
CURRICULUM VITAE OF KAREN JODAS

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| Profession: | Environmental Management and Compliance Consultant; Environmental Assessment Practitioner. Professional Natural Scientist: Environmental Science since 1999. |
| Specialisation: | Strategic environmental assessment and advice; development of plans and guidelines; environmental compliance advise and monitoring; Environmental Impact Assessment; environmental management; project management and co-ordination of environmental projects; peer review; policy, strategy and guideline formulation; renewable energy projects; water resources management. |
| Years work experience: | 25 years (in the field since 1997) |

VOCATIONAL EXPERIENCE

Provide technical input for projects in the environmental management field, specialising in strategic evaluation, Environmental Impact Assessment studies, environmental management plans, programmes and guidelines, integrated environmental management, environmental compliance monitoring; peer review of EIA reports and processes, strategy and guideline development, and public participation. Key focus on overall Project Management, integration of environmental studies and environmental processes into larger engineering-based projects, strategic assessment, and the identification of environmental management solutions and mitigation/risk minimising measures.

Excellent working knowledge of environmental legislation, strategies, guidelines and policies. Compilation of the reports for environmental studies are in accordance with the all relevant environmental legislation under the National Environmental Management Act. Due consideration of Equator Principles and compliance with IFC performance standards is now a part of all projects.

SKILLS BASE AND CORE COMPETENCIES

Provide technical input for projects in the environmental management field, specialising in strategic evaluation, Environmental Impact Assessment studies, environmental management plans, programmes and guidelines, integrated environmental management, environmental compliance monitoring; peer review of EIA reports and processes, strategy and guideline development, and public participation. Key focus on overall Project Management, integration of environmental studies and environmental processes into larger engineering-based projects, strategic assessment, and the identification of environmental management solutions and mitigation/risk minimising measures.

Excellent working knowledge of environmental legislation, strategies, guidelines and policies. Compilation of the reports for environmental studies are in accordance with the all relevant environmental legislation under the National Environmental Management Act. Due consideration of Equator Principles and compliance with IFC performance standards is now a part of all projects.

SKILLS BASE AND CORE COMPETENCIES

- Twenty five years (25) of experience in the environmental management, environmental permitting, impact assessment and compliance fields
- Twenty three (23) years of experience in Project Management of large environmental assessment and environmental management projects
- Strategic and compliance advise for all aspects of environmental assessment and management

- Wide range of experience for public and private sector projects
- Key experience in the assessment of impacts associated with renewable energy projects
- Experienced in assessments for both linear developments and nodal developments
- Experienced consultant in projects in Sub-Saharan Africa
- Experienced in environmental compliance advice, monitoring and reporting for construction and operation projects
- Due diligence auditing and reporting
- External and peer review of environmental assessment and compliance reporting as well as EIA processes
- Working knowledge of environmental planning policies, regulatory frameworks and legislation
- Input and review of Environmental Management Plans and Programmes, including Invasive Species Monitoring, Control and Eradication Plans
- Identification and assessment of potential environmental impacts and benefits
- Development of practical and achievable mitigation measures and management plans and evaluation of risk to project execution
- Compilation and review of the reports in accordance with all relevant environmental legislation
- Public participation/involvement and stakeholder consultation
- Environmental strategy, policy and guidelines development.

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- B.Sc Earth Sciences, majoring in Geography and Zoology, Rhodes University, Grahamstown, 1993
- B.Sc Honours in Geography (in Environmental Water Management), Rhodes University, Grahamstown, 1994. Major subjects included Water Resources Management, Streams Ecology, Fluvial Geomorphology and Geographic Information Systems.
- M.Sc in Geography (Geomorphology), Rhodes University, Grahamstown, 1996

Short Courses:

- Environmental and Social Risk Management (ESRM), International Finance Corporation, 2018
- Integrated Water Resource Management, the National Water Act, and Water Use Authorisations, CSBSS, 2017
- WindFarmer Wind Farm Design course, Garrad Hassan, 2009
- Environmental Law Course, Aldo Leopold Institute, 2002
- Water Quality Management, Potchefstroom University, 1998

Professional Society Affiliations:

- Registered EAP with the Environmental Assessment Practitioners Association of South Africa (EAPASA) (2022/5499)
- Registered with the South African Council for Natural Scientific Professions as a Professional Natural Scientist: Environmental Science (400106/99)
- Registered with the International Associated for Impact Assessment South Africa (IAIAsa): 5888

Other Relevant Skills:

- Xtrack Extreme – Advanced Off-Road Driving Course

EMPLOYMENT

| Date | Company | Roles and Responsibilities |
|-----------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2006 - Current: | Savannah Environmental (Pty) Ltd | Director <i>Independent specialist environmental consultant, Environmental Assessment Practitioner (EAP) and advisor</i> <u>Tasks include:</u> <ul style="list-style-type: none"> • Project management. |

| Date | Company | Roles and Responsibilities |
|--------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <ul style="list-style-type: none"> • Environmental screening assessments, environmental permitting and environmental authorisation applications. • Due Diligence reporting • Water use authorisation applications on the e-WULAA system. • EA amendment applications. • Environmental compliance audits. • Efficient and quality reporting in line with the requirements of the National Environmental Management Act, EIA Regulations, and other relevant environmental legislation. • Execution of the public participation process. • Professional client liaison. |
| 1997 – 2005: | Bohlweki Environmental (Pty) Ltd (later known as Royal Haskoning DHV; or RHDHV) | Associate Environmental Management Unit: Manager; Principle Environmental Scientist focussing on Environmental Management and Project Management |

PROJECT EXPERIENCE

Proven track record of successfully consulting on a range of development projects in all nine Provinces of South Africa, as well as in neighbouring southern African countries.

Her experience includes projects in the energy generation and transmission sector, as well as wastewater treatment facilities, mining and prospecting activities, property development, national roads, as well as strategy and guidelines development.

Karen Jodas has played a significant role in the energy sector since 2007, specifically in the roll-out of renewable energy projects throughout southern Africa. She has provided consulting services to over 400 renewable and baseload energy applications submitted by Independent Power Producers (IPPs) to the Department of Forestry, Fisheries and the Environment in South Africa for authorisation, as well as to Eskom on their renewable energy and gas-to-energy projects. In addition, she has concluded the environmental permitting and/or due diligence auditing for the development and implementation of 42 projects selected as preferred bidders by the Department of Energy under the Renewable Energy Independent Power Producers Procurement (REIPPP) Programme (small- and large-scale projects).

GRID INFRASTRUCTURE PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------|--------------------|-----------------------|
| Kyalami/Midrand Substation and 3 Transmission Lines, Gauteng | Eskom Transmission | Project Manager & EAP |
| Steelpoort Integration Project, Limpopo | Eskom Transmission | Project Manager & EAP |

Basic Assessments

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------|
| Amakhala Emoyeni Power Line & Kopleegte Substation, Eastern Cape | Cennergi | Project Manager & EAP |
| Bon Espirange Substation & Overhead Power Line for the Roggeveld Wind Farm, Northern Cape | Building Energy (G7 Renewable Energies) | Project Manager & EAP |
| Castle WEF Powerline, Northern Cape | Juwi Renewable Energies | Project Manager & EAP |
| Cuprum-Burchell; Burchell-Mooidraai Power Line, Northern Cape | Eskom | Project Manager & EAP |

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|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------|
| Expansion of the Komsberg Main Transmission Substation, Northern Cape | Enel Green Power | Project Manager & EAP |
| Garob-Kronos Power Line, Northern Cape | Juwi Renewable Energies | Project Manager & EAP |
| Golden Valley Dx-Poseidon Power Line Substation & Golden Valley-Kopleegte Power Line, Eastern Cape | BioTherm Energy | Project Manager & EAP |
| Gunstfontein Switching Station, Power Line & Ancillary Infrastructure, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Ilanga Lethemba-Hydra, Northern Cape | Solar Capital | Project Manager & EAP |
| Iziduli Emoyeni WEF on-site substation, Power Line & Switching station, Access Roads & Watercourse Crossings, Eastern Cape | Windlab | Project Manager & EAP |
| Khai-Ma WEF Power Line, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Korana WEF Power Line, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Korana SEF Power Line, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Nobelsfontein WEF Power Line & Substation, Northern Cape | Coria / SARGE | Project Manager & EAP |
| Nojoli WEF Substation & Power Line Grid Connection, Eastern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Olifantshoek Substation & Powerline, Northern Cape | Eskom Holdings | Project Manager & EAP |
| Poortjies WEF Power Line, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Power Line & Substation for the Blackwood WEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Power Line & Substation for the Khobab WEF in Loeriesfontein, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Power Line Connecting the Sishen SEF to the Ferrum MTS-UMTU Klip Kop Power Line, Northern Cape | Acciona (Windfall 59 Properties) | Project Manager & EAP |
| Power Line for the Grid Connection of the 2 SEF's near Kath and Dibeng, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Power Line for the Rhebokfontein WEF, Western Cape | Moyeng Energy | Project Manager & EAP |
| Power Line from Aggeney's Solar One to Aggeney's MTS Substation, Northern Cape | BlueWave | Project Manager & EAP |
| Re-alignment of 3 Eskom Power Line Servitudes within the Hopefield WEF, Western Cape | Umoya Energy | Project Manager & EAP |
| Re-alignment of the Power Line & Watercourse Crossings for the Loeriesfontein 2 WEF, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Re-alignment of the Power Line from Loeriesfontein 1 WEF to the Helios Substation, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Re-alignment of the Power Line from Loeriesfontein 3 WEF to the Helios Substation, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Substation for the Aggeney's PV SEF, Northern Cape | BioTherm Energy | Project Manager & EAP |
| Substation, Power Line & Watercourse Crossings for the Springfontein WEF, Free State | Mainstream Renewable | Project Manager & EAP |
| Wesley-Peddie (Riverbank Phase 2) Power Line for the Uncedo Lwethu WEF, Eastern Cape | Just Energy | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------|------------------------------------------|-----------------|
| EO for the construction of the Neptune-Vuyani Transmission Line, Western Cape | Trans-Africa Projects on behalf of Eskom | Project Manager |

RENEWABLE POWER GENERATION PROJECTS: PHOTOVOLTAIC SOLAR ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|
| Aggeney's PV Plant, Northern Cape | Solar Capital | Project Manager & EAP |
| Blackwood PV SEF, Free State | VentuSA Energy | Project Manager & EAP |
| Bloemsmond PV 1 & PV 2 SEF's, Northern Cape | Atlantic Energy Partners | Project Manager & EAP |
| Bosjesmansberg PV SEF, Northern Cape | Networx | Project Manager & EAP |
| Boundary PV SEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Buffels PV 1 & PV 2 SEF's, North West | Kabi Energy | Project Manager & EAP |
| De Aar PV SEF, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| De Aar PV Solar Energy Plant, Northern Cape | Solar Capital | Project Manager & EAP |
| Gihon & Kison PV SEF's, Limpopo | Networx | Project Manager & EAP |
| Gunstfontein PV SEF, Northern Cape | Networx / Prana Energy | Project Manager & EAP |
| Harmony Eland, Nyala & Tshepong PV SEF's, Free State | BEEEntropie Renewable Innovation | Project Manager & EAP |
| Hibernia SEF, North West | EA Energy | Project Manager & EAP |
| Iziko PV SEF, Mpumalanga | VentuSA Energy | Project Manager & EAP |
| Kabi Kimberley PV Facility at DeBeers, Northern Cape | Kabi Solar | Project Manager & EAP |
| Karoo Renewables PV SEF, Northern Cape | SARGE | Project Manager & EAP |
| Kheis Phase 1, 2 & 3 PV SEF, Northern Cape | GeStamp Solar | Project Manager & EAP |
| Klipgat PV SEF, Northern Cape | Terra Solar | Project Manager & EAP |
| Loeriesfontein/Helios PV SEF, Northern Cape | Solar Capital | Project Manager & EAP |
| Naauwpoort PV SEF, Northern Cape | Terra Solar | Project Manager & EAP |
| Orkney PV SEF, North West | Genesis Eco-Energy | Project Manager & EAP |
| Pofadder SEF, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Prieska North PV SEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Prieska PV SEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Ritchie PV SEF, Northern Cape | Solar Capital | Project Manager & EAP |
| San Solar PV SEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| Sirius (Tungston Lodge) PV Solar Plants (x2, Northern Cape) | Aurora Power Solutions | Project Manager & EAP |
| Sol Invictus x4 PV Developments, Northern Cape | Building Energy | Project Manager & EAP |
| Solar Plant at Kathu (Wincanton), Northern Cape | REISA | Project Manager & EAP |
| Solar Plant at Sishen (Wincanton), Northern Cape | VentuSA Energy | Project Manager & EAP |
| <i>Solar Plant at Sishen (Wincanton), Northern Cape</i> | <i>VentuSA Energy</i> | <i>Project Manager & EAP</i> |
| <i>SolarReserve Kotulo Tsatsi PV1 SEF, Northern Cape</i> | <i>Kotulo Tsatsi Energy and SolarReserve South Africa</i> | <i>Project Manager & EAP</i> |
| <i>SolarReserve Kotulo Tsatsi PV2 Facility, Northern Cape province</i> | <i>Kotulo Tsatsi Energy and SolarReserve South Africa</i> | <i>Project Manager & EAP</i> |
| Stormberg Solar PV SEF, Eastern Cape | Networx / Prana Energy | Project Manager & EAP |
| Tewa Isitha (Grootdrink/Albany) PV SEF, Northern Cape | Africoast Engineers | Project Manager & EAP |
| Tiger Kloof PV SEF near Vryburg, North West | Kabi Energy | Project Manager & EAP |
| Tiger Solar PV SEF, Northern Cape | Kabi Energy | Project Manager & EAP |
| Vaalkop and Witkop PV SEF's, North West | Kabi Solar | Project Manager & EAP |
| Wagnbietjiespan PV SEF, Free State | VentuSA | Project Manager & EAP |

| Project Name & Location | Client Name | Role |
|------------------------------------------------|-------------------------------------|-----------------------|
| Wolmaransstad Municipality PV SEF, North West | BlueWave | Project Manager & EAP |
| Woodhouse PV 1 & PV 2 SEFs, North West | Genesis Eco-Energy | Project Manager & EAP |
| Zuurwater PV SEFs (x4), Northern Cape | Solafrica / BlueWave | Project Manager & EAP |
| Lichtenburg 1, 2 & 3 PV Facilities, North West | Atlantic Energy Partners & ABO Wind | Project Manager & EAP |
| Allepad PV One, Two, Three and Four PV SEFs | ILEnergy Development | Project Manager & EAP |

Basic Assessments

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------|------------------------------------------|-----------------------|
| Amandla Welanga & Dida PV SEFs near Noupoot, Northern Cape | Terra Solar | Project Manager & EAP |
| Carolusberg PV SEF, Northern Cape | Ilio Energy (SARGE) | Project Manager & EAP |
| Gosforth Park and Kynoch Rooftop PV SEF's Northern Cape | Building Energy | Project Manager & EAP |
| Hennenman PV SEF, Free State | BlueWave | Project Manager & EAP |
| Hibernia PV SEF near Lichtenburg, North West | EA Energy | Project Manager & EAP |
| Inkulukelo PV SEF, Northern Cape | Terra Solar | Project Manager & EAP |
| Kabi Kimberley PV SEF, Northern Cape | Kabi Energy | Project Manager & EAP |
| Kokerboom & Boabab PV Solar Energy Plants, Northern Cape | Brax Energy | Project Manager & EAP |
| Middelburg PV SEF, Mpumalanga | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Nigramoep PV Solar Energy Plant, Northern Cape | SARGE | Project Manager & EAP |
| Noupoot (Kleinfontein and Toitdale) CPV, Northern Cape | Terra Power | Project Manager & EAP |
| O'Kiep 1 PV Solar Energy Plant, Northern Cape | Ilio Energy (SARGE) | Project Manager & EAP |
| O'Kiep 2 PV Solar Energy Plant, Northern Cape | BluePort Trade 118 (SARGE) | Project Manager & EAP |
| O'Kiep 3 PV Solar Energy Plant, Northern Cape | Ilio Energy (SARGE) | Project Manager & EAP |
| Rodicon PV SEF, Mpumalanga | VentuSA Energy | |
| Slurry PV SEF, North West | PPC | Project Manager & EAP |
| Small projects for PV SEF's, North West | BlueWave | Project Manager & EAP |
| Son Citrus Rooftop PV Installation, Eastern Cape | Building Energy | Project Manager & EAP |
| Tollie PV SEF, Northern Cape | Terra Solar | Project Manager & EAP |
| x2 Southern Farms PV Solar Energy Plants, Northern Cape | Southern Farms | Project Manager & EAP |
| Moeding Solar PV Facility (BA in terms of REDZ regs), North West | Kabi Energy | Project Manager & EAP |

Screening Studies

| Project Name & Location | Client Name | Role |
|-----------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|
| Allemans, Wonderheuwel, Damfontein & Dida PV SEF's, Northern Cape | Terra Solar | Project Manager & EAP |
| Amandla Welang, Gillmer & Inkululeko PV SEF's, Northern Cape | GeoSolar/ TerraSolar | Project Manager & EAP |
| Blouputs PV, Onseepkans PV, Hoogelegen PV & Boegoeberg PV projects, Northern Cape | Engineering Development Industrial Projects (EDIP) | Project Manager & EAP |
| Bobididi PV SEF, Limpopo | Root 60Four Energy | Project Manager & EAP |
| Boshof-Les Marais / Buitenfontein SEF, Free State | Bluewave Capital | Project Manager & EAP |
| Bosjesmansberg PV SEF, Northern Cape | Networx | Project Manager & EAP |

| Project Name & Location | Client Name | Role |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------|
| Class 2 & Class 3 Road Networks in the vicinity of the proposed Tambo Springs Freight Hub, Gauteng | SMEC South Africa (on behalf of Gauteng Department of Roads & Transport) | Project Manager & EAP |
| Hibernia SEF, North West | EA Energy | Project Manager & EAP |
| Lephalale PV SEF, Limpopo | Exxaro | Project Manager & EAP |
| Prieska PV SEF, Northern Cape | Terra Solar | Project Manager & EAP |
| Solar Project near Vryburg, North West province | ABO Wind | Project Manager & EAP |
| PV SEF's (x15) for the projects for the REIPP small scale BID, Nationwide | Building Energy | Project Manager & EAP |
| Senekal 1 & 2, Pongola & Newcastle PV SEF's, Kwa-Zulu-Natal | Building Energy | Project Manager & EAP |
| Small scale PV SEF project - 2nd Stage One | Bluewave Capital | Project Manager & EAP |
| Small scale PV SEF project - 2nd Stage One | Building Energy | Project Manager & EAP |
| Stella Helpmekaar SEF, North West | Bluewave Capital | Project Manager & EAP |
| Wolmaransstad Municipality SEF, North West | Bluewave Capital | Project Manager & EAP |
| Solar Project near Beaufort West, Western Cape | ABO Wind | Project Manager & EAP |
| Solar Project near Lichtenburg, Western Cape | ABO Wind | Project Manager & EAP |
| Solar Project near Hotazel, Western Cape | ABO Wind | Project Manager & EAP |
| Small-scale solar PV development site in Ekurhuleni Metropolitan Municipality, Gauteng | Genesis Eco-Energy Developments | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------------------|-------------------------|-----------------|
| ECO for the Contraction of the De Aar & Prieska PV Facilities, Northern Cape | GeStamp | Project Manager |
| ECO for the Construction of the Kathu PV Facility, Northern Cape | REISA / Building Energy | Project Manager |

Compliance Advice and ESAP Reporting

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| ACWA Power SolarReserve Redstone Solar Plant, Northern Cape | SolarReserve | Environmental Advisor |
| Bokpoort PV SEF, Northern Cape | Solafrica | Environmental Advisor |
| Boshof PV SEF, Free State | BlueWave | Environmental Advisor |
| Hennenman PV SEF, Free State | BlueWave | Environmental Advisor |
| Kathu II SEF, Northern Cape | Building Energy | Environmental Advisor |
| Kathu PV SEF, Northern Cape | Building Energy / REISA | Environmental Advisor |
| Prieska PV SEF, Northern Cape | VentuSA | Environmental Advisor |
| San Solar SEF, Northern Cape | VentuSA / Acciona | Environmental Advisor |
| Sishen PV SEF Phase 1, Northern Cape | Aveng / Acciona | Environmental Advisor |
| Wolmaransstad Municipality Solar PV SEF, North West | BlueWave | Environmental Advisor |
| ESAP reporting for the operation phase of the Mulilo Solar PV De Aar and Mililo Solar PV Prieska | Mulilo and X-Elio | Environmental Advisor |

Due Diligence Reporting

| Project Name & Location | Client Name | Role |
|-----------------------------------------|----------------------------------|-----------------------|
| Kabi Kimberley PV Plant, Northern Cape | Enertis Solar | Environmental Advisor |
| Sishen Solar Farm, Northern Cape | Acciona (Windfall 59 Properties) | Environmental Advisor |
| Vaal River Solar 1 PV plant, North West | Enertis Solar | Environmental Advisor |

Environmental Permitting & Water Use License (WUL) Applications

| Project Name & Location | Client Name | Role |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|
| Permitting for the Kathu PV SEF, Northern Cape | Abengoa Solar | Project Manager & EAP |
| S53 application for Kabi Kimberley De Beers PV Plant, Northern Cape | Kabi Energy | Project Manager & EAP |
| S53 application for the Blackwood PV SEF, Free State | VentuSA Energy | Project Manager & EAP |
| S53 application for the Boundary PV SEF, Northern Cape | VentuSA Energy | Project Manager & EAP |
| S53 application for Vaalkop & Witkop PV SEF's, North West | Kabi Energy | Project Manager & EAP |
| S53 applications for various projects (Amandla Welang, Didar, Inkululeko, Kleinfontein, Klip Gat, Naau Poort, Toitdale & Tollie PV SEF's), Northern Cape | Terra Solar | Project Manager & EAP |
| WUL application for the Woodhouse PV1 & PV2 SEF's, North West | Genesis Eco-Energy | Project Manager & EAP |

RENEWABLE POWER GENERATION PROJECTS: CONCENTRATED SOLAR FACILITIES (CSP)**Environmental Impact Assessments and Environmental Management Programmes**

| Project Name & Location | Client Name | Role |
|-----------------------------------------------------------------|----------------------------------------------------|-----------------------|
| De Aar CSP Energy facility, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Khi Solar One CSP facility, Northern Cape | Abengoa Solar | Project Manager & EAP |
| Noupoort CSP facility, Northern Cape | Cresco | Project Manager & EAP |
| Paulputs CSP facility, Northern Cape | Abengoa Solar | Project Manager & EAP |
| Pofadder & Upington CSP facilities, Northern Cape | Abengoa Solar | Project Manager & EAP |
| SolarReserve Kotulo Tsatsi CSP facility, Northern Cape province | SolarReserve | Project Manager & EAP |
| SolarReserve Kotulo Tsatsi CSP1 facility, Northern Cape | Kotulo Tsatsi Energy and SolarReserve South Africa | Project Manager & EAP |
| SolarReserve Kotulo Tsatsi CSP2 facility, Northern Cape | Kotulo Tsatsi Energy and SolarReserve South Africa | Project Manager & EAP |
| SolarReserve Kotulo Tsatsi CSP3 facility, Northern Cape | Kotulo Tsatsi Energy and SolarReserve South Africa | Project Manager & EAP |
| Upington 2 CSP facility, Northern Cape | Abengoa Solar | Project Manager & EAP |
| Upington 3 CSP facility, Northern Cape | Abengoa Solar | Project Manager & EAP |
| Xina Solar One CSP facility, Northern Cape | Abengoa Solar | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|----------------------------------------|--------------------|-----------------|
| KaXu Solar One facility, Northern Cape | Abengoa Solar | Project Manager |
| Khi Solar One facility, Northern Cape | Abengoa Solar | Project Manager |
| Xina Solar One facility, Northern Cape | Abengoa Solar | Project Manager |

Screening Studies

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------|--------------------|-----------------------|
| Site Identification Tool for Proposed CSP Projects, Limpopo | Exxaro | Environmental Advisor |

Compliance Advice and ESAP reporting

| Project Name & Location | Client Name | Role |
|-----------------------------------------------------------------|--------------------|-----------------------|
| Kaxu Solar One CSP facility, Northern Cape | Abengoa Solar | Environmental Advisor |
| Khi Solar One CSP facility, Northern Cape | Abengoa Solar | Environmental Advisor |
| SolarReserve Kotulo Tsatsi CSP facility, Northern Cape province | SolarReserve | Environmental Advisor |
| Xina One CSP facility, Northern Cape | Abengoa Solar | Environmental Advisor |

RENEWABLE POWER GENERATION PROJECTS: WIND ENERGY FACILITIES**Environmental Impact Assessments and Environmental Management Programmes**

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------|----------------------------------------------------------|-----------------------|
| ABs WEF near Indwe, Eastern Cape | Rainmaker Energy | Project Manager & EAP |
| Amakhala Emoyeni WEF, Eastern Cape | Windlab Developments | Project Manager & EAP |
| Amatole (2 phases) WEF, Eastern Cape | Genesis ECO-Energy | Project Manager & EAP |
| Boulders Wind Farm, Western Cape | IPD Power | Project Manager & EAP |
| Britannia Bay WEF, Western Cape | Terra Power Solutions | Project Manager & EAP |
| Castle WEF in De Aar, Northern Cape | Juwi Renewable Energies | Project Manager & EAP |
| Cookhouse WEF, Eastern Cape | African Clean Energy Developments (ACED) & Tertia Waters | Project Manager & EAP |
| Deep River Wind Energy Facility, Eastern Cape | VentuSA Energy | Project Manager & EAP |
| Dorper Phase 1 WEF, Eastern Cape | Rainmaker Energy | Project Manager & EAP |
| Elliot WEF, Eastern Cape | Rainmaker Energy | Project Manager & EAP |
| Garob WEF, Northern Cape | Juwi Renewable Energies | Project Manager & EAP |
| Gouda WEF, Western Cape | VentuSA Energy | Project Manager & EAP |
| Great Karoo WEF, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Gunstfontein WEF, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Happy Valley WEF, Eastern Cape | REISA | Project Manager & EAP |
| Hidden Valley WEF, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Hopefield WEF, Western Cape | Umoya Energy | Project Manager & EAP |
| Karoo Renewable Energy Facility, Northern & Western Cape | SARGE | Project Manager & EAP |
| Karreebosch Wind Farm (Roggeveld Phase 2), Northern Cape & Western Cape | G7 Renewable Energies | Project Manager & EAP |
| Karusa Wind Farm, Northern Cape | African Clean Energy Development | Project Manager & EAP |
| Klipheuwel / Dassiesfontein WEF, Western Cape | BioTherm Energy | Project Manager & EAP |
| Nojoli WEF, Eastern Cape | African Clean Energy Developments | Project Manager & EAP |
| Nxuba WEF, Eastern Cape | African Clean Energy Developments | Project Manager & EAP |
| Olifants River WEF, Western Cape | SARGE | Project Manager & EAP |

| Project Name & Location | Client Name | Role |
|-----------------------------------------|----------------------------------|-----------------------|
| Oyster Bay WEF, Eastern Cape | RES | Environmental Advisor |
| Pofadder x3 WEF's, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Project Blue WEF, Northern Cape | Windy World | Project Manager & EAP |
| Rheboksfontein WEF, Western Cape | Moyeng Energy | Project Manager & EAP |
| Riverbank WEF near Wesley, Eastern Cape | Just Energy | Project Manager & EAP |
| Sere WEF, Western Cape | Eskom Generation | Project Manager & EAP |
| Soetwater Wind Farm, Northern Cape | African Clean Energy Development | Project Manager & EAP |
| Springfontein WEF, Northern Cape | Mainstream Renewable | Project Manager & EAP |
| Stormberg WEF, Eastern Cape | Networx / Prana Energy | Project Manager & EAP |
| Suurplaat WEF, Western & Northern Cape | Moyeng Energy | Project Manager & EAP |
| Uiekraal WEF, Western Cape | Crenergol | Project Manager & EAP |
| West Coast One WEF, Western Cape | Moyeng Energy | Project Manager & EAP |
| West Coast WEF, Western Cape | Exxaro | Project Manager & EAP |
| Zen WEF near Gouda, Western Cape | VentuSA Energy | Project Manager & EAP |

Basic Assessments

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Britannia Bay Wind Monitoring Mast, Western Cape | Terra Power Solutions | Project Manager & EAP |
| Caledon, Worcester & Tulbach Wind Monitoring Masts, Western Cape | SAGIT | Project Manager & EAP |
| Deep River Wind monitoring Mast, Eastern Cape | VentuSA Energy | Project Manager & EAP |
| Denhami Wind Farm, Western Cape | Richard Young | Project Manager & EAP |
| Dorper, Abs & Dobos Wind Monitoring Masts, Eastern Cape | Rainmaker Energy | Project Manager & EAP |
| Hopefield Wind Monitoring Mast, Western Cape | Umoya Energy | Project Manager & EAP |
| Klawer Wind Energy Facility, Western Cape | Vendiwell | Project Manager & EAP |
| Klipheuwel / Dassiesfontein Wind Monitoring Mast, Western Cape | BioTherm Energy | Project Manager & EAP |
| Riverbank Wind Monitoring Mast, Eastern Cape | Just Energy | Project Manager & EAP |
| Wind Monitoring Masts near Suurplaat, Western Cape | Investec Bank | Project Manager & EAP |
| Wind Monitoring Masts on the West Coast & Darling, Western Cape | Investec Bank | Project Manager & EAP |

Screening Studies

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------|------------------------------------------|-----------------------|
| Cookhouse WEF, Eastern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| De Aar WEF, Northern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Developments within identified areas in the Overberg, Western Cape | BioTherm Energy | Project Manager & EAP |
| Hopefield WEF, Western Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Juno WEF, Western Cape | AMDA Developments | Project Manager & EAP |
| Lambert's Bat WEF, Western Cape | Vaayu Energy SA | Project Manager & EAP |
| Wind 500 – Eskom's investigation for new sites | Eskom Holdings | Project Manager & EAP |
| Struisbaai area WEF, Western Cape | Richard Young | Project Manager & EAP |
| Suurplaat WEF, Western Cape | Investec Bank | Project Manager & EAP |
| Theewaterskloof Municipality WEF, Western Cape | Theewaterskloof Municipality | Project Manager & EAP |

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------|---------------------------------------------------------------------|-----------------------|
| WEF's on x2 site on the West Coast, Western Cape | Investec Bank | Project Manager & EAP |
| Various WEF's in the Western Cape | Department of Environmental Affairs & Development Planning (DEA&DP) | Project Manager & EAP |
| Van Reenens WEF, Kwa-Zulu Natal & Free State | 4GREEN Development Africa | Project Manager & EAP |
| WEF Development within the Sandveld area, Western Cape | Kovacs Investments (Nick Prium) | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------|---------------------|-----------------|
| ECO for the Construction of the Dorper Phase 1 WEF, Eastern Cape | Rainmaker Energy | Project Manager |
| ECO for the Construction of the Gouda Wind Farm, Western Cape | Blue Falcon Trading | Project Manager |
| EO for the Construction of the Dassiesklip WEF, Western Cape | Group Five | Project Manager |

Compliance Advice & ESAP Reporting

| Project Name & Location | Client Name | Role |
|--------------------------------------|------------------------------------------|-----------------------|
| Amakhala Emoyeni WEF, Eastern Cape | Windlab Developments | Environmental Advisor |
| Cookhouse II WEF, Eastern Cape | African Clean Energy Developments | Environmental Advisor |
| Cookhouse WEF, Eastern Cape | African Clean Energy Developments | Environmental Advisor |
| Dorper Phase 1 WEF, Eastern Cape | Rainmaker Energy | Environmental Advisor |
| Garob WEF, Northern Cape | Juwi Renewable Energies | Environmental Advisor |
| Gouda WEF, Western Cape | Aveng / Acciona | Environmental Advisor |
| Happy Valley WEF, Eastern Cape | VentuSA Energy / EDPR | Environmental Advisor |
| Hidden Valley WEF, Northern Cape | African Clean Energy Developments (ACED) | Environmental Advisor |
| Hopefield WEF, Western Cape | Umoya Energy | Environmental Advisor |
| Karusa Wind Farm, Northern Cape | African Clean Energy Development | Environmental Advisor |
| Loperberg WEF, Eastern Cape | Rainmaker Energy | Environmental Advisor |
| Nobelsfontein WEF, Northern Cape | Coria / SARGE | Environmental Advisor |
| Nojoli WEF, Eastern Cape | African Clean Energy Developments (ACED) | Environmental Advisor |
| Nxuba WEF, Eastern Cape | African Clean Energy Developments | Environmental Advisor |
| Oyster Bay WEF, Eastern Cape | RES | Environmental Advisor |
| Riverbank Wind WEF, Eastern Cape | InnoWind | Environmental Advisor |
| Roggeveld Phase 1 WEF, Northern Cape | Building Energy | Environmental Advisor |
| Soetwater Wind Farm, Northern Cape | African Clean Energy Development | Environmental Advisor |
| Springfontein WEF, Northern Cape | Mainstream Renewable | Environmental Advisor |
| Zen WEF, Western Cape | VentuSA Energy | Environmental Advisor |

Due Diligence Reporting

| Project Name & Location | Client Name | Role |
|------------------------------------|---------------------|-----------------------|
| Gouda WEF, Western Cape | Blue Falcon Trading | Environmental Advisor |

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------|-----------------|-----------------------|
| Loeriesfontein, Khobab & Noupoort WEF's, Northern Cape | Actis | Environmental Advisor |
| Roggeveld Wind Farm, Northern Cape | Building Energy | Environmental Advisor |

Environmental Permitting & WUL Applications

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------|------------------------------------------|-----------------------|
| Permitting for the Cookhouse WEF, Eastern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| Permitting for the Karusa Wind Farm, Northern Cape | African Clean Energy Development | Project Manager & EAP |
| Permitting for the Sere WEF, Western Cape | Eskom | Project Manager & EAP |
| Permitting for the Soetwater Wind Farm, Northern Cape | African Clean Energy Development | Project Manager & EAP |
| Permitting Riverbank WEF, Eastern Cape | Electrawinds | Project Manager & EAP |
| S24G for the Klipheuwel / Dassiesfontein WEF, Western Cape | | Project Manager & EAP |
| S53 application for the Nxuba Wind Farm, Eastern Cape | African Clean Energy Developments (ACED) | Project Manager & EAP |
| S53 Application for the Zen WEF, Western Cape | VentuSA Energy | Project Manager & EAP |
| WUL application for the Oyster Bay WEF, Eastern Cape | RES | Project Manager & EAP |

CONVENTIONAL POWER GENERATION PROJECTS (COAL)

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------|-------------|-----------------------|
| H2 Energy Power Station, Mpumalanga | H2 Energy | Project Manager & EAP |

Screening Studies

| Project Name & Location | Client Name | Role |
|---------------------------------------------------------------|-------------|-----------------------|
| Coal fired power station in the Bethal area, Mpumalanga | ISS Global | Project Manager & EAP |
| Indwe Power Station, Eastern Cape | IPSA | Project Manager & EAP |
| IPP Base Load Power Station Development in Lephalale, Limpopo | Exxaro | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|-----------------------------------------------------------------|----------------|-----------------|
| ISO 14001:2015 Audit for the Hendrina Power Station, Mpumalanga | Eskom Holdings | Project Manager |

GAS to POWER GENERATION PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------|
| Ankerlig OCGT to CCGT Conversion project & the Transmission Power Line between Ankerlig and the Omega Substation, Western Cape | Eskom Generation | Project Manager & EAP |
| Gourikwa OCGT to CCGT Conversion project & the Transmission Power Line between Gourikwa and the | Eskom Generation | Project Manager & EAP |

| | | |
|----------------------------------------------------------------------------|--------|-----------------------|
| Proteus Substation, Western Cape | | |
| Neopak Combined Heat and Power (CHP) Plant, Rosslyn, Gauteng | Neopak | Project Manager & EAP |
| Richards Bay Combined Cycle Gas Turbine (CCGT) Power Plant, Kwa-Zulu Natal | Eskom | Project Manager & EAP |

Screening Studies

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| Environmental Analysis for Gas Transmission Pipelines in the Clayville, Nigel and Wadeville areas, Gauteng | Energy Group | Project Manager |

INFRASTRUCTURE DEVELOPMENT PROJECTS (BRIDGES, PIPELINES, ROADS, WATER RESOURCES, STORAGE, ETC)

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------|
| Afguns Road Realignment Project, Limpopo | Eskom Holdings | Project Manager & EAP |
| Expansion of the existing Welgedacht Water Care Works, Gauteng | ERWAT | Project Manager & EAP |
| Industrial Metals Cluster, Northern Cape | Northern Cape Department of Economic Development and Tourism | Project Manager & EAP |
| Modification of the existing Hartebeestfontein Water Care Works, Gauteng | ERWAT | Project Manager & EAP |

Basic Assessments

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------|
| New Raw Water Reservoir & Pipeline for the Medupi Power Station, Limpopo | Eskom Holdings | Project Manager & EAP |
| Msenge Emoyeni WEF Watercourse Crossings, Eastern Cape | Windlab | Project Manager & EAP |
| Dilokong Transport Facility, Limpopo | South African National Roads Agency Limited (SANRAL) | Project Manager & EAP |
| Neopak Water Treatment Plant, Gauteng | Neopak | Project Manager & EAP |
| Realignment of MR73 Road for the Construction of the Paulputs CSP Facility, Northern Cape | Abengoa Solar | Project Manager & EAP |
| Biomass Storage Area in Support of the Mkuze Biomass Power Station, KwaZulu-Natal | Building Energy | Project Manager & EAP |
| Wastewater Dam & Pipeline in Support of the Mkuze Biomass Power Station, Kwa-Zulu Natal | Building Energy | Project Manager & EAP |
| Watercourse Crossings for the Klawer Wind Energy Facility, Western Cape | Vendiwell | Project Manager & EAP |

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------|---------------------------------|-----------------|
| ECO for the Construction of the Tiffindell Ski Resort, Eastern Cape | Tiffindell Ski | ECO |
| ECO for the Distribution centre & warehouse at Lords View Industrial Estate, Gauteng | Oliver & Partners | Project Manager |
| ECO for the Upgrade of the Waterval Wastewater Treatment Works, Gauteng | BCP Palace (on behalf of ERWAT) | Project Manager |

Compliance Advice and reporting

| Project Name & Location | Client Name | Role |
|-------------------------------------|--------------------|-----------------------|
| Mkuze Biomass Plant, Kwa-Zulu Natal | Building Energy | Environmental Advisor |
| Tiffindell Ski, Eastern Cape | Tiffindell Ski | Environmental Advisor |

Environmental Permitting & WUL Applications

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------|--------------------|-----------------------|
| Permitting, S53 & WULA for the Mkuze Biomass Plant, Kwa-Zulu Natal | Building Energy | Project Manager & EAP |
| WULA for the Visserhok Waste Tyre Depot, Western Cape | REDISA | Project Manager & EAP |
| WULA for the Witbank Waste Tyre Depot, Mpumalanga | REDISA | Project Manager & EAP |

MINING

Environmental Compliance, Auditing and ECO

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------|--------------------|-----------------|
| Compliance Audit for the Palesa Coal Mine WML, Mpumalanga province | HCI Coal | Project Manager |
| Compliance Audit Waste Use Licene for the Mbali Coal Mine, Mpumalanga province | HCI Coal | Project Manager |

ENVIRONMENTAL MANAGEMENT TOOLS

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------|
| Review the effectiveness & efficiency of the environmental impact management (EIA) system in South Africa, and formulate an environmental impact management strategy and action plan | National Department of Environmental Affairs | Environmental Advisor |
| Drafting a Position Paper: Project Financing and Environmental Risk Management (considering IFC Performance Standards & Equator Principles) | Standard Bank Group | Environmental Advisor |
| EMP for the Phase 1 of the Elitheni Coal Mine Project, Eastern Cape | Elitheni Coal | Environmental Advisor |
| Gap Analysis of Environmental Management Systems (EMS) with ISO 14001:2004 | Venture Diversified Products | Environmental Advisor |
| Development of Provincial Guidelines for 4x4 routes | Western Cape Department of Environmental Affairs & Development Planning | Environmental Advisor |
| Permitting Study on the Status of Renewable Energy Projects in South Africa | E.ON | Environmental Advisor |
| Practical review of EGI SEA | CSIR | Environmental Advisor |
| Development & Implementation of the Environmental Management Systems (EMS) with ISO 14001:2004 for the UBS Office in Sandton, Gauteng | UBS AG | Environmental Advisor |

| | | |
|---------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|
| Resource & Efficiency Plans for the operation phase of the Mulilo Solar PV De Aar and Mililo Solar PV Prieska | Mulilo and X-Elio | Environmental Advisor |
|---------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|

TRAINING

| Project Name & Location | Client Name | Role |
|---------------------------------------------------|--------------------|-----------------|
| Hendrina Power Station Environmental Law Training | Eskom Holding | Project Manager |
| Radar Training for NCC Biologists | EchoTracks | Project Manager |



CURRICULUM VITAE OF CHANTELE GEYER

- Profession :** Environmental Assessment Practitioner and Lead GIS Consultant
- Specialisation:** Environmental Management; Project-Related GIS Mapping; Water Use Licenses; Public Participation; General Geology and Geochemistry.
- Work Experience:** One year in the environmental field.

VOCATIONAL EXPERIENCE

Chantelle is a conscientious and ambitious Environmental Consultant who holds a BSc (Hons) degree in Environmental Geology. She recently graduated from the North-West University where she consistently stayed in the top 3 of her class. She joined a group of passionate academic peers in her third year to create the first North-West University Geoscience Society to teach young earth scientists about the environment and introduce them to professional mentors, thus bridging the gap between university and a professional career. She was appointed as project manager for this society for two consecutive terms and organized career talks, academic game shows, alumni talks, clean-up initiatives, and numerous team-building events.

She has special interests in geological formations, geochemistry, minerals, contamination studies, rehabilitation and restoration of disturbed areas, as well as hydrology. However, she found her passion for Environmental Management during an environmental internship where she gained experience in:

- Environmental Impact Assessments
- Project-related GIS mapping
- Water use licences
- Public participation processes

Chantelle is a loyal and enthusiastic individual who is dedicated to further her studies in Environmental Management, Environmental Legislation, GIS-mapping, and studies on the renewable energy sector of South Africa. Her goal is to gain knowledge in the processes of Basic Assessments, Environmental Impact Assessments, Environmental Compliance, EA amendments, environmental permitting, public participation, screening assessments, and environmental authorisation applications. She aims to use this knowledge to strategically consult clients and undertaking projects efficiently and to the highest standard.

SKILLS BASE AND CORE COMPETENCIES

- Specialized in environmental permitting
- Great organisational skills
- Good at time management
- Passionate about the environment
- Compilation of Environmental Reports in compliance with environmental legislation.
- Project management for environmental-related events and projects.
- Water Use Licences
- Aiding with public participation processes.
- Experience with South African environmental legislation.

- ArcMap.

EDUCATION AND PROFESSIONAL STATUS

Degrees:

- BSc Environmental Sciences, North-West University, Potchefstroom (2021)
- BSc Honours Environmental Geology, North-West University, Potchefstroom (2022)

Short Courses:

- Advanced Microsoft Excel Qualification, Lead Academy (2020)

Professional Society Affiliations:

- Candidate EAP with the Environmental Assessment Practitioners Association of South Africa (EAPASA)(2022/5021)
- Registered with the International Association for Impact Assessment South Africa (IAIAsa)
- Golden Key International Honour Society

EMPLOYMENT

| Date | Company | Roles and Responsibilities |
|---------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| July 2023 – Present: | Savannah Environmental (Pty) Ltd | <i>Environmental Assessment Practitioner and Lead GIS Consultant</i> <u>Tasks include:</u> <i>Environmental Assessment Practitioner (EAP); Leading project-related GIS mapping. Performing Basic Assessment Reports and Environmental Impact Assessments, Environmental Permitting, and Public Participation Processes.</i> |
| July 2022 – July 2023: | Savannah Environmental (Pty) Ltd | <i>Junior Environmental Consultant</i> <u>Tasks include:</u> <i>Environmental Assessment Practitioner (EAP); Specialising in project-related GIS mapping. Performing Basic Assessment Reports and Environmental Impact Assessments, Assisting with public participation processes.</i> |
| February 2020 – November 2022 | North-West University Geoscience Society | <i>Project Manager</i> <u>Tasks include:</u> <i>Organize and facilitate all the committee events Plan and allocate project resources Creating a budget Track projects progress and inform the rest of the society members regarding the running projects Translation of important documents and posters Graphic Design Social Media management and marketing</i> |
| September 2021 – November 2021 | Prescali Environmental (Pty) | <i>Environmental Intern</i> <u>Tasks included:</u> |

| Date | Company | Roles and Responsibilities |
|------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Liaising with senior management on environmental concerns, Preparing Water Use Licence (WUL) audits, Taking minutes during meetings, Public Participation tasks. |

PROJECT EXPERIENCE

Project experience includes renewable energy projects, grid connection infrastructure, and other infrastructure.

RENEWABLE POWER GENERATION PROJECTS: SOLAR ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------|---------------------------------------------|-----------------------------|
| Mutsho Solar PV (4x100MW projects), Limpopo | Cri-Eagle | Junior EAP & GIS Specialist |
| Harmony One Plant Solar PV Facility (30MW), Free State | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Harmony Target Solar PV Facility (30MW), Free State | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Harmony Joel Solar PV Facility (18MW), Free State | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Umbhila Emoyeni SEF (150MW), Mpumalanga | Windlab Developments South Africa (Pty) Ltd | Junior EAP & GIS Specialist |
| Phadima Solar PV Facility (240MW), Gauteng Province | WKN Windcurrent | EAP & GIS Specialist |
| Rivierplaats Energy Park (200MW), Free State | Pele Energy | EAP & GIS Specialist |

Basic Assessments

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------|------------------------------------------|-----------------------------|
| Harmony Central Plant Solar PV Facility (14MW), Free State | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Harmony Moab Khotsong Solar PV Facility (100MW), Free State | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Highveld Solar PV Facility (240MW), North West | WKN Windcurrent | Junior EAP & GIS Specialist |
| Riet Solar PV Cluster (400MW), Mpumalanga | African Clean Energy Developments (ACED) | Junior EAP & GIS Specialist |
| Harmony Kalgold Solar PV Facility (15MW), North West | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Harmony Chemwes Solar PV Facility (15MW), North West | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Quantum 1 Solar PV Facility (10MW), Gauteng | South African Mainstream Renewable Power | EAP & GIS Specialist |
| Matla Solar PV Facility (35MW), Mpumalanga | Cennergi Holdings | EAP & GIS Specialist |

Environmental Permitting, S53, Water Use Licence (WUL), Waste Management Licence (WML) & Other Applications

| Project Name & Location | Client Name | Role |
|--------------------------------|--------------|-----------------------------|
| San Solar PV Part 1 Amendment | Acciona | Junior EAP & GIS Specialist |
| San Solar PV WULA | Acciona | Junior EAP & GIS Specialist |
| Red Sands PV3 Part 1 Amendment | AGV Projects | Junior EAP & GIS Specialist |

| | | |
|--------------------------------------------|-------------------|-----------------------------|
| Harmony Central Plant Solar PV Facility GA | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Harmony Moab Khotsong Solar PV Facility GA | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Mutsho Solar PV (4x100MW projects) GAs | Cri-Eagle | EAP & GIS Specialist |
| Harmony One Plant Solar PV Facility GA | ENGP/Harmony Gold | Junior EAP & GIS Specialist |
| Highveld Solar PV Facility GA | WKN Windcurrent | EAP & GIS Specialist |
| Highveld Solar PV Facility S53 | WKN Windcurrent | EAP & GIS Specialist |
| Umbila SEF Biodiversity Permitting | Seriti Green | EAP & GIS Specialist |

RENEWABLE POWER GENERATION PROJECTS: WIND ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|----------------------------------------|---------------------------------------------|-----------------------------|
| Umbila Emoyeni WEF (666MW), Mpumalanga | Windlab Developments South Africa (Pty) Ltd | Junior EAP & GIS Specialist |

Basic Assessments

| Project Name & Location | Client Name | Role |
|---------------------------------------|--------------------|-----------------------------|
| Kudu Wind Farm (625MW), Eastern Cape | EnergyTeam | Junior EAP & GIS Specialist |
| Tango Wind Farm (240MW), Eastern Cape | EnergyTeam | Junior EAP & GIS Specialist |

Environmental Permitting, S53, Water Use Licence (WUL), Waste Management Licence (WML) & Other Applications

| Project Name & Location | Client Name | Role |
|------------------------------------|--------------------|----------------------|
| Umbila WEF Biodiversity Permitting | Seriti Green | EAP & GIS Specialist |

RENEWABLE POWER GENERATION PROJECTS: OTHER TECHNOLOGY

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------------------|--------------------|----------------|
| Renewable Anzani Power Plant (65MW), Mpumalanga | HDF Energy | GIS Specialist |
| Renewable Kopano Power Plant (65MW), Mpumalanga | HDF Energy | GIS Specialist |

GRID INFRASTRUCTURE PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|------------------------------------|---------------------------------------------|-----------------------------|
| Umbila Emoyeni EGI, Mpumalanga | Windlab Developments South Africa (Pty) Ltd | Junior EAP & GIS Specialist |

Basic Assessments

| Project Name & Location | Client Name | Role |
|---------------------------------------|--------------------|-----------------------------|
| Mutsho Solar Grid Connection, Limpopo | Cri-Eagle | Junior EAP & GIS Specialist |
| Highveld Grid Connection, North West | WKN Windcurrent | Junior EAP & GIS Specialist |

INFRASTRUCTURE DEVELOPMENT PROJECTS (BRIDGES, PIPELINES, ROADS, WATER RESOURCES, STORAGE, ETC)

Basic Assessments

| Project Name & Location | Client Name | Role |
|----------------------------------------------|------------------------------------------|--------------------------------------|
| <i>Witberg WEF Access Road, Western Cape</i> | <i>Red Rocket South Africa (Pty) Ltd</i> | <i>Junior EAP and GIS Specialist</i> |
| <i>Impofu Buffer Yard, Eastern Cape</i> | <i>Enel Green Power South Africa</i> | <i>GIS Specialist</i> |

CURRICULUM VITAE OF NICOLENE VENTER

| | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profession : | Public Participation and Social Consultant |
| Specialisation: | Public participation process; stakeholder engagement; facilitation (workshops, focus group and public meetings; public open days; steering committees); monitoring and evaluation of public participation and stakeholder engagement processes |
| Work Experience: | 23 years' experience as a Public Participation Practitioner and Stakeholder Consultant |

VOCATIONAL EXPERIENCE

Over the past 23 years Nicolene established herself as an experienced and well recognised public participation practitioner, facilitator and strategic reviewer of public participation processes. She has experience in managing public participation and stakeholder engagement projects and awareness creation programmes. Her experience includes designing and managing countrywide public participation and stakeholder engagement projects and awareness creation projects, managing multi-project schedules, budgets and achieving project goals. She has successfully undertaken several public participation processes for EIA, BA and WULA projects. The EIA and BA process include linear projects such as the NMPP, Eskom Transmission and Distribution power lines as well as site specific developments such as renewable energy projects i.e. solar, photo voltaic and wind farms. She also successfully managed stakeholder engagement projects which were required to be in line with the Equator Principles, locally and in neighbouring countries.

SKILLS BASE AND CORE COMPETENCIES

- Project Management
- Public Participation, Stakeholder Engagement and Awareness Creation
- Public Speaking and Presentation Skills
- Facilitation (workshops, focus group meetings, public meetings, public open days, working groups and committees)
- Social Assessments (Stakeholder Analysis / Stakeholder Mapping)
- Monitoring and Evaluation of Public Participation and Stakeholder Engagement Processes
- Community Liaison
- IFC Performance Standards
- Equator Principles
- Minute taking, issues mapping, report writing and quality control

EDUCATION AND PROFESSIONAL STATUS

Degrees / Diplomas / Certificates:

- Higher Secretarial Certificate, Pretoria Technicon (1970)

Short Courses:

- Techniques for Effective Public Participation, International Association for Public Participation, IAP2 (2008)
- Foundations of Public Participation (Planning and Communication for Effective Public Participation), IAP2 (2009)
- Certificate in Public Participation – IAP2SA Modules 1, 2 and 3 (2013)

Certificate in Public Relations, Public Relation Institute of South Africa, Damelin Management School (1989)

Professional Society Affiliations:

- Member of International Association for Public Participation (IAP2): Southern Africa

EMPLOYMENT

| Date | Company | Roles and Responsibilities |
|-------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| November 2018 – current | Savannah Environmental (Pty) Ltd | <p>Public Participation and Social Consultant</p> <p><u>Tasks include:</u></p> <p><i>Tasks include: Drafting of a Public Participation Plan with key deliverable dates and methodology to be followed, Background Information Document, Letters to Stakeholders and Interested and/or Affected Parties (I&APs) inclusive of key project deliverables and responses to questions / concerns raised; Stakeholder identification; facilitating stakeholder workshops, focus group and public meetings; conduct one-on-one consultation with Community Leaders, Tribal Chiefs, affected landowners, etc.</i></p> <p><i>Managing interaction between Stakeholders and Team Members, liaising with National, Provincial and Local Authorities, managing community consultation and communications in project affected areas, attend to the level of technical information communicated to and consultation with all level of stakeholders involved.</i></p> |

| Date | Company | Roles and Responsibilities |
|---------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2016 – October 2018 | Imaginative Africa (Pty) Ltd <i>(Director of Imaginative Africa)</i> | Independent Consultant Consulting to various Environmental Assessment Practitioners for Public Participation and Stakeholder Engagements: <u>Tasks include:</u> Tasks include: Drafting of a Public Participation Plan with key deliverable dates and methodology to be followed, Background Information Document, Letters to Stakeholders and Interested and/or Affected Parties (I&APs) inclusive of key project deliverables and responses to questions / concerns raised; Stakeholder identification; facilitating stakeholder workshops, focus group and public meetings; conduct one-on-one consultation with Community Leaders, Tribal Chiefs, affected landowners, etc. Managing interaction between Stakeholders and Team Members, liaising with National, Provincial and Local Authorities, managing community consultation and communications in project affected areas, attend to the level of technical information communicated to and consultation with all level of stakeholders involved <u>Clients:</u> SiVEST Environmental Savannah Environmental Baagi Environmental Royal Haskoning DHV (previously SSI) |
| 2013 - 2016 | Zitholele Consulting Contact person: Dr Mathys Vosloo Contact number: 011 207 2060 | Senior Public Participation Practitioner and Project Manager <u>Tasks included:</u> Project managed public participation process for EIA/BA/WULA/EAL projects. Manages two Public Participation Administrators. Public Participation tasks as outlined as above and including financial management of public participation processes. |
| 2011 - 2013 | Imaginative Africa (Pty) Ltd <i>(company owned by Nicolene Venter)</i> | Independent Consultant Consulting to various Environmental Assessment Practitioners for Public Participation and Stakeholder Engagements <u>Tasks included:</u> Drafting of a Public Participation Plan with key deliverable dates and methodology to be followed, Background Information Document, |

| | | |
|--------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>Letters to Stakeholders and Interested and/or Affected Parties (I&APs) inclusive of key project deliverables and responses to questions / concerns raised; Stakeholder identification; facilitating stakeholder workshops, focus group and public meetings; conduct one-on-one consultation with Community Leaders, Tribal Chiefs, affected landowners, etc.</p> <p>Managing interaction between Stakeholders and Team Members, liaising with National, Provincial and Local Authorities, managing community consultation and communications in project affected areas, attend to the level of technical information communicated to and consultation with all level of stakeholders involved</p> <p><u>Clients:</u> Bohlweki Environmental Bembani Sustainability (Pty) Ltd Naledzi Environmental</p> |
| 2007 – 2011 | SiVEST SA (Pty) Ltd Contact person: Andrea Gibb Contact number: 011 798 0600 | Unit Manager: Public Participation Practitioner <u>Tasks included:</u> Project managed public participation process for EIA/BA projects. Manages two Junior Public Participation Practitioners. Public Participation tasks as outlined as above and including financial management of public participation processes. |
| 2005 – 2006 | Imaginative Africa (Pty) Ltd (company owned by Nicolene Venter) | Independent Consultant Public Participation and Stakeholder Engagement Practitioner <u>Tasks included:</u> Drafting of a Public Participation Plan with key deliverable dates and methodology to be followed, Background Information Document, Letters to Stakeholders and Interested and/or Affected Parties (I&APs) inclusive of key project deliverables and responses to questions / concerns raised; Stakeholder identification; facilitating stakeholder workshops, focus group and public meetings; conduct one-on-one consultation with Community Leaders, Tribal Chiefs, affected landowners, etc. Managing interaction between Stakeholders and Team Members, liaising with National, Provincial and Local Authorities, managing community consultation and communications in project affected areas, attend to the level of technical |

| | | |
|--------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>information communicated to and consultation with all level of stakeholders involved.</p> <p><u>Clients:</u></p> <p>Manyaka-Greyling-Meiring (previously Greyling Liaison and currently Golder Associates)</p> |
| 1997 - 2004 | <p>Imaginative Africa (Pty) Ltd</p> <p>(company owned by Nicolene Venter)</p> | <p>Independent Consultant: Public Participation Practitioner.</p> <p><u>Tasks included:</u></p> <p>Drafting of a Public Participation Plan with key deliverable dates and methodology to be followed, Background Information Document, Letters to Stakeholders and Interested and/or Affected Parties (I&APs) inclusive of key project deliverables and responses to questions / concerns raised; Stakeholder identification; facilitating stakeholder workshops, focus group and public meetings; conduct one-on-one consultation with Community Leaders, affected landowners, etc.</p> <p>Managing interaction between Stakeholders and Team Members, liaising with National, Provincial Local Authorities, managing community consultation and communications in project affected areas, attend to the level of technical information communicated to and consultation with all level of stakeholders involved.</p> <p><u>Clients:</u></p> <p>Greyling Liaison (currently Golder Associates); Bemani Sustainability (Pty) Ltd; Lidwala Environmental; Naledzi Environmental</p> |

PROJECT EXPERIENCE

RENEWABLE POWER GENERATION PROJECTS

PHOTOVOLTAIC SOLAR ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Lichtenburg PVs (3 PVs) & Power Lines (grid connection), Lichtenburg, North West Province | Atlantic Energy Partners EAP: Savannah Environmental | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders, Landowners & Community Leaders | |
| Allepad PVs 4 PVs) & Power Lines (grid connection), Upington, Northern Cape Province | IL Energy EAP: Savannah Environmental | | |
| Hyperion Solar PV Developments (4 PVs) and Associated Infrastructures, Kathu, Northern Cape Province | Building Energy EAP: Savannah Environmental | | |
| Aggeneys Solar PV Developments (2 PVs) and Associated Infrastructures, Aggeneys, Northern Cape Province | Atlantic Energy Partners and ABO Wind EAP: Savannah Environmental | | |
| Upilanga Solar Park, Northern Cape (350MW CSP Tower) | Emvelo Capital Projects (Pty) Ltd | | |
| Khunab Solar Development, consisting of Klip Punt PV1, McTaggarts PV1, McTaggarts PV2, McTaggarts PV3 and the Khunab solar Grid Connection near Upington, Northern Cape Province | Atlantic Energy Partners and Abengoa | | |
| Sirius Solar PV3 and PV4, near Upington, Northern Cape Province | Solal | | |
| Geelster PV 1 and PV2 solar energy facilities, near Aggeneys, Northern Cape | ABO Wind | | |
| Naledi PV and Ngwedi PV solar energy facilities, near Upington, Northern Cape | Atlantic Energy Partners and Abengoa | | |
| Kotulo Tsatsi PV1, Kotulo Tsatsi PV3 and Kotulo Tsatsi PV4 solar energy facilities, near Kenhardt, Northern Cape | Kotulo Tsatsi Energy | | |
| Tlisitseng PV, including Substations & Power Lines, Lichtenburg, North West Province Sendawo PVs, including Substations & Power Lines, Vryburg, North West Province Helena Solar 1, 2 and 3 PVs, Copperton, Northern Cape Province | BioTherm Energy EAP: SiVEST | | Public Participation, Landowner and Community Consultation |
| Farm Spes Bona 23552 Solar PV Plants, Bloemfontein, Free State Province | Surya Power EAP: SiVEST | | Public Participation, Landowner and Community Consultation |
| De Aar Solar Energy Facility, De Aar, Northern Cape Province | South Africa Mainstream Renewable Power | Public Participation, Landowner and Community Consultation | |
| Droogfontein Solar Energy Facility, Kimberley, Northern Cape Province | Developments EAP: SiVEST | | |
| Kaalspruit Solar Energy Facility, Loeriesfontein, Northern Cape Province | | | |

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|------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|
| Platsjambok East PV, Prieska, Northern Cape Province | | |
| Renosterburg PV, De Aar, Northern Cape Province | Renosterberg Wind Energy Company EAP: SIVEST | Public Participation, Landowner and Community Consultation |
| 19MW Solar Power Plant on Farm 198 (Slypklip), Danielskuil, Northern Cape Province | Solar Reserve South Africa EAP: SIVEST | Public Participation, Landowner and Community Consultation |

Basic Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upilanga Solar Park, Northern Cape (x6 100MW PV's and x3 350MW PV Basic Assessments) | Emvelo Capital Projects (Pty) Ltd | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders, Landowners & Community Leaders |
| Sirius Solar PV Solar Energy Facility, Upington, Northern Cape Province | SOLA Future Energy | |
| Khunab Solar Development, consisting of Klip Punt PV1, McTaggart PV1, McTaggart PV2, McTaggart PV3 and the Khunab solar Grid Connection near Upington, Northern Cape Province | Atlantic Energy Partners and Abengoa | |

WIND ENERGY FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|
| Aletta Wind Farm, Copperton, Northern Cape Province | BioTherm Energy EAP: SIVEST | Public Participation |
| Eureka Wind Farm, Copperton, Northern Cape Province | | |
| Loeriesfontein Wind Farm, Loeriesfontein, Northern Cape Province | South Africa Mainstream Renewable Power Developments EAP: SIVEST | Public Participation |
| Droogfontein Wind Farm, Loeriesfontein, Northern Cape Province | | |
| Four Leeuwberg Wind Farms, Loeriesfontein, Northern Cape Province | | |
| Noupoort Wind Farm, Noupoort, Northern Cape Province | | |
| Mierdam PV & Wind Farm, Prieska, Northern Cape Province | | |
| Platsjambok West Wind Farm & PV, Prieska, Northern Cape Province | | |

Basic Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-----------------------------------------------------------------|-------------|------|
| Cluster of Renewable Energy Developments, Eastern Cape Province | Wind Relic | |

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|-------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nama Wind Energy Facility, Northern Cape Province | Genesis ECO EAP: Savannah Environmental | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders, Landowners & Community Leaders |
| Zonnequa Wind Energy Facility, Northern Cape Province | | |

CONCENTRATED SOLAR FACILITIES (CSP)

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upington Concentrating Solar Plant and associated Infrastructures, Northern Cape Province | Eskom Holdings EAP: Bohlweki Environmental | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders, Landowners & Community Leaders |

CONVENTIONAL POWER GENERATION PROJECTS (GAS)

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|-------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 450MW gas to power project and associated 132kV power line, Richards bay, KwaZulu-Natal | Phinda Power Producers | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders & Landowners |
| 4000MW gas to power project and associated 400kV power lines, Richards bay, KwaZulu-Natal | Phinda Power Producers | |
| Richards Bay Gas to Power Combined Cycle Power Station, KwaZulu-Natal | Eskom Holdings SoC Limited | |

GRID INFRASTRUCTURE PROJECTS

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 132/11kV Olifantshoek Substation and Power Line, Northern Cape | Eskom | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders, Landowners & Community Leaders |
| Grid connection infrastructure for the Namas Wind Farm, Northern Cape Province | Genesis Namas Wind (Pty) Ltd | |
| Grid connection infrastructure for the Zonnequa Wind Farm, Northern Cape Province | Genesis Zonnequa Wind (Pty) Ltd | |
| Khunab Solar Grid Connection, near Upington, Northern Cape Province | Atlantic Energy Partners and Abengoa | |
| Pluto-Mahikeng Main Transmission Substation and 400kV Power Line (Carletonville to Mahikeng), Gauteng and North West Provinces | Eskom Holdings EAP: Baagi Environmental | |
| Thyspunt Transmission Lines Integration Project, Eastern Cape Province | Eskom Holdings EAP: SIVEST | |
| Westrand Strengthening Project, Gauteng Province | | Public Participation, |

| | | |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------|
| Mookodi Integration Project, North-West Province | | |
| Transnet Coallink, Mpumalanga and KwaZulu-Natal Provinces | | |
| Delarey-Kopela-Phahameng Distribution power line and newly proposed Substations, North-West Province | | Public Participation, Landowner and Community Consultation |
| Invubu-Theta 400kV Eskom Transmission Power Line, KwaZulu-Natal Province | Eskom Holding EAP: Bemani Environmental | |
| Melkhout-Kudu-Grassridge 132kV Power Line Project (project not submitted to DEA), Eastern Cape Province | Eskom Holdings EAP: SIVEST | Public Participation, Landowner and Community Consultation |
| Tweespruit-Welroux-Driedorp-Wepener 132Kv Power Line, Free State Province | | |
| Kuruman 132Kv Power Line Upgrade, Northern Cape Province | Eskom Holdings EAP: Zitholele | |
| Vaalbank 132Kv Power Line, Free State Province | | |
| Pongola-Candover-Golela 132kV Power Line (Impact Phase), KwaZulu-Natal Province | | |

PART 2 AMENDMENTS

| Project Name & Location | Client Name | Role |
|---------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------|
| Transalloys Coal-Fired Power Station near Emalahleni, Mpumalanga Province | Transalloys (Pty) Ltd | Project Manage the Public Participation Process |
| Zen Wind Energy Facility, Western Cape | Energy Team (Pty) Ltd | |
| Hartebeest Wind Energy Facility, Western Cape | juwi Renewable Energies (Pty) Ltd | |
| Khai-Ma and Korana Wind Energy Facilities | Mainstream Renewable Power (Pty) Ltd | |

FACILITATION

| Project Name & Location | Client Name | Meeting Type |
|----------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------|
| Bloemfontein Strengthening Project, Free State Province | Eskom Holdings EAP: Baagi Environmental | Public Meetings |
| Moodraai-Smitkloof 132kV Power Line and Substation, Northern Cape Province | Eskom Holdings EAP: SSI | Focus Group Meetings |
| Aggeneis-Oranjemond 400kV Eskom Transmission Power Line, Northern Cape Province | Eskom Holdings EAP: Savannah Environmental | Focus Group Meetings & Public Meetings |
| Ariadne-Eros 400kV/132kV Multi-Circuit Transmission Power Line (Public Meetings) | Eskom Holdings EAP: ACER Africa | Public Meetings |
| Majuba-Venus 765kV Transmission Power Lines, Mpumalanga Province | | |
| Thabametsi IPP Power Station, Limpopo Province | Thabametsi Power Company EAP: Savannah Environmental | Focus Group Meeting & Public Meeting |
| Aggeneis-Oranjemond Transmission Line & Substation Upgrade, Northern Cape | Eskom Transmission | Focus Group Meetings & Public Meetings |

SCREENING STUDIES

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------|------------------------------------------------|-------------------|
| Potential Power Line Alternatives from Humansdorp to Port Elizabeth, Eastern Cape Province | Nelson Mandela Bay Municipality EAP: SiVEST | Social Assessment |

ASH DISPOSAL FACILITIES

Environmental Impact Assessments and Environmental Management Programmes

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------|
| Medupi Flue Gas Desulphurisation Project (up to completion of Scoping Phase), Limpopo Province | Eskom Holdings SOC Ltd EAP: Zitholele Consulting | Public Participation, Landowner and Community Consultation |
| Kendal 30-year Ash Disposal Facility, Mpumalanga Province | | |
| Kusile 60-year Ash Disposal Facility, Mpumalanga Province | | |
| Camden Power Station Ash Disposal Facility, Mpumalanga Province | | |
| Tutuka Fabric Filter Retrofit and Dust Handling Plant Projects, Mpumalanga Province | Eskom Holdings SOC Ltd EAP: Lidwala Environmental | |
| Eskom's Majuba and Tutuka Ash Dump Expansion, Mpumalanga Province | | |
| Hendrina Ash Dam Expansion, Mpumalanga Province | | |

INFRASTRUCTURE DEVELOPMENT PROJECTS (BRIDGES, PIPELINES, ROADS, WATER RESOURCES, STORAGE, ETC)

Basic Assessments

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Expansion of LOX and Diesel Storage at the Air Products Facility in Coega, Eastern Cape | Air Products South Africa (Pty) Ltd | Project Manage the Public Participation Process Facilitate all meetings Consultation with Government Officials, Key Stakeholders & Landowners |
| Transnet's New Multi-Products Pipeline traversing Kwa-Zulu Natal, Free State and Gauteng Provinces | Transnet EAP: Bohlweki Environmental | |
| Realignment of the Bulshoek Dam Weir near Klaver and the Doring River Weir near Clanwilliam, Western Cape Province | Dept of Water and Sanitation EAP: Zitholele | Public Participation |

STAKEHOLDER ENGAGEMENT

| Project Name & Location | Client Name | Role |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------|
| Socio-Economic Impact Study for the shutdown and repurposing of Eskom Power Stations: Komati Power Station, Hendrina Power Station & Grootvlei Power Station | Urban-Econ | Project Management for the stakeholder engagement with Community |

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|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------|
| | | Representatives in the primary data capture area |
| First State of Waste Report for South Africa | Golder Associates on behalf of the Department of Environmental Affairs | Secretarial Services |
| Determination, Review and Implementation of the Reserve in the Olifants/Letaba System | Golder Associates on behalf of the Department of Water and Sanitation | |
| Orange River Bulk Water Supply System | | |
| Levuvu-Letaba Resources Quality Objectives | | |

FACILITATION

| Project Name & Location | Client Name | Meeting Type |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------|
| Determination, Review and Implementation of the Reserve in the Olifants/Letaba System | Department of Water and Sanitation | Secretarial Services |
| Orange River Bulk Water Supply System | Golder Associates | Secretarial Services |
| Levuvu-Letaba Resources Quality Objectives | | Secretarial Services |
| SmancorCR Chemical Plant (Public Meeting), Gauteng Province | Samancor Chrome (Pty) Ltd EAP: Environmental Science Associates | Public Meeting |
| SANRAL N4 Toll Highway Project (2 nd Phase), Gauteng & North West Provinces | Department of Transport EAP: Bohlweki Environmental | Public Meetings |

MINING SECTOR

Environmental Impact Assessment and Environmental Management Programme

| Project Name & Location | Client Name | Role |
|----------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| Zero Waste Recovery Plant at highveld Steel, Mpumalanga Province | Anglo African Metals EAP: Savannah Environmental | Public Participation |
| Koffiefontein Slimes Dam, Free State Province | Petra Diamond Mines EAP: Zitholele | Public Participation |
| Baobab Project: Ethenol Plant, Chimbanje, Middle Sabie, Zimbabwe | Applicant: Green Fuel EAP: SIVEST | Public Participation & Community Consultation |
| BHP Billiton Energy Coal SA's Middelburg Water Treatment Plant, Mpumalanga | BHP Billiton Group EAP: Jones & Wagener | Public Participation |

ENVIRONMENTAL AUTHORISATION AMENDMENTS

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|
| Transalloys Coal-Fired Power Station near Emalahleni, Mpumalanga Province | Transalloys (Pty) Ltd | Public Participation |
| Zen Wind Energy Facility, Western Cape | Energy Team (Pty) Ltd | |
| Hartebeest Wind Energy Facility, Western Cape | juwi Renewable Energies (Pty) Ltd | |
| Khai-Ma and Korana Wind Energy Facilities | Mainstream Renewable Power (Pty) Ltd | |
| Beaufort West 280MW Wind Farm into two 140MW Trakas and Beaufort West Wind Farms, Western Cape | South Africa Mainstream Renewable Power Developments EAP: SIVEST | |

SECTION 54 AUDITS

| Project Name & Location | Client Name | Role |
|------------------------------------------------------------------|--------------------------------|----------------------------------------------------|
| Mulilo 20MW PV Facility, Prieska, Northern Cape | Mulilo (Pty) Ltd | Public Participation: I&AP Notification process |
| Mulilo 10MW PV Facility, De Aar, Northern Cape | Mulilo (Pty) Ltd | |
| Karoshhoek CSP 1 Facility/ Solar One, Upington, Northern Cape | Karoshhoek Solar One (Pty) Ltd | |