



COAL SOLAR WIND HYDRO BIO GAS NUCLEAR

# ENERGY

CARBON

**THE ROLE OF COAL IN A  
CARBON-CONSTRAINED ECONOMY**  
Technological and economic assessment of the optimised  
mix for sustainable energy for southern Africa.

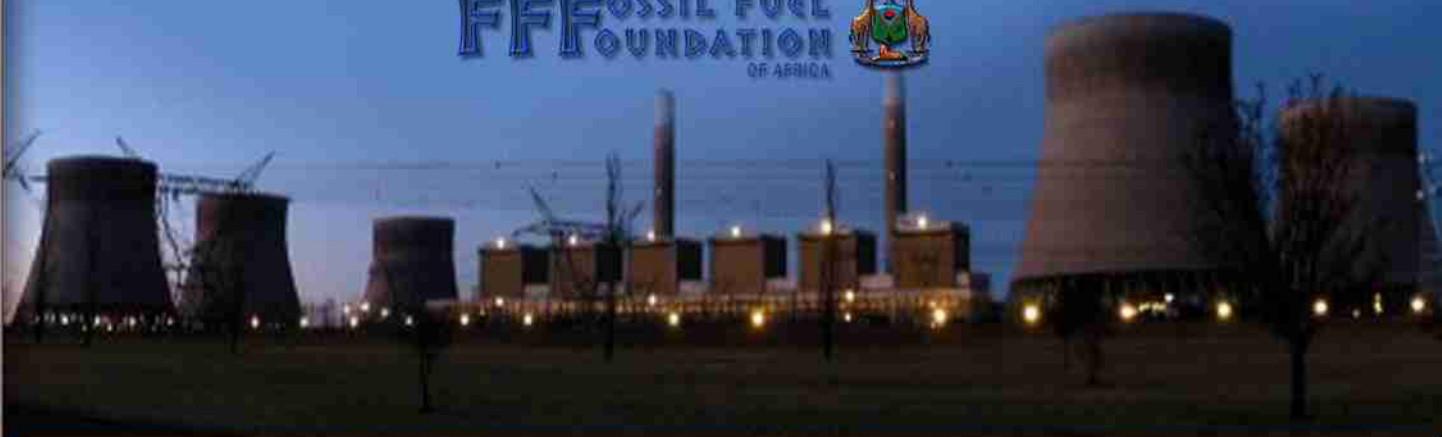
## **PART 1**

# **FIRST ANNOUNCEMENT AND CALL FOR INTEREST**

Part I – Tuesday 17 November 2009  
Part II – Wednesday 17 February 2010

Glenhove Conference Centre, Melrose, Johannesburg, RSA

**FFF** FOSSIL FUEL  
FOUNDATION  
OF AFRICA 



Southern Africa is well endowed with significant reserves of coal. This has led to its long term usage for power generation, coal-to-liquids, metallurgical products and the sustainability of a host of smaller scale industrial activities.

However, awareness of the global warming impact of fossil fuel usage for energy production is gaining momentum, and with this must come a realistic approach to developing alternative energy sources, in parallel with the more sustainable use of coal (in a cleaner way) in the short to medium term.

## OBJECTIVES

This colloquium is the first of two events. Its purpose is to provide a forum for a **review of different energy options and the assessment of the most sustainable and cost-effective energy mix for southern Africa** in the future carbon-constrained economy.

The second colloquium will be held in February 2010 to enable further and more detailed discussions around specific issues identified during the first colloquium. This will also provide a forum for discussion of the outcomes of the COP 15 of the United Nations Convention on Climate Change in **Copenhagen in December 2009. The latest national & regional regulatory & policy development will be presented and the impacts on southern Africa discussed.**

## TOPICS FOR COLLOQUIUM PART 1

- I: CURRENT STATUS OF ENERGY SUPPLY & DEMAND IN SOUTH AFRICA
  - Relevance of coal and other fossil fuels, including reserves
  - Sasol
  - Eskom
  
- II: CURRENT STATUS OF ENERGY SUPPLY & DEMAND IN OTHER SOUTHERN AFRICAN COUNTRIES
  - SADC
  - Botswana
  
- III. FUTURE CHALLENGES IN AN EVOLVING CARBON-CONSTRAINED ECONOMY
  - Climate change challenges
  - Current and impending policy and legislation including trade measures
  - Risks related to climate change – adaption & mitigation
  - Social impacts
  - Capacity building – technology, investment, policy, government
  
- IV. ENERGY EFFICIENCY
  - Lifestyle, transport, buildings, supply chain
  
- IV: AVAILABLE ENERGY ALTERNATIVES
  - Coal
  - Renewable energy sources
    - Solar
    - Wind
    - Hydro
    - Bio
  - Gas and oil
  - Nuclear
  - Life-cycle based comparison of coal v. alternatives
  
- V: WAY FORWARD
  - Financial requirements for development
  - Public awareness and promotion
  - Development of a national strategy (energy roadmap for a carbon-constrained economy)
  - Summary

## WHO SHOULD ATTEND

- Coal, oil and gas producers and users
- Alternative energy producers
- Energy efficiency managers
- Marketing directors
- Environmental consultants
- Economists
- Banks
- Funding agencies
- Government
- Researchers and technical innovators
- New IPP entrants
- Project developers including constructors

## PRESENTATIONS

All presentations must be in MS PowerPoint format. Subject to authors' permission, these presentations will be converted to .pdf format after presentation and will be made available on CD to conference delegates at the close of the conference. If you are interested in speaking please send a short abstract to [robbie@rca.co.za](mailto:robbie@rca.co.za) by 15th August 2009

The language of the conference is English

## EXHIBITIONS

An exhibition will take place alongside the conference. Interested parties should please contact the Conference Secretariat: Ms Robbie Cameron

Tel +27 011 728 8173 • Fax +27 011 728 1675 • Email: [robbie@rca.co.za](mailto:robbie@rca.co.za) • [techevents@mweb.co.za](mailto:techevents@mweb.co.za)

## SPONSORSHIPS

Several exciting sponsorship opportunities are available to industry members. Sponsorship packages are available as well as sponsorship on specific items. All sponsors will be offered branding promotion whether this is inclusion of your logo on the sponsored item or as banner displays in the dining hall or venue. The Conference Secretariat has details.

## ACCOMMODATION

Accommodation in nearby hotels or B&Bs is available.

Please contact the Conference Secretariat for details: Ms Robbie Cameron

Tel 011 728 8173 • Fax 011 728 1675 • Email: [robbie@rca.co.za](mailto:robbie@rca.co.za)

## TECHNICAL COMMITTEE

- Ms Marie Parramon – *Imbewu*
- Professor Rosemary Falcon – *FFF/Wits*
- Mr Bob Tait – *Wits*
- Mr Dave Collins – *Promethium Carbon*
- Dr Peter Lukey – *DEAT*
- Mr Kgomotso Abi – *Botswana*
- Mrs Elizabeth Marabwa – *DME*
- Mr Paul White – *FFF/US Embassy*
- Mr Brian Tait – *Sasol*
- Mr John Walmsley – *Consultant*
- Dr Brian Purchase – *Consultant*
- Mr Dick Kruger – *FFF/Chamber of Mines*
- Mr Mike Andrews – *Eon Company*
- Dr John Holloway – *DRC Congo*

## CONFERENCE SECRETARIAT

**Ms Robbie Cameron and Ms Yolandé Oosthuizen**  
RCA Conference Organisers

[robbie@rca.co.za](mailto:robbie@rca.co.za) • [register@rca.co.za](mailto:register@rca.co.za) • [techevents@mweb.co.za](mailto:techevents@mweb.co.za)

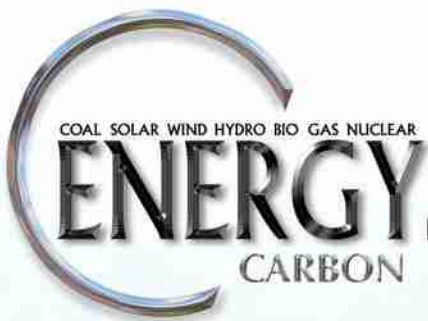
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Fossil Fuel Foundation

Postal address:

P O Box 72147 Parkview 2122

ENERGY



# REGISTRATION

Part I – Tuesday 17 November 2009

Title  Surname  First Name

Postal address

Telephone  Mobile  Fax

Email (please print clearly)

Company or Organisation (to be invoiced)

Your company's VAT registration number

Purchase order number

Your position in the company

Accounts contact person

Accounts tel/fax number

Accounts email address

Company's Postal Address

Are you a member of the Fossil Fuel Foundation?  YES  NO

Specific dietary requirements

## REGISTRATION FEES

### VERY EARLY BIRD REGISTRATION

*Register and pay on or before 15 August 2009*

Member – R2 250.00  Non Member – R2 500.00

### EARLY BIRD REGISTRATION

*Register and pay on or before 15 October 2009*

Member – R2 500.00  Non Member – R2 750.00

### FULL REGISTRATION

*Register and pay after 15 October 2009*

Member – R2 750.00  Non Member – R3 000.00

Full time student/academics/retired person – R1 500.00

Invited Speaker  FFF Guest  Media  **0.00**

**See next page for registration information**

**REGISTRATION FEES are VAT inclusive**

**Please tick the option for which you are registering on the previous page.**

**Full Registration fees to the conference include:**

Delegate folder, name tag, entrance to all sessions, abstract book & programme, CD of presentations, tea/coffee breaks and lunch.

Please note: if your registration fees have not been paid by 10 November 2009 by your company you will remain personally liable for the full amount.

**Attendance is STRICTLY subject to prior payment.**

**Please fax your registration form to:**

**+27 11 728 1675 or email to [robbie@rca.co.za](mailto:robbie@rca.co.za) or [register@rca.co.za](mailto:register@rca.co.za)**

An invoice will be issued on receipt of a completed registration form. Attendance is **STRICTLY** subject to prior payment, a deposit slip or transfer form with the invoice number as a reference is required as proof of payment

**CANCELLATION OF THIS REGISTRATION**

**Cancellation may be made in writing 10 days prior to the conference; a 25% administration fee will be charged. No refund or credit note will be issued if written cancellation is not received timeously.**

**You will then remain liable for payment of the invoice.  
Registrations are transferable.**

**FFF, P O Box 72147 Parkview 2122**

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