existing Transalloys smelter complex on Clewer Road 1034, Emalahleni in the Emalahleni Local Municipality. On Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

Application for Environmental Authorisation: In terms of Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with GNR 144 of February 2021, a Basic Assessment (BA) process is required in support of the application for

Environmental Authorisation for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023** to **13 March 2023**. The final day for written comments to be submitted is **13 March 2023**

To obtain further information and register on the project database and submit comments or queries, please refer to the contact information:

Bregardia Rabbie at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396

Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Website: www.savannahsa.com Nicolene Venter at Savannah Environmental

Documents for public review are available for download.

Please click **Register Interest** to access the documents

REGISTER INTEREST

BACKGROUND INFORMATION DOCUMENT

Contact Savannah Environmental

If you would like further details, please do not hesitate to contact any member of our Environmental team at +27 (0)11 656 3237 / +27 (0)11 656 3256

Email Us

Contact us

APPENDIX C5
I&AP CORRESPONDENCE



Molatela Ledwaba

From: Savannah Public Participation <publicprocess@savannahsa.com>
Sent: Tuesday, July 4, 2023 1:02 PM
To: Mercy Ralushai
Cc: Molatela Ledwaba
Subject: Transalloys Solar PV - Notification of Revised Basic Assessment Reports and Availability for Review and Comment
Attachments: SE2700-Transalloys_Solar_PV_-_Notification_Letter-IAPs_Revised_BAR_Final.pdf

TRANSSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Dear Stakeholder and Interested & Affected Part,

Transalloys (Pty) Ltd's Application for Environmental Authorisations for the solar PV facility and associated infrastructure (Ref:1/3/1/16/1N-356) and the correspondence regarding the availability of the Basic Assessment (BA) Report for the above-mentioned Applications for Environmental Authorisations dated 10 February 2023, has reference.

Please find attached the notification letter in which we inform you that the Revised Basic Assessment (BA) Report for the solar PV facility and associated infrastructure is available for review and comment.

Kind regards,

[Unsubscribe this type of email](#)



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



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

04 July 2023

Dear Stakeholder and Interested & Affected Party,

NOTICE OF REVISED BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES

Ref: 1/3/1/16/1N-356

The correspondence regarding the availability of the Basic Assessment (BA) Report for the above-mentioned Application for Environmental Authorisation dated **10 February 2023** has reference.

A Basic Assessment Report was prepared by Savannah Environmental and made available for a 30-day public review period from Friday, **10 February 2023**. Comments were provided following review of the report. In response to comments raised through the public participation process, additional information has now been included in and forms part of the Revised Draft Basic Assessment report. In terms of provision of Regulation 19(1) (b), the BAR has been revised and is now released for a second public comment period of 30 days. The review period is from **03 July 2023** to **02 August 2023**.

AVAILABILITY OF THE REVISED BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT

In terms of Regulation 43(2) of the EIA Regulations, 2014, as amended, this letter serves to inform you, as a registered Interested and Affected Party (I&AP) that the Revised Draft Basic Assessment Report is available for review and comments.

The Revised Draft BA Report can be downloaded from the Savannah Environmental website: <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>
An electronic copy of the Revised BA report can also be made available via file transfer services such as WeTransfer or Dropbox upon request.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout the process.

Kind regards



Molatela Ledwaba

Public Participation Consultant

Email: publicprocess@savannahsa.com

[Print](#)

Transalloys solar PV - Notification of Revised Basic Assessment Reports and Availability for Review and Comment POE-DFFE

Date: Tuesday, 04
July 2023
Time: 13:03

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	Korzh	Andrey	A.Korzh@transalloys.com	

Totals:

10 February 2023

Dear Stakeholder and Interested & Affected Party,

TRANSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

NOTIFICATION OF BASIC ASSESSMENT REPORT AND AVAILABILITY FOR REVIEW AND COMMENT

Savannah Environmental (Pty) Ltd, has been appointed by Transalloys (Pty) Ltd for the undertaking of the Basic Assessment processes for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility and associated Infrastructure on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS, within the Emalahleni Local Municipality, Mpumalanga Province. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- » Inverters and transformers
- » Cabling between the project components
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- » Security office, operations and control, and maintenance and storage laydown areas
- » Access roads and internal distribution roads

BASIC ASSESSMENT PROCESS

In accordance with the EIA Regulations, 2014 (as amended) published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), the applicants require Environmental Authorisation (EA) from the National Department of Forestry, Fisheries and the Environment (DFFE) in consultation with the Mpumalanga Department of Environmental Affairs (DEA) for the development of the proposed project.

In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the application for EA is subject to the completion of Basic Assessment (BA) process based on the location of the project sites within a REDZ. The application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

A BA process is an effective planning and decision-making tool. It allows for potential environmental consequences resulting from a proposed activity to be identified and appropriately managed during the construction, operation, and decommissioning phases of development. It also provides an opportunity for the project applicant to be forewarned of potential environmental issues and allows for the resolution of issue(s) identified and reported on as part of the BA process, as well as provides opportunity for dialogue with key stakeholders and Interested and Affected Parties (I&APs).

PUBLIC INVOLVEMENT PROCESS

As a reminder, the public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed projects is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed projects; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the BA process.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023** to **13 March 2023**. The final day for written comments to be submitted is **13 March 2023**

Please do not hesitate to contact us should you require additional information and/or clarification regarding the projects. Our team welcomes your participation and look forward to your involvement throughout the processes.

Kind regards



Bregardia Rabbie

Public Participation Consultant

Email: publicprocess@savannahsa.com

Bregardia Rabbie

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Friday, 10 February 2023 23:24
To: Mercy Ralushai
Cc: Bregardia Rabbie
Subject: SE2700: Transalloys Photovoltaic (PV) Solar Energy Facility - Notification of Basic Assessment Report available for review and comment
Attachments: SE2700-Transalloys_DBAR_-_Notification_Letter-FINAL..pdf

TRANSALLOYS PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, has been appointed by Transalloys (Pty) Ltd for the undertaking of the Basic Assessment processes for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility and associated Infrastructure on Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS, within the Emalahleni Local Municipality, Mpumalanga Province. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- » Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- » Inverters and transformers
- » Cabling between the project components
- » On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- » Security office, operations and control, and maintenance and storage laydown areas
- » Access roads and internal distribution roads

This letter is to inform you that the Basic Assessment (BA) Report for the above solar PV application is available for your review and comment from Friday, 10 February until Monday, 13 March 2023. The BA Report can be downloaded from our website: [click here](#)

Please do not hesitate to contact us should you require any additional information.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547



Nicolene Venter

Public Process

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

[Print](#)

2700 Transalloys PV DBAR Notification - POE

Date: Friday,
10 February
2023
Time: 23:21

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Totals:			

Transalloys Solar PV Energy Facility

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) SOLAR ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Applicant: Transalloys (Pty) Ltd

Proposed Activity: The development Transalloys Solar Photovoltaic (PV) Energy Facility with a capacity of up to 55MW and associated infrastructure to partially meet Transalloys' current electricity demands and future expansion requirements. The Solar PV Energy Facility will include the following:

- Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system)
- Inverters and transformers
- Cabling between the project components
- On-site facility substation and an underground power line to connect the solar PV facility to the existing Transalloys Substation
- Security office, operations and control, and maintenance and storage laydown areas
- Access roads and internal distribution roads

Project Location: Adjacent to the existing Transalloys smelter complex on Clewer Road 1034, Emalahleni in the Emalahleni Local Municipality. On Portions 34 and 35 of the Farm Elandsfontein 309JS and Portions 20 and 24 of the Farm Schoongezicht 308JS. The site is located within the Emalahleni Renewable Energy Development Zone (REDZ 9).

Application for Environmental Authorisation: In terms of Section 24(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as read with GNR 144 of February 2021, a Basic Assessment (BA) process is required in support of the application for

Environmental Authorisation for the proposed Transalloys Solar Photovoltaic (PV) Energy Facility.

Basic Assessment Report available for review & comment: The Basic Assessment Report is available for review & comment from the Savannah Environmental website at <https://savannahsa.com/public-documents/energy-generation/transalloys-solar-pv-energy-facility/>. The 30-day review & comment period for the Basic Assessment Report is from **10 February 2023** to **13 March 2023**. The final day for written comments to be submitted is **13 March 2023**

-

To obtain further information and register on the project database and submit comments or queries, please refer to the contact information:

Bregardia Rabbie at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396

Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Website: www.savannahsa.com Nicolene Venter at Savannah Environmental

Documents for public review are available for download.

Please click **Register Interest** to access the documents

REGISTER INTEREST

BACKGROUND INFORMATION DOCUMENT

Contact Savannah Environmental

If you would like further details, please do not hesitate to contact any member of our Environmental team at +27 (0)11 656 3237 / +27 (0)11 656 3256

Email Us

Contact us

APPENDIX C6
COMMENTS RECEIVED





agriculture, rural development,
land & environmental affairs

MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Cnr Ryan and Rosemead Street
Klipfontein
eMalahleni
1035
Mpumalanga Province

NKANGALA DISTRICT

Litiko Letekulima, Kutfutukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Nelesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweeNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Enquiries: Charity Mthimunye, Cnr Rosemead & Ryan Str, Klipfontein Witbank, 1035, Tel: 013 692 6300/5848
Email: cnmthimunye@mpg.gov.za
Reference: 1/3/1/16/1N-356

Ms. Jo-Anne Thomas
Savannah Environmental (Pty) Ltd
P.O. Box 148
Sunninghill
2157

E-mail: joanne@savannahsa.com

Dear Madam

DRAFT BAR: TRANSALLOYS SOLAR PV ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE WITH A CAPACITY OF UP TO 55MW WITHIN EMALAHLENI LOCAL MUNICIPALITY.

The draft basic assessment report (BAR) which was submitted by you in respect of the abovementioned application and received by the Department on 17 February 2023 refers. The Department has considered the content of the report, and has the following comments:

1. The final BAR must provide proof that all potential and registered I&AP's, including the Organs of State, were provided with access to and an opportunity to comment on the draft BAR following submission of the application form (Regulation 40(3)).
2. The final basic assessment report must include an issues and response report, as well as copies of and responses to comments received from all I&APs, including these comments.
3. The final BAR must also include all the specialist studies indicated within the draft BAR.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.
Your cooperation will be highly appreciated.

Yours faithfully,



Dineo Tswai

Deputy Director

Environmental Impact

24 February 2023

Date





water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

MPUMALANGA

Private Bag X 11259, MBOMBELA, 1200 Prorom Building, Cnr Brown and Paul Kruger, MBOMBELA, 1200, Tel: 013 759 7300

ENQUIRIES: S Moodley

TELEPHONE: 013 591 8917

REFERENCE: 16/2/7/B11K/B175

Transalloys (Pty) Ltd
1034 Clewer Road
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1035

For Attention: Ms Candy Mahlangu

BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME FOR THE PROPOSED TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY ON PORTIONS 34 AND 35 OF THE FARM ELANDSFONTEIN 309JS AND PORTIONS 20 AND 24 OF THE FARM SCHOONGEZICHT 308JS SITUATED IN NKANGALA DISTRICT MUNICIPALITY, MPUMALANGA PROVINCE.

The above-mentioned report prepared by Savannah Environmental (Pty) Ltd and dated February 2023 has relevance.

The Department of Water and Sanitation (DWS) has evaluated the above-mentioned report and wish to comment as follows:

1. The Applicant shall conduct a preliminary legal assessment to identify all the water use activities associated with the proposed project that will require authorisation by the DWS and the applicant is hereby referred to Section 22(1) of the National Water Act, 1998 (Act No. 36 of 1998).
2. Other water use related activities associated with this project that are not permissible as indicated on Section 22(1) of the National Water Act, 1998 (Act No. 36 of 1998) shall have to be authorized by the DWS prior to such water use activities taking place and the applicant is requested to liaise with the DWS for guidance on the requirements for such an authorisation.
3. **Flood-lines:** The map of the location of the proposed operation showing the 1:100 year flood-line in terms of section 144 of the National Water Act, 1998 (Act No. 36 of 1998) shall be submitted to the DWS. The applicant shall note that no activities should occur within 100m or within the 1:100 year flood-line without an authorization.
4. **Stormwater Management:** The applicant should ensure that adequate stormwater control and management must be practiced ensuring that contaminants are not introduced into water resources during the developmental and operational phases of the proposed project. Stormwater management should be in line with the Government Notice 704 Of 04 June 1999 (GN 704) Regulation.
5. **Water Uses:** If there is any activity that will involve river crossing or within 500 m of the regulated area (wetland), the applicant should submit section 21 (c) and (i) forms together with supplementary forms to the Department. A wetland study should also be conducted.



BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME FOR THE PROPOSED TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY ON PORTIONS 34 AND 35 OF THE FARM ELANDSFONTEIN 309JS AND PORTIONS 20 AND 24 OF THE FARM SCHOONGEZICHT 308JS SITUATED IN NKANGALA DISTRICT MUNICIPALITY, MPUMALANGA PROVINCE.

6. The Applicant is requested to provide the Department with the source of water for domestic usage, and it should be recorded in the site environmental file. The applicant should also submit an agreement between themselves and the service provider for the supply of potable water. The applicant should note that the use of water that could possibly trigger section 21 (a) of the National Water Act, (Act No. 36 of 1998) shall have to be authorized by the DWS prior to such water use activities. Forms and supplementary forms should be submitted to the Department.
7. **Storage of oil, diesel, hydraulic fluids, and grease:** It is recommended that the storage areas for these fluids be bunded with cement and in such a manner that any spillages can be contained and reclaimed without causing any pollution to the ground and surface water resources.
8. **Sanitation:** The Applicant shall ensure that no sanitary system is located within a horizontal distance of 100 meters from any watercourses. Therefore, reasonable measures shall have to be taken to prevent the potential pollution of the ground and surface water resources due to the proposed onsite sanitation facilities.
9. **Public Participation:** The applicant should note that this is one of the critical requirements when processing a water use authorisation application and it must be done as per "Regulations Regarding Procedural Requirements for Water Use Licence Applications and Appeals."
10. **Pollution:** The Applicant is referred to Section 19(1) of the National Water Act, 1998 (Act No. 36 of 1998), and to report any pollution incidents originating from the proposed project to the Provincial Office of DWS within 24 hours.

The Applicant shall provide clarity on the above-mentioned issues of concern prior to any recommendations from the DWS.

Please contact Ms S Moodley on, email address moodleys3@dwa.gov.za should you have further queries.

Yours faithfully,



ACTING PROVINCIAL HEAD: MPUMALANGA

DATE:

18/03/2023

Molatela Ledwaba

From: Thia Oberholzer <Thiav@hipark.co.za>
Sent: Tuesday, April 4, 2023 10:29 AM
To: Savannah Public Process
Cc: Molatela Ledwaba
Subject: RE: SE2700: Transalloys Photovoltaic (PV) Solar Energy Facility - Notification of Basic Assessment Report available for review and comment

Hi

After reviewing the draft BAR, I only have one comment. There is annual cultural initiation taking place on the adjacent land. I did not pick up in the draft BAR that the impacts associated with the PV development were considered on these schools. Is that something that needs to be considered?

Otherwise, thanks for a well-composed document!

Regards

THIA OBERHOLZER

+27 (0) 13 010 6002

+27 (0) 82 610 9481



From: Thia Oberholzer
Sent: Tuesday, April 4, 2023 9:16 AM
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Molatela Ledwaba <molatela@savannahsa.com>
Subject: RE: SE2700: Transalloys Photovoltaic (PV) Solar Energy Facility - Notification of Basic Assessment Report available for review and comment

Hi Bregardia

My apologies for only getting back to you now. I will provide my comments, if any, by this afternoon.

Kind regards

THIA OBERHOLZER

+27 (0) 13 010 6002

+27 (0) 82 610 9481



From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, March 29, 2023 1:20 PM
To: Thia Oberholzer <Thiav@hipark.co.za>; Savannah Public Process <publicprocess@savannahsa.com>
Cc: Molatela Ledwaba <molatela@savannahsa.com>
Subject: RE: SE2700: Transalloys Photovoltaic (PV) Solar Energy Facility - Notification of Basic Assessment Report available for review and comment

Good Day Thia,

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Registration & Comment Form

April 2023

Return completed registration and comment form to: **Bregardia Rabbie** of **Savannah Environmental**

Phone: 011 656 3237 / **Mobile (incl. 'please call me')**: 060 978 8396 / **Fax:** 086 684 0547

E-mail: publicprocess@savannahsa.com **Postal Address:** PO Box 148, Sunninghill, 2157

Your registration as an interested and/or affected party will be applicable for this project only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name & Surname:	DOCTOR MBUYANE		
Organisation:	Ward 08 (Emalahleni) SANCO		
Designation:	Ward/08		
Postal Address:	10985 EXT 15 Vosmer		
Telephone:	N/A	Fax:	
Mobile:	065 840 2950		
E-mail:	doctorsong28@gmail.com		

In terms of EIA Regulations, 2014, as amended, Regulation 43(1), you are required to register as an I&AP to receive further correspondence regarding the EIA process for the projects and to disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application (add additional pages if necessary):

I will like to see this projects be doing in our area so that people get work and opportunities.

Please list your comments regarding your project selection above (add additional pages if necessary):

OUR COMMUNITY NEED THIS PROJECT TO UPLIFT OUR COMMUNITY THIS PROJECT WHEN THIS GONNA START WE WANT EVERYTHING TO BE COMMUNICATION AND TRANSPARENT AND SKILL DEVELOPMENT

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	
Postal Address:	
Telephone:	
Mobile:	
E-mail:	

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

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E-mail: publicprocess@savannahsa.com Postal Address: PO Box 148, Sunninghill, 2157

Your registration as an interested and/or affected party will be applicable for this project only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name & Surname:	Annah J Mtsweni	
Organisation:	Emalahleni local municipality	
Designation:	Ward 9 councillor	
Postal Address:		
Telephone:		Fax:
Mobile:	0722069485	
E-mail:	annahmtsweni03(a)gmail.com	

In terms of EIA Regulations, 2014, as amended, Regulation 43(1), you are required to register as an I&AP to receive further correspondence regarding the EIA process for the projects and to disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application (add additional pages if necessary):

Please list your comments regarding your project selection above (add additional pages if necessary):

Can a baricade not be done before approval as is going to raise hopes
 Can it be approved as both transalloys and community will be benefiting and electricity saved
 - skill transfer

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	Allen Mhlambi →	
Postal Address:	Kimberly street	
Telephone:	-	
Mobile:	0605005916	
E-mail:	-	

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Registration & Comment Form

April 2023

Return completed registration and comment form to: **Bregardia Rabbie** of **Savannah Environmental**

Phone: 011 656 3237 / **Mobile (incl. 'please call me'):** 060 978 8396 / **Fax:** 086 684 0547

E-mail: publicprocess@savannahsa.com **Postal Address:** PO Box 148, Sunninghill, 2157

Your registration as an interested and/or affected party will be applicable for this project only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name & Surname:	Sizwe Mafule	
Organisation:	Ward Cllr 17 ELM	
Designation:	Ward Cllr 17	
Postal Address:	1123 Makgatlo Street, Lynnville	
Telephone:		Fax:
Mobile:	061 490 1340	
E-mail:	boweziko@gmail.com	

In terms of EIA Regulations, 2014, as amended, Regulation 43(1), you are required to register as an I&AP to receive further correspondence regarding the EIA process for the projects and to disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application (add additional pages if necessary):

None

Please list your comments regarding your project selection above (add additional pages if necessary):

Skills transfer if the Application can be approved, We would like it to be a priority, if Application is approved can all the processes be transferred

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	
Postal Address:	
Telephone:	
Mobile:	
E-mail:	

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA PROVINCE

Registration & Comment Form

April 2023

Return completed registration and comment form to: **Bregardia Rabbie** of Savannah Environmental

Phone: 011 656 3237 / Mobile (incl. 'please call me'): 060 978 8396 / Fax: 086 684 0547

E-mail: publicprocess@savannahsa.com Postal Address: PO Box 148, Sunninghill, 2157

Your registration as an interested and/or affected party will be applicable for this project only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name & Surname:	XOLANI ARNOLD NKOSI		
Organisation:	WARA 8 COUNCILLOR		
Designation:	WARA 08 COUNCILLOR		
Postal Address:	N/A		
Telephone:	N/A	Fax:	
Mobile:	072 941 3837		
E-mail:	veixoi@gmail.com		

In terms of EIA Regulations, 2014, as amended, Regulation 43(1), you are required to register as an I&AP to receive further correspondence regarding the EIA process for the projects and to disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application (add additional pages if necessary):

As councillor I support transalloys, because of job creation and energy renewal, also the skills that they would bring in our communities. We hope they be approval of their application.

Please list your comments regarding your project selection above (add additional pages if necessary):

Skills development
Job creation
Environment wellness

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	
Postal Address:	
Telephone:	N/A
Mobile:	
E-mail:	

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: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20500

Date: Wednesday May 10, 2023
Page No: 1

Interim Comment

In terms of Section of the National Heritage Resources Act (Act 25 of 1999)

Attention: Savannah Environmental (Pty) Ltd

PO Box 148
Sunninghill
2157

Transalloys (Pty) Ltd propose to develop the Transalloys Solar PV Facility and its associated electrical infrastructure adjacent to their smelter complex on Clewer Road 1034, Witbank in the Emalahleni Local Municipality. The project is located in the greater Nkangala District Municipality of Mpumalanga province approximately 34km west of Middleberg and 37km east of Bronkhorstspuit and within the REDZ9 in Emalahleni and the International Corridor. A technically suitable project site of ~235ha has been identified by Transalloys (Pty) Ltd for the establishment of the PV facility. The proposed facility will have a contracted capacity of up to 50MW and will include the following infrastructure: Solar PV array comprising PV modules and mounting structures (monofacial or bifacial and a single axis tracking system) Inverters and transformers Cabling between the project components On-site facility substation and power lines between the solar PV facility and the plant. Site offices, Security office, operations and control, and maintenance and storage laydown areas Access roads, internal distribution roads The PV facility is proposed in order to meet Transalloys' current electricity demands and future expansion requirements. The plant will be a captive generating plant whereby generated electricity will be fed directly into the smelter complex for direct consumption. The development of the power plant project would effectively mean that Transalloys would become independent of the Eskom electricity grid, thereby creating additional capacity within the Eskom grid for use by other electricity users.

Savannah Environmental (Pty) Ltd has been appointed by Transalloys (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed Tansalloys PV Energy Facility on portions 34 and 34 of the farm Elandsfontein 309JS and Portion 20 and 24 of the farm Schoongezicht 398JS, adjacent an existing smelter complex, near Middelburg, Mpumalanga Province.

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the construction of a solar array, inverters and onsite Transformers,

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: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20500

Date: Wednesday May 10, 2023
Page No: 2

cabling between the project components, underground 33KV power line, sites control buildings, operation and control buildings, maintenance and storage, lay down areas, access and internal roads with a development footprint of up to 67.9 ha.

CTS Heritage appointed to provide heritage specialist input into the EA process as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Lavin, J. 2022. Heritage Screener: Transalloys Photovoltaic (PV) Solar Energy Facility, Emalahleni Local Municipality, Nkangala District Municipality, Mpumalanga province, South Africa

The heritage screener draws on the results of several previously conducted assessments. The proposed development footprint is underlain by the Eccca Group sediments that may contain fossil plant remains. No in-situ fossils were identified as part of the site visit in 2014, however a loose rock containing *Glossopteris* leaf fragments was identified just outside of the current development area and left at the offices of Transalloys for safe keeping.

A total of four heritage resources were previously identified within the proposed development area. These include structures of low heritage significance. Three heritage resources were identified just outside of the proposed development area that include one burial ground and two initiation sites of high heritage significance.

Interim Comment

SAHRA requests that an updated development specific HIA that complies with section 38(3) of the NHRA be conducted for the proposed development. This must include heritage specific consultation with regards to the impacts to the initiation sites and burial grounds.

The applicant is advised to extend the EA process in terms of section 19(1)b of the NEMA EIA regulations in order to address this comment.

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

Yours faithfully

Transalloys Photovoltaic (PV) Solar Energy Facility, Emalahleni Local Municipality, Nkangala District Municipality, Mpumalanga

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

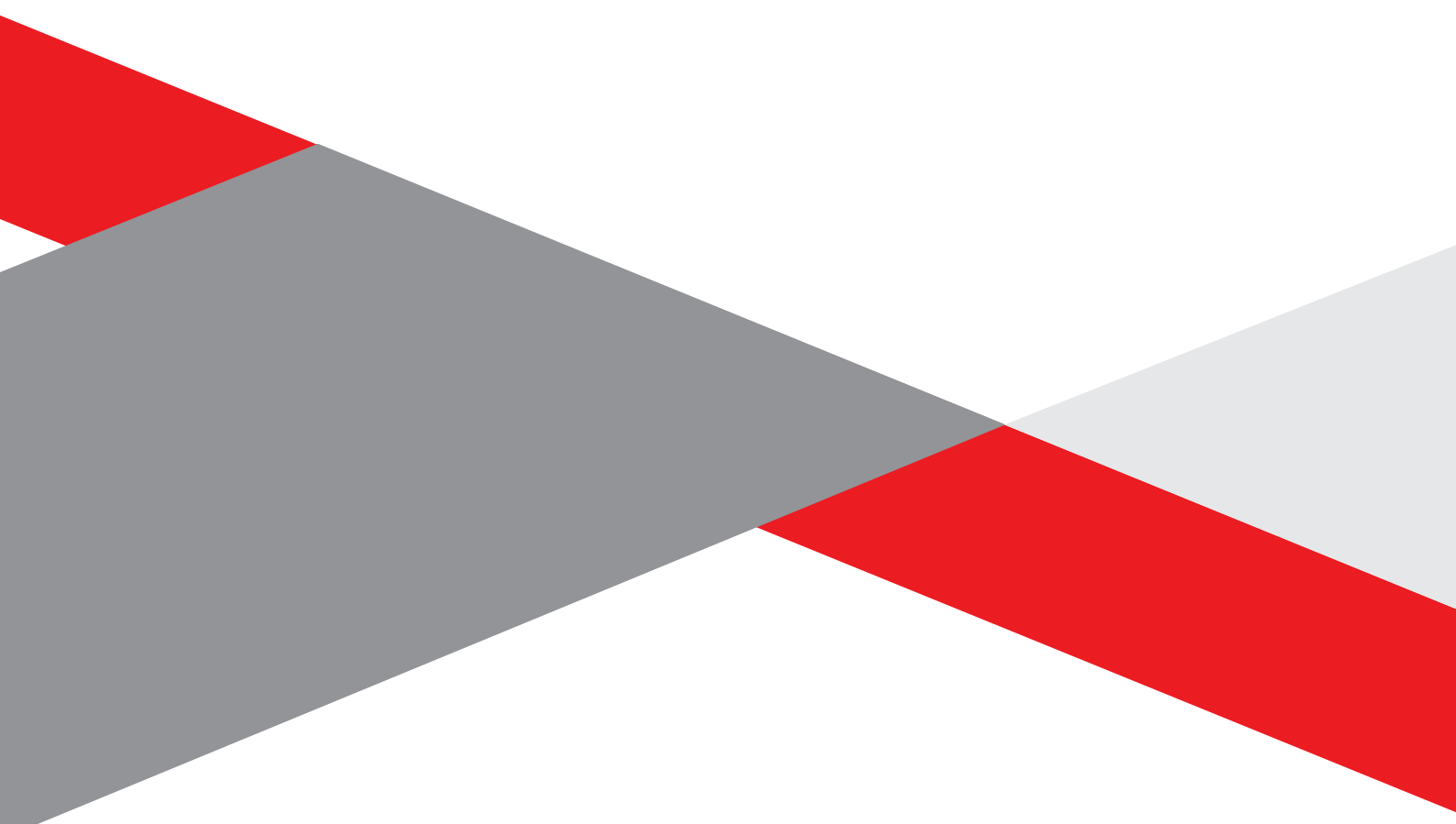
Enquiries: Natasha Higgitt
Tel: 021 202 8660
Email: nhiggitt@sahra.org.za
CaseID: 20500

Date: Wednesday May 10, 2023
Page No: 3

Natasha Higgitt
Manager: Development Applications Unit
South African Heritage Resources Agency

ADMIN:
Direct URL to case: <https://sahris.sahra.org.za/node/611841>

APPENDIX C7
MEETING NOTES



**ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESSES
FOR THE
PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR
PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED
INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL
MUNICIPALITY, MPUMALANGA**

**INTRODUCTION MEETING WITH WARD COUNCILLORS AND TRANSALLOYS
HELD ON WEDNESDAY, 08 MARCH 2023
VENUE: TRANSALLOYS OFFICE**

Notes for the Record prepared by:

Bregardia Rabbie

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

MEETING ATTENDEES

(Captured according to Organisation)

Name	Organisation	Position
Bheki Mndauze (BM)	Councillors committee	CDW Ward 9
Sizwe Mathebula (SM)		Cllr ward 17
Xolani Nkosi (XN)		Cllr ward 8
Christopher Sekgobela (CS)	Transalloys	HR Manager
Glen Shimusi (GS)		LED Practitioner
Ephraim Monyemoratho (EM)		
Candy Mahlangu (CM)	Savannah Environmental	Environmental Assessment Practitioner
Bregardia Rabbie (BR)		Public Participation & Social Consultant

WELCOME AND INTRODUCTION

Bregardia Rabbie welcomed the attendees at the meeting with cllrs for the Transalloys Solar PV Facility and Associated infrastructure. After introducing herself she requested that the project team introduce themselves to the stakeholders and thereafter requested the stakeholders to introduce themselves to the project team.

She presented the agenda and purpose of the meeting.

APOLOGIES

Apologies received for Cllr Annah Mtsweni (Ward 9).

PURPOSE OF THE MEETING

Bregardia Rabbie indicated the purpose of the meeting as indicated on the presentation and included the following:

- To provide stakeholders with an overview of the proposed project and present the summary of the key environmental findings
- To provide a summary of the draft basic assessment and Public Participation Process
- To provide stakeholders opportunity to comment and have input on the proposed project
- To obtain and record comments for inclusion in the final Basic Assessment reports to be submitted to MPARDLEA

PROJECT OVERVIEW

Candy Mahlangu presented the following:

- Project description for the proposed Transalloys Solar PV and Associated Infrastructure.
- Needs and desirability.
- the draft Basic Assessment phase and public participation process followed; and
- Environmental Sensitivities Identified.

The presentation is attached in **Appendix A**.

DISCUSSION SESSION

OTHER BUSINESS

Raised by	Question / Comment	Response
Xolani Nkosi	Which stage are we in now?	CM: We are in the commenting stage where we are reviewing the Basic Assessment that was submitted to the department to raise or discuss any concerns that might have been picked up. In Phase 1 we sent out notification to welcome comments and distributed the BIDs.
Ephraim Monyemoratho	The Social impact is assumed to be socio-economic?	CM: Yes, it is.
Ephraim Monyemoratho	Is there somewhere where you have listed the impacts in terms of significance or investigations are just once again highlighted?	CM: The significance is addressed in the Basic Assessment. The buffer lines indicate which areas we need to avoid.
Sizwe Mathebula	Why did you place and send notices before speaking to the councillors?	CM: The first notice was placed to introduce the project and identify affected parties. Thereafter we placed an advert and placed the notices to include the broader community to comment on the project.
Christopher Sekgobela	On the soil and Agricultural plot, there is a storm water management plan, is that an action that needs to be taken or are you proposing to take the action?	CM: Yes, it is an action that needs to be taken. As part of our Environmental Management Programme, it does explain what needs to be taken into consideration before we can start with development.
Christopher Sekgobela	Does the same go for grazing land? Because there are cattle that are grazing the area.	CM: Yes, that is included in the EMPr.
Glen Shimusi	Is it possible to translate the information as most of the surrounding communities do not understand or read English.	CM: That is fine, we will have a follow up meeting and have our documentation translated. We will

Raised by	Question / Comment	Response
		<p>arrange with Transalloys or the Councillors to distribute some of the translated BIDs to the rest of the community.</p>
Sizwe Mathebula	<p>Will you be needing any skilled people from the community?</p>	<p>CM: I am not sure which skills you are referring to.</p> <p>EM: There are a couple of issues that are raised here. I am glad you are including the traditional community in the progress. During the implementation of this project, the communities would like to be capacitated. These are relevant questions from the community in terms of the social economic impacts.</p>
Ephraim Monyemoratho	<p>What does the Social Impact Specialist say about the employment opportunities?</p>	<p>CM: The specialist report does mention that there will be some employment opportunities for low and high skills. You are welcome to look at the Social Impact report and raise your comments or recommendations on the report.</p>
Sizwe Mathebula	<p>Emalahleni is at level 3 of contributing to pollution. How will this project contribute to the pollution?</p>	<p>CM: There is no carbon emission in terms of the solar panels, however there will be impacts on the land.</p> <p>EM: If you compare the previous coal power plant with a project of this nature, you will realise that the impacts are different. It is interesting to see the impacts that the various specialist has conducted and what the outcome was. The biggest impact with a project of this nature, would be visual.</p>
Xolani Nkosi	<p>What we have realised locally on the storm water management plan is that there is currently no storm water management system in place. If you are going to implement the management plan, will it only affect the Transalloys area and not Clewer?</p>	<p>CM: We have noted the comment. However, this storm water management plan was created for the development area only.</p>
Bheki Mndauze	<p>Which piece of land will be used for the development of this project? Communities are using some of the land for grazing</p>	<p>CM: If we look at the sensitivity map, you will note that the red areas have been picked up as high agriculture potential. In terms of grazing, the applicant will decide which piece of land will then be used for grazing.</p>

Raised by	Question / Comment	Response
Glen Shimusi	Are the reports available for review?	CM: Yes, the reports are available. We have sent you the link to access the reports.
Ephraim Monyemoratho	We suggest you do Public Participation the traditional way and have the Background Information Document in the language spoken mostly in the communities which is Zulu.	BR: That is noted and will be arranged. We will also arrange for the BIDs to be available at some of the public points in the community i.e schools and community halls.

WAY FORWARD

Bregardia Rabbie reminded everyone present that the review period for the draft Basic Assessment Report will ended on 13 March 2023, and that we had been waiting for this meeting to receive the committee of Cllrs comments in order to update the comments and response report and then finalize the Basic Assessment Report. The final Basic Assessment report will be submitted to the MPARDLEA for Approval.

CLOSURE

Bregardia Rabbie adjourned the meeting at 12:10 am and thanked all the attendees for making time for this meeting.

LIST OF ABBREVIATIONS AND ACRONYMS

BA	Environmental Impact Assessment
CLLRS	Councillors
MPARDLEA	Mpumalanga Province Agriculture, Rural Development, Land and Environmental Affairs
ELM	Emalahleni Local Municipality

Molatela Ledwaba

From: Microsoft Outlook
To: velixoli@gmail.com; boweziko@gmail.com; bhekimndawe@webmail.co.za; Annahmtsweni03@gmail.com; mbonanifl@mpg.gov.za
Sent: Thursday, April 13, 2023 11:13 AM
Subject: Relayed: SE2700 - Public meeting with the Cllrs

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

[velixoli@gmail.com \(velixoli@gmail.com\)](mailto:velixoli@gmail.com)

[boweziko@gmail.com \(boweziko@gmail.com\)](mailto:boweziko@gmail.com)

[bhekimndawe@webmail.co.za \(bhekimndawe@webmail.co.za\)](mailto:bhekimndawe@webmail.co.za)

[Annahmtsweni03@gmail.com \(Annahmtsweni03@gmail.com\)](mailto:Annahmtsweni03@gmail.com)

[mbonanifl@mpg.gov.za \(mbonanifl@mpg.gov.za\)](mailto:mbonanifl@mpg.gov.za)

Subject: SE2700 - Public meeting with the Cllrs











SE2700 - Public
meeting with t...

Attendance Register
 PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE , WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA

PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE , WITHIN THE EMALAHLENI LOCAL MUNICIPALITY, MPUMALANGA

ATTENDANCE REGISTER

Name	Farm Name	Designation	Signature
BHEWU	MNSAURU	CDU WARD 09	
Annah	Mtshweni	cell ward 9	
MPOI JOSEPH	PISENG	WARD 09 (lea)	
CHRISTOPHER	SERENBELE	HR manager	
Clara	Ghimusi	LED Practitioner	
Sizwe	MaH-Luh	Cell Ward 17	
XOLANI	UKOSI	C11R WARD 08	
DOCTOR	MBYANE	SANCO WARD 08	

**ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESSES
FOR THE
PROPOSED DEVELOPMENT OF TRANSALLOYS SOLAR
PHOTOVOLTAIC (PV) ENERGY FACILITY AND ASSOCIATED
INFRASTRUCTURE, WITHIN THE EMALAHLENI LOCAL
MUNICIPALITY, MPUMALANGA**

**INTRODUCTION MEETING WITH WARD COUNCILLORS AND TRANSALLOYS
HELD ON MONDAY, 18 APRIL 2023
VENUE: TRANSALLOYS OFFICE**

Notes for the Record prepared by:

Molatela Ledwaba

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

MEETING ATTENDEES

(Captured according to Organisation)

Name	Organisation	Position
Bheki Mndauze (BM)	Councillors committee	CDW Ward 9
Anna Mtsweni (AM)		Cllr ward 9
Mpoi Joseph Pitseng (MJP)		Ward 9 LED
Sizwe Mathebula (SM)		Cllr ward 17
Xolani Nkosi (XN)		Cllr ward 8
Doctor Mabuyani (DM)		SANCO ward 8
Christopher Sekgobela (CS)	Transalloys	HR Manager
Glen Shimusi (GS)		LED Practitioner
Candy Mahlangu (CM)	Savannah Environmental	Environmental Assessment Practitioner
Molatela Ledwaba (ML)		Public Participation & Social Consultant

WELCOME AND INTRODUCTION

Molatela Ledwaba welcomed the attendees at the meeting with cllrs for the Transalloys Solar PV Facility and Associated infrastructure. After introducing herself she requested that the project team introduce themselves to the stakeholders and thereafter requested the stakeholders to introduce themselves to the project team.

She presented the agenda and purpose of the meeting.

APOLOGIES

No apologies were received.

PURPOSE OF THE MEETING

Molatela Ledwaba indicated the purpose of the meeting as indicated on the presentation and included the following:

- To provide stakeholders with an overview of the proposed project and present the summary of the key environmental findings
- To provide a summary of the draft basic assessment and Public Participation Process
- To provide stakeholders opportunity to comment and have input on the proposed project
- To obtain and record comments for inclusion in the final Basic Assessment reports to be submitted to MPARDLEA

PROJECT OVERVIEW

Candy Mahlangu presented the following:

- Project description for the proposed Transalloys Solar PV and Associated Infrastructure.
- Needs and desirability.
- the draft Basi Assessment phase and public participation process followed; and
- Environmental Sensitivities Identified.

The presentation is attached in **Appendix A**.

DISCUSSION SESSION

OTHER BUSINESS

Raised by	Question / Comment	Response
Anna Mtsweni	<p>I wanted to know whether you were going to blockade, and since we have animals, I also recommend that a sturdy barricade be put in place. Also, if possible, please put in cameras for security.</p> <p>Since there are few job prospects associated with this project, we do not need to call the communities for public participation meeting.</p> <p>We advise against using TLB during the construction phase so that manual labour can be used to dig trenches; doing so will increase job prospects.</p> <p>Traditional healers (Izinyanga/Sangomas) also practice in the area, so we ask that they be consulted before construction begins.</p>	<p>Noted</p> <p>CM: We have a heritage specialist study that suggests that the area be reserved if possible, and if not, that they communicate with Transalloys so that another site can be allocated. We also believe that community engagement is essential prior to the construction phase.</p>
Xolani Nkosi	In terms of recruiting, how will the CLO recruitment be carried out?	CS: The recruitment of a CLO will take place during construction; we are now in the application phase for environmental authorization, and we are unsure whether the department will grant it.
Mpoi Joseph Pitseng	We propose that Transalloys train our locals and build skills relevant to comparable solar projects so that our local people have expertise in projects similar to the proposed one.	CM: This was recommended in the Social Impact Assessment report.

Raised by	Question / Comment	Response
	When will the construction phase begin?	CM: This will be dependent on the decision of the competent authority, this usually takes about 57 days to decide whether they accept the application or reject, for now please provide us with the comments so that we may incorporate them when we submit the final report.
Sizwe Mathebula	<p>What is the current value of the project?</p> <p>We recommend that there be community engagement before any construction in the proposed development area, which has an initiation school that operates every winter.</p> <p>Additionally, we suggest Transalloys train locals so that moving forward, our communities will have members who are qualified to work on renewable energy projects.</p> <p>The proposed project should have transparency throughout the entire process.</p> <p>Other people should not lose their employment as a result of the new shift to renewable energy, particularly those who work in the coal industry.</p>	<p>CM: I do not have the value with me, but I will confirm that with the client and will send you via email.</p> <p>The heritage specialist report has some recommendations</p>

WAY FORWARD

Molatela Ledwaba reminded everyone present that the review period for the draft Basic Assessment Report ended on March 13, 2023, and that we had been waiting for this meeting to receive the committee of Cllrs comments in order to update the comments and response report and then finalize the Basic Assessment Report. The final Basic Assessment report will be submitted to the MPARDLEA for Approval.

CLOSURE

Molatela Ledwaba adjourned the meeting at 11:49 am and thanked all the attendees for making time for this meeting.

LIST OF ABBREVIATIONS AND ACRONYMS

BA	Environmental Impact Assessment
CLLRS	Councillors
MPARDLEA	Mpumalanga Province Agriculture, Rural Development, Land and Environmental Affairs
ELM	Emalahleni Local Municipality

APPENDIX C8
COMMENTS & RESPONSES REPORT



TRANSALLOYS SOLAR PV MPUMALANGA PROVINCE (MPARDLEA Ref.no.: 1/3/1/16/1N-356) COMMENTS AND RESPONSES REPORT

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The Basic Assessment process in support of the Transalloys Solar PV Energy Facility application for Environmental Authorisation was announced on Friday, February 2023. The Background Information Document (BID), distributed on Friday, 18 November January 2022, served to invite Interested and Affected Parties (I&APs) to register their interest in the project and to submit any comments/queries regarding the proposed project. A notification letter accompanied the BID, announced the availability of the Draft Basic Assessment Report for review and comment. All written comments received from the commencement of the Scoping phase to date have been included in this Comments and Responses Report (C&RR).

The Draft Basic Assessment Report (BAR) was made available for a 30-day review and comment period from **Friday, 10 February 2023** to **Monday, 13 March 2023**. The C&RR has been updated with comments received during the review and comment period and is included in **Appendix C8** of the final BAR. Written comments are included in **Appendix C6** of the final BAR.

NOTE:
In terms of Regulation 44(1) of the EIA Regulations 2014, as amended, comments raised, and responses provided at the various consultation meetings held during the 30-day review period of the draft BAR are attached as **Appendix C7** of the final BAR.

LIST OF ABBREVIATIONS / ACRONYMSI See

BAR	Basic Assessment Report	DWS	Department of Water and Sanitation
MPARDLEA	Mpumalanga Province Agriculture, Rural Development, Land and Environmental Affairs	TA	Transalloys

1. COMMENTS RECEIVED DURING DRAFT BASIC ASSESSMENT REPORT 30-DAY REVIEW PERIOD

1.1. Organs of State

NO.	COMMENT	RAISED BY	RESPONSE
1.	The final BAR must provide proof that all potential and registered I & AP's, including the Organ of State, were provided with access to an opportunity to comment on the draft BAR following submission of the application form (Regulation 40(3)).	Dineo Tswai Deputy Director Environmental Impact. Mpumalanga Province Agriculture, Rural Development, Land and Environmental Affairs Letter: 24 February 2023	Communication with the potential and registered I&AP's including the Organs of State has been included in Appendix C of the Final BAR.
	<u>The final basic assessment report includes an issues and response report, as well as copies of and responses to comments received from all I&APs, including these comments</u>		Refer to Appendix C for all the communication received.
	The final BAR must also include all the specialist studies indicated within the draft BAR.		The final BAR includes all specialist studies that were included in the Draft.
	Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorization being granted by the department.		The applicant has been informed and is aware that the activity may not commence prior to an environmental authorization being granted.
2.	The Applicant shall conduct a preliminary legal assessment to identify all the water use activities associated with the proposed project that will require authorization by the DWS and applicant is hereby referred to Section 22(1) of the National Water Act, 1998 (Act No.36 of 1998).	Ms S Moodley Acting Provincial Head: Mpumalanga Department of Water and Sanitation Letter: 13 March 2023	Section 21 (1) water uses associated with the project identified and are outlined within the BAR. Based on the low - moderate risks associated with the project as concluded by the aquatic assessment, a General Authorisation (GA), will be required and is applicable to the project. An application to register the GA will be made to the Department, in case a positive decision on the Environmental Authorisation (EA) is reached.
	Other water use related activities associated with this project that are not permissible as indicated on Section 22(1) of the National Water Act, 1998 (Act No. 36 of 1998) shall have to be authorized by the DWS prior to such water use activities taking place and the applicant is requested to liaise with the DWS for guidance on the requirements for such authorization.		Application for all relevant water uses will be made as per GN 509 of 2016, General Authorisation in terms of Section 39 of the National Water Act. No additional Section 21(1) water uses, other than the GA will be required for the project.

NO.	COMMENT	RAISED BY	RESPONSE
	<p>Flood -lines: The map of the location of the proposed operation showing the 1:100 year flood-line in terms of section 144 of the National Water Act, 1998 (Act No.36 of 1998) shall be submitted to the DWS. The applicant shall note that no activities should occur within 100m or within the 1:100 year flood-line without authorization.</p> <p>Stormwater Management: The applicant should ensure that adequate stormwater control and management must be practiced ensuring that contaminants are not introduced into water resources during the developmental and operational phases of the proposed project. Stormwater management should be in line with Government Notice 704 of 04 June 1999 (GN 704) Regulation.</p> <p>Water Used: if there is any activity that will involve river crossing or within 500m of the regulated area (Wetland), the applicant should submit section 21(c) and (i) forms together with supplementary forms to the Department. A wetland study should be conducted.</p> <p>The Applicant is requested to provide the department with the source of water for domestic usage, and it should be recorded in the site environmental file. The applicant should also submit an agreement between themselves and the service provider for the supply of potable water. The applicant should note that the use of water that could possible trigger section 21 (a) of the National water Act, (Act No.36 of 1998) shall have to be authorized by the DWS prior to such water use activities. Forms and supplementary forms should be submitted to the department.</p>		<p>Refer to Appendix O of the final BAR for the revised map indicating the floodlines. No activities will occur within 100m or within the 1:100-year flood-line without the Department's authorization. The earmarked development, activities and the entire footprint is 100m away from the water courses and the 1:100 year floodline as depicted in Annexure O of the BAR.</p> <p>Refer to Appendix F of the EMPr included as Appendix K of the final BAR for the Storm Water and Erosion Management Plan.</p> <p>The proposed development will have no river crossings. Development will however occur within 500m of a wetland. Based on the low - moderate risks associated with the project as concluded by the aquatic assessment, a General Authorisation (GA) is applicable to the project. An application to register the GA will be made to the Department once the Environmental Authorisation has been issued.</p> <p>The proposed development will be using existing water from the Transalloys smelting plant. Water is sourced directly from the eMalahleni Local Municipality, in particular, from the Witbank Dam. Transalloys and pay for the water consumption thereof, hence there is no written agreement between the Municipality and Transalloys. Only 10 litres of water per kWp will be required/used to clean the modules. Thus, for 52777kWp, size of Transalloys, you will require an estimated $10 \times 52777 = 527770$ litres (527 kL) of water for a single cleaning. TA consumes 36000kL per month in average. Even if we do washing every week, it means TA needs in addition not more than 2500 kL. Looks feasible. An invoice from Emalahleni Local Municipality is attached to this CRR as Appendix 1</p>

NO.	COMMENT	RAISED BY	RESPONSE
	<p>Storage of oil, diesel, hydraulic fluid, and fluids and grease: It is recommended that the storage areas of these fluids be bounded with cement and in such a manner that any spillages can be contained and reclaimed without causing any pollution to the ground and surface water resources.</p> <p>Sanitation: The applicant shall ensure that no sanitary system is located within the horizontal distance of 100 meters from the watercourses. Therefore, reasonable measures shall have to be taken to prevent the potential pollution of the ground and surface water resources due to the proposed onsite sanitation facilities.</p> <p>Public Participation: The applicant should note that this is one of the critical requirements when processing a water use authorisation application and it must be done as per "regulations regarding Procedural requirements of Water Use Licence Application and Appeals".</p> <p>Pollution: The applicant is referred to Section 19 (1) of the National Water Act, 1998 Act No.36 of 1998), and to report any pollution incidents originated from the proposed project to Provincial Office of DWS within 24 hours.</p> <p>The Applicant shall provide clarity on the above-mentioned issues of concern prior to any recommendations from the DWS</p>		<p>This comment is acknowledged and is included in the EMPr for the project (Appendix xx of the final BAR) as a mitigation measure.</p> <p>Existing sanitation services associated with the Transalloys smelter plant will be used. No additional sanitation facilities will be required for the project.</p> <p>This comment is noted. Appropriate public participation will be undertaken as part of the Water Use Application process.</p> <p>This comment is noted and is included in the EMPr for the project (Appendix K of the final BAR) as a management action and will form part of the Emergency Preparedness and Plan for the site.</p>
3.	<p>I would like to see the project constructed in our area so that our communities get employment and opportunities.</p> <p>This project is needed in our community to uplift the people in our area. We also request that the developer notifies us prior to the construction. We require</p>	<p>Doctor Mbuyane Ward 08 Emalahleni SANCO</p>	<p>The support for the project is acknowledged. Once an Environmental Authorisation has been issued the registered I&APs will be notify of the Department's decision.</p>

NO.	COMMENT	RAISED BY	RESPONSE
	transparency, Lastly the project will bring skill development.		
4.	<p>Can a barrication not be done before approval as is going to raise hopes of the communities.</p> <p>Can it be approved as both Transalloys and the communities will be benefiting.</p> <p>Skills will be transferred, and electricity will be saved.</p>	Anna J Motsweni Ward 9 Councillor	<p>Fencing around the site will not take place until the Environmental Authorisation is issued.</p> <p>The support for the project is acknowledged. The comment is noted, and no further action is required.</p>
5.	<p>We request that the process be transparent, and our communities should be a priority.</p> <p>I would like the proposed project to be approved as it will transfer skills to the local communities.</p>	Sizwe Mathebula Ward 17 Councillor	The support for the project is acknowledged. These comments are noted, and no further action is required.
6.	<p>We hope that the project will be approved as it will create more job opportunities, skills development and environmental wellness.</p> <p>As a councilor support Transalloys for this application to be approved</p>	Xolani Arnold Nkosi Ward 8 councillor	The support for the project is acknowledged. These comments are noted, and no further action is required.

1.2. Interested and Affected Parties

NO.	COMMENT	RAISED BY	RESPONSE
1.	After reviewing the draft BAR, I only have one comment. There is annual cultural initiation taking place on the adjacent land. I did not pick up in the draft BAR that the impacts associated with the PV development were considered on these schools. Is that something that needs to be considered?	Thia Oberholzer Highveld industrial park Email: 4 April 2023	It is important that the ongoing cultural practices that take place at these sites are retained and provided for in the proposed development. The cultural initiation sites are located within the wetland buffer areas and outside the development footprint. Therefore, the proposed development will not impact on the cultural activities and the initiation and cultural activities will be considered throughout all the project phases.
1.	SAHRA requests that an updated development specific HIA that complies with section 38(3) of the NHRA be conducted for the proposed development. This must include heritage specific consultation with regards to the impacts to the initiation sites and burial grounds.	Natasha Higgitt Manager: Development Applications Unit South African Heritage Resources Agency	This comment is noted, The Heritage Impact Assessment Report has been included in the revised Draft Basic Assessment Report.
2.	The applicant is advised to extend the EA process in terms of section 19(1)b of the NEMA EIA regulations in order to address this comment. Should you have any further queries, please contact the designated official using the case number quoted above in the case header.		This comment is noted, the public participation process has been extended.

APPENDIX 1

AGREEMENT



Emalahleni Local Municipality

PO Box 3 eMalahleni 1035

TEL: 013 690 6911

FAX: 013 690 6207

VAT No.:4000142457

Office Hours Mon to Thur 07:30 to 16:30 Friday 07:30 to 13:30

KWAGUQA Tel: (013) 698-0262

Fax: (013) 690-6207

Payment Hours Mon to Thur 07:30 to 15:30 Friday 07:30 to 12:30

OGIES Tel: (013) 643-1027

Fax: (013) 643-2039

TAX INVOICE/STATEMENT OF ACCOUNT

Account Number: 0002534754
Consumer Name: TRANSALLOYS PTY LTD
Postal Address: P O BOX 856
WITBANK

Account Date: 24 APR 2023
Tax Invoice No.: 0002534754202304
Vat Registration No.: 0
ERF Description: 93500 000000308 000020 0000
Suburb:
Market Value: 1,200,000.00
Street: SCHOONGEZICHT 308 JS; GED20
Land Area: 1468561.0000
Deposit: 814,096.00

Postal Code: 1035

Internet PIN: 951730760

METER READINGS

METER NO.	METER TYPE	OLD READING	NEW READING	READING DATE	READING TYPE	CONSUMPTION
0000SN210803838	WATER	203186.000	235749.000	11/04/2023	I	32563.000

ACCOUNT DETAILS

DATE	CODE	DESCRIPTION	UNITS	TARIFF	VALUE
		Opening Balance			597,939.80
06/04/2023	008888	PAYMENT	.000		597,939.80-
24/04/2023	00W007	WATER	32563.000		747,646.48 *
24/04/2023	00T017	RATES			206.05
	009008	VAT			112,146.97

120+ DAYS	90 DAYS	60 DAYS	30 DAYS	CURRENT	CLOSING BALANCE
0.00	0.00	0.00	0.00	859,999.50	859,999.50

REMITTANCE ADVICE

ACCOUNT NUMBER: 0002534754
CONSUMER NAME: TRANSALLOYS PTY LTD
TOTAL DUE: 859,999.50
TOTAL DUE ON OR BEFORE: 07/05/2023

BANKING DETAILS

BANK NAME: ABSA
ACCOUNT NAME: Emalahleni Local Municipality
ACCOUNT NUMBER: 1360000091
BRANCH CODE: 632005
REFERENCE: 0002534754



>>>>> 91 1810 0025 3475 40



11959 0000 0253 4754



0002534754