

## COMPANY PROFILE



### ECA Consulting

*Environmental & Carbon Assessments*

**Leena Ackbar BSc (Hons) MSc  
Director**

GCX Certified Carbon Footprint Analyst

Cell: 079 4945 412 Fax: 0866 199 945

Email: [leena@ecaconsulting.co.za](mailto:leena@ecaconsulting.co.za)

[www.ecaconsulting.co.za](http://www.ecaconsulting.co.za)

PO BOX 56382, Chatsworth, Durban, 4030



Green Star SA Accredited Professional

# ABOUT ECA CONSULTING

## ENVIRONMENTAL ASSESSMENTS

ECA Consulting is an independent environmental consultancy that provides professional consulting expertise in accordance with legislative requirements and global environmental trends. ECA Consulting provides experienced handling and management of all aspects of Environmental Impact Assessments (EIAs), Basic Assessments (BAR), and Environmental Management Programmes (EMPr) in accordance with the National Environmental Management Act (107 of 1998). ECA Consulting also manages waste license applications as per the requirements of the National Environmental Management Waste Act (59 of 2008). With experience in over 50 to 80 EIAs and other environmental management areas, ECA Consulting offers a professional and timeous service in achieving environmental compliance and moving towards sustainable development.

## CARBON ASSESSMENTS

One of the most urgent environmental issues facing the 21<sup>st</sup> century is the uncontrolled, continual rise of Greenhouse Gas (GHG) emissions and its impact on climate change. There is a vast body of evidence that climate change is a result of increasing GHG emissions which in turn is a result of human / human-related activities. Carbon dioxide is the principle GHG and all other GHG (30, however only six are recognized by the Kyoto Protocol) are measured in a Carbon dioxide equivalent. In a water scarce and already poverty stricken country like South Africa, the issue of climate change is not just a global threat but is a key threat to sustainable development. As South Africans, as well as members of the global community, urgent action is required to abate and mitigate our impact on rising GHG emissions. It is no longer a choice to move to a low-carbon economy or lifestyle, but rather a necessity. To manage this impact, ECA Consulting can measure and analyse your Carbon Footprint and offer advice on carbon reduction actions. This can be made into a workable Carbon Reduction Programme that is best suited to the operations of your company, office or home. ECA Consulting acts in accordance with the Greenhouse Gas Protocol and the principles of the Carbon Protocol of South Africa.

## GREEN STAR SA ACCREDITATION ASSESSMENTS (GBCSA)

ECA Consulting understands the importance of sustainable development and applies this paradigm to assist developers and industry in environmentally responsible development. Leena Ackbar of ECA Consulting is a Green Star SA Accredited Professional accredited by the Green Building Council of South Africa. In combination with holistic thinking and sustainable management experience, ECA Consulting's GSAP's accreditation can assist developers in managing the environmental risks of their developments, from design to construction.



## MISSION

ECA Consulting is committed to a professional, accurate and independent environmental consulting service that aims to achieve or go beyond environmental compliance. ECA Consulting subscribes to the professional code of conduct as outlined by the South African Council for Natural Scientific Professions (as per Act 27 of 2003). We aim to provide advice in keeping with best environmental options that are recognized by the National environmental legislative framework and global practice.



## VISION

ECA Consulting seeks to harmonise the relationship between development, social justice and environmental protection. It is the vision of ECA Consulting to educate corporates, industries as well as homeowners on the environmental implications of their daily operations and to empower them with the necessary tools to reduce their environmental footprints. ECA Consulting aims for a paradigm shift in the social and economic responsibility of negative environmental impact, such that environmental responsibility is voluntarily viewed as a benefit and not a burden. ECA Consulting aims to be recognized as adding value to projects and it is our vision to be recognized as a consultancy of integrity and independence.

## SERVICES OFFERED

- Scoping & EIAs
- Basic Assessments
- Environmental Management Programmes
- Environmental Control Officer (ECO)
- Environmental Feasibility Assessments
- Environmental Subcontracting services
- Waste License Applications
- Permit Assistance
- Amendment Applications
- Due Diligence Audits
- Green Star SA Accreditation Assessments (Office Design & As Built)
- Carbon Footprint Analysis
- Carbon Reduction Programmes
- Green Office Action Plans & Training
- Project management
- Management of Specialists
- Environmental Research
- Environmental Advice



## EXPERTISE

ECA Consulting is headed by Leena Ackbar (Director) who holds a Master of Science degree in Environmental Sciences with a focus on sustainable bioenergy crop cultivation in Angola. The study was further extended throughout sub-Saharan Africa by the Competence Platform on Energy Crop and Agroforestry Systems for Arid and Semi-arid Ecosystems-Africa (COMPETE), which is an international research organisation funded by the European Union. COMPETE focuses on sustainable bioenergy crop expansion in sub-Saharan Africa. Leena is not only a qualified environmental scientist but is also suitably qualified environmental assessment practitioner. To date Leena has handled and project managed between 50 to 80 EIAs, BARs, EMPs, EMF/SEA, ECO sites and other environmental management related areas. Leena has been the technical advisor and lead consultant on several complex projects including, strategic environmental work for the northern KZN region, mining EIAs, and management of ECOs on large construction sites. She has extensive environmental legal knowledge regarding not only the EIA process and requirements but also with regard to all other relevant environmental legislation at a national, provincial and local level and how these affect environmental management issues. Leena Ackbar has been trained by the Global Carbon Exchange on the Greenhouse Gas Protocol and has duly completed a number of carbon footprint assessments during her training. She has also set up the GHGEI collection for the King Shaka International Airport, Cargo Terminal for Dube Tradeport. ECA Consulting is an active member on the Durban Chamber of Commerce and Industry and has recently assisted the chamber in analysing and submitting comment on the National Treasury Discussion Paper on Carbon Taxation.

## WHY CHOOSE ECA CONSULTING?

- Professional, accurate, timeous and quality service.
- Independent, environmental scientific and consulting expertise.
- Extensive experience in undertaking and management of environmental assessments.
- ECA Consulting provides a service that aims to synergise the needs of the client to that of the environment.
- Active participation in forums, workshops and research that provides insight into Global Best Environmental Practice.
- Level 3 BBBEE status – 110% Procurement Recognition

**How can ECA Consulting assist you? Contact us now to see how you can become a leader in best environmental practice.**

**Leena Ackbar BSc (Hons) MSc  
Director**

GCX Certified Carbon Footprint Analyst

Cell: 079 4945 412 Email: [leena@ecaconsulting.co.za](mailto:leena@ecaconsulting.co.za) Fax: 0866 199 945

[www.ecaconsulting.co.za](http://www.ecaconsulting.co.za)

PO BOX 56382, Chatsworth, Durban, 4030  
Envirocarb Consulting cc T/A ECA Consulting  
Company Reg No. 2011/012141/23



## SELECTED PROJECT EXPERIENCE

- Representative member on the Aerotropolis Project steering Committee for Dube Tradeport.
- Representative member on the environmental affairs committee for the Durban Chamber of Commerce.
- Management of various environmental projects for the old Durban International Airport and the new King Shaka International Airport.
- Management of strategic environmental work for a key South African parastatal.
- Preliminary setup of carbon footprint for the KSIA Cargo Terminal, Dube Tradeport.
- Guest speaker at the Mining Law Conference 2011 on NEMA Section 28 (Duty of Care).
- Green Office training at the Durban Chamber of Commerce and Industry.
- Preparation of comments on behalf of DCCI to National Treasury on the Carbon Tax Paper.
- Somerset Park conversion of Private Open Space to commercial/Business Park, Umhlanga (Basic Assessment)
- Development of a business Park in Cliffdale ( Basic Assessment)
- Installation of two Wiped Film Evaporators, Pietermaritzburg (Basic Assessment)
- Hydrogenation of PCB-contaminated transformer oils, Pietermaritzburg (Basic Assessment)
- Construction of a 19 250m<sup>3</sup> petroleum product tank storage facility, Evander (Scoping & EIA)
- Installation of a 1200m<sup>3</sup> tank for the storage of Heavy Fuel Oils or Marine Grade Diesel Oils, Cape Town Harbour (Scoping & EIA)
- Installation of a 2500m<sup>3</sup> waxy oil processing facility, Evander (Scoping & EIA)
- Upgrade of the existing 33/11kV Jameson Park Substation, Durban (Scoping & EIA)
- 692 units of Low Cost Housing, Rietvallei (Scoping & EIA)
- Construction of a petrol filling station, Waterfall (Scoping & EIA)
- Extension (77m) of an existing MRG pipeline to supply Toyota Motors, Prospecton (Scoping & EIA)
- Installation of a 800m high pressure gas pipeline to supply Pulp United, Richards Bay (Scoping & EIA)
- Installation of a 1.4km low pressure pipeline to Ilaam Heat Treatment, Germiston (Scoping & EIA)
- Construction of an external 2.4km low pressure pipeline to lead into a 12m service pipeline and a CMS at Mulch Asphalt, Benoni (Scoping & EIA)
- Installation of a 61.8m Sasol Gas service pipeline to supply Associated Additives with Methane Rich Gas, Jacobs (Scoping & EIA)
- Compliance Audit, to analyse compliance with the environmental authorisation, conditions of ROD, Scoping & EIR, EMPs and/or exemption applications (~25 authorisations in the KZN region).
- Upgrade of APPA permit to AQA
- Construction of a basement level for the Uvongo Office Park & handling of amendment application.
- Management of Ushukela Highway Development, Tongaat.
- Operational and technical guidance on over 50 other EIAs / environmental projects.