

14 March 2025

Our ref: 1681/VM/am

To whom it may concern

Dear Sir or Madam:

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AS PART OF THE MOTUOANE EXPLORATION RIGHT 386 APPLICATION, WITHIN VARIOUS FARMS IN MATJHABENG AND MOQHAKA LOCAL MUNICIPALITIES, LEJWELEPUTSWA AND FEZILE DABI DISTRICT MUNICIPALITIES, FREE STATE PROVINCE, SOUTH AFRICA.

Motuoane Energy (Pty) Ltd (Motuoane) (hereafter referred to as the applicant) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Independent Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of application for:

- An Environmental Authorisation (EA) in accordance with the National Environmental Management Act (Act 107 of 1998) (NEMA), Environmental Impact Assessment (EIA) Regulations, 2014 as amended for the following listed activity:
 - GNR 983 Activity 21C; and
 - GNR 984 Activity 18.

Other applicable listed activities are:

- GNR 983 Activity 27; and
- GNR 985 Activity 12.

Additional listed activities and/or water uses may be identified during the process.

The applicant proposes to explore all saleable gases including but not limited to Methane, Carbon Dioxide, Helium, and Nitrogen within Exploration Right (ER) 386. Due to the large area and complex exploration methodology, the ER will be required for an initial period of three years with the option to renew for three additional periods of two years resulting in a total of nine years. The ER application is a consolidation of Technical Cooperation Permits (TCP) 235 and 240 and Exploration Release Area (ERA) 341, approved under Section 79 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002 – MPRDA, as amended). The proposed exploration right application (ER386) is located over an area of approximately 60 000 hectares (ha), covering various farm portions near the towns of Welkom, Virginia, Hennenman and Odendaalsrus, Free State Province. The furthest boundaries of ER386 are 28°13'28.95"S; 26°55'2.76"E in the South, 27°57'37.57"S; 26°48'49.15"E in the West, 27°59'13.57"S; 27°11'13.06"E in the East and 27°46'34.45"S; 26°57'44.05"E in the North, the central coordinates are approximately 27°58'23.27"S; 26°59'38.94"E.

Proposed activities include identifying and analysing existing gas-emitting boreholes, drilling and sampling new core wells, conducting seismic and/or magnetotelluric surveys, and clearing vegetation of approximately 50m x 50m for each drill pad. Up to 13 target drilling areas are proposed, though the current program focuses on three wells, each well will be approximately 650m deep and a maximum width of 350mm, with steel-casing and cement barrier and plugged for environmental safety and to prevent contamination of groundwater. Seismic surveys, potentially employing Vibroseis or Accelerated Weight Drop techniques and/or magnetotellurics survey, will cover over 100km of transects within the

ER, realigned as new data emerges. Collaboration with other large-scale projects such as renewable energy project developers within the ER will be necessary to address overlapping land use.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Scoping and EIA process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application/s. In order to ensure that you are identified and registered as an Interested and Affected Party (I&AP) and that your comments are captured, please submit your name, contact details, the reason for your interest in writing or telephonically, to EIMS. Please note that only registered I&AP's will be informed of future project information and opportunities for participation.

By registering as an I&AP, you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at www.eims.co.za/public-participation. In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS at:

Contact Person: Alex Msipa

EIMS Reference Number: 1681

Postal Address: P.O. Box 2083; Pinetown; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: motuoane386@eims.co.za

Please include the project reference number **1681** in all correspondence.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

Please feel free to contact the undersigned if you have any queries or concerns.

Kind Regards,

PUBLIC PARTICIPATION TEAM

14 Maart 2025

Ons verwysing: 1681/VM/am

Vir wie dit mag aangaan

Geagte Meneer of Mevrou

KENNISGEWING MET BETREKKING TOT GELEENTHEID OM AAN DIE OMGEWINGSIMPAKBEOORDELINGSPROSES DEEL TE NEEM AS DEEL VAN DIE MOTUOANE EKSPLORASIE REG 386 AANSOEK, BINNE VERSKEIE PLASE IN MATJHABENG EN MOQHAKA PLAASLIKE MUNISIPALITEITE, LEJWELEPUTSWA EN FEZILE DABI DISTRIK MUNISIPALITEITE, VRYSTAAT PROVINSIE, SUID-AFRIKA.

Motuoane Energy (Edms) Bpk (Motuoane) (hierna verwys as die aansoeker) het Environmental Impact Management Services (Edms) Bpk (EIMS) aangestel as die Onafhanklike Omgewingsbeoordelingspraktisyn (OBP) om te help met die onderneming van die vereiste magtigingsprosesse (insluitend die statutêre openbare deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van aansoek vir:

- 'n Omgewingsmagtiging (OM) in ooreenstemming met die Nasionale Omgewingsbestuurswet (Wet 107 van 1998) (NEMA), Omgewingsimpakbepaling (OIB) Regulasies, 2014, soos gewysig, vir die volgende gelyste aktiwiteit:
 - GNR 983 Aktiwiteit 21C; en
 - GNR 984 Aktiwiteit 18;

Ander toepaslike gelyste aktiwiteite is:

- GNR 983 Aktiwiteit 27; en
- GNR 985 Aktiwiteit 12

Bykomende gelyste aktiwiteite en/of watergebruike kan tydens die proses geïdentifiseer word

Die aansoeker wil alle verkoopbare gasse ondersoek, insluitend, maar nie beperk nie tot metaan, koolstofdiksied, helium en stikstof binne Eksplorasiereg (ER) 386. As gevolg van die groot area en komplekse eksplorasie-metodologie, sal die Eksplorasiereg (ER) vereis word vir 'n aanvanklike tydperk van drie jaar met die opsie om te hernu vir drie bykomende tydperke van twee jaar wat 'n totaal van nege jaar tot gevolg het. Die ER-aansoek is 'n konsolidasie van die twee Tegniese Samewerkingsspermitte (TCP) 235 en 240 en Exploration Release Area (ERA) 341, goedgekeur kragtens Artikel 79 van die Wet op die Ontwikkeling van Minerale en Petroleumhulpbronne (Wet 28 van 2002 – MPRDA, soos gewysig). Die voorgestelde eksplorasie-aansoek (ER386) is geleë oor 'n gebied van ongeveer 60 000 hektaar (ha), wat verskeie plaas gedeeltes in die omgewing van die dorpe Welkom, Virginia, Hennenman en Odendaalsrus, Vrystaat Provinsie, dek. Die verste grense van ER386 is 28°13'28.95"S; 26°55'2.76"O in die Suide, 27°57'37.57"S; 26°48'49.15"O in die Weste, 27°59'13.57"S; 27°11'13.06"O in die Ooste en 27°46'34.45"S; 26°57'44.05"O in die Noorde, die sentrale koördinate is ongeveer 27°58'23.27"S; 26°59'38.94"O.

Voorgestelde aktiwiteite sluit in die identifisering en ontleding van bestaande gasvrystellende boorgate, die boor en neming van monsters van nuwe kernboorgate, die uitvoer van seismiese en/of magnetotelluriese opnames, en die verwydering van plantegroei van ongeveer 50m x 50m vir elke boorblok. Tot 13 teikenboorareas word voorgestel, alhoewel die huidige program op drie putte fokus, sal elke put ongeveer 650 m diep wees en 'n maksimum breedte van 350 mm wees, met staalomhulsel en sementversperring en ingeprop vir omgewingsveiligheid en om besoedeling van grondwater te voorkom.

Seismiese opnames, moontlik deur gebruik te maak van Vibroseis- of Versnelde "Weight Drop" tegnieke en/of magnetotelluriese opname sal meer as 100 km se transekte binne die ER dek, met herbelyning soos nuwe data

beskikbaar word. Samewerking met ander grootskaalse projekte soos hernubare energie-projekontwikkelaars binne die ER sal nodig wees om oorvleuelende grondgebruik aan te spreek..

EIMS sal die prosedures volg soos omskryf in die Omgewingsimpakbepaling (OIB) Regulasies (GRN982 van 2014, soos gewysig) vir die onderneming van 'n Omvangbepaling en OIB proses. In ooreenstemming met Hoofstuk 6 van die OIB-regulasies, sal 'n openbare deelnameproses onderneem word. U word hiermee uitgenooi om te registreer en kommentaar te lewer op die voorgestelde projek en aansoek/e. Om te verseker dat u geïdentifiseer en geregistreer is as 'n Belangstellende en Geaffekteerde Party (B&GP) en dat u kommentaar vasgelê word, dien asseblief in u naam, kontakbesonderhede, die rede vir u belangstelling, skriftelik of telefonies, by EIMS in. Neem asseblief kennis dat slegs geregistreerde B&GP's ingelig sal word oor toekomstige projekinligting en geleenthede vir deelname.

Deur as 'n B&GP te registreer, stem u in tot die versameling en verwerking van u persoonlike inligting soos per die EIMS Privaatheidskennisgewing beskikbaar by www.eims.co.za/public-participation. Om te verhoed dat geleenthede vir publieke deelname misgeloop word, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse met betrekking tot hierdie aansoek, so gou moontlik in by EIMS by:

Kontak Persoon: Alex Msipa

EIMS Verwysingsnommer: 1681

Posadres: Posbus 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: (086) 571 9047

E-pos: Motuoane386@eims.co.za

Sluit asseblief die projekverwysingsnommer **1681** by alle korrespondensie in.

Verdere inligting sal beskikbaar wees by www.eims.co.za/public-participation/. Neem asseblief kennis dat in die geval dat jy weens databeperkings nie toegang tot die webwerf kan kry nie, kontak asseblief EIMS vir alternatiewe reëlings.

Kontak gerus die ondertekende indien u enige navrae of bekommernisse het.

Vriendelike groete,

PUBLIEKE DEELNAMESPAN

14 Hlakubele 2025

Referense ea rona1681/VM/am

Ho eo e mo amang

Mohlomphehi kapa Mofumahali:

TSEBISO MABAPI LE MONYETLA OA HO KENYA MOSEBETSI OA TSAMAISO TSA TEBELLO EA TŠEBELETSO EA TIKOLO E LE KAROLO EA TLHOKOMELISO EA MOTUOANE TOK 386 KOPO, KA MAFAMENG A A FAPANENG A MATJHABENG LE MMASIPALA EA LEHAE EA MOQHAKA LE MMASIPALA LE LITABA TSA DIKOPO. MMASIPALA, POROFESE YA FORESE, AFRIKA BORWA.

Motuoane Energy (Pty) Ltd (Motuoane) (eo ka morao ho moo e bitswang mokopi) o kgethile Environmental Impact Management Services (Pty) Ltd (EIMS) e le Setsebi se Ikemetseng sa Tekolo ya Tikoloho (EAP) ho thusa ka ho etsa ditshebetso tse hlokehang tsa tumello (ho kenyeletswa le seabo sa sechaba ka molao), le ho bokella le ho fana ka litokomane tse hlokalahalang ho tšehetsa kopo ea:

- Tumello ya Tikoloho (EA) ho ya ka Molao wa Naha wa Taolo ya Tikoloho (Molao wa 107 wa 1998) (NEMA), Melawana ya Tekolo ya Phello ya Tikoloho (EIA), 2014 jwaloka ha e fetotswe bakeng sa ketso e latelang e thathamisitweng:
 - GNR 983 Ketsahalo ya 21C; le
 - GNR 984 Ketsahalo ya 18;

Melao e meng ea mesebetsi e thathamisitsoeng e sebetsang ke:

- GNR 983 Ketsahalo ya 27; le
- GNR 985 Ketsahalo ya 12

Mesebetsi e meng e thathamisitsoeng le/kapa tšebeliso ea metsi e ka tsejoa nakong ea ts'ebetso.

Mokopi o etsa tlhahiso ea ho hlahloba likhase tsohle tse ka rekisoang ho kenyeletsoa empa ho sa lekanyetsoe ho Methane, Carbon Dioxide, Helium, le Nitrogen ka har'a Tokelo ea Tlhahlobo (ER) 386. Ka lebaka la sebaka se seholo le mokhoa o rarahaneng oa ho hlahloba, ER e tla hlokalhala bakeng sa nako ea pele ea lilemo tse tharo ka khetho ea ho nchafatsoa bakeng sa linako tse ling tse tharo tsa lilemo tse peli tse hlahisang lilemo tse robong. Kopo ea ER ke ho kopanngoa ha Litumello tsa Tšebeliso 'moho tsa Tekheniki (TCP) 235 le 240 le Sebaka sa Phallo ea Tlhahlobo (ERA) 341, e amohetsoeng tlasa Karolo ea 79 ea Molao oa Nts'etsopeleng ea Lisebelisoa tsa Minerale le Petroleum (Molao oa 28 oa 2002, MPRDA, joalo ka ha o fetotsoe). Kopo e reriloeng ea tokelo ea ho hlahloba (ER386) e fumaneha sebakeng sa hoo e ka bang lihekthere tse 60 000 (ha), e koahelang likarolo tse fapaneng tsa mapolasi haufi le litoropo tsa Welkom, Virginia, Hennenman le Odendaalsrus, Profinseng ya Foreisetata. Meeli e hole ea ER386 ke 28°13'28.95"S; 26°55'2.76"E ka Boroa, 27°57'37.57"S; 26°48'49.15"E ka Bophirimela, 27°59'13.57" S; 27°11'13.06"E ka Bochabela le 27°46'34.45"S; 26°57'44.05"E ka Leboea, li-coordinates tse bohareng li ka ba 27°58'23.27"S; 26°59'38.94"E.

Mesebetsi e reriloeng e kenyelletsa ho khetholla le ho sekaseka masoba a teng a hlahisang khase, ho cheka le ho nka mehlala ea liliba tse ncha tsa mantlha, ho etsa liphuputso tsa ho sisinyeha ha lefatše le/kapa magnetotelluric, le ho tlosa limela tse ka bang 50m x 50m bakeng sa sebaka se seng le se seng sa ho phunya. Ho sisintsoe libaka tse fihlang ho tse 13 tsa ho cheka, leha lenaneo la hajoale le tsepamitse maikutlo lilibeng tse tharo, seliba ka seng se tla ba botebo ba 650m le bophara bo bohola ba 350mm, 'me se be le mekoallo ea tšepe le litšitiso tsa samente, 'me se hokeloe bakeng sa poloheho ea tikoloho le ho thibela tšilafalo ea metsi a ka tlas'a lefatše.

Liphuputso tsa ho sisinyeha ha lefatše, tse ka 'nang tsa sebelisa mekhoha ea Vibroseis kapa Accelerated Weight Drop le/kapa tlhahlobo ea magnetotellurics e tla akaretsa ho feta 100km ea transects ka hare ho ER, e hlophisitsoeng hape ha lintlha tse ncha li hlaha. Tšebeliso-'moho le merero e meng e meholo e kang baetsi ba merero ea matla a ka nchafatsoang ka har'a ER e tla hlokalhala ho sebetsana le ts'ebeliso ea mobu e fetelletseng

EIMS e tla be e latela ditsamaiso tse hlahositse ho Melawana ya Tekolo ya Diphello tsa Tikoloho (EIA) (GRN982 ya 2014, jwalo ka ha e fetotswe) bakeng sa ho etsa tshebediso ya Tshekatsheko ya Boitshwarello ba tsamaiso ya Tikoloho (EIA). Ho latela Khaolo ea 6 ea Melawana ea EIA, mokhoa oa ho kenya letsoho ha sechaba o tla etsoa. U memeloa ho ingolisa le ho fana ka maikutlo mabapi le projeke e sisintsoeng le likopo. E le ho etsa bonnete ba hore o tsejwa mme o ngodisitse o le Mokga o Kgahlehileng le o Amehileng (I&AP) le hore maikutlo a hao a hapilwe, ka kopo romela lebitso la hao, dintlha tsa ho iteanya, lebaka la thahasello ya hao ya ho ngola kapa ka mohala ho EIMS. Ka kopo elelloa hore ke li-I&AP tse ngolisitsoeng feela tse tla tsebisoa ka tlhaiso-leseling ea projeke le menyetla ea ho nka karolo.

Ka ho ingolisa joalo ka I&AP, u lumela ho bokelloa le ho sebetsoa ha lintlha tsa hau ho latela Tsebiso ea Lekunutu ea EIMS e fumanhang ho www.eims.co.za/public-participation. E le ho qoba ho fetoa ke menyetla ea ho nka karolo ha sechaba ka kopo, romella boingoliso ba I&AP, kapa lipotso, maikutlo, kapa matšoenyeho mabapi le kopo ena, kapele kamoo ho ka khonehang ho EIMS ho:

Moikarabelli: Alex Msipa

Nomoro ea ts'ebetso ea morero ea EIMS: 1681

Aterese ea poso: P.O. Box 2083; Pinetown; 2123

Mohala: (011) 789 7170/ fekse: (086) 571 9047

E-mail: Motuoane386@eims.co.za

Ka kopo kenyelletsa nomoro ea ts'ebetso ea morero **1681** mangolong 'ohle.

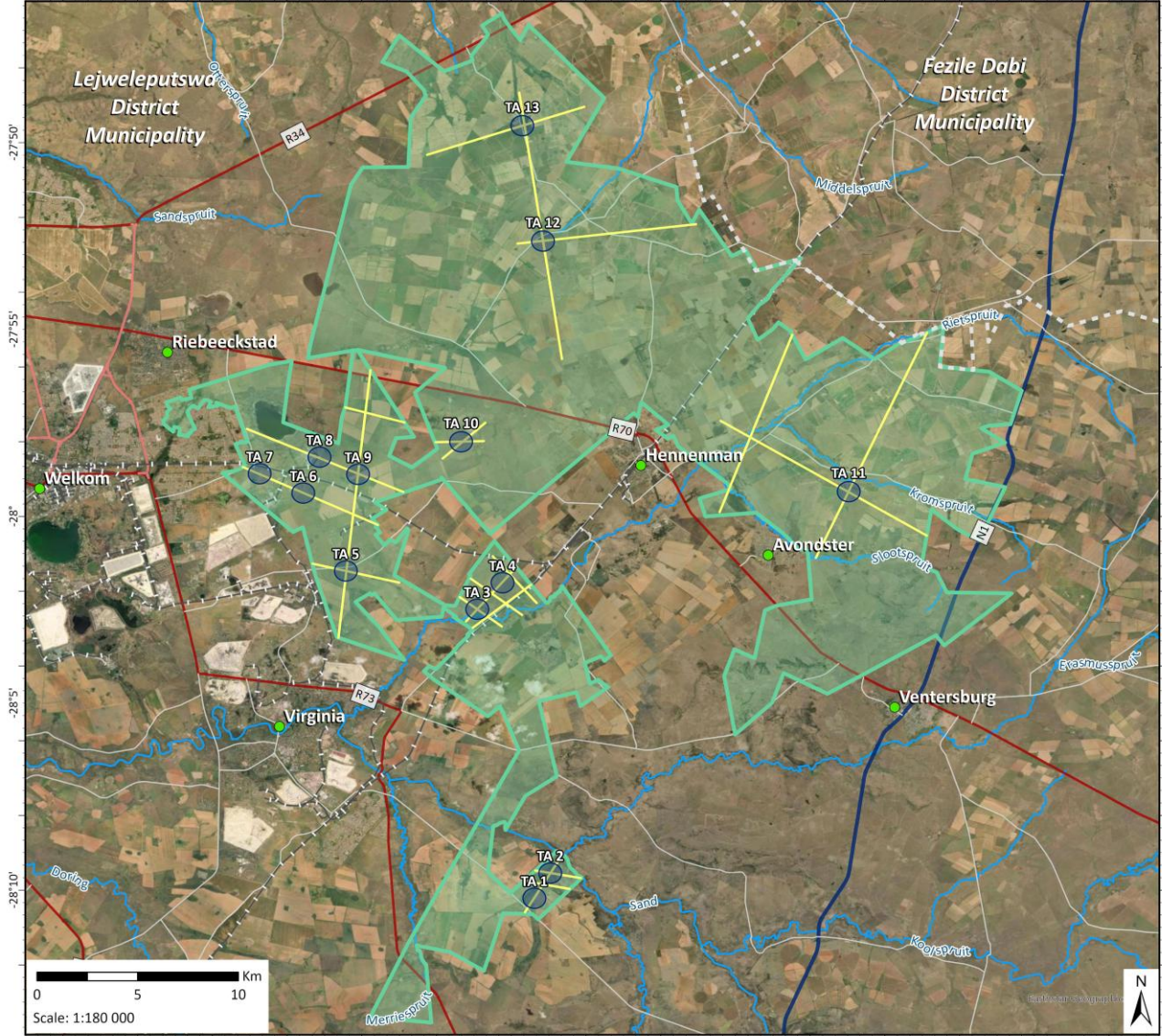
Lintlha tse ling li tla fumaneha ho www.eims.co.za/public-participation/. Ka kopo hlokomela hore haeba u sa khone ho kena sebakeng sa Marang-rang ka lebaka la likhaello tsa data ka kopo ikopanye le EIMS bakeng sa litlhophiso tse ling.

Ka kopo, ikutloe u lokolohile ho ikopanya le motho ea saenneng ka tlase haeba u na le lipotso kapa matšoenyeho.

Litumeliso tse mofuthu,

KAROLO EA SECHABA












26°45' 26°50' 26°55' 27° 27°5' 27°10' 27°15'



Locality Map

1681 Motuoane ER386 EIA

Legend

-  Exploration Right 386 Area
 -  Proposed Seismic Transects 50m Corridor
 -  Target Areas (TA)
 -  District Municipality
 -  NFEPA Rivers
 -  Towns
 -  Railway Line
- Roads**
-  National Road
 -  Arterial Road
 -  Main Road
 -  Secondary Road



Data Sources:
CSG; ESRI; MDB; CDNGI; SANBI
Coord System: GCS WGS 1984
Datum: WGS 1984
Units: Degree
Ref: 1681_Locality

Date: 2025/01/23
EIMS Ref: 1681
Compiled: JW
Reviewed: VM
Approved: LW