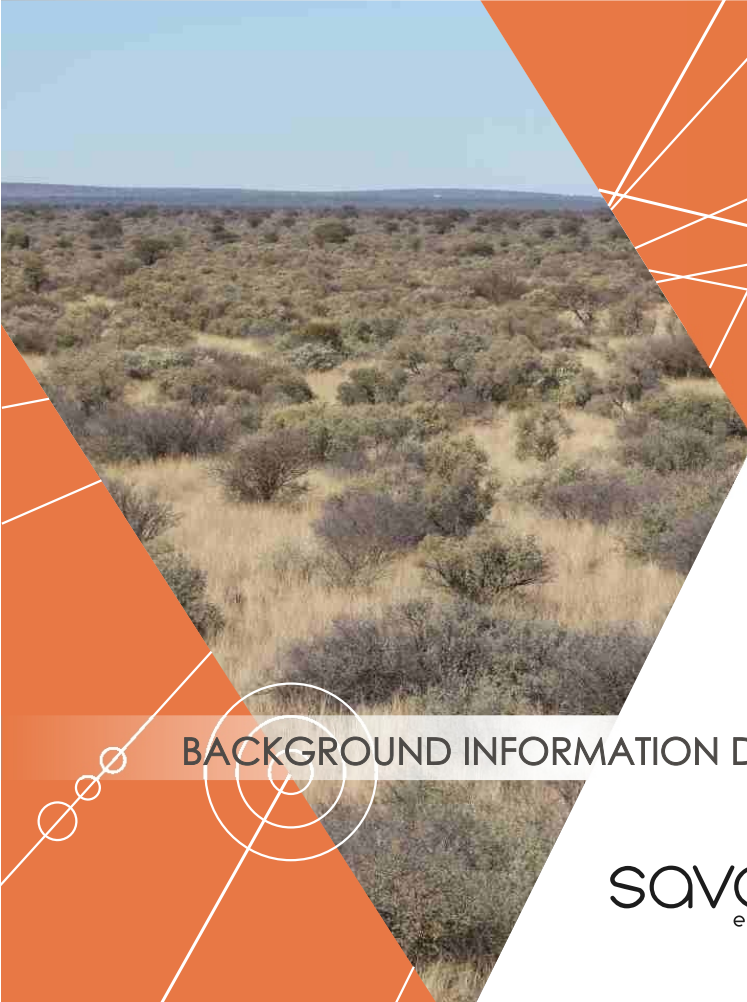


SEPTEMBER 2018

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

HYPERION SOLAR PV DEVELOPMENTS AND  
ASSOCIATED INFRASTRUCTURE,  
NORTHERN CAPE PROVINCE



BACKGROUND INFORMATION DOCUMENT

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environmental



The development of four (4) separate photovoltaic (PV) solar energy facilities (SEFs) as well as associated infrastructure are being proposed on the Remaining Extent of the Farm Lyndoch 432 situated ~16km north of Kathu in the Northern Cape Province. The proposed solar energy facilities fall within the jurisdiction of the Gamagara Local Municipality and within the greater John Taolo Gaetsewe District Municipality. These facilities will be called:

- » Hyperion Solar Development 1
- » Hyperion Solar Development 2
- » Hyperion Solar Development 3
- » Hyperion Solar Development 4

Each of the four (4) SEFs will be constructed as separate stand-alone projects, with a separate project development company (or Special Purpose Vehicle (SPV)) as the applicant for each project. The projects are detailed below:

Applicant:	Project Name:	Contracted Capacity:
Hyperion Solar Development 1 (Pty) Ltd	Hyperion Solar Development 1	75MW
Cyraguard (Pty) Ltd	Hyperion Solar Development 2	75MW
Nomispark (Pty) Ltd	Hyperion Solar Development 3	75MW
Nomispan (Pty) Ltd	Hyperion Solar Development 4	75MW

It is the developer's intention to bid each solar energy facility under the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar energy facility will be sold to Eskom and will feed into the national electricity grid. The development of the facilities will also assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP).

## 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 solar energy facilities and associated infrastructure.
- » an overview of the Environmental Impact Assessment (EIA) process and specialist studies being undertaken to assess the Hyperion Solar PV Developments.
- » details of how you can become involved in the EIA process, receive information, or raise issues, which may concern and/or interest you.

## OVERVIEW OF THE PROPOSED HYPERION SOLAR PV DEVELOPMENTS

In response to the growing electricity demand within South Africa, the need to promote renewable energy and sustainability within the Northern Cape Province, as well as the country's targets for renewable energy, the development of four (4) 75MW PV SEFs and

associated infrastructure is planned on the Remaining Extent of the Farm Lyndoch 432 in the Northern Cape Province.

Each facility is proposed to include multiple arrays (static and tracking) of PV solar panels with a contracted capacity of up to 75MW. The development footprint for each facility is anticipated to be approximately 180ha in extent.

Infrastructure associated with each solar energy facility will include:

- » Arrays of PV panels (static and tracking PV system) with a contracted capacity of up to 75MW.
- » Mounting structures to support the PV panels.
- » Cabling between the project components, to be laid underground where practical.
- » On-site inverters to convert the power from a direct current to an alternating current.
- » An on-site substation to facilitate the connection between the solar energy facility and the Eskom electricity grid.
- » A new 132kV overhead power line (OPHL) between the on-site substation and the existing Ferrum Substation<sup>1</sup>.
- » Battery storage mechanism with a storage capacity of up to 300MWh.
- » Water purification plant.
- » Site Offices and Maintenance Buildings, including workshop areas for maintenance and storage.
- » Batching plant.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The applicant is also proposing the following:

- » Alternative 1 - Upgrade approximately 3,6km of the T26 gravel road between the project site and the N14; or
- » Alternative 2 - The construction of a new access road and the formalisation of an informal access road between the project site and the T25 gravel road, approximately 5km in length.

Site-specific social and environmental specialist assessments will be undertaken in order to delineate areas of potential sensitivity within the Remaining Extent of the Farm Lyndoch 432. The specialist studies will identify the position of and assess the localised impact of each proposed solar energy facility. Once constraining factors have been determined, the layout for each solar energy facility can be planned to minimise any potential social and environmental impacts.

<sup>1</sup> The construction of the 132kV overhead power line will be assessed as part of a separate Basic Assessment process which will consider feasible alternatives for the power line route.



## USE OF SOLAR PV TECHNOLOGY AS THE RENEWABLE ENERGY TECHNOLOGY FOR THE HYPERION SOLAR PV DEVELOPMENTS

Solar energy facilities, such as those using PV panels, 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, thereby placing the electrons into a higher state of energy to create electricity. The solar energy facility will comprise of the following components (refer to **Figure 1**):



**Figure 1:** Solar PV facility (Courtesy of Building Energy South Africa (Pty) Ltd)

### The Photovoltaic Cell

Individual PV cells are linked and placed behind a protective glass sheet to form a photovoltaic panel.

### The Inverter

The photovoltaic effect produces electricity in direct current (DC). Therefore, an inverter is required to change it to an alternating current (AC).

### The Support Structure

The PV panels will be attached to a support structure up to 5m off the ground set at an angle so to receive the maximum amount of solar radiation (fixed technology), or set to track the sun (tracking technology) in order to increase the amount of energy produced.

### The Battery Storage mechanism

The battery storage mechanism is used for grid-storage and assisting to stabilise the electrical grid by levelling out peak loads.

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

## ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

As per the EIA Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the SPVs for each solar energy facility will require Environmental Authorisation (EA) from the National Department of Environmental Affairs (DEA) (in consultation with Northern Cape Department of Environment and Nature Conservation (NC DENC)) for the undertaking of the Hyperion Solar PV Developments. In terms of sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with the EIA Regulations, 2014, as amended (GNR 324 - 327), a Scoping and EIA process is required for the development of each solar energy facility. In order to obtain environmental authorisation, comprehensive and independent social and environmental studies must be undertaken in accordance with the EIA Regulations, 2014, as amended.

An EIA is an effective planning and decision-making tool. It allows the environmental consequences resulting from a technical facility during its construction and operation to be identified and appropriately managed. It provides the opportunity for the developer to be fore-warned of potential environmental issues and allows for the resolution of the issue(s) reported on in the EIA report, as well as opening a dialogue with affected parties.

**Savannah Environmental** has been appointed as the independent environmental assessment practitioner (EAP) to undertake the required Scoping and EIA process, in order to identify and assess all potential environmental impacts associated with the Hyperion Solar PV Developments, and recommend appropriate mitigation measures in an Environmental Management Programme (EMPr). As part of these environmental studies, I&APs will be actively involved through the public participation process being undertaken by **Savannah Environmental**.

## WHAT ARE THE POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE HYPERION SOLAR PV DEVELOPMENTS?

A number of potential environmental impacts associated with each solar energy facility have been identified, and will be assessed through specialist studies, including:

- » Impacts on biodiversity – which includes ecology, freshwater ecology, fauna and flora.
- » Impacts on avifauna.
- » Impacts on soils and agricultural potential.
- » Impacts on heritage – including the archaeology and palaeontology.
- » Impacts on the social and socio-economic environment.
- » Impacts on the visual quality of the area.



The independent specialist studies will be undertaken in two phases:

1. A Scoping phase study, wherein potential issues associated with each solar energy facility are identified and evaluated, and those issues requiring further investigation through the EIA phase are highlighted.
2. A detailed EIA phase assessment and ground-truthing of the potentially significant impacts identified in the Scoping Phase. Practical and achievable mitigation measures will be recommended in order to minimise the significance of the potential impacts identified. These recommendations will be included within an Environmental Management Programme (EMPr).

The specialist studies will be informed by existing information, field observations and input from the public participation process. As an I&AP, your input is considered as an important part of the process, and we urge your involvement.

## PUBLIC PARTICIPATION PROCESS

The sharing of information forms the basis of the public participation process and offers you the opportunity to become actively involved in the EIA from the outset. Comments and inputs from I&APs during the EIA process are encouraged in order to ensure that all potential impacts are considered within the ambit of the study.

The public involvement process aims to ensure that:

- » Information containing all relevant facts in respect of the applications are made available to I&APs for review.
- » Participation by potential I&APs is facilitated in such a manner that I&APs are provided with a reasonable opportunity to comment on the applications.
- » Adequate review period is provided for I&APs to comment on the findings of the Scoping and EIA reports.

## YOUR RESPONSIBILITIES AS AN I&AP

In terms of Section 24J of the National Environmental Management Act, Act 107 of 1998 and the Department of Environmental Affairs Public Participation Guideline 2017, as part of the EIA process, an I&AP has the responsibility to:

- » Provide comment regarding the solar energy facilities within the specified timeframes;
- » Submit written comment directly to the EAP;
- » Disclose any direct business, financial, personal or other interest which that I&AP may have in the approval or refusal of the applications.

## HOW TO BECOME INVOLVED

1. By responding (by phone, fax or email) to our invitation for your involvement which has been advertised in local newspapers.
2. By returning the attached Reply Form to the relevant contact person.
3. By attending the meetings to be held during the course of the EIA process.
4. By contacting the consultants with queries or comments.
5. By reviewing and commenting on the Scoping and EIA reports within the stipulated 30-day review periods.

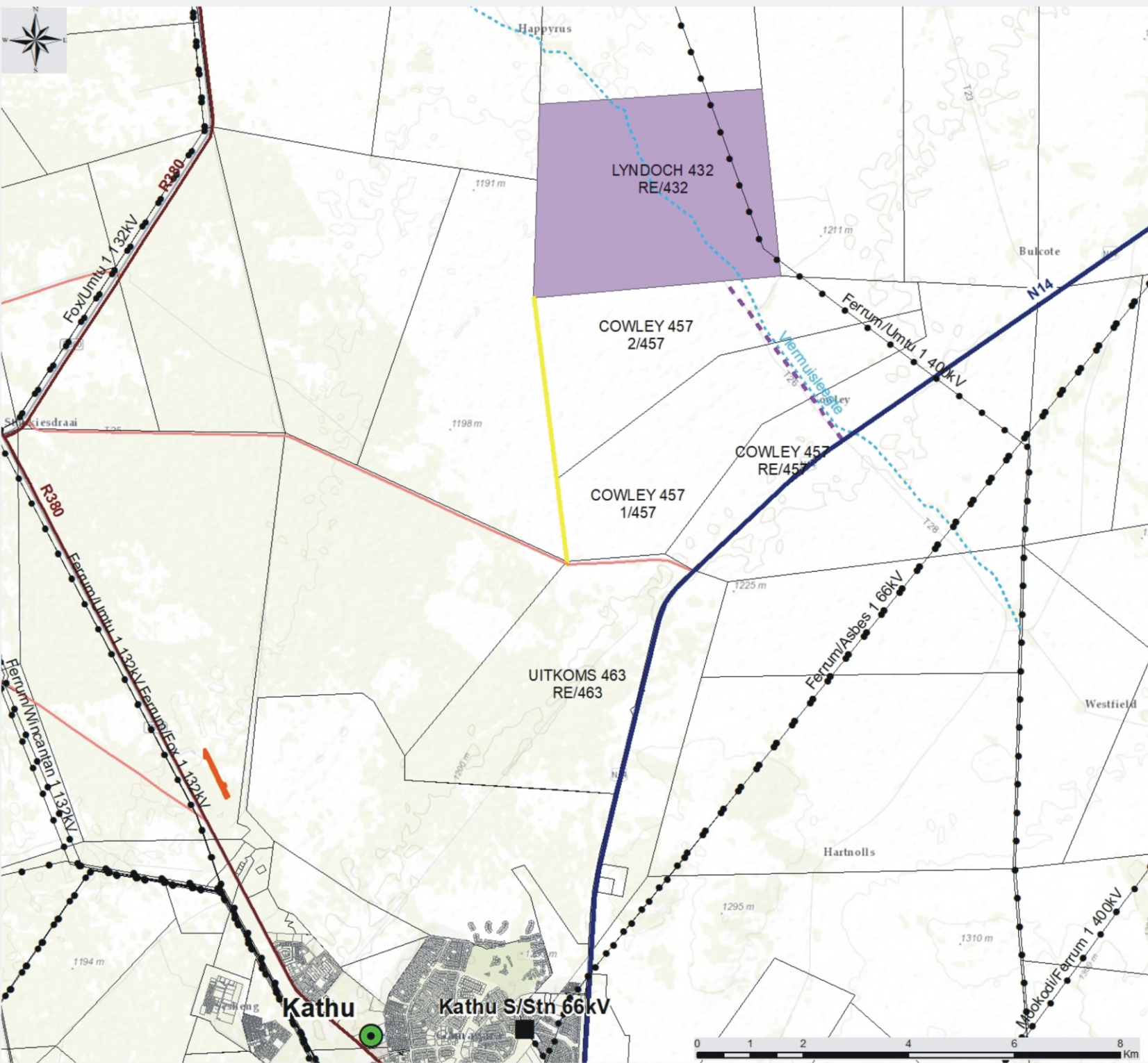
If you consider yourself an I&AP for the Hyperion Solar PV Developments, we urge you to make use of the opportunities created by the public participation process to provide comment or raise those issues and concerns which affect and/or interest you, and about which you would like more information. Your input into this process forms a key element of the EIA process.

## COMMENTS AND QUERIES

**Direct all comments, queries or responses to:**

**Savannah Environmental**  
**PO Box 148, Sunninghill, Johannesburg, 2157**  
**Phone: 011 656 3237**  
**Fax: 086 684 0547**  
**E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)**

**To view project documentation, visit**  
**[www.savannahSA.com](http://www.savannahSA.com)**



# Hyperion Solar PV Developments near Kathu, Northern Cape

Locality Map

## Legend

- Town
- Eskom Substation
- Existing Power Line
- National Route
- Regional Road
- Main Road
- Non-perennial River
- Access Road Alternative 1
- Access Road Alternative 2
- Sishen Airport
- Project Site
- Farm Portion



Scale: 1:101 296  
 Projection: LQ23  
 Ref: Hyperion Combined Locality Map\_18.07.18



SEPTEMBER 2018

OMGEWINGSIMPAKEVALUERINGSPROSES

HYPERION FV-SONKRAGONTWIKKELINGS EN  
GEPAAARDGAANDE INFRASTRUKTUUR,  
NOORD-KAAPPROVINSIE



AGTERGRONDINLICHTINGSDOKUMENT

savannah  
environmental



Die ontwikkeling van vier (4) aparte fotovoltaïese (FV) sonkragaanlegte (SEF's) asook gepaardgaande infrastruktuur word beoog op die Restant van die plaas Lyndoch 432 wat ~16 km noord van Kathu in die Noord-Kaapprovinsie geleë is. Die beoogde sonkragaanlegte val in die regsgebied van die Gamagara Plaaslike Munisipaliteit en in die John Taolo Gaetsewe Distriksmunisipaliteit en omstreke. Hierdie aanlegte sal soos volg bekendstaan:

- » Hyperion Sonkragontwikkeling 1
- » Hyperion Sonkragontwikkeling 2
- » Hyperion Sonkragontwikkeling 3
- » Hyperion Sonkragontwikkeling 4

Elk van die vier (4) SEF's sal as aparte, losstaande projekte met 'n aparte projekontwikkelingsmaatskappy (of Spesialedoelmedium (SDM)) as die applikant vir elk van die projekte opgerig word. Die projekte word hieronder uiteengesit:

Applikant:	Projeknaam:	Gekontrakteerde Vermoë:
Hyperion Solar Development 1 (Edms.) Bpk.	Hyperion Sonkragontwikkeling 1	75MW
Cyraguard (Edms.) Bpk.	Hyperion Sonkragontwikkeling 2	75MW
Nomispark (Edms.) Bpk.	Hyperion Sonkragontwikkeling 3	75MW
Nomispan (Edms.) Bpk.	Hyperion Sonkragontwikkeling 4	75MW

Die ontwikkelaar is van voorneme om elke sonkragaanleg aan te bied ingevolge die Departement van Energie (DE) se Verkrygingsprogram vir Onafhanklike Hernubare Kragprodusente (REIPPP). Die krag wat by elk van die sonkragaanlegte opgewek sal word, sal aan Eskom verkoop en by die nasionale kragnet ingevoer word. Die ontwikkeling van die aanlegte sal ook help om die elektrisiteitsdoelwitte te verwesenlik soos uiteengesit in die Geïntegreerde Hulpbronplan (IRP).

## DOEL VAN HIERDIE AGTERGRONDINLICHTINGS-DOKUMENT

Hierdie dokument poog om u, as 'n belangstellende en/of geaffekteerde party (B&GP), te voorsien van:

- » 'n oorsig van die beoogde sonkragaanlegte en gepaardgaande infrastruktuur;
- » 'n oorsig van die Omgewingsimpakevalueringsproses (OIE) en spesialisstudies wat onderneem word om die Hyperion FV-sonkragontwikkelings te evalueer;
- » besonderhede van hoe u by die OIE-proses betrokke kan raak, inligting kan ontvang of vraagstukke kan opper wat u dalk kan raak en/of vir u van belang kan wees.

## OORSIG VAN DIE BEOOGDE HYPERION FV-SONKRAGONTWIKKELINGS

In antwoord op die groeiende vraag na elektrisiteit in Suid-Afrika, die behoefte om hernubare

krag en volhoubaarheid in die Noord-Kaapprovinsie, asook die land se teikens vir hernubare energie, te bevorder, word die ontwikkeling van vier (4) 75 MW FV SEF's en gepaardgaande infrastruktuur beplan op die Restant van die plaas Lyndoch 432 in die Noord-Kaapprovinsie.

Die voorstel is dat elke aanleg oor verskeie reekse (stilstaande en naspoorder) FV-sonpanele met 'n gekontrakteerde vermoë van hoogstens 75 MW sal beskik. Na verwagting sal elk van die aanlegte 'n ontwikkelingsvoetspoor van sowat 180 ha beslaan.

Infrastruktuur wat met elk van die sonkragaanlegte gepaardgaan, sal insluit:

- » reekse FV-panele (stilstaande en naspoorder FV-stelsel) met 'n gekontrakteerde vermoë van hoogstens 75 MW;
- » monteerstrukture om die FV-panele te dra;
- » kables tussen die projekkomponente, ondergronds gelê waar prakties moontlik;
- » interne wisselrigters om die krag van 'n gelykstroom om te sit in 'n wisselstroom;
- » 'n interne substasie om die konneksie tussen die sonkragaanleg en Eskom se kragnet te bewerkstellig;
- » 'n nuwe 132 kV oorhoofse kraglyn (OPHL) tussen die interne substasie en die bestaande Ferrum Substasie<sup>1</sup>.
- » 'n akkumulatormeganisme met 'n ladingspotensiaal van hoogstens 300 MWh;
- » 'n watersuiweringsaanleg;
- » terreinkantore en instandhoudingsgeboue, wat werkswinkelgebiede vir instandhouding en berging insluit;
- » 'n lotaanleg;
- » tydelike opslagwerwe; en
- » interne toegangspaaie en 'n heining om die ontwikkelingsgebied.

Die applikant beoog ook die volgende:

- » Alternatief 1 - opgradering van sowat 3,6 km van die T26-gruispad tussen die projekterrein en die N14; of
- » Alternatief 2 - die konstruksie van 'n nuwe toegangspad en die formalisering van 'n informele toegangspad ongeveer 5km in lengte, tussen die projekterrein en die T25-gruispad.

Terreinspesifieke maatskaplike en omgewingspesialisevaluerings sal onderneem word ten einde gebiede van potensiële sensitiwiteit in die Restant van die plaas Lyndoch 432 af te baken. Die spesialisstudies sal die posisie van die gelokaliseerde impak van elke beoogde sonkragaanleg identifiseer en evalueer. Sodra beperkende faktore bepaal is, kan die uitleg vir elk van die sonkragaanlegte beplan word om enige potensiële maatskaplike en omgewingsimpakte te minimaliseer.

<sup>1</sup> Die oprigting van die 132 kV oorhoofse kraglyn sal as deel van 'n aparte Basiese Evalueeringsproses geëvalueer word, wat oorweging sal skenk aan uitvoerbare alternatiewe vir die kraglynroete.



## BENUTTING VAN FV-SONKRAGTEGNOLOGIE AS DIE HERNUBARE KRAGTEGNOLOGIE VIR DIE HYPERION FV-SONKRAGONTWIKKELINGS

Sonkragaanlegte, soos dié wat van FV-paneel gebruik maak, benut die son se energie om elektrisiteit op te wek deur 'n proses wat as die **Fotovoltaïese Effek** bekendstaan. Hierdie effek verwys na ligfotone wat met elektrone bots, wat die elektrone gevolglik in 'n hoër staat van energie plaas om elektrisiteit voort te bring. Die sonkragaanleg sal uit die volgende komponente bestaan (sien **Figuur 1**):



**Figuur 1:** FV-sonkragaanleg (met vergunning deur Building Energy South Africa (Edms.) Bpk.)

### Die Fotovoltaïese Sel

Individuele FV-selle word verbind en agter 'n beskermende glaspaneel geplaas om 'n fotovoltaïese paneel te vorm.

### Die Wisselrigter

Die fotovoltaïese effek wek elektrisiteit in gelykstroom (GS) op, met die gevolg dat 'n wisselrigter benodig word om dit in wisselstroom (WS) om te sit.

### Die Steunstruktuur

Die FV-paneel sal op 'n steunstruktuur sowat 5 m bo die grond gemonteer wees, wat teen 'n hoek gestel is om die maksimum hoeveelheid sonbestraling (vasstaande tegnologie) te ontvang, of wat gestel is om die son te volg (naspoortegnologie) ten einde die hoeveelheid energie wat opgewek word, te verhoog.

### Die Akkumulatormeganisme

Die Akkumulatormeganisme word vir roosterlading gebruik en help om die kragrooster te stabiliseer deur spitsladings te nivelleer.

Die FV-paneel is ontwerp om vir meer as 20 jaar ononderbroke, onbeman en met min

instandhouding in bedryf te staan.

## OMGEWINGSIMPAKEVALUERINGSPROSES

Ooreenkomstig die OIE-regulasies wat kragtens Artikel 24(5) van die Nasionale Wet op Omgewingsbestuur (NEMA, Wet 107 van 1998) gepubliseer is, sal die SPV's vir elk van die sonkragaanlegte omgewingsmagtiging (OM) van die Nasionale Departement van Omgewingsake (DO) (in oorleg met die Noord-Kaapse Departement van Omgewingsake en Natuurbewaring (NC DENC)) verlang vir die onderneming van die Hyperion FV-sonkragontwikkelings. Ingevolge Artikel 24 en 24D van die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998), saamgelees met die OIE-regulasies, 2014, soos gewysig (Staatskennisgewing R324 – R327), moet 'n Bestekopname en 'n OIE-proses vir die ontwikkeling van elk van die sonkragaanlegte onderneem word. Ten einde omgewingsmagtiging te verkry, moet omvattende en onafhanklike maatskaplike en omgewingstudies ingevolge die OIE-regulasies, 2014, soos gewysig, onderneem word.

'n OIE is 'n doeltreffende beplannings- en besluitnemingswerktuig. Dit bring mee dat die omgewingsverwante gevolge wat voortspruit uit die oprigting en bedryf van 'n tegniese aanleg, geïdentifiseer en na behore bestuur word. Dit stel die ontwikkelaar in staat om vooraf gewaarsku te wees teen potensiële omgewingsvraagstukke en bied die geleentheid om die vraagstuk(ke) waarvoor verslag gedoen is in die OIE-verslag op te los, en ook om dialoog met die geïmpakteerde partye te bewerkstellig.

**Savannah Environmental** is aangestel as die onafhanklike omgewingsevalueringspraktisyn (OEP) ten einde die nodige Bestekopname en OIE-proses te onderneem om alle gepaardgaande potensiële omgewingsimpakte met betrekking tot die Hyperion FV-sonkragontwikkelings te identifiseer en te evalueer, en om gepaste versagtingsmaatreëls in 'n Omgewingsbestuursprogram (OBPr) aan te beveel. As deel van hierdie omgewingstudies sal B&GP's aktief betrokke raak deur die openbare deelnameproses, wat deur **Savannah Environmental** onderneem word.

## WAT IS DIE POTENSIËLE OMGEWINGSIMPAKTE WAT VERBAND HOU MET DIE HYPERION FV-SONKRAGONTWIKKELINGS?

'n Aantal potensiële omgewingsimpakte wat met elk van die sonkragaanlegte verband hou, is geïdentifiseer en sal deur spesialisstudies geëvalueer word, insluitend:

- » impakte op biodiversiteit – wat insluit ekologie, varswaterekologie, fauna en flora;
- » impakte op avifauna;
- » impakte op grondsoorte en landboupotensiaal;
- » impakte op erfenishulpbronne – insluitend argeologie en paleontologie;
- » impakte op die sosio-ekonomiese omgewing; en
- » impakte op die gebied se visuele gehalte.



Die onafhanklike spesialisstudies sal in twee fases onderneem word:

1. 'n Bestekopnamestudie, waartydens potensiële vraagstukke wat met elk van die sonkragaanlegte gepaardgaan, geïdentifiseer en geëvalueer sal word en daardie vraagstukke wat verdere ondersoek verg, deur die OIE-proses uitgelig sal word.
2. 'n Gedetailleerde OIE-fase evaluering en ter plaatse staving van potensieel wesenlike impakte wat tydens die Bestekopnamefase geïdentifiseer is. Praktiese en uitvoerbare versagtingsmaatreëls sal aanbeveel word ten einde die wesenlikheid van die potensiële impakte wat geïdentifiseer is, te minimaliseer. Hierdie aanbevelings sal in 'n Omgewingsbestuursprogram (OBPr) vervat word.

Die spesialisstudies sal toegelig word deur bestaande inligting, veldwaarnemings en insette wat uit die openbare deelnameproses voortspruit. As 'n B&GP word u insette as 'n belangrike deel van die proses geag, en ons moedig u aan om betrokke te raak.

## OPENBARE DEELNAMEPROSES

Die deel van inligting vorm die grondslag van die openbare deelnameproses en bied u die geleentheid om uit die staanspoor aktief by die OIE betrokke te raak. Kommentaar en insette van B&GP's tydens die OIE-proses word aangemoedig ten einde te verseker dat oorweging aan alle potensiële impakte binne die omvang van die studie geskenk word.

Die openbare deelnameproses poog om te verseker dat:

- » inligting wat al die tersaaklike feite met betrekking tot die aansoeke bevat, aan B&GP's beskikbaar gestel word vir insae;
- » deelname deur potensiële B&GP's op so 'n wyse gefasiliteer word dat hulle 'n redelike geleentheid gegun word om kommentaar te lewer oor die aansoeke; en
- » 'n voldoende oorsigtydperk aan B&GP's gebied word om kommentaar te lewer oor die bevindinge van die Bestekopname- en OIE-verslag.

## U VERANTWOORDELIKHEDE AS 'N B&GP

Ingevolge Artikel 24J van die Nasionale Wet op Omgewingsbestuur, Wet 107 van 1998, en die Departement van Omgewingsake se Openbare Deelnameriglyn, 2017, as deel van die OIE-proses, het 'n B&GP die verantwoordelikheid om:

- » kommentaar te lewer oor die sonkragaanlegte, en wel binne die gespesifiseerde tydsraamwerke;
- » skriftelike kommentaar regstreeks by die OEP in te dien; en
- » enige regstreekse sake-, finansiële-, persoonlike- of ander belange bekend te maak wat daardie B&GP in die goedkeuring of afkeuring van die aansoeke kan hê.

## HOE OM BETROKKE TE RAAK

1. Deur te reageer (telefonies, per faks of per e-pos) op ons uitnodiging vir u betrokkenheid wat in plaaslike koerante geadverteer is.
2. Deur die aangehegte antwoordvorm aan die tersaaklike kontakpersoon terug te besorg.
3. Deur die vergaderings by te woon wat tydens die verloop van die OIE-proses gehou sal word.
4. Deur die konsultante te kontak met navrae of kommentaar.
5. Deur insae en kommentaar oor die Bestekopname- en OIE-verslag te bied, en wel binne die gestipuleerde 30-dae oorsigtydperke.

Indien u uself as 'n B&GP vir die Hyperion FV-sonkragontwikkelings ag, moedig ons u aan om gebruik te maak van die geleentheid wat deur die openbare deelnameproses geskep word om kommentaar te lewer of daardie vraagstukke en knelpunte te opper wat u raak en/of waarin u belangstel en waaroor u meer inligting verlang. U insette in hierdie proses vorm 'n belangrike deel van die OIE-proses.

## KOMMENTAAR EN NAVRAE

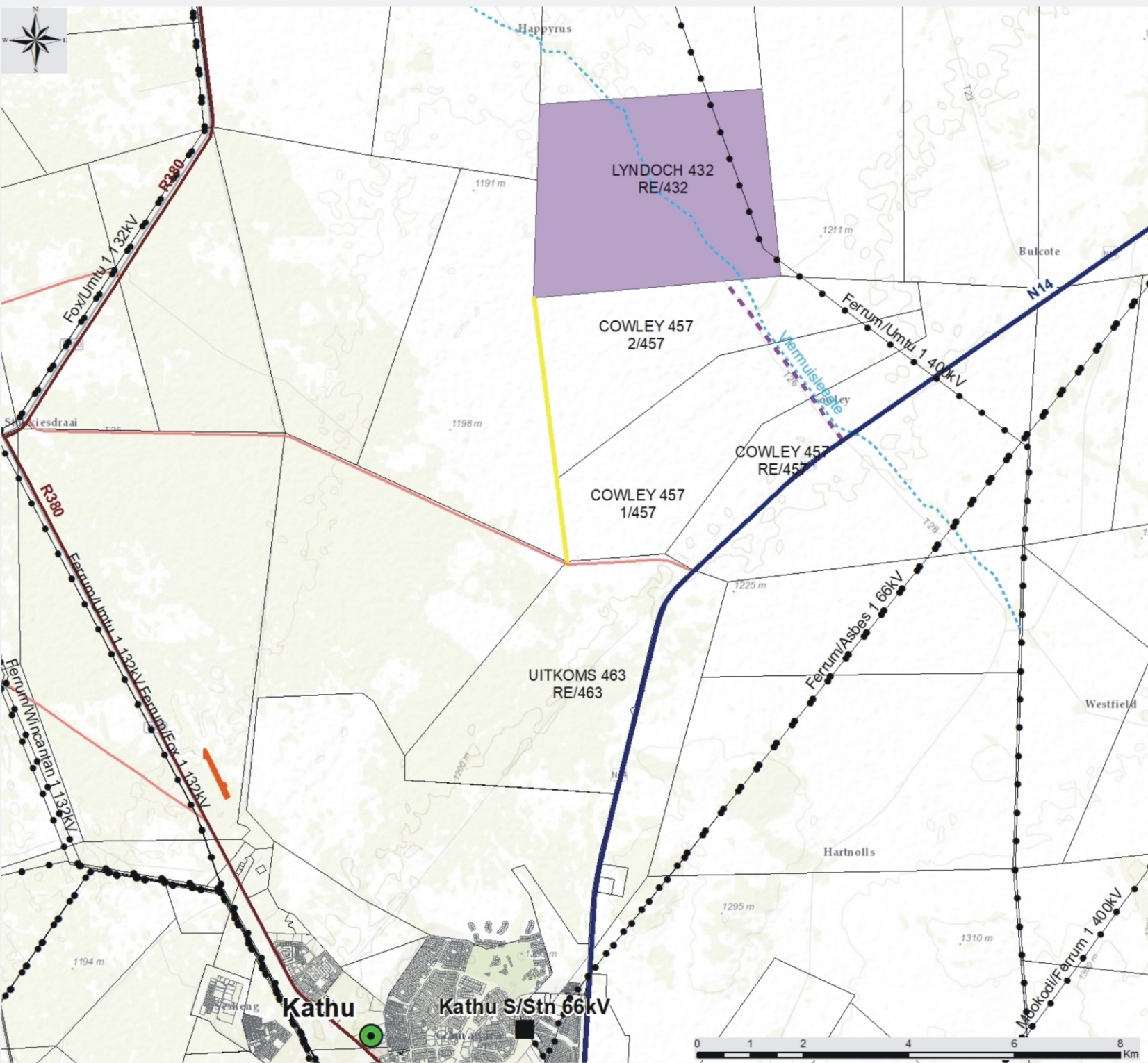
**Rig alle kommentaar, navrae of antwoorde aan:**

Savannah Environmental  
Posbus 148, Sunninghill, 2157  
Tel: 011 656 3237  
Faks: 086 684 0547

E-pos: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Om projekdokumentasie na te gaan, besoek**

[www.savannahSA.com](http://www.savannahSA.com)



# Hyperion Solar PV Developments near Kathu, Northern Cape

Locality Map

## Legend

- Town
- Eskom Substation
- Existing Power Line
- National Route
- Regional Road
- Main Road
- Non-perennial River
- Access Road Alternative 1
- Access Road Alternative 2
- Sishen Airport
- Project Site
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Scale: 1:101 296  
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