

2015 GCIP-SA Awards Gala Dinner

Our Environmental Commitment

We are committed to hosting a sustainable and environmentally responsible event. We understand the impact events and conferences have on our environment and communities and we accept our responsibility to work together in protecting what is left of our natural resources and heritage for the benefit of future generations.

We undertake to manage this event in the most responsible manner possible and to minimise our environmental, social and cultural impacts by:

- Selecting products and services that meet our environmental vision;
- Raising awareness of the impacts of this event and of our efforts to address these responsibly;
- Encouraging our suppliers, service providers and guests to support our efforts to ensure minimal environmental impacts;
- Managing our event waste in a responsible and sustainable manner;
- Reducing energy and water consumption during the event;
- Measuring all harmful emissions associated with transport for the event;
- Minimising the use of harmful chemicals and cleaning products used at the event; and
- Reporting on our performance in a transparent and responsible manner.



The Global Cleantech Innovation Programme
for SMEs in South Africa (GCIP-SA)

2015 AWARDS AND GALA DINNER

GLOBAL CLEANTECH PROGRAMME

Switchboard: +27 (0)12 472 2700

Postal address: PO Box 172 Menlyn, Pretoria 0063

Physical address: TIA House, 83 Lois Avenue, Menlyn 0181

Email: cleantech@tia.org.za

<http://southafrica.cleantechopen.org>



About the Programme

The Global Cleantech Innovation Programme for SMEs in South Africa (GCIP-SA) is a national programme that aims to find and foster small and medium-size enterprises that can address the urgent energy, environmental and economic challenges facing the country.

The programme is jointly implemented by the Technology Innovation Agency (TIA) and the United Nations Industrial Development Organization (UNIDO), and is funded by the Global Environment Facility (GEF). The purpose is to trigger innovation in energy efficiency, renewable energy, waste beneficiation, and water efficiency.

2015 GCIP-SA Programme Finalists



Carbotect

Entry: Cleaning Validation and Optimisation of Water Usage

Carbotect is a colour-based diagnostic aid; a reliable and cost effective tool to monitor and verify the quality and safety of consumer products whilst complimenting strategies to conserve water and energy. The diagnostic tool detects ultra-low levels of organic soils in water samples in processing equipment. It is ideally suitable for both large and small scale production and processing facilities in the full spectrum of food and beverage opportunities.



Cob.Trade

Entry: On-Line Market to Connect Biomass Vendors and Buyers

BIOMASS MARKET™ is an interactive application that assists farmers with the planning of their biomass harvesting, and connects them with fixed and/or mobile point-of-sale kiosks where the purchase of the biomass is conducted on the spot. The application also helps the bio-refinery with the planning and management of the feedstock supply.



Eco-mc²

Entry: Energy Storage Using Air Compression

The Eco-mc² Compressed Air Energy Storage System is a hydraulic high pressure air compression system made from fiberglass and or carbon fibre composite materials with a more than 30-year life-span energy power density and Return on Investment. The energy derived from the system is carbon zero, low maintenance and has a low operating cost.



Ekoguru

Entry: Energy Savings Awareness Application

Ekoguru focuses on delivery service innovation through the discipline of Gamification, the use of game elements, behavioural economics and loyalty programmes, in a non-game context to create the energy awareness application.



Green Tower

Entry: Hybrid Solar Heat Pump for Domestic Hot Water

An energy and water efficient hot water solution, it combines a solar thermal heat pump with improved hot water storage. Green Tower is currently in the commercial pilot phase with full scale production anticipated in 2016.



Khaya Power

Entry: Efficient and Safe Micro-Gasifier Stove

A micro-gasifier stove with an electrically driven fan, which is smoke free and burns biomass efficiently.



Resource Innovations

Entry: Automatic Processing of Rejected Snack Packets

An automated process for the beneficiation of raw materials from rejected packaged product in the snack food industry. This patented technology automatically opens rejected snack packets and processes the product into a form suitable for resale to the agricultural sector.



Solazela

Entry: Polymer Solar Water Heating Solution

Solazela is a solar water heater made of polymer materials. The system is designed, developed and manufactured in South Africa and has a high local content, which is perceived as environmentally-friendly and aesthetically engineered.



The Rocket Works

Entry: High Efficiency Bio-Mass Fuel Stoves

High-efficiency biomass fuel stove that reduces harmful emissions and fuel usage by up to 87 percent. The Rocket Works ZaMa-ZaMa Wood Stove, based on its market leading predecessor the Rocket Works Wood Stove, is designed to be shipped in high volumes and assembled on location.



ZingCO Electrical Vehicle Project

Entry: Battery Swapping Solution for Electric Vehicles

Car battery drawer solution which allows easy removal and swap-out of used batteries. The zingBUG is an electrical vehicle conversion based on the iconic VW Beetle refurbished, modernised and fitted with an electric motor and on-board electronics. The most important aspect of this solution is instant battery swapping services as an alternative to recharging.



Menu

STARTER

Grilled vegetable gateau with mascarpone cheese glazed with a tomato jus and garnished with a crispy phyllo triangle

MAIN COURSE

Trio of chicken breast, lamb cutlet and beef fillet on a brandied green peppercorn sauce served with roasted sweet potato discs

Platters of broccoli and cauliflower cheese bake and roasted butternut

DESSERT

White chocolate mousse and strawberries on a vanilla sponge and shortbread based with quenelles of fresh cream and crunchy tuile twists on a vanilla cream sauce

Selection of teas and coffee

WINES

Backsberg Sauvignon Blanc
Backsberg Pinotage



Programme

Introduction and House Rules

Aki Anastasiou

Welcome Address

Barlow Manilal: CEO, Technology
Innovation Agency

STARTERS

Carbotect: Cleaning Validation and Optimisation of Water Usage

Robin Kirkpatrick

Cob.Trade: On-Line Market to Connect Biomass Vendors and Buyers

Philipp Steiner

Eco-mc²: Energy Storage Using Air Compression

Warwick Leaper

Ekoguru: Energy Savings Awareness Application

Wynand Goosen

Green Tower: Hybrid Solar Heat Pump for Domestic Hot Water

Andre Nel

Address

Dr Mohamed Eisa: Representative
of the United Nations Industrial
Development Organization (UNIDO)
and Director of the UNIDO Regional
Office in Pretoria, South Africa.

MAIN COURSE

Khaya Power: Efficient and Safe Micro-Gasifier Stove

Dave Lello

Resource Innovations: Automatic Processing of Rejected Snack Packets

Darrin McComb

Solazela: Polymer Solar Water Heating Solution

Deon du Preez

The Rocket Works: High Efficiency Bio-Mass Fuel Stoves

Adrian Padt

ZingCO Electrical Vehicles: Battery Swapping Solution for Electric Vehicles

Santa Scheepers

Keynote Address

The Honourable Grace Naledi Mandisa
Pandor: Minister of Science and
Technology, South Africa

Sponsored Awards

- 1stEffect
- Spoor & Fisher

Special Category Awards

- Innovation for Social Impact
- Most Promising Youth-Led Business
- Best Women-Led Business

DESSERT

Awards Presentation

Final Words

Event Ends

