

Name:	Norman van Zyl
Profession:	Environmental management; project/engineering development and management, feasibility studies
Date of birth:	27 July 1968
Years with firm/entity:	since July 2009
Nationality:	Namibian
Membership in professional societies:	Environmental Assessment Practitioner Association of Namibia. (EAPAN); International Association for Impact Assessment South Africa (IAIASA)

---

### Key Qualifications:

Norman van Zyl is an environmental project management consultant based in Windhoek. He has over 25 years of experience in environmental management, project evaluation, planning and management, engineering planning and design as well as business strategy and transformation.

This includes environmental assessments, feasibility studies, project planning, development and management (18+ years), civil engineering design and contract management (6+ years), as well as business strategy and turnaround (2+ years).

For the last 13 years Norman was the lead project coordinator on at least fifty environmental assessments, environmental screening and feasibility studies, biodiversity action plans, critical habitat studies, and the specialist field of visual impact assessment. These include many (8+) large scale projects that require to be on IFC, World Bank, KfW as well as AfDB standards and was reviewed by these institutions.

Norman therefore has in-depth understanding and experience of environmental and project impact assessments, project planning and feasibilities. He specialises in the early planning and evaluation of the project environment.

---

### Education:

#### Graduate Studies:

Bachelors of Arts (African Studies), *University of Stellenbosch, South Africa, 1989*

National Diploma (Civil Engineering – S-Stream), *Free State Technicon, South Africa, 1997*

#### Post Graduate Studies:

BA Honours (Psychology/Industrial Psychology), *University of the Orange Freestate, South Africa, 1997*

Master of Science (Project Management), *University of Cape Town, South Africa, 2004*

#### Short courses:

Use of Strategic Environmental Assessments in urban and regional Development in Africa (IAIAsa pre-conference training course by NCEA, WWF, World Bank), 2012

Strategy development and implementation with Balanced Scorecard (BSc Collaborative), 2007

Managing a Turnaround (Wits Business School), South Africa, 2007

---

#### Employment Record:

2009	Enviro Dynamics: Environmental Assessment Practitioner
2008	Consult Buro: Associate with Consult Buro Business Consulting Unit
2007 – 2008	Roads Contractor Company: Project Manager for the RCC Turnaround Project
2005 – 2006	Roads Contractor Company: Manager Business Development
2004 – 2005	Roads Contractor Company: Planning Engineer in Commercial and Technical Services Section
1998 – 2004	Windhoek Consulting Engineers: Senior Civil Engineering Technician.
1997– 1998	Buhrmann & Partners: Civil Engineering Technician
1995– 1996	Buhrmann & Partners: Civil Engineering Technician
1993 – 1994	Buhrmann & Partners: Civil Engineering Technician in Training
1990 – 1990	Youth for Christ. Y-One Team Member, Namibia.

---

#### Languages:

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
German	Poor	Fair	Fair
Afrikaans	Excellent	Excellent	Excellent

---

#### Relevant Professional Experience:

##### Project and environmental impact assessment:

2024	ESIA and ESMP for a 150MW Solar Photovoltaic (PV) plant. Cathral Investments Seventy Seven (Pty) Ltd
2024	ESIA and ESMP for the in-sity Auas road upgrade to a dual carriageway Roads Authority/City of Windhoek
2023	Cleanergy 66kV transmission line – Walvis Bay. O&L Group
2023	Diaz Wind Park ESMS and Management Plans for final design, construction, operations, and governance. Innosun/Innowind

2023	Katima Mulilo/Kongola Phase 3 Rural Water Supply Schemes – Zambezi Region Ministry of Agriculture, Water and Sanitation Coordination
2023 (21)	400 kV Auas-Kokerboom Transmission Line ESIA update to World Bank Standards with Critical Habitat Study and ESMP. NamPower / World Bank
2022	Trekkopjie Solar Park (50MW) Innosun
2021-22	Big Five tented camp in the Skeleton Coast National Park Big Five Concession
2021-23	Nampower Wind Park - Rosh Pinah (100MW wind & 100MW solar) NamPower
2020-21	Nampower Wind Park - Lüderitz (40MW and 50 MW) NamPower
2019	Exploration EMP for EPL6162 Antler Gold
2019	Divundu Bulk Water Supply – Extension Divundu East Namwater
2019	Walvis Bay Commercial Quarry Lewcor
2018/19/22	Updating EIAs and EMPs of Diaz Wind Park and powerline. UAG
2017	11kha solar park and industrial area site alternatives screening process. SOLARFACTOR
2017	Visual Landscape Assessment for Ziveli Lifestyle Development <i>Client: ZL developer</i>
2017	Amendment of EIA and EMP for the OPE solar Park in Oshakati <i>Client: OPE</i>
2016	EMP for used oil recycling Plant at Aris <i>Client: Oiltech Namibia</i>
2016	Dundee Precious Metals Tsumeb Biodiversity Action Plan – Phase 2: Field studies and BAP Report <i>Client: Dundee Precious Metals</i>
2016	EIA and EMP for the Ondangwa District Hospital <i>Client: MOHH</i>
2015	EIA and EMP for the Ondundo B2Gold EPL <i>Client: B2GOLD</i>
2015	EIA and EMP for the new Otjiwarongo Regional Referral Hospital in the Otjozondjupa Region <i>Client: Ministry of Health and Social Services</i>
2015	Specialist contributor to the enterprise wide Environmental and Social Management System of the Development Bank of Namibia. <i>Client: Development Bank of Namibia</i>

- 2015 Lead practitioner on the 3 EIAs (marine, pipeline, gas power station) for Proposed Xaris Walvis Bay Power Plant and Gas Supply Facility.  
*Client: Xaris*
- 2015 Lead practitioner for the EIA for the De Rust mine.  
*Client: Daueras Mineral Development*
- 2014 EIA and EMP for proposed Seal Processing Facility in the Nautilus General Industrial area, Lüderitz  
*Client: Uukumwe Youth Empowerment Consortium*
- 2014 Review of EIAs for EPLs No 5606-5608, 5028, 4608, 4782, 4934  
*Client: Rio Tinto, Namzinc*
- 2014 Coordinator on the Dundee Precious Metals Tsumeb Biodiversity Action Plan – Phase 1  
*Client: Dundee Precious Metals*
- 2014 ESIA for the 450 km 400kV line between Kunene and Oshivelo substations  
*Client: Nampower*
- 2014 Lead practitioner of the EIA and EMP for the Okandjandje Graphite Mine  
*Client: Gecko Graphite*
- 2014 EIA and EMP for the OPE solar Park in Oshakati – Team leader and review  
*Client: OPE*
- 2013 Cumulative impact assessment for the Strategic Expansion of the Walvis Bay Container Terminal and update of the Namport New Container Terminal EMP  
*Client: Namport*
- 2013 Otjivalunda mine EIA and EMP.  
*Client: Gecko mining*
- 2013 MR 121 upgrade to bitumen standards EIA.  
*Client: Roads Authority*
- 2012 5 Mini BTS sites in Ludwigsdorf, Windhoek.  
*Client: MTC*
- 2012 Oshakati Flood Mitigation Measures EIA.  
*Client: MRLGHRD and Oshakati Town Council*
- 2012 Sandpiper Namibia Marine Phosphate Terrestrial EIA and EMP  
*Client: Namibia Marine Phosphate*
- 2012 Otjimbingwe Namwater Bulk Supply Network.  
*Client: NamWater*
- 2012 Divundu Namwater Bulk Supply Network.  
*Client: NamWater*
- 2012 EIA for the DIAZ Wind Park to Namib Substation transmission line.  
*Client: Sojitz International / United Africa Group*
- 2011 EIA for the proposed DIAZ Lüderitz Wind Park  
*Client: Sojitz International / United Africa Group*
- 2011 Environmental Scoping of the rehabilitation of 3 bridges in the South of Namibia

- Client: Roads Authority*
- 2011 Environmental Scoping of the Impalila Island Sub-Regional Registry Office  
*Client: Ministry of Works*
- 2011 EIA on the Swakop South Pipeline Scheme to supply water to existing and new mines in the Namib Naukluft National Park  
*Client: NamWater*
- 2010 EIA for the overhead optic fibre line through the Namib Naukluft Park to Langer Heinrich Uranium Mine  
*Client: Telecom Namibia*
- 2010 Environmental and Social Assessment Framework and site-specific EMPs for the upgrade of 47 schools in Namibia  
*Client: MCA Namibia*
- 2010 Environmental Scoping of the Katondo Irrigation Scheme (10,000ha) at the Okavango River  
*Client: Demeter International*
- 2010 Environmental Scoping of the Feasibility Study to investigate transport alternatives in the Eastern Caprivi floodplains and Impalila Island  
*Client: Ministry of Works*
- 2010 EIA on the Water Supply Improvement Project to the Langer Heinrich Uranium Mine  
*Client: Langer Heinrich Uranium Mine*
- 2010 Environmental Due Diligence on the facilities of BP Namibia  
*Client: United Africa Group*
- 2009 Environmental Scoping of the Swakopmund Wastewater Treatment Plant Relocation Project.  
*Client: Swakopmund Town Council*
- 2009 Environmental Management Plan for EPL 4098 exploration phase.  
*Client: WBLN PTY (Ltd).*
- 2009 Environmental Impact Assessment for Oujere Lifestyle Village at Von Bach Dam.  
*Client: Tungeni/NWR*

By my signature below I certify the correctness of the information above. I furthermore hereby confirm my availability to undertake the assignment as set out in the Technical Proposal.

Signed at Windhoek on 30 October 2024.

  
**Signature of Staff Member**