

## RAINY DAY INVESTMENTS 47 (PTY) LTD

### ENVIRONMENTAL IMPACT ASSESSMENT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

#### **BACKGROUND INFORMATION DOCUMENT**

#### **1. INTRODUCTION**

Rainy Day Investments 47 (Pty) Ltd (i.e. "Rainy Day Investments") intends to develop a land based snail breeding facility near Swakopmund, in the Erongo Region of Namibia (see Figure 1 for the proposed site location).

Rainy Day Investments' Shareholders include Lithon Holdings (Pty) Ltd, a Namibia based Engineering Company and the initial project sponsor; ED Value Consortium, an agri-business development firm, (with strong Israeli Agri-business linkages); Hyperception Properties (Pty) Ltd; and other investors. Touchstone Snail Technologies Ltd ('Touchstone'), a company with international activity, specializing in snail farming and snail processing, will provide the technology and off-take agreement. Touchstone is based in Larnaca-Cyprus.

Rainy Day Investments propose to establish a 5 ha export-based snail meat farm with a yearly capacity of 650 tons for the European markets, based on cutting edge exclusive "know how" technology offered by Touchstone. The *Cornu aspersum* snail will be bred on the proposed farm. This snail species is known by the common name (brown) 'garden snail', which is a species of land snail in the family Helicidae. (It was previously classified under the name *Helix aspersa*, but the prevailing classification now places it in the genus '*Cornu*').

#### **2. ENVIRONMENTAL CLEARANCE APPLICATION**

Prior to the commencement of the proposed Snail Production Project activities, an application for an environmental clearance will be submitted in terms of the Environmental Management Act, 7 of 2007 and

associated environmental impact assessment (EIA) Regulations (January 2012) to the Ministry of Agriculture, Water and Land Reform (MAWLR), as the competent authority.

MAWLR will review the application and relevant reports and submit their comments to the Ministry of Environment, Forestry and Tourism (MEFT) for their final review and decision.

An EIA process will be conducted in terms of the above-mentioned Act and Regulations. Namisun Environmental Projects & Development (Namisun) has been appointed by Rainy Day Investments as the independent Environmental Assessment Practitioner to undertake the EIA process for the proposed Snail Production Project.

#### **3. PURPOSE OF THIS DOCUMENT**

This document has been prepared by Namisun to inform you about:

- The proposed Snail Production Project activities (Section 5).
- The EIA process (section 6).
- Key environmental issues (i.e. aspects and potential impacts) (Section 7).
- How you can register as an interested and /or affected party (I&AP) (sections 4 and 8).

#### **4. PARTICIPATION IN THE EIA PROCESS**

Public participation is an essential part of the EIA process. If you want to register as an I&AP and have input into the EIA process, please refer to the box below. All comments / questions / concerns will be recorded and addressed in the EIA process.

#### **HOW TO REGISTER AS AN I&AP**

Please register as an I&AP and submit any questions or comments by means of the enclosed registration / comment sheet or through communication with Namisun.

Attention: Werner Petrick  
E-mail address: [wpetrick@namisun.com](mailto:wpetrick@namisun.com)  
Cell number: +264 (0)81 739 4591

If you would like your comments to be addressed in the EIA Scoping Report please submit them by **6 August 2021**.

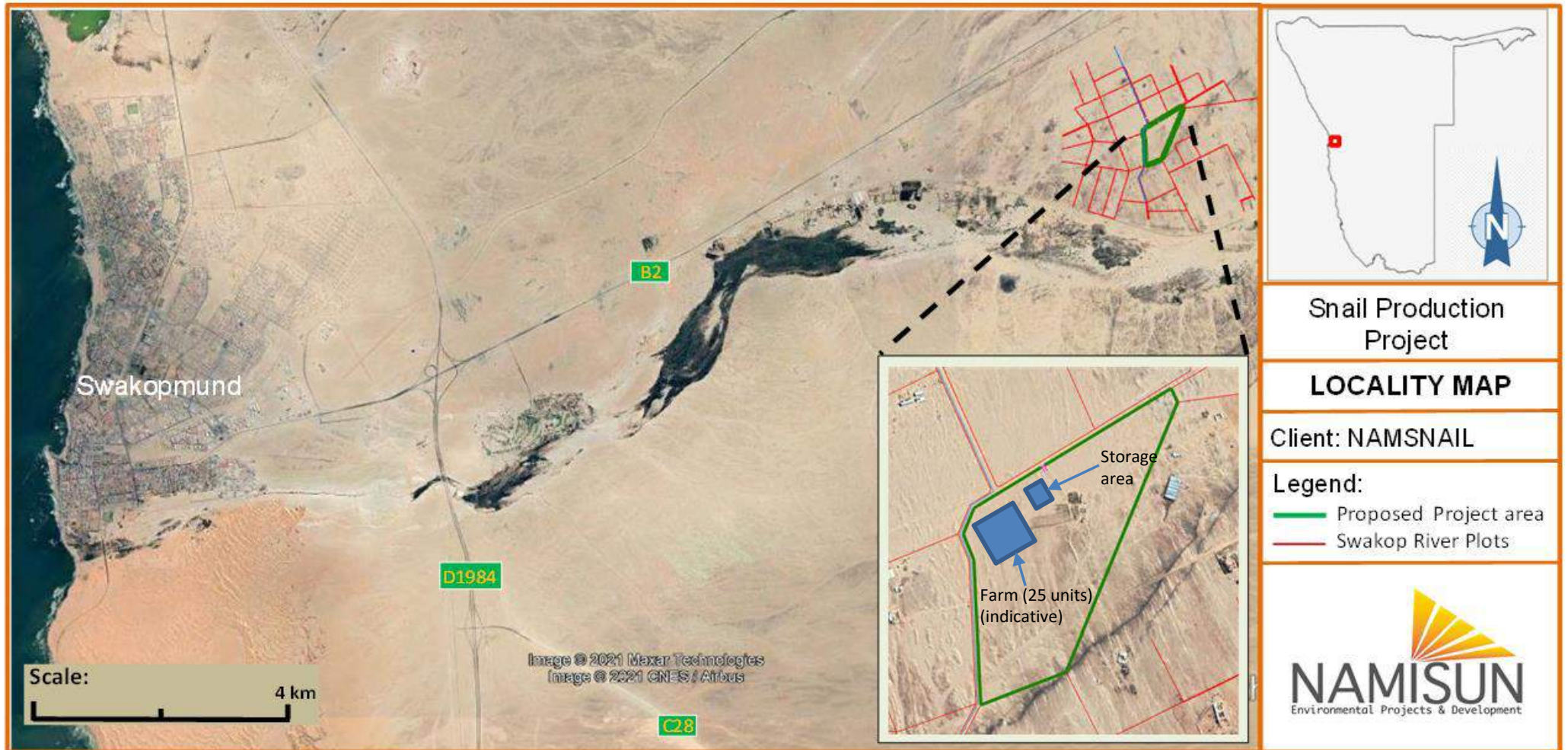


Figure 1: Location of the proposed Snail Production Project near Swakopmund

## 5. DESCRIPTION OF THE PROPOSED SNAIL PRODUCTION PROJECT ACTIVITIES

Rainy Day Investments found the future of the snail market to be very strong. The growth in the popularity of healthy eating and the benefits of incorporating snail's meat in humans' diets, the marketing of products made from snail slime, the emergence of new products like snail caviar, and the growing demands for organic products in the pharmaceutical and cosmetic industries contribute in the upward trend in the snail's market performance.

Touchstone is a pioneer in the snail breeding business. They have developed an innovative breeding method, the so-called "curtain method", that, based on the company's research and experience, has proven to be the most efficient snail breeding method that yields more production than any other breeding method available.

Based on the above mentioned technology, Rainy Day Investments propose to development an environmentally monitored facility to ensure optimal temperature and humidity, as well as high-quality specialized feed and a management protocol. It will be monitored daily through an online management system, further ensuring growth and product quality to be harvested and sold as planned.

### 5.1 PROJECT LOCATION

The proposed snail breeding farm area is situated on Plot number 88 (Swakop River plots), approximately 15 km east of Swakopmund (see Figure 1). Rainy Day Investments believes this location is feasible due to the suitable climate conditions, temperature range throughout the year. suitable soil, overall plot size (i.e. ~28 ha), its proximity to the Port of Walvis Bay, easy access to the main road (B2) and four hours direct drive to the Hosea Kutako International Airport situated east of Windhoek.

### 5.2 PROJECT DESIGN AND PROPOSED ACTIVITIES

The proposed Snail Production Project will involve the construction and the management of a snail breeding unit, of which the following specifications apply:

- Total land area required for 25 breeding units: 5 ha for production, storage and other related infrastructure.
- Dimensions of one breeding unit:
  - Area: 1000 m<sup>2</sup>
  - Width: 10 m.
  - Length: 48 m.
  - Number of arches: 16
  - Minimum height: 1.6 m

- Maximum height: 3.4 m
- Distance between arches: 3 m
- All 25 units will be developed at year 1 and will be fully operational from that year
- One production cycle of about 9 months is planned
- At the start of the production cycle the farm (i.e. 25 units) will contain 30 tons of live snails and at the end of the cycle the farm will yield 650 tons of snails ready for harvest.
- Each breeding unit will consist of a closed green house, with a net around. The greenhouses will be surrounded by a metal sheet installed (50 cm into the ground) around the perimeter of the greenhouse to prevent animals entering the units and snails to escape.
- Each breeding unit bottom would include cultivated local grass species to be used as a natural habitat setup for the snails.
- The internal growing pens will be surrounded by electric fence in order to prevent the snails to escape and specifically the bio-security protocols are maintained. Control of staff and visitors would be done though the farm manager and recorded continuously.



The proposed production activities include the following:



#### ***Import of live snails***

Live snails will be imported from Cyprus. Delivery will be from the Walvis Bay port to the farm via trucks, following



strict bio-security protocols. The snails will be delivered in cooling containers, packed in a net bag inside plastic boxes on a pallet. Once the containers arrive at the farm, the snails will be released inside the breeding units.

### ***Egging and hatching***

During this stage baby snails are hatched and grow to a juvenal size. The hatched snails would occur in special cells design for that purpose.

### ***Juvenal & fattening Stage***

During this stage the juvenal snails are starting gaining weight. The snails are fed daily with a special designed formulated feed to be supplied by a dedicated supplier. The snail would gain weight until reached harvest stage estimated to be around 8-10gr each.

### ***Harvesting and packing***

The mature snails will be harvested once a year over a two month period and packed in net bags. The bags will be placed in a plastic box, then loaded on a pallet and directly into cooling containers.

### ***Export***

The snails will be exported to the European market as per the off taker requirements. Refer to section 5.8 for transport requirements.

## **5.3 WATER REQUIREMENTS**

The maximum water consumption for the proposed snail production activities will be ~ 1 825 m<sup>3</sup> / annum, which will be obtained from NamWater. A new HDPE pipeline will be connected to the main NamWater supply pipeline.

## **5.4 POWER SUPPLY**

The electricity requirements would be maximum 21,000 Kw/year. The power supply options being considered include either grid connection to NamPower or a small-scale solar power system.

## **5.5 EMPLOYMENT**

The project would include two phases of employment, as follows:

- Construction phase – approximately 30 workers for the period of 4 months.
- Production phase – 16 full time employees (manager, supervisors and labors) and approximately 60 additional temporary employees for a period of 2 months a year (during the harvest time).

Most staff would be travelling daily to the farm from the Coastal towns. Key staff would likely reside on site.

## **5.6 EFFLUENTS / WASTE**

The waste of the snails, stay on the wood when they are out and active. The wood (with waste) get cleaned daily and any waste would be reused as organic fertilizer in the farm for cultivating the needed grass. Furthermore, any dead snails are also removed on a daily basis and similarly disposed.

The waste on the soil will be used as an additional fertilizer for the grass.

## **5.7 SECURING THE FACILITY**

Only salmonella can affect the snails, which could be transferred from birds. To prevent birds (and any other possible predators of snails) from entering the breeding units, the units are covered and closed. Also, people entering the farm will be required to follow relevant health protocols to avoid the transfer of salmonella to the snails.

This also prevents any snails from escaping the units to the outside environment.

The daily cleaning of the units, as well as various security measures will be implemented to ensure the spreading of diseases and viruses.

With reference to section 5.1, metal sheets will be placed in each unit, ensuring the snails cannot escape.

An electric fence will surround the internal growing pens.

## **5.8 TRANSPORT REQUIREMENTS**

Workers will be transported with cars to site on a daily basis (~ maximum 5 cars). Feed deliveries would be done on a weekly basis by a truck.

A maximum of ~one truck per day (20 / 40 feet size) would transport the harvested snails to the Walvis Bay Port during the two month of harvesting period.



## 6. EIA PROCESS

The main objectives of the EIA process are to:

- Provide information on the proposed Snail Production Project activities and facilities / infrastructure.
- Describe the current environment in which it will be situated.
- Identify, in consultation with I&APs, the potential negative and positive environmental aspects.
- Assesses the associated potential impacts of the proposed project.
- Report on measures required to avoid impacts or mitigate such impacts to acceptable levels.

The likely steps and timeframes of the EIA process are provided in Table 1.

**Table 1: EIA Process for the proposed Snail Production Project**

STEPS IN THE EIA PROCESS
<b>PHASE I: Project Initiation &amp; Internal Screening (May- July 2021)</b>
<ul style="list-style-type: none"><li>• EIA project initiation.</li><li>• Notify MAWLR and MEFT through the submission of the EIA Application Form and online (MEFT) Registration.</li><li>• Site visit and identify environmental issues.</li><li>• Identify key stakeholders.</li></ul>
<b>PHASE II – Combined Scoping &amp; Assessment Phase and Environmental Management Plan (EMP) (July – October 2021)</b>
<ul style="list-style-type: none"><li>• Notify other regulatory authorities and I&amp;APs of the proposed project (via newspaper advertisements, this document, emails, site notices).</li><li>• Conduct key stakeholder focus group meetings.</li><li>• Carry out specialist investigation.</li><li>• Assess the potential impacts of the proposed Snail Production Project activities and compile a Scoping (including impact assessment) Report and EMP.</li><li>• Distribute the EIA reports for review and comment by regulatory authorities and I&amp;APs.</li><li>• Consider comments received and compile the final reports (including an Issues and Response Report).</li><li>• Submit the final reports to the MAWLR and MEFT for their review and decision-making.</li></ul>

## 7. KEY ISSUES RELATED TO THE PROPOSED SNAIL PRODUCTION PROJECT

Potential environmental issues (i.e. aspects / potential impacts), that need to be assessed as part of the EIA, associated with the proposed Snail Production Project, include:

- Biosecurity risks of accidental introduction of non-native snail species and associated direct and indirect impacts to the ecosystem.
- General disturbance of biodiversity during the construction of the facility.
- Attracting of insects and scavengers / birds.
- Impacts on soil, groundwater and surface water from effluent discharge during construction and operational phases.
- Potential negative impacts on current (surrounding) land use activities.
- Health and safety concerns to nearby land owners.
- Nuisance-related disturbance, i.e. odours and road traffic increase with associated impacts.
- Spreading of diseases / pests.
- Positive economic impacts associated with income and employment.

## 8. INVITATION TO REGISTER AND COMMENT

Please complete the enclosed registration/comment form or contact Namisun to register as an I&AP.

For comments to be included in the Scoping (including Impact Assessment) Report they must reach Namisun by **no later 6 August 2021**.

**RAINY DAY INVESTMENTS 47 (PTY) LTD**

**ENVIRONMENTAL IMPACT ASSESSMENT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION**

**I&AP REGISTRATION AND COMMENTS FORM**

**DATE:**

**I&AP PARTICULARS:**

**NAME AND SURNAME:**

**ORGANISATION:**

**E-MAIL:**

**TEL & CELL PHONE NUMBERS:**

**PLEASE IDENTIFY YOUR INTERS IN THE PROPOSED PROJECT:**

**PLEASE PROVIDE YOUR COMMENTS / QUESTIONS:**

**From:** Werner Petrick [mailto:wpetrick@namisun.com]

**Sent:** Thursday, 22 July 2021 11:57

**Subject:** EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Dear Sir/Madam

**EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION**

This email and attached background information document (BID) provides notification under the Environmental Management Act, 7 of 2007 and Regulation 21 of the Environmental Impact Assessment (EIA) Regulations, of an application for an environmental clearance certificate by Rainy Day Investments 47 (Pty) Ltd for their proposed Snail Production Project at the Swakop River plots (i.e. Plot number 88).

Namisun Environmental Projects & Development (Namisun) has been appointed by Rainy Day Investments as the independent Environmental Assessment Practitioner to undertake the EIA process for the proposed project.

**Registration to receive notifications / information and opportunity to comment:**

To register as an interested and/or affected party for the proposed Project, please submit your name and contact details to Namisun by e-mail, or by contacting Werner Petrick. Please refer to the attached BID for further information regarding the proposed activities and EIA process.

If you would like your comments to be addressed in the EIA Scoping Report please submit them to Namisun by **no later than 6 August 2021**.

Please note that due to COVID-19 restrictions, only focus group meetings are planned within the comments and registration period. Should you like to be invited to one of the Focus Group meetings, please contact Namisun. Should you have any queries in this regard please do not hesitate to contact the undersigned.

Yours sincerely,



Werner Petrick  
+264(0)81 739 4591



## NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

### RAINY DAY INVESTMENTS 47 (PTY) LTD'S PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Rainy Day Investments 47 (Pty) Ltd ("Rainy Day Investments") herewith gives notice in terms of the Environmental Management Act, 7 of 2007 and Regulation 21 of the Environmental Impact Assessment (EIA) Regulations (January 2012), of their proposed land based snail breeding facility near Swakopmund.

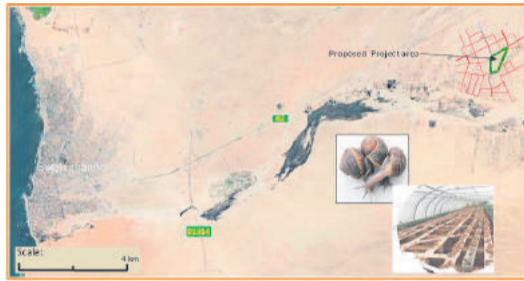
Prior to implementing the proposed Project activities, an EIA process will be conducted and an application for an environmental clearance certificate will be submitted to the Ministry of Agriculture, Water and Land Reform, as the competent authority who will review and forward the application to the Ministry of Environment, Forestry and Tourism (Environmental Commissioner) in terms of the above mentioned regulations. This advertisement forms part of the EIA public participation process.

**Applicant:** Rainy Day Investments 47 (Pty) Ltd.

#### Nature and location of the proposed activity:

Rainy Day Investments propose to establish a 5 ha export-based snail meat farm with a yearly capacity of 650 tons for the European markets, based on cutting edge exclusive "know how" technology. The *Cornu aspersum* snail will be bred on the proposed farm. This snail species is known by the common name (brown) 'garden snail', which is a species of land snail in the family Helicidae.

The proposed production activities include the following: Import of live snails (once off); egg and hatching; juvenal & fattening stage; collection and packing; and export.



The proposed snail breeding farm area is situated on Plot number 88 (Swakop River plots), approximately 15 km east of Swakopmund

#### Independent Environmental Assessment Practitioner:

Namisun Environmental Projects & Development (Namisun) has been appointed by Rainy Day Investments as the independent Environmental Assessment Practitioner to undertake the EIA process for the proposed project.

Contact Person: Werner Petrick

Tel: +264 (0)81 739 4591

E-mail: wpetrick@namisun.com

#### Registration to receive notifications / information and opportunity to comment:

To register as an interested and/or affected party for the proposed Project, please submit your name and contact details to Namisun by e-mail, or by contacting Werner Petrick. A Background Information Document (BID) is available for a review and comment period from **22 July to 6 August 2021**. Electronic copies of the BID are available on request from Namisun as per above details.

If you would like your comments to be addressed in the EIA Scoping Report please submit them to Namisun by **no later than 6 August 2021**.



## MARIENTAL MUNICIPALITY

### LEGAL NOTICE

The Mariental Municipality intends to close a portion of a Cemetery as well as a Public Open Space erf in line with the relevant provisions of the Local Authorities Act, Act 23 of 1992 and subsequently apply to the Urban and Regional Planning Board for rezoning and cadastral changes in line with the relevant provisions of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018) and its concomitant regulations. The full scope of statutory processes is as follows:

- **SUBDIVISION OF ERF 1251 MARIENTAL EXTENSION 6, INTO PORTION 'A' AND THE REMAINDER.**
- **PERMANENT CLOSURE OF PORTION 'A' AS "CEMETERY" IN TERMS OF ARTICLE 45 (2) OF THE LOCAL AUTHORITIES ACT OF 1992 (ACT 23 OF 1992).**
- **REZONING OF ERF 'A' FROM "CEMETERY" TO "RESIDENTIAL" WITH A DENSITY OF 1/900M<sup>2</sup>.**
- **PERMANENT CLOSURE OF ERF 1469 MARIENTAL EXTENSION 6, AS "PUBLIC OPEN SPACE" IN TERMS OF ARTICLES 50 (1)(c) & 50 (3), OF THE LOCAL AUTHORITIES ACT OF 1992 (ACT 23 OF 1992).**
- **SUBSEQUENT REZONING OF ERF 1469 FROM "PUBLIC OPEN SPACE" TO "RESIDENTIAL" WITH A DENSITY OF 1/900M<sup>2</sup>.**
- **CONSOLIDATION OF PORTION 'A' AND ERF 1469 MARIENTAL EXTENSION 6, INTO CONSOLIDATED "ERF A" AND**
- **SUBDIVISION OF CONSOLIDATED ERF "A" INTO 22 PORTIONS AND THE REMAINDER.**

Erven 1251 and 1469 Mariental Extension 6 are located in close proximity to the Mariental High School Boys Hostel and the Mariental Town Cemetery. Erf 1251, Mariental Extension 6 is zoned "Cemetery" and measures ± 96 926 m<sup>2</sup> in extent. Erf 1469 Mariental Extension 6 is zoned "Public Open Space" and measures ± 16 480 m<sup>2</sup> in extent. Erf 1469 partly accommodates a river course and Erf 1251 currently accommodates the Mariental Town Cemetery – the subdivision would still leave ample space for the expansion of said cemetery and would create smaller POS erven. The primary intention of the Mariental Municipality is to create residential erven that is much needed and such shall be developed in compliance with the Mariental Town Planning Scheme.

Please take note that a copy of the relevant plans is affixed for inspection on the Mariental Municipality Notice Board and at the Aimablaagte Municipal Office. Take note that a similar notice shall duly be advertised in the Government Gazette and is affixed on site. The neighbouring erf owners/occupants have also been duly notified. Further take note that any person objecting to the proposed statutory procedures as set out above, may lodge such objection together their grounds thereof, with the CEO of the Municipality of Mariental in writing on or before **18 August 2021**.

**Applicant:**

#### Chief Executive Officer

Mariental Municipality

P. O. Box 110

MARIENTAL

In association with:

#### Van Rooi & Associates

Urban & Regional Planners

P. O. Box 90097

Klein Windhoek

081 122 5877

gb\_vanrooi@yahoo.co.uk

how can we help you?

find your dream career.



FNB Namibia is an equal opportunity employer and is looking for an ethical, dynamic, analytical, methodical, energetic, accountable and mature team player for the following role:

### Credit Origination and Ongoing Credit Risk Management Head BUSINESS UNIT: FNB Namibia Commercial Credit

#### Purpose

To oversee, strategically manage and lead the functions of the credit risk management teams and portfolios across sub-segments in area of responsibility.

#### Qualifications and Experience

- Qualified Chartered Accountant, Chartered Financial Analyst or relevant Master's Degree
- 5-8 years' experience in a Commercial or Corporate Banking environment specializing in Credit
- Sound understanding of Bank credit ratings for companies, portfolio theory and credit principles
- Credit origination experience in specialized lending solutions such as leverage finance, property finance, debtor finance, asset finance, term lending and working capital. Sound knowledge of securities and contractual capacities

Appointment will be made in accordance with our EE plan.

If this proves to be the challenge you are looking for, please visit our website [www.fbnamibia.com.na](http://www.fbnamibia.com.na) (click on the Careers tab) for more information and to submit your application.

**Closing date: 29 July 2021**

**Please note:** Only shortlisted candidates will be contacted. Ensure documents are in PDF format when uploading. Applicants will be subjected to ITC and reference checks.

FNB

Call us on 061 299 2222 or visit [www.fbnamibia.com.na](http://www.fbnamibia.com.na)



## VACANCIES

Seelenbinder Consulting Engineers cc a well established multi-disciplinary consulting engineering firm has vacancies in their Windhoek Office for a:

### MECHANICAL, ELECTRICAL AND CIVIL ENGINEER

- **MECHANICAL ENGINEER** shall be fluent with specialised air conditioning and ventilation systems for data centres. Interested candidates shall have a good understanding of the relevant mechanical codes of practices and standards and shall be fluent and accurate in designing & specifying mechanical systems.
- **ELECTRICAL ENGINEER** shall have a good understanding of the relevant electrical codes of practices and standards and shall be fluent and accurate in designing & specifying electrical systems.
- **CIVIL ENGINEER** shall have a good understanding of the relevant civil codes of practices and standards and shall be fluent and accurate in designing & specifying civil systems.

*Qualifications for the above positions:*

- B Eng or B Tech degree
- Registered as Professional / Incorporated Engineer with ECN
- For the mechanical & electrical engineering positions, a minimum of 5 years' experience in Building Services Engineering is required
- For the civil engineering position, a minimum of 7 years' experience in Civil Engineering Infrastructure is required
- Excellent communication skills in English and proficient with technical report writing
- Driving License

*Fully proficient in:*

- Microsoft Office
- MS Project
- Autodesk: Revit, Autocad & Civil Designer

A competitive remuneration package is offered and will depend on qualification and experience. Interested candidates **fulfilling the above criteria** must submit their applications together with their CV's to:

#### SEELLENBINDER CONSULTING ENGINEERS CC

Omake House, 156 Jan Jonker Road

Tel +264 61 235000

E-mail: [marlene.pretorius@sce.com.na](mailto:marlene.pretorius@sce.com.na)

Closing date for applications: **Friday, 6 August 2021**

**ONLY SHORT LISTED CANDIDATES WILL BE NOTIFIED**






**ADVERTISEMENT**


ESI, one of Namibia's leading business law firms and member of DLA Piper Africa, requires the services of an **ACCOUNTS AND ADMINISTRATION CLERK** with at least **3 years' experience**, to commence employment at our offices in Windhoek. The firm invites interested candidates who are willing to share in our values of being 'supportive', 'collaborative', 'bold' and 'exceptional' to apply.

**Minimum Requirements:**

- Namibian Citizen / Permanent Resident
- Matric certificate with Mathematics and Accounting on Ordinary Level
- Certificate/diploma or comparable qualification in accounting will be advantageous
- At least 3 years' professional experience in a comparable position within a law firm
- In-depth knowledge of legal accounting and trust account management
- In depth knowledge of accounting software (**Ghost Practice** will be an advantage) and general practices
- Good working knowledge of IT technologies (related software, phone, email, the internet) and computer applications (e.g. MS Office)
- Confidential handling of data and information
- Excellent listening and communication skills
- Excellent management and organisational skills, with a strong attention to detail
- Willingness to upskill as required
- Motivated and able to work under pressure
- Fluency in English and Afrikaans. Additional languages will be an added advantage.
- Work experience at a law firm will be an advantage.

**Application details:**  
**Email CV's to:** [katrina@esinamibia.com](mailto:katrina@esinamibia.com)  
**Closing date:** **04 August 2021**

*Only short-listed candidates will be contacted.*



**how can we help you?**

**find your dream career.**

FNB Namibia is an equal opportunity employer and is looking for an ethical, dynamic, analytical, methodical, energetic, accountable and mature team player for the following role:

**Chief Information Officer**  
**FNB Namibia Information Technology**

**Purpose**  
 To formulate and implement the Group Information Technology strategy as well as lead and direct key technology initiatives and projects within the Group.

**Responsibilities**

- Lead and manage a team of managers to deliver high availability and service excellence in IT operations
- Ensure availability, support and maintenance of all systems in accordance with its business criticality, including capacity management and proactive monitoring and management
- Deliver projects in accordance with business requirements and agreed project timelines
- Define, negotiate and manage agreements with external vendors/suppliers in conjunction with central IT procurement
- Drive continuous improvement through the application of best practice. Initiate projects that improve the effectiveness and efficiency of IT, including business case development and financial analysis
- Manage IT operations budgets in support of business goals
- Ensure quality and quantity of service delivery in support of service level agreements
- Ensure appropriate lifecycle management of all IT infrastructure components including systems software, hardware and periphery devices
- Manage performance of the team. Participate in development of IT strategy in support of business objectives with particular focus on operational and service excellence
- Drive all initiatives and deliverables within the context of business expectations and outcomes
- Establish and build relationships with key business stakeholders and other relevant business units

**Additional Requirements**

- A proven track record in managing IT shared services and large-scale IT projects in a decentralised organisational structure
- A sound IT functional knowledge and experience in systems development and IT operations as well as an understanding of business processes


**Qualifications and Experience**

- Post-Graduate Degree in Information Systems, Computer Science or other quantitative discipline from accredited school
- 8 - 12 years in a similar environment of which 3 - 4 years ideally at Executive level


**How to apply**  
 If this proves to be the challenge you are looking for, please forward your CV to [RArowolo@fbnamibia.com](mailto:RArowolo@fbnamibia.com) and [LSllinger@fbnamibia.com](mailto:LSllinger@fbnamibia.com).

**Closing date: 31 July 2021**

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Call us on 061 299 2222 or visit [www.fbnamibia.com](http://www.fbnamibia.com)



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The proposed snail breeding farm area is situated on Plot number 88 (Swakop River plots), approximately 15 km east of Swakopmund

**Independent Environmental Assessment Practitioner:**  
 Namisun Environmental Projects & Development (Namisun) has been appointed by Rainy Day Investments as the independent Environmental Assessment Practitioner to undertake the EIA process for the proposed project.  
 Contact Person: Werner Petrick  
 Tel: +264 (0)81 739 4591  
 E-mail: [wpetrick@namisun.com](mailto:wpetrick@namisun.com)

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If you would like your comments to be addressed in the EIA Scoping Report please submit them to Namisun by **no later than 6 August 2021**.





**INVITATION TO TENDER**

INVESTMENT CONSULTING SERVICES AND ACTUARIAL SERVICES

The Protektor Namibia Preservation Pension and Provident Funds require **Investment Consulting Services** and the appointment of a **Valuator to perform Actuarial Services** for the Funds.

**Interested persons / companies may obtain the Tender Document from:**


**MS CHANTAL FREDERICKS**  
**Email:** [cfredericks@oldmutual.com](mailto:cfredericks@oldmutual.com)

Tender documents are available from Thursday, 29 July 2021 to Friday, 27 August 2021.


**Closing Date to submit Tender:** Friday, 27 August 2021.

Only shortlisted persons / companies shall be contacted and no documents shall be returned.

**PROTEKTOR NAMIBIA PRESERVATION PENSION FUND**  
**PROTEKTOR NAMIBIA PRESERVATION PROVIDENT FUND**



DO GREAT THINGS EVERY DAY



**From:** Werner Petrick [mailto:wpetrick@namisun.com]

**Sent:** Monday, 27 September 2021 19:59

**Subject:** EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Dear Sir / Madam

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND, ERONGO REGION**

With reference to earlier correspondence regarding the above mentioned project and EIA process, please be advised that the EIA Scoping (including Impact Assessment) Report and Environmental Management Plan are now available for review and comment.

A hard copy of the full report (including all Appendices) is available at the Swakopmund Public Library, from the 27<sup>th</sup> of September 2021.

Attached, please find the Main Report (excluding Appendices). An electronic copy of the full report is also available on request to Namisun.

Please send any comments you might have on the report to the undersigned **by 25 October 2021**.

Yours sincerely,



Werner Petrick  
+264(0)81 739 4591





### NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

#### RAINY DAY INVESTMENTS 47 (PTY) LTD'S PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Rainy Day Investments 47 (PTY) Ltd ("Rainy Day Investments") herewith gives notice in terms of the Environmental Management Act, 7 of 2007 and Regulation 21 of the Environmental Impact Assessment (EIA) Regulations (January 2012) of their proposed land based snail breeding facility near Swakopmund.

Prior to implementing the proposed Project activities, an EIA process will be conducted and an application for an environmental clearance certificate will be submitted to the Ministry of Agriculture, Water and Land Reform, as the competent authority who will review and forward the application to the Ministry of Environment, Forestry and Tourism (Environmental Commissioner) in terms of the above mentioned regulations. This advertisement forms part of the EIA public participation process.

**Applicant:** Rainy Day Investments 47 (Pty) Ltd.

#### Nature and location of the proposed activity:

Rainy Day Investments propose to establish a 5 ha export-based snail reed farm with a yearly capacity of 800 tons for the European market, based on cutting edge exclusive 'know how' technology. The *Cornu aspersum* snail will be bred in the proposed farm. The snail species is known by the common name 'brown' garden snail, which is a species of land snail in the family Helicidae.

The proposed production activities include the following: import of live snails (once off), rigging and hitching, general & finishing stage, collection and packing and export.

The proposed snail breeding farm area is situated on Plot number 08 (Swakop River) (PFA), approximately 15 km east of Swakopmund.



#### Independent Environmental Assessment Practitioner

Namisun Environmental Projects & Development (Pty) Ltd has been appointed by Rainy Day Investments as the Independent Environmental Assessment Practitioner to undertake the EIA process for the proposed project.  
Contact Person: Willem Petrus  
Tel: +344 (0)81 730-4351  
E-mail: [work@namisun.com](mailto:work@namisun.com)

#### Registration to receive notifications / information and opportunity to comment

To register as an interested and/or affected party for the proposed Project, please submit your name and contact details to Namisun by e-mail, or by hand-delivering Avenue Namisun. A Background Information Document (BID) is available for a review and comment period from 22 July to 6 August 2021. Electronic copies of the BID are available on request from Namisun as per above details.  
If you would like your comments to be addressed in the EIA Scoping Report please submit them to Namisun by no later than 6 August 2021.



# MUNICIPALITY OF SWAKOPMUND

**Ref No:** 16/2/7/2/5

**Enquiries:** P Engelbrecht

 (064) 4104400  
 (064) 4104125  
Fax2email: 0886519137  
 53 Swakopmund  
NAMIBIA  
 [www.swkmun.com.na](http://www.swkmun.com.na)  
 [townengineer@swkmun.com.na](mailto:townengineer@swkmun.com.na)

16 August 2021

NAMISUN  
P O Box 8127  
SWAKOPMUND  
Namibia  
13001

 [wpetrick@namisun.com](mailto:wpetrick@namisun.com)

Dear Mr Patrick


## EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Your request for a letter of consent from the Municipal Council for the proposed snail production project at the Swakopmund River plots are hereby acknowledge.

The following documents must be submitted to the Office of the General Manager: Engineering & Planning Services:

- A copy of the Final and approved Environmental Scoping Report
- A Copy of the Environmental Management Plan for the project
- A copy of the Environmental Clearance Certificate from the Ministry of Environment, Forestry and Tourism

For any enquiries contact the Environmental Officer, Ms Paulina Engelbrecht, at telephone number (064) 4104438 / 0811438766 or [pengelbrecht@swkmun.com.na](mailto:pengelbrecht@swkmun.com.na).

Swakopmund Municipality  
Yours faithfully,  
  
2021-08-17  
General Manager  
C McClune  
Engineering & Planning Services

**GENERAL MANAGER: ENGINEERING & PLANNING SERVICES**



# THE PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND, ERONGO REGION

## Comments received from IAPs<sup>1</sup>

### Mail 1:

**From:** Annalize Swart [mailto:aswart@swkmun.com.na]

**Sent:** Thursday, 22 July 2021 11:59

**To:** Werner Petrick <wpetrick@namisun.com>

**Subject:** RE: EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Dear Sir/Madam

We acknowledge receipt of your recent communication and kindly be informed that the matter will receive the necessary attention.

### **Annalize Swart**

Executive Assistant to the Chief Executive Officer

Audit & Risk Committee | Filming | Events | Aesthetics

Municipality Swakopmund

XX

### Mail 2:

**From:** Reinet Binneman [mailto:reinetbinneman@gmail.com]

**Sent:** Thursday, 22 July 2021 14:42

**To:** Werner Petrick <wpetrick@namisun.com>

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<sup>1</sup> Note: Formatting of e-mails modified to fit the report

**Subject:** Re: EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Thank you Werner - well received.

XX

**Mail 3:**

Dear Mr Petrick,

Our company, Three Sixty Consult would like to register as an interested party.

Kindly send us the electronic copies of the BID also.

Contact details:

Mr Bennie Buys

[bennie@evolvedhr.com.na](mailto:bennie@evolvedhr.com.na)

Warm Regards



XX

**Mail 4:**

**From:** Laurica Afrikaner [mailto:laukeis@gmail.com]

**Sent:** Monday, 26 July 2021 13:07

**To:** Werner Petrick <wpetrick@namisun.com>

**Subject:** Re: EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Good day Mr Petrick

Information received but please note for future reference all the information on EIA or Environmental clearance certificates should be submitted to Ms Maria Amakali who is the Director of Water Resources Management. She acknowledges receipt and forwards

the information to the relevant Divisions. [Maria.Amakali@mawlr.gov.na](mailto:Maria.Amakali@mawlr.gov.na) is her email address.

regards

Laurica

XX

**Mail 5:**

**From:** Anja Kreiner [mailto:Anja.Kreiner@mfmr.gov.na]  
**Sent:** Monday, 26 July 2021 15:18  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Cc:** 'Adriaan Grobler' <adriaan.grobler@lithon.com>; 'Gert Grobler' <gert.grobler@LITHON.COM>; 'Dr Judex Oberholzer' <judex@urban-econ.com>; Victor Libuku <Victor.Libuku@mfmr.gov.na>; 'imran' <imran@edvalue.co.za>; 'ori wettenstein' <oriwet@gmail.com>; erichdennis.petrus@gmail.com; shoopala@yahoo.com  
**Subject:** RE: EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

Dear Werner,

As this project is on land (quite a distance from the shore) and no marine species is involved, there are not permits/permissions needed from MFMR for this project.

Regards

Anja

XX

**Mail 6:**

**From:** Nico Scholtz [mailto:nico@scarab.com.na]  
**Sent:** Wednesday, 28 July 2021 10:31  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS

Thanks Werner

Ek dink die groot faktor hier vir my is afval en waar al die mense gaan bly wat die geboue oprig en in die produksie fase

Groete

XX

**Mail 7:**

**From:** Roy Liesching [mailto:royliesching1@gmail.com]

**Sent:** Thursday, 29 July 2021 11:48

**To:** wpetrick@namisun.com

**Subject:** Snail Farm

Good day

Thank you for the EIA information on the proposed snail farm. I fully support this development however have a concern or 2 as the 28 hectare plot borders on my property. My major concern is the work force and possible increase in theft. Are there any plans to put up a security type fence around the border fence.

Please keep me informed of developments.

I will phone you shortly

Regards

Roy

081 240 3408

XX

**Mail 8:**

**From:** Nadine Kohlstaedt [mailto:info@scientificsocietyswakopmund.com]

**Sent:** Sunday, 01 August 2021 14:29

**To:** wpetrick@namisun.com

**Subject:** Rainy Day Snail Production

Dear Werner,



I hope this email finds you well and that you and your family have been spared from COVID-19!

Please register me as IAP for the above and please cover how introduction of a foreign species to the environment will be prevented.

Kind regards,

Nadine

XX

**Mail 9:**

**From:** Mike & Ann Scott [mailto:ecoserve@iway.na]  
**Sent:** Wednesday, 04 August 2021 10:33  
**To:** 'Werner Petrick' <wpetrick@namisun.com>  
**Subject:** RE: EIA registration

Hi Werner

Thanks for the BID, and good to chat to you again.

It does seem to be the same snail as the one found in Cape Town gardens (Cornu aspersum, formerly Helix aspersa; said to have been introduced to southern Africa as a food animal by Huguenots in the 18<sup>th</sup> century)

[https://en.wikipedia.org/wiki/Cornu\\_aspersum](https://en.wikipedia.org/wiki/Cornu_aspersum)).

As discussed, a concern would be the potential for escape; however, it looks as though this aspect has received attention, according to the BID.

Good luck with the EIA!

Regards

Ann & Mike

XX

**Mail 10:**

**From:** Mike & Ann Scott [mailto:ecoserve@iway.na]  
**Sent:** Tuesday, 28 September 2021 12:25  
**To:** 'Werner Petrick' <wpetrick@namisun.com>

**Subject:** RE: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Hi Werner

Thanks – nice report, like your layout too.

Best regards

Ann & Mike

XX

**Mail 11:**

**From:** Reinet Binneman [mailto:reinetbinneman@gmail.com]  
**Sent:** Tuesday, 28 September 2021 14:03  
**To:** Rolf Forster <rolf.tasso@gmail.com>  
**Cc:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Good day mr Forster

I forward your question to Werner, he is the one involved in the EIA and can convey your question to the right people.

Thank you & kind regards

On Tue, 28 Sept 2021 at 08:30, Rolf Forster <[rolf.tasso@gmail.com](mailto:rolf.tasso@gmail.com)> wrote:

hi reinet,

will you make a profit when your water and electricity bill will be 136000.00 nam dollar a month only? regards rolf

XX

**Mail 12:**

**From:** Charles Cleghorn [mailto:cleghornconsult@gmail.com]  
**Sent:** Tuesday, 28 September 2021 14:34  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Hi Werner

Thanks for the update, are you able to send me the xtra docs as I am not in the country at the moment?

Thanks and regards

Charles

XX

**Mail 13:**

**From:** Johannes Shoopala [mailto:Johannes.Shoopala@mawlr.gov.na]  
**Sent:** Tuesday, 28 September 2021 15:06  
**To:** wpetrick@namisun.com  
**Cc:** shoopala@yahoo.com  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Dear Werner

Thank you very much for the document.

1. From the animal health perspective, I suggest that you include the animal health strategy of the project. Despite the Directorate of Veterinary Services (DVS) being part of the Ministry of Agriculture, Water and Land reform, still under animal health and biosecurity, the role of DVS as a competent authority must come out clear, as articulated in the animal health act 1 of 2011.

2. In addition, although you will be exporting live animals, if they will end up for human consumption, you also need to take into consideration the residue in meat, which has to start with production. In this regards, double verify the EU regulations on this matter, as it will requires an approved residue control program in place in line with the importing county and Namibia's Prevention of residue in meat (act 21 of 1991).

I also take it that the value chain is limited to live snails, and no slaughtering is earmarked for this project ( otherwise that has other requirements).

Regards  
Dr J Shoopala  
Deputy Chief Veterinary Officer  
Directorate of Veterinary Services  
Ministry Of Agriculture, Water and Forestry  
Tel: +264612087513  
Fax: +264612087779  
mail: [jmailto:johannes.shoopala@mawf.gov.na](mailto:johannes.shoopala@mawf.gov.na)

XX

**Mail 14:**

**Sent:** Tuesday, 28 September 2021 15:27  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Good day Mr Petrick

Please send all EIA'S related matters to our Director Ms Maria Amakali ([Maria.Amakali@mawlr.gov.na](mailto:Maria.Amakali@mawlr.gov.na)) she will acknowledge receipt and distribute to relevant Divisions in the Directorate. I am not the correct person

regards

Laurica

XX

**Mail 15:**

**From:** Reinet Binneman [mailto:reinetbinneman@gmail.com]  
**Sent:** Wednesday, 29 September 2021 12:07  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Fwd: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Fyi

----- Forwarded message -----  
**From:** Siegfried Eckleben <[seckleben@gmx.net](mailto:seckleben@gmx.net)>  
**Date:** Wed, 29 Sep 2021, 11:56  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND  
**To:** Reinet Binneman <[reinetbinneman@gmail.com](mailto:reinetbinneman@gmail.com)>

Hello Reinet,

There seems to be a typo in the report:

*3.6 Biosecurity and access control*

Daily cleaning of the units, as well as various strict biosecurity protocols (see the EMP in section 10 of this report), will be implemented to ensure the spreading of diseases and viruses.

Best regards

Siegfried Eckleben

Siegfried Eckleben  
P.O.Box 933  
13001 Swakopmund  
NAMIBIA  
phone +26464400722  
mobile +264855604133  
[www.seckleben.com](http://www.seckleben.com)  
[www.isabels-art.com](http://www.isabels-art.com)

XX

**Mail 16:**

**From:** Heidi Currie Potgieter [mailto:heidi@ecobluemarine.com]  
**Sent:** Friday, 01 October 2021 08:17



**To:**  
**Subject:** Namisun snail farm

wpetrick@namisun.com

Dear Sir,

Kindly send me appendixes B,C,D and E from the snail scoping report IAP review referred therein. In the copy I have the appendixes are empty.

We are owners of a plot to the north of the proposal, with a substantial number of olive trees, and would like to see the minutes of the meetings held with plot owners etc, as have only heard about this now.

Thank you,

Heidi

XX

**Mail 17:**

**From:** Heidi Currie Potgieter [mailto:heidi@ecobluemarine.com]  
**Sent:** Friday, 01 October 2021 19:52  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: Namisun snail farm

Thank you.

Who is the owner of the plot on which the snail farm is proposed?

Where is your plot?

Have a good weekend.

Heidi

XX

**Mail 18:**

**From:** Got Produce [mailto:gotpfi@gmail.com]  
**Sent:** Wednesday, 06 October 2021 11:56  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Cc:** Jean Theron - A Kornblum & Co <jeanthe@iway.na>  
**Subject:** Re: EIA FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT NEAR SWAKOPMUND

Good afternoon Werner,

Thank you for sending a copy of the EIA. I still have concerns over the handling of snail eggs and am requesting that that be more fully addressed in the final report. Reading the current report, I understand that the waste from the snails will be used as a compost for growing grass as feed. My concern is that there is no mention on how to eliminate snail eggs from being discarded with the waste. Taking anything from inside the enclosed greenhouse space outside, is an opportunity for eggs to be carried- and thus 'released' into the outdoors. I am aware that one solution is to use Diatomaceous Earth as a physical

boundary around the enclosures as well as any open areas to prevent new snail hatchlings from crossing. I would like to see other options for addressing the problem as well.

Thank you for your consideration on this matter,

Deb

Plot 130,

085 641 2003

Got Produce? Franchising Inc

[www.gotproduce.world](http://www.gotproduce.world)

XX

**Mail 19:**

**From:** Heidi Currie Potgieter [mailto:heidi@ecobluemarine.com]  
**Sent:** Sunday, 24 October 2021 14:58  
**To:** Werner Petrick <wpetrick@namisun.com>  
**Subject:** Re: Namisun snail farm

Dear Werner,

In principle, we would not oppose clean, transparent, safe, uplifting projects. However, I would like to be as sure as possible that that could and would be the case, and at this stage I am not sufficiently at ease about that.

Regarding potential risks to surrounding plot owners I am particularly concerned about some of the aspects mentioned in the specialist report, such as known threats and damage to olive groves, grape vines and citrus listed as having occurred in various countries, including South Africa. Also potential disease spread etc.

(In principle I am hoping that due to the harsh desert environment, any accidental escapee snails will not survive very easily, which the report tries to emphasise as well, however,) I would like to understand more re the following:

Kindly provide more details regarding our queries below, *beyond* what I could find in the scoping report thereon, as the EMP should theoretically also cover these aspects.

I prefer to first receive written feedback regarding our queries and concerns, as this makes it a lot easier, more transparent, accountable and clearer for follow-up if needed. If still necessary after sufficient written feedback we could possibly discuss more by phone / meeting.

- MEFT (Ministry of Env't, Forestry, Tourism) approval for introduction of alien species and associated safeguards in the event of problems: What does this entail, and are there any safeguards to be implemented and considered?
- The report keeps on referring to **bio-safety protocols** and the associated **Biosafety Act** but please provide more details and clarity regarding this: What are the specific requirements, **procedures, legal sections and regulations**, other (than inspections, net enclosure and electric plate / fence referred to)?
- What are the best practice protocols for transporting, loading, off-loading snails to and from facility referred to exactly, and what does this entail in more detail;

- Is the EMP (Environmental Monitoring Plan) part of this report or not, because the heading seems to suggest so, but other than some summarizing around p 80 there does not seem to be much of a plan (other than references to keep it updated etc).
- P 86 refers to hazardous waste, how will this be transported to the facilities in Walvis?
- P 85 what is the emergency response procedure?
- P 87 what is a smart city?
- **Is there any form of effective, back-up electricity guaranteed**, as the electric plate sounds like it is an integral aspect of the biosafety protocol and EMP?
- More detail and which **sections** of the **Animal Health Act** requirements specifically pertaining to this project, **import and export regulations**. (MAWLR - veterinary dept, Ministry of Agriculture, Water, Land Reform)
- Who owns or – who are the shareholders owning the plot on which this snail farm is proposed?
- Other than mitigation factors listed in the report, what other recourse / options do surrounding plot owners have, should the snail escape, become invasive, cause substantial crop damage, spread disease etc.?

Kind regards,

Heidi

## RAINY DAY INVESTMENTS 47 (PTY) LTD

### ENVIRONMENTAL IMPACT ASSESSMENT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION

#### **BACKGROUND INFORMATION DOCUMENT**

#### **1. INTRODUCTION**

Rainy Day Investments 47 (Pty) Ltd (i.e. "Rainy Day Investments") intends to develop a land based snail breeding facility near Swakopmund, in the Erongo Region of Namibia (see Figure 1 for the proposed site location).

Rainy Day Investments' Shareholders include Lithon Holdings (Pty) Ltd, a Namibia based Engineering Company and the initial project sponsor; ED Value Consortium, an agri-business development firm, (with strong Israeli Agri-business linkages); Hyperception Properties (Pty) Ltd; and other investors. Touchstone Snail Technologies Ltd ('Touchstone'), a company with international activity, specializing in snail farming and snail processing, will provide the technology and off-take agreement. Touchstone is based in Larnaca-Cyprus.

Rainy Day Investments propose to establish a 5 ha export-based snail meat farm with a yearly capacity of 650 tons for the European markets, based on cutting edge exclusive "know how" technology offered by Touchstone. The *Cornu aspersum* snail will be bred on the proposed farm. This snail species is known by the common name (brown) 'garden snail', which is a species of land snail in the family Helicidae. (It was previously classified under the name *Helix aspersa*, but the prevailing classification now places it in the genus '*Cornu*').

#### **2. ENVIRONMENTAL CLEARANCE APPLICATION**

Prior to the commencement of the proposed Snail Production Project activities, an application for an environmental clearance will be submitted in terms of the Environmental Management Act, 7 of 2007 and

associated environmental impact assessment (EIA) Regulations (January 2012) to the Ministry of Agriculture, Water and Land Reform (MAWLR), as the competent authority.

MAWLR will review the application and relevant reports and submit their comments to the Ministry of Environment, Forestry and Tourism (MEFT) for their final review and decision.

An EIA process will be conducted in terms of the above-mentioned Act and Regulations. Namisun Environmental Projects & Development (Namisun) has been appointed by Rainy Day Investments as the independent Environmental Assessment Practitioner to undertake the EIA process for the proposed Snail Production Project.

#### **3. PURPOSE OF THIS DOCUMENT**

This document has been prepared by Namisun to inform you about:

- The proposed Snail Production Project activities (Section 5).
- The EIA process (section 6).
- Key environmental issues (i.e. aspects and potential impacts) (Section 7).
- How you can register as an interested and /or affected party (I&AP) (sections 4 and 8).

#### **4. PARTICIPATION IN THE EIA PROCESS**

Public participation is an essential part of the EIA process. If you want to register as an I&AP and have input into the EIA process, please refer to the box below. All comments / questions / concerns will be recorded and addressed in the EIA process.

#### **HOW TO REGISTER AS AN I&AP**

Please register as an I&AP and submit any questions or comments by means of the enclosed registration / comment sheet or through communication with Namisun.

Attention: Werner Petrick  
E-mail address: [wpetrick@namisun.com](mailto:wpetrick@namisun.com)  
Cell number: +264 (0)81 739 4591

If you would like your comments to be addressed in the EIA Scoping Report please submit them by **6 August 2021**.

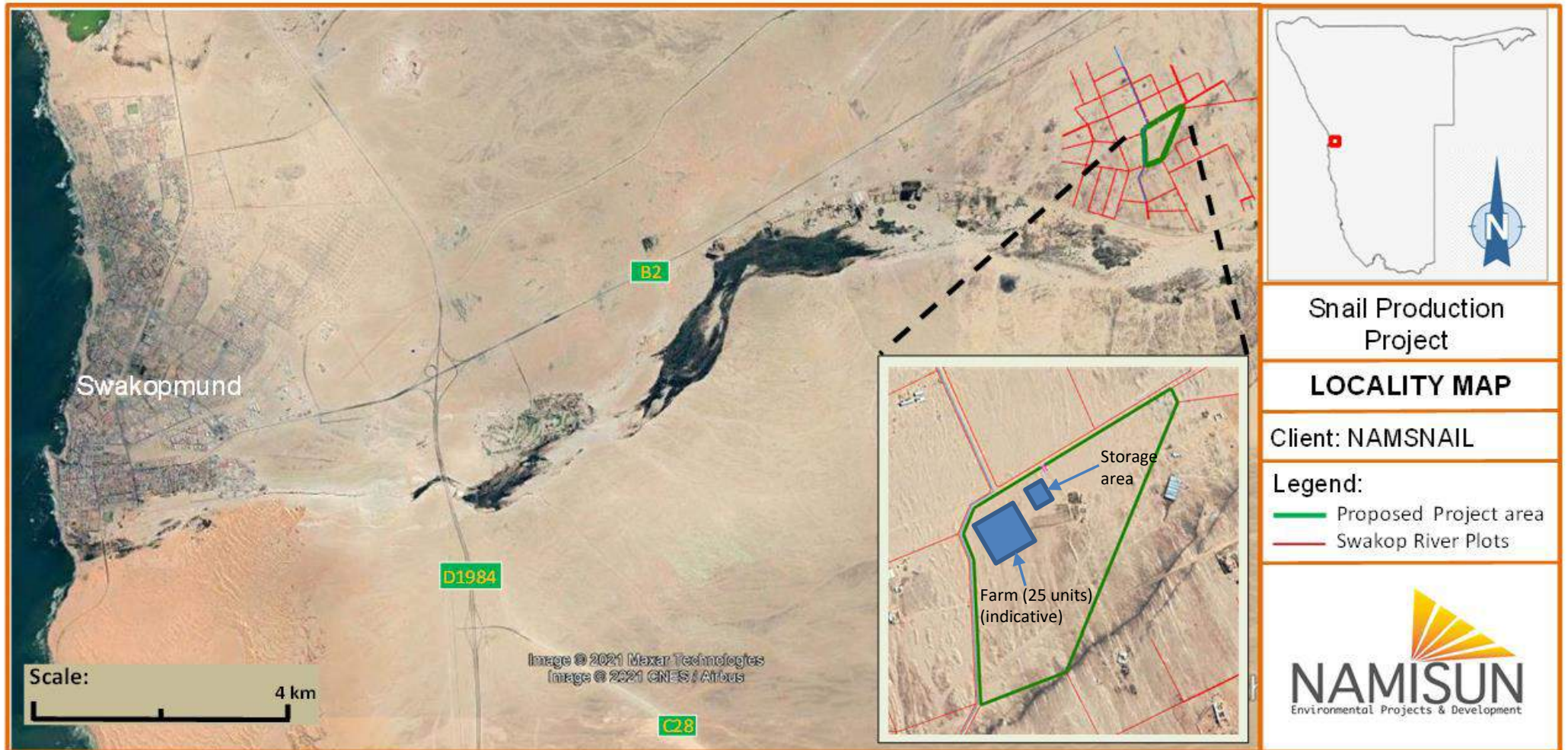


Figure 1: Location of the proposed Snail Production Project near Swakopmund



## 5. DESCRIPTION OF THE PROPOSED SNAIL PRODUCTION PROJECT ACTIVITIES

Rainy Day Investments found the future of the snail market to be very strong. The growth in the popularity of healthy eating and the benefits of incorporating snail's meat in humans' diets, the marketing of products made from snail slime, the emergence of new products like snail caviar, and the growing demands for organic products in the pharmaceutical and cosmetic industries contribute in the upward trend in the snail's market performance.

Touchstone is a pioneer in the snail breeding business. They have developed an innovative breeding method, the so-called "curtain method", that, based on the company's research and experience, has proven to be the most efficient snail breeding method that yields more production than any other breeding method available.

Based on the above mentioned technology, Rainy Day Investments propose to development an environmentally monitored facility to ensure optimal temperature and humidity, as well as high-quality specialized feed and a management protocol. It will be monitored daily through an online management system, further ensuring growth and product quality to be harvested and sold as planned.

### 5.1 PROJECT LOCATION

The proposed snail breeding farm area is situated on Plot number 88 (Swakop River plots), approximately 15 km east of Swakopmund (see Figure 1). Rainy Day Investments believes this location is feasible due to the suitable climate conditions, temperature range throughout the year. suitable soil, overall plot size (i.e. ~28 ha), its proximity to the Port of Walvis Bay, easy access to the main road (B2) and four hours direct drive to the Hosea Kutako International Airport situated east of Windhoek.

### 5.2 PROJECT DESIGN AND PROPOSED ACTIVITIES

The proposed Snail Production Project will involve the construction and the management of a snail breeding unit, of which the following specifications apply:

- Total land area required for 25 breeding units: 5 ha for production, storage and other related infrastructure.
- Dimensions of one breeding unit:
  - Area: 1000 m<sup>2</sup>
  - Width: 10 m.
  - Length: 48 m.
  - Number of arches: 16
  - Minimum height: 1.6 m

- Maximum height: 3.4 m
- Distance between arches: 3 m
- All 25 units will be developed at year 1 and will be fully operational from that year
- One production cycle of about 9 months is planned
- At the start of the production cycle the farm (i.e. 25 units) will contain 30 tons of live snails and at the end of the cycle the farm will yield 650 tons of snails ready for harvest.
- Each breeding unit will consist of a closed green house, with a net around. The greenhouses will be surrounded by a metal sheet installed (50 cm into the ground) around the perimeter of the greenhouse to prevent animals entering the units and snails to escape.
- Each breeding unit bottom would include cultivated local grass species to be used as a natural habitat setup for the snails.
- The internal growing pens will be surrounded by electric fence in order to prevent the snails to escape and specifically the bio-security protocols are maintained. Control of staff and visitors would be done though the farm manager and recorded continuously.



The proposed production activities include the following:



#### **Import of live snails**

Live snails will be imported from Cyprus. Delivery will be from the Walvis Bay port to the farm via trucks, following



strict bio-security protocols. The snails will be delivered in cooling containers, packed in a net bag inside plastic boxes on a pallet. Once the containers arrive at the farm, the snails will be released inside the breeding units.

### ***Egging and hatching***

During this stage baby snails are hatched and grow to a juvenal size. The hatched snails would occur in special cells design for that purpose.

### ***Juvenal & fattening Stage***

During this stage the juvenal snails are starting gaining weight. The snails are fed daily with a special designed formulated feed to be supplied by a dedicated supplier. The snail would gain weight until reached harvest stage estimated to be around 8-10gr each.

### ***Harvesting and packing***

The mature snails will be harvested once a year over a two month period and packed in net bags. The bags will be placed in a plastic box, then loaded on a pallet and directly into cooling containers.

### ***Export***

The snails will be exported to the European market as per the off taker requirements. Refer to section 5.8 for transport requirements.

## **5.3 WATER REQUIREMENTS**

The maximum water consumption for the proposed snail production activities will be ~ 1 825 m<sup>3</sup> / annum, which will be obtained from NamWater. A new HDPE pipeline will be connected to the main NamWater supply pipeline.

## **5.4 POWER SUPPLY**

The electricity requirements would be maximum 21,000 Kw/year. The power supply options being considered include either grid connection to NamPower or a small-scale solar power system.

## **5.5 EMPLOYMENT**

The project would include two phases of employment, as follows:

- Construction phase – approximately 30 workers for the period of 4 months.
- Production phase – 16 full time employees (manager, supervisors and labors) and approximately 60 additional temporary employees for a period of 2 months a year (during the harvest time).

Most staff would be travelling daily to the farm from the Coastal towns. Key staff would likely reside on site.

## **5.6 EFFLUENTS / WASTE**

The waste of the snails, stay on the wood when they are out and active. The wood (with waste) get cleaned daily and any waste would be reused as organic fertilizer in the farm for cultivating the needed grass. Furthermore, any dead snails are also removed on a daily basis and similarly disposed.

The waste on the soil will be used as an additional fertilizer for the grass.

## **5.7 SECURING THE FACILITY**

Only salmonella can affect the snails, which could be transferred from birds. To prevent birds (and any other possible predators of snails) from entering the breeding units, the units are covered and closed. Also, people entering the farm will be required to follow relevant health protocols to avoid the transfer of salmonella to the snails.

This also prevents any snails from escaping the units to the outside environment.

The daily cleaning of the units, as well as various security measures will be implemented to ensure the spreading of diseases and viruses.

With reference to section 5.1, metal sheets will be placed in each unit, ensuring the snails cannot escape.

An electric fence will surround the internal growing pens.

## **5.8 TRANSPORT REQUIREMENTS**

Workers will be transported with cars to site on a daily basis (~ maximum 5 cars). Feed deliveries would be done on a weekly basis by a truck.

A maximum of ~one truck per day (20 / 40 feet size) would transport the harvested snails to the Walvis Bay Port during the two month of harvesting period.



## 6. EIA PROCESS

The main objectives of the EIA process are to:

- Provide information on the proposed Snail Production Project activities and facilities / infrastructure.
- Describe the current environment in which it will be situated.
- Identify, in consultation with I&APs, the potential negative and positive environmental aspects.
- Assesses the associated potential impacts of the proposed project.
- Report on measures required to avoid impacts or mitigate such impacts to acceptable levels.

The likely steps and timeframes of the EIA process are provided in Table 1.

**Table 1: EIA Process for the proposed Snail Production Project**

STEPS IN THE EIA PROCESS
<b>PHASE I: Project Initiation &amp; Internal Screening (May- July 2021)</b>
<ul style="list-style-type: none"><li>• EIA project initiation.</li><li>• Notify MAWLR and MEFT through the submission of the EIA Application Form and online (MEFT) Registration.</li><li>• Site visit and identify environmental issues.</li><li>• Identify key stakeholders.</li></ul>
<b>PHASE II – Combined Scoping &amp; Assessment Phase and Environmental Management Plan (EMP) (July – October 2021)</b>
<ul style="list-style-type: none"><li>• Notify other regulatory authorities and I&amp;APs of the proposed project (via newspaper advertisements, this document, emails, site notices).</li><li>• Conduct key stakeholder focus group meetings.</li><li>• Carry out specialist investigation.</li><li>• Assess the potential impacts of the proposed Snail Production Project activities and compile a Scoping (including impact assessment) Report and EMP.</li><li>• Distribute the EIA reports for review and comment by regulatory authorities and I&amp;APs.</li><li>• Consider comments received and compile the final reports (including an Issues and Response Report).</li><li>• Submit the final reports to the MAWLR and MEFT for their review and decision-making.</li></ul>

## 7. KEY ISSUES RELATED TO THE PROPOSED SNAIL PRODUCTION PROJECT

Potential environmental issues (i.e. aspects / potential impacts), that need to be assessed as part of the EIA, associated with the proposed Snail Production Project, include:

- Biosecurity risks of accidental introduction of non-native snail species and associated direct and indirect impacts to the ecosystem.
- General disturbance of biodiversity during the construction of the facility.
- Attracting of insects and scavengers / birds.
- Impacts on soil, groundwater and surface water from effluent discharge during construction and operational phases.
- Potential negative impacts on current (surrounding) land use activities.
- Health and safety concerns to nearby land owners.
- Nuisance-related disturbance, i.e. odours and road traffic increase with associated impacts.
- Spreading of diseases / pests.
- Positive economic impacts associated with income and employment.

## 8. INVITATION TO REGISTER AND COMMENT

Please complete the enclosed registration/comment form or contact Namisun to register as an I&AP.

For comments to be included in the Scoping (including Impact Assessment) Report they must reach Namisun by **no later 6 August 2021**.

**RAINY DAY INVESTMENTS 47 (PTY) LTD**

**ENVIRONMENTAL IMPACT ASSESSMENT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION**

**I&AP REGISTRATION AND COMMENTS FORM**

**DATE:**

**I&AP PARTICULARS:**

**NAME AND SURNAME:**

**ORGANISATION:**

**E-MAIL:**

**TEL & CELL PHONE NUMBERS:**

**PLEASE IDENTIFY YOUR INTERS IN THE PROPOSED PROJECT:**

**PLEASE PROVIDE YOUR COMMENTS / QUESTIONS:**

**RAINY DAY INVESTMENTS 47 (PTY) LTD**

**ENVIRONMENTAL IMPACT ASSESSMENT FOR RAINY DAY INVESTMENTS' PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS IN THE ERONGO REGION**

**I&AP REGISTRATION AND COMMENTS FORM**

**DATE:** 27 July 2021

**I&AP PARTICULARS:**

**NAME AND SURNAME:** Mr. B.J. Buys

**ORGANISATION:** Three Sixty Consult CC 2017/06294

**E-MAIL:** bennie@evolvedhr.com.na

**TEL & CELL PHONE NUMBERS:** 081 142 6384

**PLEASE IDENTIFY YOUR INTERS IN THE PROPOSED PROJECT:**

We are a Private Employment Agency that provides diversified HR/IR solutions to all sectors in the Namibian Economy. Our business model is unique to Namibia and we serve to benefit previously disadvantaged Namibians first.

**PLEASE PROVIDE YOUR COMMENTS / QUESTIONS:**

We would like to make contact with Rainy Day Investments 47 (Pty) Ltd's Human Resources Department regarding employment for workers in the Construction phase as well as the Production phase.

**EIA INFORMATION SHARING MEETING FOR  
THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS**

**MINUTES OF MEETING**

**Ministry of Agriculture, Water and Land Reform (MAWLR)**

<b>MEETING DETAILS</b>		
<b>DATE</b>	16 July 2021	
<b>TIME:</b>	10:00	
<b>VENUE:</b>	Zoom call	
<b>PROJECT:</b>	Environmental Impact Assessment (EIA) for Rainy Day Investments' proposed snail production project at the Swakop River Plots in the Erongo Region	
<b>PURPOSE:</b>	<p>The objectives of the meeting was to:</p> <ul style="list-style-type: none"> <li>• Provide a description of the proposed "Snail Production Project" activities</li> <li>• Provide a description of the EIA process</li> <li>• Provide the MAWLR with initial opportunity to be involved in the EIA</li> <li>• Identify any potential environmental issues and impacts</li> <li>• Describe the way forward, highlighting further opportunities to be involved in the EIA process</li> <li>• Confirm the Application (Form 1) submission process</li> </ul>	
<b>ATTENDANCE:</b> (refer to Attendance Register in Appendix 2)	<u>Name:</u>	<u>Organisation:</u>
	E Petrus (EP)	MAWLR (Agriculture Directorate)
	Dr J Shoopala (JS)	MAWLR (Veterinary Services)
	A Grobler (AG)	Lithon
	G Grobler (GG)	Lithon
	M Vlok (MV)	Lithon
	J Oberholzer (JO)	Hyperception Properties
	R Oberholzer (RO)	Hyperception Properties
	Imran Shiran (IS)	ED Value Consortium
	Ori Wettenstein (OW)	ED Value Consortium
W. Petrick (WP)	Namisun	

**1. OPENING OF THE MEETING AND GENERAL INTRODUCTION**

WP from Namisun Environmental Projects and Development introduced himself as the independent environmental assessment practitioner, conducting the EIA process, and welcomed all to the meeting. All other attendees of the meeting introduced themselves.

This was followed by a short introduction by WP, which included:

- The meeting agenda.
- Procedure and objectives of the meeting.

## **2. PRESENTATION**

WP provided an overview of the proposed snail production project at the Swakop River Plots and EIA Process, by means of a PowerPoint presentation (see Appendix B). The presentation included the following aspects:

- General introduction to the proposed project and Shareholders;
- Brief explanation of the EIA process being followed, the EIA Team, etc.;
- Description of the proposed project location, activities and infrastructure;
- EIA Process; and
- Key potential environmental and social issues.

## **3. DISCUSSION (QUESTIONS AND ANSWERS)**

EP and JS raised a number of questions / comments / issues during the meeting. These have been recorded in the attached table (refer to Appendix 1). These issues will be addressed as part of the EIA process and responses provided in the Issues and Response Report, where relevant, attached to the EIA Scoping Report.

## **4. THE WAY FORWARD**

WP outlined the way forward as follows:

- Comments received to date and during this meeting will be included in the EIA Scoping & Assessment Report.
- The Draft EIA Scoping & Assessment Report will be distributed for comment towards September 2021.

## **5. CLOSE**

The meeting closed at 11:30.



**APPENDIX 1: QUESTIONS / COMMENTS / CONCERNS RAISED BY EP AND JS**

No.	Questions / Comment / Issue raised during the meeting
Questions / Comment / Issue raised by EP and JS	
1	Where else in the world has similar snail farming activities taken place? What lessons have been learned from these other projects?
2	How much waste will be generated?
3	What kind of diseases are typically associated with Snail production activities?
4	What will be the water requirements and source of water for the proposed project?
5	Please explain the Biosecurity Protocols that will be implemented.
6	Will the fertilizer being generated from the snail production activities / 'waste stream' be sold?
7	<p>Other than the Application for an Environmental Clearance Certificate (ECC) and the associated EIA process, there are various other 'Permitting requirements' associated with the import, production and export of live animals and seeing that this project deals with live snails, these would also apply:</p> <ul style="list-style-type: none"> <li>• Import and export requirements: <ul style="list-style-type: none"> <li>- Veterinary import (and export) permit</li> <li>- Arrangements / agreements between Namibia and Cyprus</li> <li>- Import certificate by accredited laboratory</li> </ul> </li> <li>• Production and marketing: <ul style="list-style-type: none"> <li>- Certification for production and marketing of live snails</li> <li>- Comply with National Standards Authorisation</li> <li>- Comply with production aspects</li> <li>- Comply with animal welfare requirements</li> </ul> </li> </ul> <p>Rainy Day Investments to further consult with EP and JS regarding the above mentioned requirements to confirm the relevant permits / authorisations and also which Ministry / Directorate will be responsible for issuing such permits.</p>
8	This Ministry of Fisheries and Marine Resources (MFMR) also needs to be consulted. They might have to provide input regarding certain permitting requirements for the import / production of 'live animals' (i.e. the snails).
9	Will the laboratory be accredited for clearing the import of the live snails – free of any diseases?
10	Government to provide support during the 2 months period of harvest in terms of certification of export of the live snails. Rainy Day Investments to liaise with EP and JS in this regard.
Questions / Comment / Issue raised by WP	
11	The Application Form (i.e. 'Form 1' of the EIA Regulations) and the final EIA report and EMP (once completed) need to be submitted to the 'Competent Authority', who needs to review it first and send it, with their recommendation, to the Ministry of Environment, Forestry and Tourism (MEFT) (Environmental

<b>No.</b>	<b>Questions / Comment / Issue raised during the meeting</b>
	Questions / Comment / Issue raised by EP and JS
	<p>Commissioner), who will make the final decision regarding the Application for an ECC. This process is stipulated in the EIA Regulations.</p> <p>It is our understanding that the Competent Authority for this activity (and associated Application) is the MAWLR (Agriculture Directorate). We therefore need to submit the Application Form, etc. to EP. Please confirm.</p>

## APPENDIX 2: POWERPOINT PRESENTATION



**EIA FEEDBACK MEETING FOR  
THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS**

**MINUTES OF MEETING**

**Ministry of Agriculture, Water and Land Reform (MAWLR):  
Directorate of Veterinary Services (DVS)**

<b>MEETING DETAILS</b>		
<b>DATE</b>	21 October 2021	
<b>TIME:</b>	08:00	
<b>VENUE:</b>	MAWLR – office of Dr Shoopala	
<b>PROJECT:</b>	Environmental Impact Assessment (EIA) for Rainy Day Investments' proposed snail production project at the Swakop River Plots in the Erongo Region	
<b>PURPOSE:</b>	The objectives of the meeting was to: <ul style="list-style-type: none"> <li>• Discuss the draft EIA report.</li> <li>• Initial comments received from the MAWLR (DVS) via e-mail on the 29<sup>th</sup> of September 2021.</li> <li>• Discuss any further comments / requirements from the MAWLR.</li> <li>• Discuss the way forward in terms of the submission of the final report.</li> </ul>	
<b>ATTENDANCE:</b> (refer to Attendance Register in Appendix 2)	<u>Name:</u>	<u>Organisation:</u>
	Dr J Shoopala (JS)	MAWLR (Veterinary Services)
	G Grobler (GG)	Lithon / Rainy Day Investments
	W. Petrick (WP)	Namisun

**1. OPENING OF THE MEETING AND GENERAL INTRODUCTION**

WP from Namisun Environmental Projects and Development (Namisun) introduced himself to JS and thanked JS for making the time available for the meeting and for his initial comments per e-mail. WP then explained the purpose of the meeting.

GG introduced himself to JS.

JS welcomed WP and GG to his office and thanked them for arranging the meeting.

**2. DISCUSSION**

WP and GG provided a further (short) overview of the proposed project and the EIA process. GG also explained the various future possible development that could be forthcoming after the implementation of the proposed ('first phase') of the project.

WP referred to the e-mail sent by JS and requested further clarifications. GG also requested input / clarification regarding the additional permitting requirements and the need for a (permanent) state Vet on the proposed snail farm.

The comments raised by JS are summarised as follows:

- The draft EIA (Scoping & Impacts Assessment) Report with EMP was well received and reviewed by the Ministry.
- Application for import/export permits must be done with the State Veterinary Services.



- The snails must be certified as disease free in Cyprus by veterinary services. This must include all relevant diseases (likely 4 or 5 types) as per the EU standards.
- Biosecurity and treatment of diseases on site:
  - An Animal Health Strategy and Residue Control Program must be developed. This must address (amongst others) the following:
    - Take into consideration the residue in meat, which has to start with production.
    - How sick snails will be treated (i.e. antibiotics). Also consider treatment of a single snail or a group.
    - Other key parties / stakeholders to be identified and informed (i.e. transparent communication is important).
    - The transmission of diseases from sick animals to healthy ones must be avoided / limited by means of specific quarantine area, etc. within the proposed breeding units.
    - Monitoring programme (in Cyprus and Namibia) of sick animals (i.e. first to identify any sick animals and then to further monitor when sick animals are treated). Meet the relevant EU requirements relating to the monitoring programme.
  - Record keeping of all monitoring data, incidences, treatment on site, sick animals found etc. These records should be reflected in reports to be shared with the MAWLR: DVS.
- There don't have to be a "permanent Vet" from the DVS on site (i.e. during the harvesting period). Rainy Day Investments could rather use of a Private Vet. The DVS would conduct inspections and review the records (including reports). Testing should be done by an external laboratory(s).
- The impact of gaseous emissions (i.e. odours) to neighbours must be considered.

JS indicated that he is not expecting all the details of the above mentioned (i.e. Biosecurity measures and treatment of diseases on site, operational procedures, etc.) to be included in the EMP. The EMP should as a minimum refer to these aspects and include key actions / management & mitigation requirements. However, it is well noted that more detailed Operational Procedures / Programmes / Management System will be developed and that these actions (i.e. management and mitigation measures / monitoring requirements, etc.) further fleshed out. These detailed procedures / plans must be developed prior to the implementation of the project and also shared with the DVS for information and input (where relevant).

### **3. THE WAY FORWARD**

WP outlined the way forward as follows:

- The review period of the draft report will end on the 25<sup>th</sup> of October 2021.
- All comments received by this date (including this meeting) will be considered and included in the final report (i.e. the EIA Scoping & Assessment Report and EMP will be updated accordingly (where relevant) and the Issues and Responses Report finalised).
- The final report will be submitted to the MAWLR (DVS) (as the Competent Authority) who should do a final review and send their recommendation to the MEFT (Environmental Commissioner) for a final decision in terms of the Application for an environmental clearance.

### **4. CLOSE**

The meeting closed at 11:30.

**EIA INFORMATION SHARING MEETING FOR  
THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS**

**MINUTES OF MEETING**

**PLOT OWNERS**

<b>MEETING DETAILS</b>		
<b>DATE</b>	28 July 2021	
<b>TIME:</b>	13:00	
<b>VENUE:</b>	Zoom call	
<b>PROJECT:</b>	Environmental Impact Assessment (EIA) for Rainy Day Investments' proposed snail production project at the Swakop River Plots in the Erongo Region	
<b>PURPOSE:</b>	<p>The objectives of the meeting was to:</p> <ul style="list-style-type: none"> <li>• Provide a description of the proposed "Snail Production Project" activities</li> <li>• Provide a description of the EIA process</li> <li>• Provide the MAWLR with initial opportunity to be involved in the EIA</li> <li>• Identify any potential environmental issues and impacts</li> <li>• Describe the way forward, highlighting further opportunities to be involved in the EIA process</li> <li>• Confirm the Application (Form 1) submission process</li> </ul>	
<b>ATTENDANCE:</b> (refer to Attendance Register in Appendix 2)	<u>Name:</u>	<u>Organisation:</u>
	D Walliser (DW)	Plot owner (immediate neighbour to Plot 88)
	S Eckleben (SE)	Plot owner
	A Grobler (AG)	Lithon
	W. Petrick (WP)	Namisun

**1. OPENING OF THE MEETING AND GENERAL INTRODUCTION**

WP from Namisun Environmental Projects and Development introduced himself as the independent Environmental Assessment Practitioner, conducting the EIA process, and welcomed all to the meeting. All other attendees of the meeting introduced themselves.

This was followed by a short introduction by WP, which included:

- The meeting agenda.
- Procedure and objectives of the meeting.

## **2. PRESENTATION**

WP provided an overview of the proposed snail production project at the Swakop River Plots and EIA Process, by means of a PowerPoint presentation (see Appendix B). The presentation included the following aspects:

- General introduction to the proposed project and Shareholders;
- Brief explanation of the EIA process being followed, the EIA Team, etc.;
- Description of the proposed project location, activities and infrastructure;
- EIA Process; and
- Key potential environmental and social issues.

## **3. DISCUSSION (QUESTIONS AND ANSWERS)**

The plot owners (DW and SE) raised a number of questions / comments / issues during the meeting. These have been recorded in the attached table (refer to Appendix 1). These issues will be addressed as part of the EIA process and responses provided in the Issues and Response Report, where relevant, attached to the EIA Scoping Report.

## **4. THE WAY FORWARD**

WP outlined the way forward as follows:

- Comments received to date and during this meeting will be included in the EIA Scoping & Assessment Report.
- The Draft EIA Scoping & Assessment Report will be distributed for comment towards September 2021.

## **5. CLOSE**

The meeting closed at 14:00.

## APPENDIX 1: QUESTIONS / COMMENTS / CONCERNS RAISED BY THE PLOT OWNERS

No.	Questions / Comment / Issue raised during the meeting
Questions / Comment / Issue raised by DW and SE	
1	Will the employees be transported from town? How many people will reside on site? The concern is that if a lot of people stay on site it could cause security risks to other (neighbouring plot owners).
2	Another / additional measure that could be considered for the “Biosecurity issue” (i.e. snails escaping) is the use of Diatomaceous earth. DW indicated that she’s witnessed this working in other similar snails project (elsewhere in the world). The Diatomaceous earth is made from the fossilized remains of tiny, aquatic organisms and could be placed in a row around the facility. No snails would be able to cross it. This could also help to keep some other predators out.
3	Who is the current plot owner?
4	Will the snails be imported alive?
5	Why was this specific location chosen for the project? Will it be economically feasible?

## APPENDIX 2: POWERPOINT PRESENTATION



**EIA INFORMATION SHARING MEETING FOR  
THE PROPOSED SNAIL PRODUCTION PROJECT AT THE SWAKOP RIVER PLOTS**

**MINUTES OF MEETING  
Swakopmund Municipality**

<b>MEETING DETAILS</b>		
<b>DATE</b>	29 July 2021	
<b>TIME:</b>	10:00	
<b>VENUE:</b>	Zoom call	
<b>PROJECT:</b>	Environmental Impact Assessment (EIA) for Rainy Day Investments' proposed snail production project at the Swakop River Plots in the Erongo Region	
<b>PURPOSE:</b>	<p>The objectives of the meeting was to:</p> <ul style="list-style-type: none"> <li>• Provide a description of the proposed "Snail Production Project" activities</li> <li>• Provide a description of the EIA process</li> <li>• Provide the MAWLR with initial opportunity to be involved in the EIA</li> <li>• Identify any potential environmental issues and impacts</li> <li>• Describe the way forward, highlighting further opportunities to be involved in the EIA process</li> <li>• Confirm the Application (Form 1) submission process</li> </ul>	
<b>ATTENDANCE:</b> (refer to Attendance Register in Appendix 2)	<u>Name:</u>	<u>Organisation:</u>
	P. Engelbrecht (PE)	Swakopmund Municipality - Environmental Officer   Engineering & Planning Services
	J. Angolo (JE)	Swakopmund Municipality – Senior Town Plan Officer
	G Grobler (GG)	Lithon
	W. Petrick (WP)	Namisun

**1. OPENING OF THE MEETING AND GENERAL INTRODUCTION**

WP from Namisun Environmental Projects and Development introduced himself as the independent Environmental Assessment Practitioner, conducting the EIA process, and welcomed all to the meeting. All other attendees of the meeting introduced themselves.

This was followed by a short introduction by WP, which included:

- The meeting agenda.
- Procedure and objectives of the meeting.

## **2. PRESENTATION**

WP provided an overview of the proposed snail production project at the Swakop River Plots and EIA Process, by means of a PowerPoint presentation (see Appendix B). The presentation included the following aspects:

- General introduction to the proposed project and Shareholders;
- Brief explanation of the EIA process being followed, the EIA Team, etc.;
- Description of the proposed project location, activities and infrastructure;
- EIA Process; and
- Key potential environmental and social issues.

## **3. DISCUSSION (QUESTIONS AND ANSWERS)**

The Swakopmund Municipality representatives (PE and JA) raised a number of questions / comments / issues during the meeting. These have been recorded in the attached table (refer to Appendix 1). These issues will be addressed as part of the EIA process and responses provided in the Issues and Response Report, where relevant, attached to the EIA Scoping Report.

## **4. THE WAY FORWARD**

WP outlined the way forward as follows:

- Comments received to date and during this meeting will be included in the EIA Scoping & Assessment Report.
- The Draft EIA Scoping & Assessment Report will be distributed for comment towards September 2021.

## **5. CLOSE**

The meeting closed at 11:00.

**APPENDIX 1: QUESTIONS / COMMENTS / CONCERNS RAISED BY THE SWAKOPMUND MUNICIPALITY**

<b>No.</b>	<b>Questions / Comment / Issue raised during the meeting</b>
Questions / Comment / Issue raised by PE and JA	
1	Is this the first project of its type in Namibia?
2	In case of an escape of the snails from the facility, what will happen – what will be the mitigation measures implemented?
3	How much water is required for the project and what will be the source?
4	What is the power (electricity) demand and where will they get power from? Will there be a lot of freezers (high energy demand) on site?
5	When this project is successful and implemented, it could be very beneficial in terms of educating people (i.e. locals). Visits by students could also be a good idea in future.
6	This project could also be an attraction for tourists and Rainy Day Investments should consider such visits to the facility.
7	Were there any concerns raised by the neighbouring plot owners?
8	Only ~5 Ha of the plot will be used. What will the remainder of the plot be used for?

## APPENDIX 2: POWERPOINT PRESENTATION

Rainy Day Investments 47 (Pty) Ltd

EIA FOR THE PROPOSED SNAIL PRODUCTION PROJECT AT THE  
SWAKOP RIVER PLOTS IN THE ERONGO REGION

Information Sharing Meeting

July 2021



# Agenda

- Introduction
  - Meeting Procedure
  - General introduction
  - Objectives of the meeting
- Description of the proposed Project activities
- EIA process
- Key potential environmental issues
- Question and answer session
- Way forward and closure

# Objectives of the meeting

- Provide a description of the proposed “Snail Production Project” activities
- Provide a description of the EIA process
- Provide IAPs with initial opportunity to be involved in the EIA
- Identify any potential environmental issues and impacts
- Describe the way forward, highlighting further opportunities to be involved in the EIA process

# Meeting Procedures

- Opportunity to ask questions / give comments
- Minutes are being taken



# General Introduction

- Rainy Day Investments intend to develop a land based snail breeding facility near Swakopmund, in the Erongo Region of Namibia
- Rainy Day Investments' Shareholders include:
  - Lithon Holdings (Pty) Ltd - Namibia based Engineering Company and the initial project sponsor
  - ED Value Consortium - agri-business development firm, (with strong Israeli Agri-business linkages)
  - Hyperception Properties (Pty) Ltd
  - Other investors.
- Touchstone Snail Technologies Ltd will provide the technology and off-take agreements:
  - Specializing in snail farming and snail processing.
  - International farmer expert & traders (soon to be value-added processor).
  - Based in Larnaca-Cyprus.

# General Introduction

- Rainy Day Investments propose to establish a 5 ha export-based snail meat farm with a yearly capacity of 650 tons for the European markets.
- Based on cutting edge exclusive “know how” technology offered by Touchstone.
- The *Cornu aspersum* snail will be bred on the proposed farm:
  - Known by the common name (brown) ‘garden snail’
  - a species of land snail in the family Helicidae.
  - Previously classified under the name *Helix aspersa*, but the prevailing classification now places it in the genus ‘*Cornu*’.

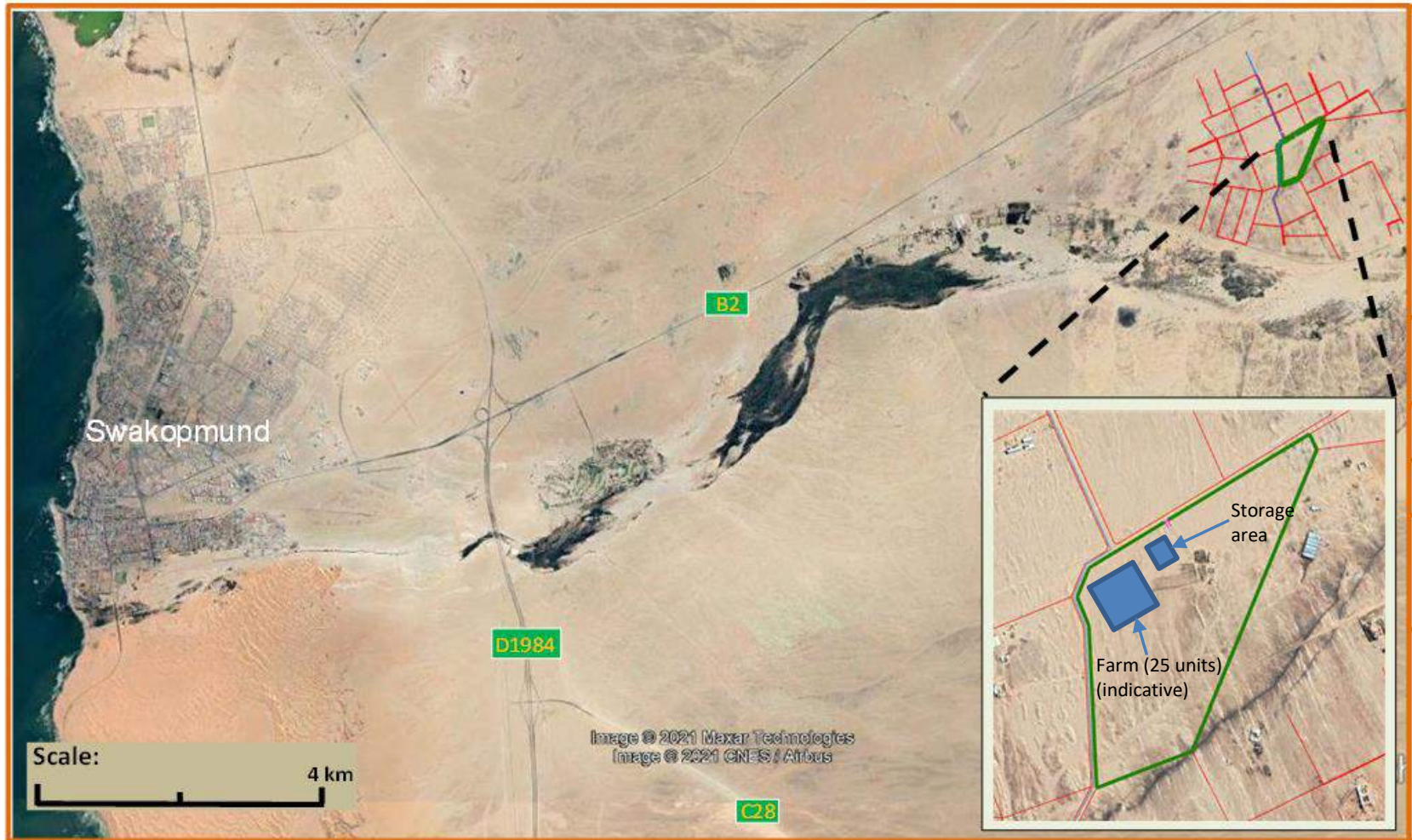




# Project location

- The proposed snail breeding farm area is situated on Plot number 88 (Swakop River plots), approximately 15 km east of Swakopmund. Feasible location due to:
  - Suitable climate conditions - temperature range throughout the year.
  - Suitable soil.
  - Overall plot size (i.e. ~28 ha).
  - Proximity to the Port of Walvis Bay, easy access to the main road (B2) and four hours direct drive to the Hosea Kutako International Airport situated east of Windhoek.
  - Access to water.
  - Access to electricity.

# Project location



# Description of snail production activities

**Import of live snails (once off)**

Imported from Cyprus. Delivery from the port, in cooling containers, to the farm via trucks. Strict bio-security protocols. Released inside the breeding units on the plot.

**Egging and hatching**

Baby snails hatched and grow to a juvenal size. Hatched snails would occur in special cells design for that purpose.

**Juvenal & fattening Stage**

Juvenal snails starting to gain weight. Fed daily with special designed formulated feed - supplied by a dedicated supplier. Gain weight until reaching harvest stage ~ 8-10 gr each.

**Collection and packing**

Mature snails harvested once a year over a two month period and packed in net bags. Bags placed in a plastic box, then loaded on a pallet and directly into cooling containers.

**Export**

Export to the European market as per the off taker requirements.



# Description of snail production activities

## Snail breeding units:

- Total land area required for 25 breeding units - 5 ha for production, storage and other related infrastructure.
- Dimensions of one breeding unit: Area: 1000 m<sup>2</sup> Width: ~20 m Length: ~50 m Maximum height: 3.4 m



# Description of snail production activities

- One production cycle of about 9 months is planned
- Production cycle:
  - Start - 30 tons of live snails.
  - End - 650 tons of snails ready for harvest.
- Each breeding unit: Closed green house, with a net around. Surrounded by a metal sheet installed (50 cm into the ground) around the perimeter of the greenhouse to prevent animals entering the units and snails to escape.
- Each breeding unit bottom would include cultivated local grass species to be used as a natural habitat setup for the snails.
- Internal growing pens surrounded by electric fence in order to prevent snails to escape and specifically the bio-security protocols are maintained.

## Effluent / waste

- The waste of the snails, stay on the wood when they are out and active.
- The wood (with waste) get cleaned daily and any waste reused as organic fertilizer in the farm for cultivating the needed grass.
- Any dead snails are also removed on a daily basis and similarly disposed.
- The waste on the soil will be used as an additional fertilizer for the grass.



# EIA Process



# Key Potential Issues

- Biosecurity risks of accidental introduction of non-native snail species and associated direct and indirect impacts to the ecosystem.
- General disturbance of biodiversity during the construction of the facility.
- Attracting of insects and scavengers / birds.
- Impacts on soil, groundwater and surface water from effluent discharge during construction and operational phases.

# Key Potential Issues

- Potential negative impacts on current (surrounding) land use activities.
- Health and safety concerns to nearby land owners.
- Nuisance-related disturbance, i.e. odours and road traffic increase with associated impacts.
- Spreading of diseases / pests.
- Positive economic impacts associated with income and employment.

# Way Forward

- Comments received to date and during this meeting will be included in the Draft EIA Scoping & Assessment Report.
- Draft Report will be distributed for comment: Towards **mid September 2021**.

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# Questions / Comments ?

