Company Profile

2014
Overview

We face a future world where natural capital will be the major limiting factor for human well-being and economic productivity. Achieving greater efficiencies and resilience in businesses, the economy and society will be fundamental in unlocking future economic growth and social equity.

At FutureWorks we believe that better decisions today will result in a better tomorrow.

FutureWorks is a Sustainability Consultancy. We support both public and private sector decision-makers in undertaking operational and development planning which is cognisant of natural capital as the supplier of services on which society and the worlds’ economies have come to depend. We also develop and implement green economy projects that build the capacity of people and supports the role of the natural environment in sustaining vibrant economies and human well-being. Building resilience to change – both known and unknown - and supporting greater efficiencies in resource use are a major part of what we do.

Our team shares a unique interest in helping our clients to build their understanding of the sustainability challenges they face, and of the solutions that exist. Our consulting services offer clients a process to engage in problem solving – and not just a solution or a report as an end-product. We also share a specific interest and ability to develop out-of-the-box solutions to complex problems.

FutureWorks has been in business for 10 years and has built a formidable track record, having provided services to and partnered with the majority of large institutions working on various sustainability issues in South Africa. We are geared for any size project, and any size client (“big“ and “small”), for complex challenges and simple ones. We have a diverse and highly experienced team, and call on our wide network of associates and collaborators as needed for specialist inputs.

FutureWorks is 90% women-owned, and 50% black-women owned. There are 4 Directors, each of whom leads a practice area within the business. We have offices in KZN (Durban), the Cape region (Knysna) and Gauteng (Pretoria).

Our Vision and Values

We have a vision of a Future that Works – for people, for businesses, for the economy, and for ecological systems. We acknowledge the difficulty of achieving a “perfect balance”, where all priorities are met, and where everyone benefits. So, we strive to bring a combination of innovation, science and collective wisdom into the process of supporting decision-making, developing plans and strategies, or writing policy. Our aim is to build consensus and a common understanding of the risks and the chosen solutions through our consulting processes.
Our Products and Services

FutureWorks provides professional sustainability consulting services in a range of practice areas: environmental planning and management, resource economics, climate change, energy, water, organizational sustainability, project implementation and capacity building.

FutureWorks has also developed a range of products that we offer as part of our consulting packages. We use these tools to complement our consulting services, mainly in providing a structured platform from which to work in supporting decision-making processes, and in providing information to decision makers will assist them in the long term. These products include decision-support models, footprinting tools, a spatial information package for decision-makers, and a sustainability media portal and web-based platform that already has a significant following in South Africa. These products and services are summarised below. Detailed brochures on each of the consulting products can be downloaded from www.futureworks.co.za

Professional Sustainability Consulting Services

[Diagram showing environmental, resource economics, climate change, sustainability, project implementation & capacity building services with detailed brochures and descriptions]
Eco-futures is an interactive systems modeling process that identifies and maps the services supplied by natural and built environments in a specified area or landscape and quantifies how these services may change for specific user groups under different land use or management scenarios. The process is highly integrating, using expert knowledge and wisdom, as well as stakeholder perceptions where relevant, to develop consensus around the supply, demand and levels of dependence on natural and built environment services.

FutureWorks has developed one of the world’s first open-box ecological footprinting tools: Eco-footprint, which was used to calculate the ecological footprint of the COP17/CMP7 global climate summit in 2011. The tool can be used to calculate water footprints, energy footprints, waste footprints, carbon footprints and ecological footprints.

FutureWorks has developed a low-cost spatial information package for small businesses and local government: MuniMap. We offer this package to those that need to access spatial information to make decisions, but are not trained in AutoCAD, ArcView or ArcInfo. We use a freeware map reader to display the spatial information – so as many users as necessary can access the spatial information at no extra cost.

FutureWorks has been in business for 10 years and offers professional consulting services throughout southern Africa. We service and work with:

- **International Agencies** such as the World Bank and UNIDO
- **National, provincial and local governments** throughout South Africa
- **Agencies** such as SALGA and SEDA
- **Parastatals** such as the CSIR, SANParks and Ezemvelo KZN Wildlife
- **NGO’s** such as WWF and Wildlands Conservation Trust
- **Research institutions** such as the Water Research Commission, Universities of Pretoria, Stellenbosch, KwaZulu-Natal, Cape Town and Nelson Mandela Metropolitan University
★ **Corporates** such as Exxaro, Coal of Africa, Anglo Coal, Anglo Gold Ashanti, Rio Tinto, BHP Billiton, Uranium 1, SAPPi, Mondi, Gem Diamonds, Xstrata, Ivanhoe Mines, Tongaat Hulett and Base Titanium
★ **Consulting companies** such as Golder Associates, Imani Development Consulting, SRK Consulting, Groundtruth, Transboundary Africa, Mott Macdonald, EPOCH, Verde Azul, Royal Haskoning DHV, CAMCO and Hyder Consulting
★ **Private companies** such as Inframax Holdings, GRID, Stedone Construction, Global Property Investments, Oakhill School, Cotswold Downs Development Company and Fischer Road Water Services Provider Company

**Our Team**

FutureWorks is a 90% women-owned, 50% black-owned closed corporation. There are four Directors, each of whom directs a practice area within the business. We have offices in KwaZulu-Natal, the Southern Cape and Gauteng. Our whole team works nationally.

- **Nicci Diederichs Mander**  
  Managing Director & Director: Environmental Services
- **Khulile Mavundla**  
  Director: Project Implementation & Capacity Building
- **Myles Mander**  
  Director: Resource Economics
- **Margaret McKenzie**  
  Director: Climate Change & Sustainability
- **Michael Van Niekerk**  
  Senior Environmental Consultant
- **Trevor Wolf**  
  Associate: Environmental & GIS Specialist
- **James Blignaut**  
  Associate: Environment & Restoration Economist
- **Amanda Botes**  
  Associate Sustainability Consultant
- **Jonathan Ramayia**  
  Associate Sustainability Consultant
- **Jenna Hart**  
  National Business & Project Administrator
- **Nadia Shah**  
  Intern
Team Member Profiles

Ms NICCI DIEDERICHS  MANAGING DIRECTOR
DIRECTOR: ENVIRONMENTAL SERVICES
Nicci works throughout southern Africa specialising in green economy projects, urban environmental management, environmental design, rehabilitation and natural resource commercialisation for rural SMME development. Having started off working for the eThekwini Municipality as an Environmental Officer, Nicci has now been consulting successfully for 14 years and has established a wide network of collaborators and partners. Key services offered in:

- Environmental Sustainability Practitioner
- Environmental & Green Economy Project & Programme Conceptualisation and Management
- Strategic Environmental Assessment & Management
- Environmental Design, Management & Rehabilitation
- Watershed Management
- Natural Products Commercialisation for SMME development

Ms KHULILE MAVUNDLA  DIRECTOR
DIRECTOR: PROJECT IMPLEMENTATION & CAPACITY BUILDING
Khulile specialises in project implementation, enterprise development skills training, community participation facilitation for Local Economic Development and Integrated Development Planning as well as Social Research. Having started off working as a teacher, she is a dynamic and talented trainer and facilitator who has worked in a wide range of development and natural resource management contexts. Khulile has been instrumental in supporting the establishment of a number of successful natural products SMME’s in rural KwaZulu-Natal. She manages large “green job creation” projects in South Africa as part of national government’s drive to create employment and restore natural environments. Fields of expertise offered:

- Project Management
- Social and Community Participation Facilitation
- Social Research
- Enterprise Development Skills Training
- Craft Development Services and Training
- Natural products / rural SMME development

Mr MYLES MANDER  DIRECTOR
DIRECTOR: RESOURCE ECONOMICS
Myles supports the private and public sector in achieving triple bottom line outcomes in the use of natural assets and the associated ecosystem services. He is best known for solving strategic environmental management problems. His area of focus includes developing new approaches to management of natural resources through creating an understanding of the value of the goods and services provided to people by the natural environment. He provides key services in:

- Ecosystem Services Analysis
- Economic Analysis
- Social-ecological Systems Analysis
- Scenarios Analysis
- Developing Economic Incentives for Environment Management
- Living Environment Design & Management
- Natural Product use, Management & Commercialisation
- Managing Projects Teams for integrated outputs
Ms MARGARET MCKENZIE - DIRECTOR
DIRECTOR: CLIMATE CHANGE & SUSTAINABILITY
Margaret is an experienced project manager and facilitator and has been working in the environmental and sustainability sector since 1997. She has an MSc in Environment and Development from the University of Natal. She specialises in policy and strategic development with a particular focus on climate change and energy management. Fields of expertise offered:
- Policy and Strategy Development
- Facilitation and Consultation
- Climate Change Consulting
- Energy Management Consulting
- Greenhouse Gas Reporting and Management
- Organisational Sustainability
- Packaging and Communicating information on Sustainability
- Project Management
- Sustainability Research and Reporting

Prof JAMES BLIGNAUT - ASSOCIATE
ENVIRONMENTAL & RESTORATION ECONOMIST
James is an Associate Consultant. He specialises in environmental and natural resource economics, focusing on food, water, energy and the restoration of natural capital. Over the past 25 years he has played an integral part in a number of projects/initiatives across Africa with respect to restoration economics for governments, the private sector and NGO's. Key services include:
- Economic valuation of ecosystem goods and services
- Cost-benefit analysis of restoration and the management of ecosystem goods and services
- Energy economics
- Water economics
- Food systems, including the combatting of malnutrition through integrative planning

Mr MICHAEL VAN NIEKERK
SENIOR ENVIRONMENTAL CONSULTANT
Michael holds a Masters degree in Environmental Management. He has 5 years consulting experience in environmental management, impact assessment and environmental planning. He provides key services in:
- Environmental Impact Assessments & Basic Assessments
- Environmental Management Plans
- Environmental Planning
- Environmental Compliance Auditing
- Ecosystem Services Assessment
- Consultative Processes & Research

Ms AMANDA BOTES - ASSOCIATE
SUSTAINABILITY CONSULTANT
Amanda specialises in sustainability research, sustainability communication, climate change consulting and project management and has been working in the sustainability field since 2010. She has a MSc in Geography from the University of KwaZulu-Natal. Fields of expertise offered:
- Sustainability Research and Reporting
- Greenhouse Gas Reporting and Management
- Climate Change Consulting
- Policy and Strategy Development
- Packaging and Communicating information on Sustainability
- Organisational Sustainability
- Project Management
- Stakeholder Liaison and Event Coordination
Mr JONATHAN RAMAYIA - ASSOCIATE
SUSTAINABILITY CONSULTANT
Jonathan specialises in institutional energy management, sustainable energy policy, sustainable energy research and project management, and sustainability writing and communication and has been working in the sustainability field since 2009. He has an MSc in Environmental Planning from the University of KwaZulu-Natal. Fields of expertise offered:
- Sustainable Energy Research
- Institutional Energy Management and Monitoring
- Policy and Strategy Development
- Packaging and Communicating information on Sustainability
- Organisational Sustainability
- Project Management
- Stakeholder Liaison and Event Coordination

Mr TREVOR WOLF - ASSOCIATE
ENVIRONMENTAL MANAGEMENT CONSULTANT & GIS SPECIALIST
Trevor is an Associate Consultant. He specialises in using Geographic Information Systems (GIS) to support environmental management decision making. Over the past 12 years he has played an integral part in a number of Regional, National, Provincial and local conservation GIS projects. Prior to this, he worked for the KwaZulu-Natal Nature Conservation Services for 11 years as a Research Technician, during which time he gained extensive experience in protected area and conservation management. Key services include:
- GIS implementation, planning, data collation & compilation, data capture, spatial analysis, technical support and training
- Environmental / spatial database design and development
- Conservation Planning
- Environmental and Protected Area Management Plans and advisory services
- Environmental Project Management

Ms JENNA HART
NATIONAL BUSINESS & PROJECT ADMINISTRATOR
Jenna is the Business Administrator for FutureWorks and provides key support services to all FutureWorks projects, from ensuring that project budgets are run correctly, to quality control and packaging of reports, and providing minuting and other services for project meetings. Jenna is a highly efficient organiser of events run through FutureWorks projects, including training, waste clean-ups, launches and workshops.

Ms NADIA SHAH
INTERN
Nadia has an Honours degree in Environmental Management and is currently gaining professional work experience as an Intern.