

Curriculum Vitae (CV)

1. Position: Environmental Assessment
Practitioner

2. Name of Firm: Envirodu Consulting &
Training Solutions cc

3. Name of Staff: Mr. Twalinohamba Akawa

4. Date of Birth: 15 March 1982 **Nationality:** Namibian

5. Education

Qualification	Specialization/Subjects	Completion Date	Institution (Mini-thesis title)
Master of Philosophy (MPhil) (Environmental Management)	Specialization: Development Planning and Environmental Analysis	March 2012	Stellenbosch University “Sustainability analysis of the Namibian marine fishing sector”.
Bachelor of Science in Natural Resources & Conservation	Specialization: Fisheries and Marine Sciences	April 2005	University of Namibia “Influence of environmental factors on distribution of Cape hake”.
International General Certificate of Secondary Education	Subjects: Development Studies (A), Physical Science (A), Biology (B), English (C) and Mathematics (C)	November 2000	Oshigambo High School

6. Membership in professional bodies:

- EAPAN (Environment Assessment Professionals of Namibia) as **Apprentice Practitioner** (Membership #130)
- Vantage Africa Monitoring & Evaluation Professionals Associations as **Associate Member**

7. Other Trainings

Qualification	Completion Date	Institution (Mini-thesis title)
Certified Monitoring and Evaluation Certificate	July 2024	Vantage Africa School of Leadership
ISO/IEC 17025: 2017 testing and calibration	July 2024	Spectrum Laboratories & Consultancy Namibia

ISO 9001: 2015 Quality Management System	November 2022	Worldwide Engineering Systems (SAQI Membership Number: WOR001)
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8. Countries of Work Experience: Namibia

9. Languages Language:

	Speaking	Reading	Writing
English	Good	Good	Good
Oshindonga	Good	Good	Good

10. Employment Record

June 2013, until now (13 years): ENVIRODU CONSULTING & TRAINING SOLUTIONS CC as *Lead Environmental Assessment Practitioner/Owner*

Project development planning and environmental analysis: Project scoping (pre-feasibility study and risk analysis), scheduling, procurement, budgeting and preparations of tender documents.

Project appraisals: Appraise project and attract Foreign Direct Investment (FDI) and secure Tier-1 funding from institutions like the World Bank (IFC), DBSA, or DBN. Support proponent in complying with funding requirements including Environmental & Social Safeguard (ESS) Standards. Support adherence to **Performance Standards 1-8**, rigorous ESMS (Environmental & Social Management System).

Environmental compliance: Compliance and review of projects with relevant statutory and regulatory requirements. Undertake ESIAs (Environmental Social Impact Analysis), RAs (Risk Analysis) and BFS (Baseline Feasibility Studies). Development of Environmental and Social Management Plans (ESMPs) and applications for Environmental Clearance Certificates.

Undertake **ecosystem health/biodiversity assessments:** water quality analysis, maritime pollution and monitoring.

Hiring/sub-contracting and support internal and external Consultants. Project implementation; ensuring projects are planned and delivered effectively and timely. Line management and development responsibilities for sub-contracted Consultants, EAPs and Field Assistants.

Monitoring & Evaluation: Project monitoring and evaluation using KPIs (key performance indicators).

November 2007-January 2025 (18 years): **UNIVERSITY OF NAMIBIA** as **Senior Marine Science Technologist**

General Laboratory management. Procurement logistics; sourcing of laboratory consumables and non-consumable items. New research project design and development of SOPs (standard operations procedures) for laboratories and equipment operations. Research project implementation/appraisal and preparation to ensure compliance to relevant statutory and regulatory requirements. Implementation of ISO (International Organisation for Standardization) requirements including ISO 9001: 2015 Quality Management System and BLMPs (best laboratory management practices).

Water quality analysis, sampling, equipment operation and reporting.

April 2006-October 2007 (1 year and 6 months): **MINISTRY OF FISHERIES AND MARINE RESOURCES** as *Fisheries Research Technician*

Worked for the project under the UNOPS to support new project activities for the CUFES (Continuous Underwater Fish Egg Counter) project under the Ministry of Fisheries and Marine Resources (MFMR).

Ensure the sub-contractor awarded the engineering tender to mount the CUFES on the Namibian Research Vessel (RV) (RV/*Welwitchia*) complies to regional and international requirements so that data collected meets international standards.

Support regional and international Consultants from elsewhere to be able to inspect the new Namibian CUFES for bench-marking and quality control purposes. Participate in regional marine surveys (South Africa/August 2005 onboard the Research Vessel/*Africana*) and international surveys (Norway/September 2005 onboard the Research Vessel/*Fridjof Nansen*) to witness CUFES operations. The CUFES project was later successfully integrated into the MFMR's activities and Mr. Akawa was later appointed as the Fisheries Research Technician responsible for CUFES along with other line duties.

Ufudu Marine Namibia cc and Benguela Blue (PTY) LTD: December 2025-February 2026

11. Detailed tasks assigned	12. Work undertaken best illustrates Capability to Handle the Tasks Assigned
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1. Operational Compliance Audit • Technical Verification: Audit the Vacu-Cart and filtration performance against original specs (micron levels/waste capture). • Data Analysis: Review logs for water discharge quality (UV efficacy), debris volumes, and official disposal records. • Safety Review: Evaluate the incident log for any environmental near-misses or accidents. 2. ESMP Update & Gap Analysis • Legal Alignment: Update the plan to meet current Namibian environmental and water regulations (2024–2026). • Protocol Refinement: Optimize mitigation for Niche Cleaning (hot water) and sludge disposal. • Risk Assessment: Re-evaluate marine sensitivities within the Walvis Bay port area. 3. Stakeholder & Public Consultation • I&AP Engagement: Consult with Port authorities, Ministry of Fisheries, and neighboring operators. • Reporting: Compile all feedback into a formal Issues and Response Report (IRR) for the MEFT.	Name of Assignment: ECC Renewal & Compliance: A comprehensive review of the ESMP to support application for renewal of ECC2200068 and ECC2200062 for Ufudu Marine Namibia cc and Benguela Blue (PTY) LTD Year: 2026 Location: Walvis Bay and Lüderitz Client/Proponent: Ufudu Marine Namibia cc and Benguela Blue (PTY) LTD Main Project Features: ECC2200068 and ECC2200062 expired on 19 December 2025. The applications which we launched for renewals were approved effective from 24 February 2026 to 24 February 2029. Position held: Environmental Assessment Practitioner Activities performed: Compilation of Environmental Monitoring Reports (EMRs) and review of ESMP to support application for renewal of ECC.
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4. Administrative Submission • Documentation: Complete Form 2 and finalize the comprehensive renewal package (Audit + updated ESMP + IRR). • Finalization: Upload all materials to the MEFT EIA portal and settle the required renewal fees.	
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Nghivelwa Planning Consultants cc: October 2025-February 2026

11.Detailed tasks assigned	12.Work undertaken best illustrates Capability to Handle the Tasks Assigned
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Phase 1: Screening & Registration • Trigger Identification: Identifying listed activities (land rezoning, bulk water, and road construction) requiring an ECC. • MEFT Registration: Formally registering the project on the EIA Portal and submitting Form 1. • EAP Designation: Appointing a qualified Environmental Assessment Practitioner to lead the process. Phase 2: Scoping & Baseline Studies • Documentation: Drafting the Background Information Document (BID) for stakeholders. • Site Assessment: Conducting field visits to Erf 5165 to evaluate vegetation, soil, and drainage patterns. • Risk Analysis: Executing specialist studies for Oshakati-specific sensitivities, such as flood risks and socio-economic impacts. Phase 3: Public Participation Process (PPP) • Public Notice: Placing mandatory advertisements in two national newspapers for two consecutive weeks.	Name of Assignment: Proposed Township establishment of Evululuko Extension 3 on Erf 5165 (A portion of Erf 3122), Oshakati Extension 3 Year: 2025-26 Location: Oshakati, Oshana region Client/Proponent: Nghivelwa Planning Consultants cc Main Project Features: Stakeholder consultations, compilations of ESIA reports and development of ESMP. Application of ECC. Activities performed:
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- **Stakeholder Engagement:** Hosting a public meeting in Evululuko to gather concerns from residents and I&APs.
- **Reporting:** Compiling an **Issues and Response Report (IRR)** to address all feedback.

Phase 4: Reporting & Review

- **Scoping & EMP:** Drafting the Scoping Report and a site-specific **Environmental Management Plan (EMP)** for construction and operations.
- **I&AP Review:** Distributing draft reports for a mandatory stakeholder comment period (7–14 days).

Phase 5: Submission & Authorization

- **Finalization:** Integrating all comments into the final report package.
- **Portal Submission:** Uploading documents to the MEFT portal and settling the N\$300 fee.
- **Decision:** Liaising with the **Environmental Commissioner** for the final review and issuance of the 3-year ECC.

AIM Infrastructure Engineers and Managers: September 2025-February 2026

11.Detailed tasks assigned	12.Work undertaken best illustrates Capability to Handle the Tasks Assigned
- Review the Environmental and Social Impact Assessment (ESMP) Report, - Identification and consultation of stakeholders. - Use the revised ESMP to support an application to amend the ECC. - Deliver ECC to the client.	Name of Assignment: Application for amendment of ECC2603171 to add the generation of energy using solar for Etunda Greenscheme. Year: 2025-2026 Location: Etunda, Omusation region Client/Proponent: AIM Infrastructure Engineers and Managers Main Project Features: Amendment of ECC2603171 and inform stakeholders of this application to amend. Position held: Environmental Assessment Practitioner Activities performed: Overall project management, project screening and scoping, support to team members as well as launch application to amend ECC2603171.

AIM Infrastructure Engineers and Managers: May-October 2025

11.Detailed tasks assigned	12.Work undertaken best illustrates Capability to Handle the Tasks Assigned
- Review the Environmental and Social Impact Assessment (ESMP) Report, - Identification and consultation of stakeholders. - Use the revised ESMP to support an application to amend the ECC.	Name of Assignment: Development of Environmental and Social Impacts (ESMP) Reports for the proposed orchards development activities in Etunda, Uvhungu-Vhungu and Sikunda Green-Scheme Irrigation Projects. Year: 2025

• Deliver ECC to the client.	Location: Etunda, Uvhungu-Vhungu and Sikunda Green-Scheme Irrigation Projects. Client/Proponent: AIM Infrastructure Engineers and Managers Main Project Features: Applications for ECCs. Position held: Environmental Assessment Practitioner Activities performed: Overall project management, project screening and scoping and stakeholder engagements.
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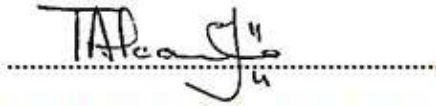
Nghivelwa Planning Consultants: October 2024-April 2025

11.Detailed tasks assigned	12.Work undertaken best illustrates Capability to Handle the Tasks Assigned
• Completion and submission of the ESIA and ESMP Reports. • Development of the Environmental, Social and Governance Report. • Development of the ISO 14001: 2016 Environmental Management System (EMS).	Assignment name: • Environmental and Social Impact Assessment (ESIA) Reports and Development of Environmental and Social Impacts (ESMP) Reports for the proposed NHE Social Housing Programme • Development of the Environmental, Social and Governance Report for the proposed NHE Social Housing Programme • Development of the ISO 14001: 2016 Environmental Management System (EMS) for the proposed NHE Social Housing Programme

14. Certification:

I, the undersigned, certify that to the best of knowledge and belief, these data correctly describe me, my qualification and experience.

Date: 9 March 2026

A handwritten signature in black ink, appearing to read 'Twalino Hamba Akawa', is written over a horizontal dotted line.

TWALINOHAMBA AKAWA