

Appendix A: Core Team CVs

Matthew Law

Principal Environmental Management Consultant



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| Profession | Principal Environmental Consultant and Economist |
| Nationality | South African |
| Education | MCom, Resource Economics, 2007 BSc (Hons), Economics, 2005 BSc, Environmental Science and Economics, 2004 |
| Registrations and Affiliations | Registered Environmental Assessment Practitioner (EAP): 2019-488 IAIAsa (International Association for Impact Assessment – South Africa): Member |

Specialisation Environmental Impact Assessment, Economic Impact Assessment; Environmental Management Planning, Development Planning / Project Scoping

Expertise Matthew Law has 13 years' experience in the environmental sector, including Environmental Impact Assessment (throughout Southern Africa), Environmental Permitting (including waste, water and heritage), Environmental Management Planning and Environmental Auditing. Matthew has extensive experience in the mining sector, and detailed knowledge of and practical experience with legislation governing applications relating to environmental authorisations, mining right applications and waste management and water use licensing.

Matthew regularly undertakes Economic Impact Assessments to inform Social and Environmental Impact Assessment processes. In addition, Matthew has experience in environmental valuation and assessing ecosystems services, and in a number of Social and Economic Impact Assessments for resource based projects in South and Central Africa. Matthew is also a certified Environmental Assessment Practitioner.

Employment

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| 2008 - present | SRK Consulting Pty (Ltd), Environmental Management Consultant |
| 2007 - 2008 | AVDS Environmental Consultants, Environmental Management Consultant |
| 2006 - 2007 | Rhodes University: Department of Entomology, Resource Economics Consultant |

Languages English – read, write, speak (Excellent)
Afrikaans – read, write, speak (Fair)

Matthew Law

Principal Consultant

Environmental (and Social) Impact Assessment (EIA or ESIA)

- Eskom, Screening study for ~200 km 275 kV transmission powerline, Western Cape, 2019 – ongoing, R5 million
- Tronox Mineral Sands, EIA for in-pit residue storage facility at Namakwa Sands Mine, Brand se Baai, Western Cape, 2019 – ongoing, R1.7 million
- Human Settlements Holistic Services, EIA for affordable housing development, Cape Town, Western Cape, 2019 – ongoing, R200k
- Tronox Mineral Sands, EIA for prospecting in the “coastal setback” at Namakwa Sands Mine, Brand se Baai, Western Cape, 2018 – ongoing, R800k
- Motaengil Africa, IFC compliant EIA for Private Hospital, Luanda, Angola, 2018 – 2019, R640k
- City of Cape Town (Aurecon), EIA for the decommissioning of a power station, Cape Town, Western Cape, 2018 – ongoing, R530k
- Angola Environmental Services, EIA for waste transfer facility, Soyo, Angola, R180k
- Angola Environmental Services, EIA for waste management facilities, Luanda, Angola, R180k
- Eskom, EIA for 66 kV Hex - Sandhills powerline Hex River Valley, Western Cape, 2017 - suspended, R340 000
- Eskom, EIA for 66 kV Hugo - Osplaas powerline Hex River Valley, Western Cape, 2017 - suspended, R360 000
- Eskom, EIA for 132 / 66 kV Ceres - Witzenburg powerline Ceres, Western Cape, 2017 - ongoing, R330 000
- Angola Environmental Services, EIA for two waste management facilities at the Sonils base, Luanda, Angola, 2017, R300 000
- Eskom, EIA for 132 / 66 kV Romansrivier powerline Ceres, Western Cape, 2017, R500 000
- Angola Environmental Services, EIA for hazardous waste landfill, Bengo Province, Angola, 2017 – Ongoing, R800 000
- Angola Environmental Services, EIA amendment for expansion of Hazardous Waste Landfill, Soyo, Angola, 2017 – Ongoing, R170 000
- MSR, EIA for expansion of mining activities at Tormin Heavy Mineral Sands Mine, Koekenaap, Western Cape, 2016 – 2018, R1 200 000
- Peninsula Energy, Strategic input into PEL Karoo Uranium EIA processes and project review, Western and Eastern Cape, 2016 – 2017, R250 000
- Eskom, Basic Assessment for expansion of oil recycling facility, Brackenfell, Western Cape, 2016 – 2018, R160 000
- Tronox Mineral Sands (Pty) Ltd, Environmental Impact Assessment (EIA) for Waste Management Licence for West Mine Slimes Dam 6, Brand se Baai, Western Cape, 2015 – 2017, R900 000
- Liesbeek Leisure Properties Trust, Redevelopment of the River Club Property (Mixed Use Development), EIA for redevelopment, Observatory, Western Cape, 2015 – ongoing, R1 000 000
- Saldanha Bay Municipality, EIA for stormwater detention facilities and associated infrastructure at Middelpoos, Saldanha Bay, Western Cape, 2015 – 2018, R120 000
- Liesbeek Leisure Properties Trust, Preliminary consulting for future redevelopment of the River Club, Observatory, Western Cape, 2015, R30,000

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- Nadeson Consulting Services, Various applications for the authorisation of stormwater infrastructure, Saldanha Bay and Langebaan, 2014 – 2017, R300,000
- Sonangol Exploration, EIA for Seismic Survey of Kwanza Onshore Blocks 11 and 12, Kissama, Angola, 2014, R600,000
- Tronox Mineral Sands (Pty) Ltd, Environmental Impact Assessment (EIA) for amendments to the East OFS Project, Brand se Baai, West Coast, South Africa, 2014 – 2016, R1 400,000
- Angola Environmental Services, EIA for Landfill, Soyo, Angola, 2013, US \$120,000
- Sonangol, EIA for Optic Fibre Cable Landing Sites, Various, Angola, 2013, US \$60,000
- Western Cape Department of Human Settlements, Various environmental assessments for low cost housing developments, West Coast District, Western Cape, 2013, R1 000,000+
- Angola Environmental Services, EIA for Thermal Desorption Facility, Soyo, Angola, 2013, US \$120,000
- Langeberg Municipality, BA for Waste Management Licence, Bonnievale, Western Cape, 2012 – 2013, R300,000
- Transnet National Ports Authority, BA for Environmental Authorisation, Saldanha Bay, Western Cape, 2012 – 2013, R250,000
- Airports Company of South Africa, BA for Environmental Authorisation, Cape Town International Airport, Cape Town, Western Cape, 2012 – 2013, R140,000
- Viaquin Investments, EIA and Environmental Management Programme (EMPr) for Prospecting Right, North of Vanrynsdorp, West Coast, South Africa, 2012, R80,000
- Tecmad, Retrospective EIA for Environmental Licence, Lucapa, Lunda Norte, Angola, 2012, R250,000
- Tronox, EIA and EMPr for Mining Right, EIA and EMPr for Mining Right, Brand se Baai, West Coast, South Africa, 2012 – 2016, R1 500,000
- Rareco / GWMD, EIA and EMPr amendment application for Mining Right, Vanrhynsdorp, Western Cape, South Africa, 2011 (suspended mid process), R800 000 (EIA component only)
- Ranor Karoo Farm Holdings cc, EIA for Environmental Authorisation, Richmond, Northern Cape, South Africa, 2010 – 2014, R400,000
- Overstrand Municipality, BA for Environmental Authorisation, Hemel en Aarde, Western Cape, 2009 – 2011, R400,000
- Sonangol Logistica, EIAs for Environmental Licences for 6 fuel installations, Angola – Malange, Lubango and Luanda, 2010, US \$250,000
- Symphony Land Venture, BA for Environmental Authorisation, Cape Town, Western Cape, South Africa, 2009, R300,000
- HMG JV – Transnet, EIA for Environmental Authorisation, Saldanha Bay, Western Cape, South Africa, 2008 – 2009 (suspended mid process), R25 000,000
- Symphony Land Venture, BA for Environmental Authorisation, Philippi, Western Cape, South Africa, 2008 – 2009, R200,000
- Worcester Land Trust, BA for Environmental Authorisation, Worcester, 2008 – 2009, R200,000

Economic Assessments

- Anglo Gold Ashanti, Economic Baseline Report for Siguirri Gold Mine, Guinea, 2018, R130 000
- Pam Golding / Pennyroyal (Gibraltar) Ltd., Economics benefits analysis of Amber Resort Development, Zanzibar, Tanzania, 2017, R300 000

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- Tronox Mineral Sands, Socio-Economic Impact Assessment of Mining and Associated Operations, Matzikama Municipality, Western Cape, 2017, R120 000
- Liesbeek Leisure Properties Trust, Review of Socio-Economic Impact Assessment for mixed-use development for River Club Redevelopment EIA, Cape Town, Western Cape, 2016 – Ongoing, R80 000
- Eskom, Socio-economic Impact Assessment for Koeberg Spent Nuclear Fuel Transient Interim Storage Facility, Cape Town, Western Cape, 2015, R60 000
- West Coast District Municipality , Economic baseline for District and Local Municipalities and CBA for ICMP Management Priorities, West Coast, South Africa, 2012, R70,000 (economic component only)
- Elemental Minerals Limited, Economic Impact Assessment, Pointe Noire, Congo Brazzaville, 2011 – 2012, US \$30,000
- AF-ROM Energy, Socio-economic Impact Assessment, Eastern Cape, South Africa, 2012, R60 000
- Rareco / GWMD, Socio-economic Impact Assessment, Vanrhynsdorp, Western Cape, South Africa, 2011, R60,000
- Mafutha Coal to Liquids Facility, Macro Economic Impact Assessment, Limpopo, South Africa, 2010 - 2011, R300,000
- Reko Diq Gold and Copper Mine EIA, Review of Economic Impact Assessment, Pakistan, 2010, R50,000
- Working for Water (South Africa), Solicited thesis that quantified the benefit of water hyacinth control measures using various techniques including contingent valuation, Nahoon, East London, 2006 – 2007, R200,000
- Rhodes University Department of Entomology / Working for Water (South Africa), Cost benefit analysis, Hluhluwe Umfolozi Park, Kwazulu Natal, 2006, R30,000
- Rhodes University Department of Entomology / Working for Water (South Africa), Cost benefit analysis, Ensleni Nature Reserve, Kwazulu Natal, 2005, R40,000

Environmental Planning

- Kudumane Manganese Resources, EMP Amendment for KMR Manganese Mine, Hotazel, Northern Cape, 2017 – 2018, R170 000
- St Gobain, NEMA compliant EMP for gypsum mine, Vanrhynsdorp, Western Cape, 2016, R350 000
- Breede River Winelands Municipality, Environmental Management Framework, Breede River Winelands Municipality, Western Cape, 2010 / 2011 (Ongoing), R1 600,000
- Eigendom Broiler Farm, Operation Management and Monitoring Plan, Eigendom Farm, Gauteng, 2010, R60,000
- Brandwacht Developments (Pty) Ltd, Construction and Operation Management Plans, Stellenbosch, Western Cape, 2010, R50,000
- City of Cape Town, Environmental Management Framework, Cape Town, Western Cape, South Africa, 2008, R500,000

Environmental Control

- Eskom, Bi-monthly inspections of installation of new powerline, Goedverwacht, Western Cape, 2016, R170 000
- Engen, Environmental Control Officer, Milnerton, Western Cape, South Africa, 2008 – 2011, R300,000

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- Brandwacht Land Development (Pty) Ltd, Environmental Control Officer, Stellenbosch, Western Cape, South Africa, 2010 – 2011, R80,000
- Airport Company of South Africa Environmental Control Officer, 2009 – 2010, R60,000
- Communicare, Environmental Control Officer, Goodwood, Western Cape South Africa, 2008 – 2009, R100,000
- Various (~20 separate appointments), Environmental Control Officer, Noordhoek, Western Cape, South Africa, 2007 – 2008, R100,000

Other Environmental Projects

- Tronox Mineral Sands, Watercourse habitat assessment and rehabilitation monitoring plan, Brand se Baai, Western Cape, 2019, R170k
- LA Fuels and Ecoservices, 24G Application for illegal reconstruction of solvent and oil recycling facility, Bellville, Cape Town, 2019 – ongoing, R170 000
- Black Mountain Mining (Vedanta), Black Mountain and Gamsberg Mines Integrated Water and Waste Management Plan Annual external audit, Aggeneys, Northern Cape, 2019, R120k
- Black Mountain Mining (Vedanta), Black Mountain and Gamsberg Mines: Bi-annual external audit of EMPs, Aggeneys, Northern Cape, 2019, R100k
- Black Mountain Mining (Vedanta), Black Mountain and Gamsberg Mines: Integrated Water and Waste Management Plan annual external audit, Northern Cape, 2018, R120k
- Spectrum Cannabis, Medical Marijuana Farm and Processing Facility Due Diligence, Malmesbury, Western Cape, 2018, R120k
- Peninsula Energy Limited, Ryst Kuil and Quaggasfontein Uranium Mines Strategic EIA advisory services to proponent: Environmental legislation expert and process strategist, Western and Eastern Cape, 2017 – 2018, R230 000
- Zenprop, Water Use Licence for groundwater abstraction at the Table Bay Mall, Cape Town, 2018, R90 000
- MSR, EIA for expansion of heavy mineral beach sand mining and inland mining: Project consultant and process strategist, Keokenaap, Western Cape, 2017 – ongoing, R370 000
- Eskom, Water Use Licence Applications for Romansrivier, Witzenburg, Hex – Sandhills and Hugo – Oslaas Powerlines, Western Cape, 2017 – ongoing, R350 000
- Liesbeek Leisure Properties Trust, NEMA Checklist of Applicability for the storage of fill material for River Club Redevelopment, Observatory, Western Cape, 2017, R30 000
- Liesbeek Leisure Properties Trust, Water Use Licence of the storage of fill material for River Club Redevelopment, Observatory, Western Cape, 2017, R60 000
- Atlantic Salmon, Water Use Licence for salmon aquaculture and orchards, Elands Bay, Western Cape, 2016, R40 000
- Eskom, Water Use Licence for construction of power lines, over Gamagara River, Kathu, Northern Cape, 2016, R60 000
- Tronox, EMP performance review of various EMPs for mining activities, Brand-se-Baai, Western Cape, 2016, R240 000
- Liesbeek Leisure Properties Trust, Water Use Licence application for River Club Redevelopment, Observatory, Western Cape, 2016 – ongoing, R40 000

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- Tronox, Development of Closure Commitments and Rehabilitation Monitoring Plan for Namakwa Sands Mine, Brand-se-Baai, Western Cape, 2015 – 2016, R600 000
- Nadeson Consulting Services, Water Use Authorisation Application for upgrade of sidewalk, Wellington, Western Cape, 2015, R40 000
- Atlantic Renewable Energy Partners (Pty) Ltd, Preliminary Water Use Licence Application for Bloemsmoed 1 and 2 Solar Farms, Uppington, Northern Cape, 2015, R45 000
- Nadeson Consulting Services, Maintenance Management Plan for Stormwater Outlet, Langebaan, Western Cape, 2015, R50 000
- Atlantic Renewable Energy Partners (Pty) Ltd, Water Use Licence Application for Sirius Solar One Solar Farm, Uppington, Northern Cape, 2015, R130 000
- Aurora Power Solutions (Pty) Ltd, Water Use Licence Applications for Dyasonsklip 1 and 2 Solar Farms, Uppington, Northern Cape, 2015, R230 000
- Nadeson Consulting Services, 24G Application for illegal construction of car park, Langebaan, Western Cape, 2015, R70 000
- Nadeson Consulting Services, Application for Ad-hoc development setback line for stormwater infrastructure upgrades, Langebaan, Western Cape, 2015, R60 000
- Tronox, Scope of Work for development of Rehabilitation Monitoring Plan, Brand-se-Baai, West Coast, South Africa, 2015, R60,000
- Brandwacht aan Rivier Home Owners Association, Water Use Licence Application, Stellenbosch, Western Cape, 2015, R40,000
- Tronox, Audit, Brand-se-Baai, West Coast, South Africa, 2014, R200,000
- Cisco, Due Diligence for National Scrap Metal, Kuilsriver, Western Cape, Cape Town, 2014, R80,000
- RE Capital 3, Water Use Licence Application for two potential solar farms, Uppington, Western Cape, R30,000
- Tronox, Closure Application for Prospecting Right, Brand se Baai, West Coast, South Africa, 2014, R70,000
- Curro Holdings Limited, Environmental Scans for various school sites, Various, 2014, R50,000
- Provincial Government of the Western Cape, Water Use Licence Application, Stellenbosch, Western Cape, 2013, R60,000
- Western Cape Department of Human Settlements, Water Use General Authorisation, Porterville, Western Cape, 2013, R50,000
- Provincial Government of the Western Cape, Water Use Licence Application, Stellenbosch, Western Cape, 2012, R70,000
- Tronox, Audit, Brand-se-Baai, West Coast, South Africa, 2012, R160,000
- Provincial Government Western Cape, Water Use Licence Application, Stellenbosch, Western Cape, 2012, R70,000
- Rareco / GWMD, Water Use Licence Application, Vanrhynsdorp, Western Cape, South Africa, 2011, R90,000
- Overstrand Municipality, Water Use Licence Application, Hemel en Aarde, Western Cape, 2009- 2010, R60,000

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- National Scrap Metal (Pty) Ltd, 24G Rectification Application for Waste Management Licence and Environmental Authorisation for an illegal steel shredder, Kuils River, Western Cape, 2009 – 2011, R270,000

Sue Reuther

Principal Consultant



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| Profession | Environmental Consultant |
| Education | MPhil (Environmental Management), University of Cape Town, 2004 BSc (Hons), (Economics), University College London, 2001 |
| Registrations/ Affiliations | Registered Environmental Assessment Practitioner (EAP): Number 2020/425 Member, IAIAAsa |

Specialisation Environmental impact assessments, economic and resource economic impact assessment, environmental control officer, state of the environment reporting (including environmental management frameworks), visual impact assessment.

Expertise Sue Reuther has been involved in environmental assessment sector in South Africa, Africa and Latin America for the past 16 years. Her expertise includes:

- A variety of environmental impact assessment and management projects, including IFC / PS compliant processes, strategic assessments and spatial planning projects, in South Africa, Africa (Mozambique, Angola, DRC, Guinea and Liberia) and South America (Suriname) for a range of projects, including mining, infrastructure, oil and gas and coastal and marine developments;
- Environmental and Social Due Diligence (ESDD) reviews against Good International Industry Practice (GIIP) in Angola, Israel, Ethiopia and DRC; and
- Socio-economics and resource economics specialist input and assessments in South Africa, Suriname, DRC, Tanzania and Uganda.

She has 2 years of previous experience in strategy and financial research and assessment (London).

Employment

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| 2005 - present | SRK Consulting (Pty) Ltd, Associate Partner and Principal Environmental Consultant |
| 2003 - 2004 | University of Cape Town (UCT), MPhil Environmental Management |
| 2001 - 2002 | JPMorgan Chase, Equity Research Analyst, London |
| 2000 (Jul - Oct) | Chase Manhattan Bank, Financial Institutions Analyst, London |
| 1998 - 2001 | University College London (UCL), BSc (Honours) Economics, London |

Publications

A number of publications, in *Development Southern Africa* and for JPMorgan.

I have been interviewed and quoted in numerous environmental and sustainability articles published in the press and sector specific journals, including *Urban Green File*, *Mining World*, *Construction World*, *Environmental Management and Civil Engineering*.

I give guest lectures to UCT 4th year and post-graduate students on EIA since 2014.

Languages

English – read, write, speak (Excellent)
 German – read, write, speak (Excellent)
 French – read, write, speak (Good)
 Spanish – read, write, speak (Good)
 Portuguese – read (Good)
 Dutch – read, speak (Good)
 Afrikaans – read, understand (Good)

Sue Reuther

Principal Consultant

Environmental (and Social) Impact Assessments (EIA or ESIA)

- Tronox Mineral Sands, Screening study to provide environmental input into the site selection process for the Sand Tailings Facility (STF) and the preferred In-Pit Residue Storage Facility (RSF) for the Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, South Africa, 2019 – 2020, R300,000
- Tronox Mineral Sands, EIA for proposed construction and operation of an In-Pit Residue Storage Facility (RSF) and Sand Tailings Facility (STF) for the Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, South Africa, 2019 – 2020, R1,900,000
- Staatsolie Maatschappij Suriname, Environmental Management and Monitoring Plan (EMMP), including impact assessment, for Staatsolie's Cyclic Steam Stimulation (CSS) Enhanced Oil Recovery (EOR) project in the Tambaredjo oil field, Suriname, 2019 – 2020, \$40,500
- Staatsolie Maatschappij Suriname, Environmental Management and Monitoring Plan (EMMP) , including impact assessment, for Staatsolie's Polymer Flooding Enhanced Oil Recovery (EOR) project in the Tambaredjo oil field, Suriname, 2019, \$64,000
- Maritime Authority Suriname, ESIA update for the Suriname River Dredging Project (SRDP), Suriname, 2019, US\$172,000
- Staatsolie Maatschappij Suriname, ESIA for the construction of a new 36 MW HFO-fuelled power plant in the Saramacca District, Suriname, 2018 – 2019, US\$125,000
- Sezignyn, EIA for Exploration Right Application, Offshore Block Orange Deep West, West Coast, South Africa, 2018, R150,000
- Ricocure, EIA for Exploration Right Application, Offshore Block 3B, West Coast, South Africa, 2018, R150,000
- Sezignyn, EIA for Exploration Right Application, Offshore Mid-Orange Basin, West Coast, South Africa, 2018, R150,000
- Mineral Sands Resources, Section 24G Application to apply for rectification of an unlawful activity, South Africa, 2018 - ongoing, R95,000
- Joule Africa, Initial Environmental and Social Assessment of the KPEP Hydropower Project, Cameroon, 2018, \$10,800
- Impact Oil and Gas, EIA for 2D and/or 3D Seismic Survey in Orange Deep Basin, South Africa, 2017, R600,000
- City of Cape Town, EIA in support of a Waste Management Licence application for the operation of the Vissershok North Landfill, Cape Town, 2017 – 2018, R650,000
- Sungu Sungu, EIA for proposed 3D seismic survey in the offshore Pletmos Basin, South Coast, 2016 – 2018, R500,000
- Mineral Sand Resources, EIA for the Tormin Coastal Mine Expansion, Western Cape, 2016 – 2017, R1,500,000
- Department of Agriculture, Forestry and Fisheries (DAFF), Project Definition and EIA for a proposed Aquaculture Development Zone (ADZ) in Saldanha Bay, Western Cape, 2016 – 2018, R1,000,000
- Provincial Government Western Cape, Environmental Authorisation Amendment Application process for a section of the R310 upgrade at Spier, Western Cape, South Africa, 2015 – 2019, R100,000
- Transnet Capital Projects, EIA for the construction of additional substations, transmission infrastructures and area lighting masts near the Port of Saldanha, Western Cape, 2015 – 2016, R360,000

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- Simo Petroleum, ESIA to IFC standards for the transportation and storage of fuel in Liberia, 2015 – 2016 (suspended), \$175,000
- Simo Petroleum, ESIA to IFC standards for the transportation and storage of fuel in southern Guinea, 2015 – 2016 (suspended), \$175,000
- Provincial Government Western Cape, EIA for the construction of a bypass in Hermanus, including EMP and Water Use Authorisation (WUA), Hermanus, Western Cape, 2014 – ongoing, R1,400,000
- Lucky Star, Section 24G Application and Environmental Impact Assessment to apply for rectification of an unlawful activity, St. Helena Bay, Western Cape, 2015 – 2016, R330,000
- Sable Mining / West Africa Explorations (WAE), Cumulative Impact Assessment for WAE's Nimba iron ore mine, Guinea, 2014 – 2015 (suspended), US\$90,000
- Hatch Goba, BA and WUA for the proposed upgrade of a portion of Slent Road, City of Cape Town, South Africa, 2013 – 2015, R200,000
- Sonangol, ESIA and EMP for terrestrial aspects of the four landing sites of SOOC, Angola, 2013, US\$47,000
- Maersk Oil Angola, ESIA and EMP for a 3D seismic survey in an offshore oil concession area, Angola, 2013, US\$35,000
- Lucky Star (formerly: Oceana Brands), Review and Public Participation for AEL renewal for fishmeal plant in St. Helena Bay, St. Helena Bay, Western Cape, 2013, R40,000
- N.V. Energiebedrijven Suriname (EBS), ESIA and EMMP for construction of a new 84 MW power plant in Paramaribo, Suriname, 2013 – 2014, US\$130,000
- Maersk Oil Angola, ESIA and EMP for prospect drilling of 6 wells in offshore Block 16, Angola, 2012 – 2013, US\$35,000
- WesternGeco, ESIA and EMP for a 3D seismic survey in an offshore oil concession area, Angola, 2012, US\$35,000
- Rare Metals Industries, Scoping study, including applications for AEL and WML, for construction of a specialty metals production complex, Saldanha, Western Cape, 2012 – 2014, R230,000
- WesternGeco, ESIA and EMP for a 3D seismic survey in an offshore oil concession area, Angola, 2012, US\$35,000
- Staatsolie Maatschappij Suriname, Rapid Environmental Assessment and EMP for expansion of a power plant from 14 MW to 28 MW, Suriname, 2012 – 2013, US\$100,000
- Transnet (TPT), Operational EMP for the Saldanha Terminal, including the Break Bulk and Bulk Terminals, Saldanha, Western Cape, 2012, R88,000
- AECOM (Pty) Ltd on behalf of Western Cape Department of Transport and Public Works, EIA and EMP for the proposed completion of the R45 road corridor near Malmesbury in the Western Cape, Western Cape, South Africa, 2012 – 2016, R600,000
- Provincial Government Western Cape, BA and EMP for proposed upgrade of Annandale Road, Stellenbosch, South Africa, 2011, R150,000
- Staatsolie Maatschappij Suriname, EIA and EMP for proposed construction of diesel, gasoline and LGP pipelines, Suriname, 2011 – 2012, US\$120,000
- Premier Fishing, EIA, incl. EMP and applications for AEL and CWDP, for proposed re-establishment of fishmeal plant in Saldanha, Saldanha Bay, South Africa, 2011 – 2015, R1 200,000

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- WesternGeco, EIA and EMP for proposed offshore 3D seismic survey of concession Block 20, Angola, 2010, US\$30,000
- WesternGeco, EIA and EMP for proposed offshore 3D seismic survey of concession Block 19, Angola, 2010, US\$30,000
- Provincial Government Western Cape, EIA and EMP for upgrade of Main Road 168 through Stellenbosch Wine Route, Stellenbosch, South Africa, 2009 – 2012, R1 100,000
- Transnet, Basic Assessment and EMP to inform AEL application, Saldanha Bay, Western Cape, 2009 – 2010, R900,000
- BHP Billiton, Environmental and Social Impact Assessment of dredging operations, Suriname, South America, 2007 – 2008, US\$500,000
- Transnet, EIA of proposed expansion of Transnet's Iron Ore Terminal at Port of Saldanha, Saldanha Bay, Western Cape, 2007 – 2008, R22 000,000
- BHP Billiton, ESIA of bauxite transport options, Bakhuis, Sipaliwini district, Suriname, South America, 2006 – 2008, US\$2 000,000
- Transnet, EIA and EMP of deepening of Ben Schoeman Dock, Cape Town Harbour, Cape Town, Western Cape, 2006 – 2007, R1 500,000
- Provincial Government Western Cape, EIA and EMP for proposed upgrade of Main Road 108 in Gordon's Bay, Gordon's Bay, Western Cape, 2006 – 2007, R200,000
- Nassau IER, Initial Environmental Review of Phase 1 bauxite exploration activities in Nassau, Nassau Mountains, Suriname, South America, 2006, US\$12,200
- BHP Billiton, ESIA and EMP of proposed bauxite mine, Bakhuis, Sipaliwini district, Suriname, South America, 2005 – 2008, US\$4 000,000
- Provincial Government Western Cape, EIA and EMP for proposed upgrade of Trunk Road 2 in Somerset West, Somerset West, Western Cape, 2005 – 2006, R200,000

Economic and Social Assessments

- SRK NA, on behalf of Centerra Gold, Input into and review of economic impact assessment for the Kumtor Gold Mine Conceptual Closure Plan Update, Kyrgyzstan, 2019, \$23,000
- KSEMS (on behalf of SANRAL), Social Impact Assessment for the Upgrade of National Road 3 Section 3 Pietermaritzburg, South Africa, 2019, R86,000
- Allied Gold Corp, Economic specialist study for the Dish Mountain Gold Project, Ethiopia, 2018 – suspended in Dec 2019, \$11,000
- Sierra Rutile Limited, Economic input into the SRL Area 1 Mine Environmental, Social and Health Impact Assessment, Sierra Leone, 2018, R35 000
- Serina Kaolin, Update of socio-economic impact assessment for proposed Chapman's Peak Estate, Cape Town, 2017, R45,000
- RSK, Economic specialist component of three socio-economic impact assessments for the East African Crude Oil Pipeline (EACOP), Uganda and Tanzania, 2016 – 2017, \$40,000
- Eskom, Economic input into socio-economic study for Eskom Generation Fleet Renewal Project, South Africa, 2016 – 2017, R25,000
- Tronox Mineral Sands, Socio-economic impact assessment for the Doringbaai Abalone Farm, West Coast, South Africa, 2016, R85,000

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- Provincial Government Western Cape, Socio-economic impact assessment for the Hermanus CBD Bypass Project, Hermanus, Western Cape, 2016, R85,000
- River Club, Socio-economic impact assessment for the redevelopment of the River Club, Cape Town, January 2016 – 2017, R77,000
- Airports Company South Africa (ACSA), Socio-economic baseline study and Spatial Analysis study for proposed runway realignment at Cape Town International Airport, Cape Town, 2014 – 2016, R200,000
- PPC Cement, Update of the socio-economic assessment in the ESIA and ESMP for the PPC Barnet Songololo cement plant and quarry in Bas Congo Province to ensure compliance of the documents with IFC standards and other lender requirements, Bas Congo Province, Democratic Republic of Congo, 2013 – 2014,
- Nyumba Ya Akiba Sprl, Update of the socio-economic assessment in the ESIA and EMP for the Nyumba Ya Akiba cement plant in Bas Congo Province to ensure compliance of the documents with IFC standards and other lender requirements, Bas Congo Province, Democratic Republic of Congo, 2013, R94,000
- Sasol, Socio-economic specialist study for proposed mine development, Limpopo, South Africa, 2013, R90,000
- FCX / PDG, Socio-economic specialist study for proposed copper mine, Democratic Republic of Congo, 2012, R50,000
- AF-ROM Energy, Socio-economic specialist study for proposed 75 MW solar farm, Victoria West, Northern Cape, South Africa, 2012, R50,000
- AF-ROM Energy, Socio-economic specialist study for proposed 75 MW solar farm, Craddock, Eastern Cape, South Africa, 2012, R50,000
- Staatsolie Maatschappij Suriname, CRP for communities potentially affected by the refinery expansion, Suriname, 2012, US\$20,000
- SRK Cardiff, Input into review of Economic Impact Assessment, Pakistan, 2010, R50,000
- Courtrai Developments, Social Impact Assessment of proposed new retirement village and resettlement, Paarl, Western Cape, 2009 – 2010, R40,500
- Staatsolie, Social Impact Assessment of proposed oil refinery expansion, Wanica Province, Suriname, South America, 2009, US\$10,000
- BHP Billiton / SRK Consulting, Economic Impact Assessment of proposed dredging operations, Suriname, South America, 2008, US\$10,000
- BHP Billiton / SRK Consulting, Economic Impact Assessment of proposed bauxite transport activities, Suriname, South America, 2006 – 2007, US\$20,000
- BHP Billiton / SRK Consulting, Economic Impact Assessment of proposed bauxite mining activities at Bakhuis, Bakhuis, Apoera district, Suriname, South America, 2005 – 2007, US\$27,000

Visual Assessments

- Tronox Mineral Sands, Visual Impact Assessment (VIA) for proposed In-Pit Residue Storage Facility (RSF) and Sand Tailings Facility (STF) for the Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, South Africa, 2020, R95,000
- Tronox Mineral Sands, Visual Screening for site selection process for the Sand Tailings Facility (STF) and the preferred In-Pit Residue Storage Facility (RSF) for the Namakwa Sands East Mine Orange Feldspathic Sands (East OFS) Project, South Africa, 2019 – 2020, R35,000

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- Department of Agriculture, Forestry and Fisheries, Review of Visual Impact Assessment (VIA) for a proposed Aquaculture Development Zone (ADZ) in Saldanha Bay, South Africa, 2017, R50,000
- Provincial Government Western Cape, Review of Visual Impact Assessment (VIA) for the construction of a bypass in Hermanus, South Africa, 2016, R50,000
- Mineral Sands Resources, Review of Visual Impact Assessment (VIA) for the Tormin mine expansion, South Africa, 2016, R130,000
- Vale, Visual Impact Assessment (VIA) of proposed phosphate mine in Monapo district, Mozambique, 2011 – 2012, US\$15,000
- SRK Canada, Review of Visual Impact Assessment (VIA) of proposed new Sabodala Gold Mine, Senegal, 2010, US\$70,000
- Eden District Municipality, Visual Impact Assessment (VIA) of proposed new Eden regional landfill, South Africa, 2009 – 2011, R80,000
- Transnet, Visual Impact Assessment (VIA) of proposed of dredging operations and new cranes at the Port of Cape Town, South Africa, 2006 – 2007, R30,500

ESIA Reviews, Gap Analyses and ESDD

- Voith Hydro, Environmental and Social Due Diligence (ESDD) of Caculo Cabaca Hydropower Project, Angola, 2019 – 2020, €32,000
- Voith Hydro, High-level Gap Analysis of the ESIA for the Zenzo Hydropower Project, Angola, 2017, €13,000
- Voith Hydro, High-level Gap Analysis of the ESIA for the Koysa Hydroelectric Project, Ethiopia, 2017, €15,000
- Deutsche Bank, Annual reviews of compliance with Environmental and Social Action Plan of Be'er Tuvia Closed Cycle Gas Turbine Power Plant, Israel, 2017 – ongoing, €100,000
- Deutsche Bank, Environmental and Social Due Diligence (ESDD) of Be'er Tuvia Closed Cycle Gas Turbine Power Plant, Israel, 2016, €44,000
- HSBC, Annual reviews of compliance with Environmental and Social Action Plan of the Lauca Hydropower Project, Angola, 2015 – ongoing, €210,000
- HSBC (initially Deutsche Bank), Environmental and Social Due Diligence (ESDD) of the Lauca Hydropower Project, Angola, 2014, €90,000
- ARC / Maersk, Review of an Environmental Impact Study (EIS) for the Chissonga oil field development in offshore Block 16, Angola, 2014, R13,000
- HSBC Bank plc, Review of EIS undertaken for the Cambambe – Catete power transmission line to be constructed as part of the Cambambe hydropower project, Angola, 2014, - value-n/a
- Sable Mining / West Africa Explorations (WAE), Review of ESIA conducted for WAE's Nimba iron ore mine to determine compliance with GIIP and addressing of some of the identified gaps, Guinea, 2013 – 2014, US\$160,000
- Comide SPRL, Gap Analysis of EMP for Comide Copper Mine, including a review of the EMP and general environmental management on site, identification of gaps and recommendations to achieve Good International Industry Practice, Kolwezi, Democratic Republic of Congo, 2012, R450,000

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Other Environmental Projects (EMF, ECO, other)

- Department of Agriculture, Forestry and Fisheries (DAFF), ECO Reviewer for Saldanha Bay Aquaculture Development Zone (ADZ), Western Cape, 2019 – 2020, R200,000
- Eskom, Updating of the Duynefontyn and Thyspunt Site Safety Reports, Cape Town, 2016 – 2019
- Hatch Africa, ECO Reviewer for the upgrade of Slent Road, Klipheuwel, 2016, R55 000
- Lucky Star, Determination of the pollution potential of effluent from Lucky Star's St Helena Bay cannery and fishmeal plant operations, St Helena Bay, South Africa, 2014
- Premier Fishing, Investigation of legal requirements for Premier Fishing's Hout Bay Lobster Facility (particularly with regards to effluent discharge) and management of effluent monitoring programme, Cape Town, South Africa, 2016, R100,000
- Eskom, Investigation of legal requirements for Eskom Oil Regeneration Plant, Cape Town, 2015 – 2016, R50,000
- Lucky Star, Substantive investigation in response to the Notice of Intention to issue a compliance notice in terms of Section 31L of NEMA and/or a directive in terms of Section 28(4) of NEMA, St. Helena Bay, Western Cape, 2014, R85,000
- National Institute for Environment and Development in Suriname (NIMOS), Introductory-level EIA training for consultants in Suriname, Suriname, South America, 2014, US\$30,000
- Provincial Government Western Cape, ECO Reviewer for Phase 1 upgrade of Main Road 168 (R310) through Stellenbosch Wine Route, Stellenbosch, 2013 – 2015
- Provincial Government Western Cape / EFG Engineers, Water Use Authorisation for Phase 1 upgrade of Main Road 168 through Stellenbosch Wine Route, Stellenbosch, South Africa, 2013, R50,000
- SRK US / Barrick, Compilation of Bird, Herpetology, Bat and Aquatic ecology baselines, Dominican Republic, 2012, US\$15,000
- SRK US / Barrick, Compilation of Bird, Herpetology, Bat and Aquatic ecology baselines, Dominican Republic, 2011 – 2012, US\$16,000
- Cape Winelands District Municipality, Environmental Management Frameworks for the District Municipality, Cape Winelands District Municipality, Western Cape, 2010 – 2012, R1,600,000
- Worcester Land Trust, ECO for the widening of an existing and construction of a new road, Worcester, 2010, R40 000
- City of Cape Town, Environmental Management Frameworks for Districts A, D, G and H, Cape Town, Western Cape, 2008 – 2009, R560,000
- City of Cape Town, Environmental Management Frameworks for Districts B, C and E, Cape Town, Western Cape, 2008 – 2009, R400,000
- Provincial Government Western Cape, State of the Environment Report for the Western Cape Province, Western Cape, 2005 – 2006, R1,000,000
- Knysna Municipality, 2005 State of the Environment Report for the Knysna Municipality, Knysna, 2004 – 2006, R200,000
- Communicare, ECO for the construction of a residential development, Aliwal Gardens, 2005 – 2006
- City of Cape Town, ECO for the construction of a warehouse development, Tygerberg Business Park, 2005

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| Profession | Environmental Practitioner |
| Education | MPhil (EnvSci) with Distinction, Cape Town, 1994 BBusSc (Hons), Cape Town, 1985 |
| Registrations/ Affiliations | Registered Environmental Assessment Practitioner (South Africa) Member International Association of Impact Assessment Director SRK South Africa 2018 - Director SRK Australia 2019 - Director SRK Investments 2011 - Director SRK Global 2013 - 2017 SRK Cape Town Managing Partner 2007 – 2015 |

Specialisation Environmental management consulting.

Expertise Chris Dalgliesh has been involved in management and environmental projects for the past 33 years. His expertise includes:

- EIA and ESIA (EMPR);
- environmental and social due diligence;
- socio-economic impact assessments;
- stakeholder engagement;
- strategic environment assessments and management plans;
- state of environment reporting;
- environmental management frameworks;
- site safety reports for the nuclear industry;
- natural resource management;
- waste management.

Employment

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|-----------------------|--|
| 2000 – present | SRK Consulting (Pty) Ltd, Director, Partner and Principal Environmental Consultant |
| 1999 – 2000 | Arcus Gibb (Pty) Ltd, Associate, Cape Town, South Africa |
| 1996 – 1998 | African Environmental Solutions (Pty) Ltd, Senior Environmental Consultant |
| 1994 – 1996 | Environmental Evaluation Unit, Environmental Consultant, UCT |
| 1991 – 1993 | Novello Music Publishers, Marketing Manager, London, UK |
| 1988 – 1990 | JR Phillips, Product Manager, Wokingham, UK |
| 1986 – 1988 | Unilever, Trade and Assistant Brand Manager, Durban, South Africa |

Publications I have been interviewed and quoted in numerous environmental and sustainability articles published in the press and sector specific journals, including *Engineering News*, *Mining News*, *Business Report* and *Cape Times*, and am a frequent guest lecturer.

Languages English – read, write, speak
Afrikaans – read, write, speak
Dutch - read

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Environmental and Social Impact Assessment (ESIA) and Environmental Management Programmes (EMP)

- Tronox Mineral Sands, EIA for East Mine In-Pit Residue Storage Facility, Namakwa Sands Mine, Brand se Baai, South Africa, 2019 – ongoing, R900 000
- N.V. Energiebedrijven Suriname, ESIA for Tout lui Faut Kanaalweg Power Plant, Wanica District, Suriname, 2019, US\$115 000
- Eskom, EIA for Kappa-Sterrekus Powerline, Western Cape Province, South Africa, 2019 - ongoing, R3 000, 000
- Staatsolie Maatschappij Suriname, ESIA for Cyclic Steam Stimulation Enhanced Oil Recovery Project, Saramacca District, Suriname, 2019, US\$50 000
- Staatsolie Maatschappij Suriname, ESIA for Polymer Flood Enhanced Oil Recovery Project, Saramacca District, Suriname, 2019, US\$85 000
- Maritieme Autoriteit Suriname, ESIA for Suriname River Dredging Project, Suriname, 2019, US\$185 000
- Staatsolie Maatschappij Suriname, ESIA for Saramacca Power Plant, Saramacca District, Suriname, 2018 - 2019, US\$125 000
- Tronox Mineral Sands, EIA for coastal setback prospecting, Namakwa Sands Mine, Brand se Baai, South Africa, 2018 – ongoing, R800 000
- Motaengil Africa, IFC compliant EIA for Patriota Hospital, Luanda, Angola, 2018 – ongoing, R640 000
- Ricocure (Pty) Ltd, EIA for Exploration Right application for Offshore Block 3B, West Coast, South Africa, 2018-2019, R150 000
- Sezigyn (Pty) Ltd, EIA for Exploration Right application for Offshore Mid-Orange Basin, West Coast, South Africa, 2018-2019, R150 000
- Rheinmetall Denel, Multi Purpose Nitration Plant EIA, Wellington, Western Cape Province, South Africa, 2018 - ongoing, R650, 000
- Impact Oil and Gas, Orange Deep Basin Seismic Survey EIA, Offshore West Coast, South Africa, 2017, R600,000
- AES, Bengo Landfill EIA, Angola, 2017 - ongoing, US\$80,000
- Sungu Sungu Oil (Pty) Ltd, Pletmos Basin EIA, Offshore Southern Cape, South Africa, 2017, R525,000
- City of Cape Town, Vissershok North Landfill Waste Management Licence, Cape Town, Western Cape Province, 2016 – ongoing, R1 250,000
- Mineral Sand Resources, Tormin Mine EIA, Lutzville, Western Cape Province, 2016 – ongoing R1,250,000
- Department of Agriculture, Forestry and Fisheries, Project Definition and EIA for a proposed Aquaculture Development Zone in Saldanha Bay, Western Cape, 2016 – 2018, R1,000,000
- Easigas, EIA for LNG Plant, Mossel Bay, Western Cape Province, South Africa, 2016 – 2017, R600,000
- Gyproc St Gobain, EMP for gypsum mine, Vanrhynsdorp, Western Cape Province, South Africa, 2016, R125,000
- Tronox Namakwa Sands, EIA for new slimes dam, Brand se Baai, Western Cape Province, South Africa, 2015 – ongoing, R900,000
- The River Club, EIA for redevelopment of the property, Cape Town, Western Cape Province, South Africa, 2015 – ongoing, R1 900,000
- SIMO Petroleum Ltd, ESIA for fuel supply project, Guinea, 2015, US\$200,000

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- SIMO Petroleum Ltd, EIA for fuel supply project, Liberia, 2015, US\$200,000
- Eskom, EIA for Transient Interim Storage Facility, Western Cape, South Africa, 2015 – ongoing, R900,000
- Falcon Oil & Gas, Environment Management Programme Report (EMPr) update and engagement, Western, Northern and Eastern Cape, South Africa, 2014 – 2015, US\$90,000
- Department of Environmental Affairs (DEA), Waste Management Licence applications and Basic Assessment for 20 waste facilities, Western Cape, South Africa, 2014 – 2015, R2,600,000
- Sable Mining / West Africa Explorations (WAE), Cumulative Impact Assessment (CIA) for WAE's Nimba iron ore mine, Guinea, May 2014 – on hold, US\$90,000
- De Beers Buffalo Camp, Basic Assessment and EMPr Amendment, Kimberley, Northern Cape, 2014, R260,000
- EFG Engineers, EIA for Hermanus bypass road, Western Cape Province, South Africa, 2014 – 2017, R1,200,000
- SRK Turkey, CIA of Copley gold mine, Turkey, 2014, US\$30,000
- Sable Mining Africa Ltd, ESIA for railway line and port expansion, Liberia, 2014, US\$480,000
- Tronox Namakwa Sands, EIA for abalone farm, Brand se Baai, Western Cape Province, South Africa, 2014 – ongoing, R1,050,000
- Matzikamma Municipality, EIAs for three abalone farms, Doringbaai, Western Cape Province, South Africa, 2014 – ongoing, R1,100,000
- De Beers, EMPr amendment for fine residue pond, Kimberley, South Africa, 2013, R120,000
- AES, ESIA of landfill, Soyo, Angola, 2013, US\$70,000
- PetroSA, EIA of offshore gasfield, Southern Cape, South Africa, 2013 – ongoing, R500,000
- EnergieBedrijven Suriname, ESIA for new power plant, Suriname, 2013, US\$135,000
- AES, ESIA of Thermal Desorption Unit, Soyo, Angola, 2013, US\$65,000
- Staatsolie Maatschappij Suriname, Rapid EIA of power plant expansion, Suriname, September 2012 – 2014, US\$100,000
- BP, ESIA of Blocks 18 & 31 Drilling and Seismic Survey, Angola, 2012, US\$40,000
- Frontier, EIA for desalination plant and water pipeline, Abraham Villiers Bay, Northern Cape, South Africa, August 2012 – ongoing, R1,250,000
- Tronox Namakwa Sands, EIA /EMPr for two mining application areas, Namakwaland, Western Cape Province, South Africa, 2012 – ongoing, R1,250,000
- Airports Company South Africa, EIA of realignment of runway, Cape Town International Airport, Western Cape, South Africa, R3,175,000
- Grindrod Mauritius, EIA of Matola Coal Terminal Phase 4 Expansion, Maputo, Mozambique, 2012 - 2013, US\$425,000
- Maersk, ESIA of Block 16 Seismic Survey, Angola, 2010 – 2011, US\$25,000
- Staatsolie Maatschappij Suriname, EIA for diesel, gasoline and LGP pipelines, Suriname, October 2011 – 2013, US\$120,000
- Premier Fishing, EIA for re-establishment of fishmeal plant, Saldanha Bay, South Africa, May 2011 – 2015, R1,200,000
- Eni Angola BV, ESIA of development of Block 15/06 West Hub oil fields, Angola, 2011 - 2013, US\$110,000

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- Falcon Oil & Gas, EMPr, Western, Northern and Eastern Cape, South Africa, 2010 – 2011, US\$100,000
- Great Western Minerals Group, EIA and EMPr of rare earth mine, Vanrhynsdorp, Western Cape, South Africa, 2010 – 2012, R1,760,000
- Vale, ESIA of phosphate mine, Nampula Province, Mozambique, 2010 – 2013, US\$630,000
- Sonangol Lda, EIA (x6) of onshore hydrocarbon facilities, Luanda, Malange and Lubango, Angola, March – November 2010, US\$280,000
- Empresa Moçambicana de hidrocarbonetos and Buzi Hydrocarbons Pty Ltd, ESIA for seismic surveys and exploration drilling in Buzi Block, Sofala Province, Mozambique, 2009 – 2010, US\$200,000
- Staatsolie, ESIA of refinery expansion, Paramaribo, South America, 2009 – 2010, US\$400,000
- Sasol Technology, EIA for proposed new gas pipeline from Ressano Garcia to Moamba, Mozambique, Moamba, Mozambique, 2009 – 2010, R1,000,000
- Anglo American, State of Environment Report, Strategic Environment Assessment, and ESIA of Gamsberg zinc mine, Aggeneys, South Africa, 2008 – 2010, R13,000,000
- CIC Energy, Environmental screening and fatal flaw assessment of Trans Kalahari Railroad and port, Botswana and Namibia, 2008 – present, R1,300,000
- BHP Billiton, ESIA of Corantijn River dredging, Suriname, 2007 – 2008, US\$750,000
- BHP Billiton, ESIA of Bakhuis transport project, Suriname, 2006 – 2008, US\$1,600,000
- Altona Developments, EIA of mixed development, Worcester, Western Cape Province, South Africa, 2006 – 2010, R750,000
- BHP Billiton, ESIA of Bakhuis bauxite mine, Suriname, 2005 – 2008, US\$3,200,000
- Levendal Developments (Pty) Ltd, EIA of mixed development, Suider-Paarl, Western Cape Province, South Africa, 2005 – 2008, R450,000
- Bevcam, Angola, EIA of canning facility, Viana, Angola, 2005 -2010, US\$75,000
- Chevron Texaco, EIA of landfill, Cabinda, Angola, 2004 – 2005, US\$90,000
- Attpower Developments (Pty) Ltd, EIA of mixed coastal development, Mossel Bay, Western Cape Province, South Africa, 2004, R600,000
- Intels Services Luanda, EIA of landfill, Cacuaco, Angola, 2004, US\$65,000
- Kwezi V3, EIA of waste water treatment works, Gansbaai, Western Cape Province, South Africa, 2003 – 2005, R350,000
- City of Cape Town, EIA of Fisantekraal waste water treatment works, Cape Town, Western Cape Province, South Africa, 2003 – 2004, R450,000
- St Francis Bay Municipality, EIA of beach remediation, St. Francis Bay, Eastern Cape Province, South Africa, 2002 – 2003, R300,000
- City of Cape Town, Environmental Impact Control Report of Vissershok North landfill, Western Cape Province, South Africa, 2001 – 2004, R175,000
- NDC, EMPr for NDC diamond mine, Vredendal district, Western Cape Province, South Africa, 2001 – 2003, R800,000
- Coega Development Corporation, EIA for rezoning, Eastern Cape Province, South Africa, 1999, R85,000
- BHP Billiton, EIA (Scoping) of Alusaf Hillside smelter, Richards Bay, KwaZulu-Natal Province, South Africa, 1999, R150,000

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- Gencor, EIA of zinc refinery and phosphoric acid plant, Port Elizabeth, Eastern Cape Province, South Africa, 1995 – 1998, R800,000
- Duferco, EIA of steel rolling mini-mill, Saldanha, Western Cape Province, South Africa, 1997, R90,000
- Hoechst, EIA of polymer extension, Durban, KwaZulu-Natal Province, South Africa, 1993 – 1994, R280,000

Environmental Planning and Natural Resource Management

- Tronox Mineral Sands (Pty) Ltd, renewal of the Atmospheric Emission Licence for the Namakwa Sands UMM Plant, Brand-se-Baai, Western Cape, 2018-ongoing, R320 000
- Tronox Mineral Sands (Pty) Ltd, renewal of the Atmospheric Emission Licence for the Namakwa Sands Mineral Separation Plant, Koekenaap, Western Cape, 2018-ongoing, R290 000
- Tronox Mineral Sands (Pty) Ltd, renewal and variation of the Atmospheric Emission Licence for the Namakwa Sands Smelter Plant, Saldanha, Western Cape, 2018-ongoing, R300 000
- Kudumane Manganese Resources, EMP Amendment for KMR Manganese Mine, Hotazel, Northern Cape, 2017 – ongoing, R170 000
- Eskom, Ecological Reports, Duynefontyn and Thyspunt, Nuclear Site Safety Reports Update, South Africa, 2017 – present, R800,000
- DEA&DP, Western Cape State of Environmental Report, 2017, R1,700,000
- Tronox Namakwa Sands, Development of Closure Commitments and Rehabilitation Monitoring Plan Namakwaland, Western Cape Province, South Africa, 2015 – ongoing, R600,000
- West Coast District Municipality, Integrated Coastal Management Plan, West Coast, South Africa, 2012 – 2013, R700,000
- City of Cape Town, Environmental Management Framework and control zones, Cape Town, Western Cape Province, South Africa, 2008 – 2009, R600,000
- Eskom, Ecological Reports, Koeberg, Bantamsklip and Thyspunt, South Africa, 2008 – 2013, R900,000
- City of Cape Town, Environmental Management Framework and control zones, Cape Town, Western Cape Province, South Africa, 2008, R500,000
- Knysna Municipality, State of Environmental Report, Western Cape Province, South Africa, 2004 – 2005, R130,000
- DEA&DP, Western Cape State of Environmental Report, 2004 – 2005, R1,400,000

Environmental and Social Review and Due Diligence

- Eramet Comilog Manganese, Environmental Regulatory Due Diligence of Heavy Minerals Mine, Alexander Bay, South Africa, 2020, €11 000
- HSBC, Environmental and Social Compliance Monitoring of Fertilizer Plant and Railway Line, Ghorashal, Bangladesh, 2020 – 2032, \$670 000
- BNP Paribas, Environmental and Social Due Diligence of Elandsfontein mine Expansion, Langebaan, South Africa, 2020, R115 000
- Euler Hermes/ UniCredit / Voith, Environmental and Social Due Diligence and Action Plan of Caculo Cabaca Hydropower Dam, Angola, 2020, €30 000
- Vedanta - Black Mountain Mining (Pty) Ltd, BMM and Gamsberg EMPr Performance Assessment, Northern Cape Province, South Africa, 2019, R125,000
- Easigas, ESDD of Avedia LPG terminal, Saldanha Bay, South Africa, 2018, R90 000

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- Kropz, Environmental and Social Due Diligence for Competent Persons' Report, Elandsfontein mine, Langebaan, South Africa, 2018, R130 000
- Standard Bank South Africa Limited, Environmental and Social Due Diligence and Environmental and Social Action Plan (ESAP) for Caculo Cabaca Hydropower Dam, Angola, 2017, \$23 000
- Voith Hydro, Zenzo Hydroelectric Project Gap Analysis and Environmental and Social Action Plan, Angola, 2017, €30 000
- Voith Hydro, Koysa Hydroelectric Project Gap Analysis, Ethiopia, 2017, €15 000
- AES, Cacuaco Landfill Environmental Compliance Audit, Luanda, Angola, 2017, US\$17,500
- Industrial and Commercial Bank of China, Environmental and Social Due Diligence and Environmental and Social Action Plan (ESAP), and Annual Compliance Audits for Caculo Cabaca Hydropower Dam, Angola, 2016-2017, \$31 000
- Deutsche Bank, Environmental and Social Due Diligence and Annual Review of Be'er Tuvia Combined Cycle Gas Turbine Power Plant, Israel, 2016 – 2022, €150 000
- Confidential, Environmental and Social Gap Analysis of Caculo Cabaca Hydropower Dam, Angola, 2016, €20 000
- BNP Paribas, Environmental and Social Due Diligence of Elandsfontein mine, Langebaan, South Africa, 2015, R60,000
- Tronox Namakwa Sands, Water Use Licence Audit(s), Namakwaland, Western Cape Province, South Africa, 2015 and 2014, R175,000 (x2)
- Tronox Namakwa Sands, EMPr Performance Assessment, Namakwaland, Western Cape Province, South Africa, 2014, R175,000
- Deutsche Bank, Environmental and Social Due Diligence and Annual Review of Lauca Hydropower Dam, Angola, 2014 – 2018, €300 000
- West Africa Exploration Ltd, Environment and social gap analysis of Nimba iron ore mine, Guinea, 2014, US\$80,000
- HSBC, Environmental and Social Due Diligence and Annual Review, Cambambe Hydropower Dam, Angola, 2013 – 2017, €255,000
- Tronox Namakwa Sands, EMPr Performance Assessment, Namakwaland, Western Cape Province, South Africa, 2012 – 2013, R150,000
- Biovac, Environmental due diligence audit of pharmaceutical plant, Cape Town, Western Cape Province, South Africa, 2012, R100,000
- SRK UK, Environmental Due Diligence of phosphate mine, Brazil, 2010, US\$15,000
- SRK Russia, Environmental Due Diligence of Rossing South uranium mine, Namibia, 2009, US\$12,000
- SonaGas, EIA external review of LNG plant EIA, Soyo, Angola, 2006, US\$50,000
- Confidential, Environmental Due Diligence, Cape Town, Western Cape Province, South Africa, 2004, R80,000
- Netherlands Commission for EIA, External EIA review of Mavoco hazardous landfill EIA, Maputo, Mozambique, 2002, R30,000

Management Plans

- Black Mountain Mining (Pty) Ltd, Gamsberg Mine IWWMP Update, Aggenys, Northern Cape Province, South Africa, 2018 – ongoing, R185 000

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- West Africa Exploration Ltd, Stakeholder Engagement Plan, Guinea, 2014, US\$15,000
- West Africa Exploration Ltd, Biodiversity Action Plan, Guinea, 2014, US\$20,000
- Tronox Namakwa Sands, Integrated Water and Waste Management Plan for Namakwa Sands mine, Namakwaland, Western Cape Province, South Africa, 2013 – 2014, R125,000
- Tronox Namakwa Sands, Integrated Water and Waste Management Plan for Namakwa Sands Smelter, Saldanha Bay, Western Cape Province, South Africa, 2013, R110,000
- BHP Billiton, Conceptual Closure and Rehabilitation Plan, Suriname, 2007 – 2013, US\$210,000
- Namakwa Sands, Closure Plan, Namakwaland, Northern Cape Province, South Africa, 2003, R170,000

Socio Economic Impact Assessments

- Allied Gold Corp, Economic specialist study for the Dish Mountain Gold Project, Ethiopia, 2018 – ongoing, \$11 000
- Joule Africa, Initial Environmental and Social Assessment of the KPEP Hydropower Project, Cameroon, 2018 – ongoing, \$10,800
- Anglo Gold Ashanti, Economic Baseline Report for Siguiri Gold Mine, Guinea, 2018, R130 000
- Pam Golding / Pennyroyal (Gibraltar) Ltd., Economics benefits analysis of Amber Resort Development, Zanzibar, Tanzania, 2017, R300 000
- RSK, EACOP Pipeline Economic Study, Uganda and Tanzania, 2017, \$ 40,000
- SRK UK, Sintoukola Potash Mine Economic Impact Assessment, Republic of Congo, 2012, \$30,000
- Staatsolie Maatschappij Suriname, Refinery Expansion Community Relations Plan, Suriname, 2011, \$120,000
- SRK UK, Reko Diq Phosphate Mine Review of Economic Impact Assessment, Pakistan, 2010, \$7,500
- DEADP, Western Cape State of the Environment Report Economic Study, 2004, R40,000