

KZN COAL IN AB 2009

A REVIEW OF THE COAL AND ANTHRACITE INDUSTRY IN KWAZULU-NATAL

Geological, Mining, Marketing, Utilisation and Environmental Aspects
of Coal and Anthracite in KwaZulu-Natal

25 – 26 June 2009

Battlefields Lodge, Dundee, KwaZulu-Natal, South Africa

Second Announcement and Programme

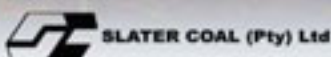
Presented by



In collaboration with the South African Coal Processing Society



The Field Excursion sponsored by



Special Conference Dinner is sponsored by



Sponsorship is acknowledged from



OBJECTIVES

The purpose of this two-day event is to bring together all those involved in the coal and anthracite related industries in KwaZulu-Natal and further afield – mining, marketing, consuming, technical supplying and advising sectors - in order to provide a forum for the presentation of ideas and discussion on all issues related to the development of those industries in this province.

MOTIVATION

The KwaZulu-Natal coalfields – the oldest in the country - are undergoing a renewed expansion of development following the closure of many older mines in the region and many new players are coming into the field. Whilst the closure of old mines has caused environmental and socio-economic issues in some areas of these coalfields, it is anticipated that the new coal mines will play an extremely important role in satisfying the increasing demands of specific local and international export bituminous and anthracitic markets in the short, medium and long term futures from that region.

Given that the initiation and sustaining of mining projects of any kind, and specifically coal projects, are extremely complex and arduous, this conference aims to address the practical, logistical, legal, marketing and financial knowledge base of those parties embarking on or currently involved in coal mining ventures. It will also address the usage of the coals in the region along with the issues concerning environmental constraints imposed in certain geographical areas and the substitution of coal by gas and biomass through co-firing.

In so doing this series of conferences seek to provide a forum for the acquisition and exchange of pertinent and practical information, the creation of networking opportunities and the exposure of relevant support services.

WHO SHOULD ATTEND

Coal mining venture developers, mining service companies, equipment suppliers, mining contractors, logistics organisations, coal users in all sectors of the energy and heat-producing markets, environmentalists, financing companies, technical consultants, marketing organisations and provincial and governmental representatives – and all who may have a role to play in coal industrialisation of KwaZulu-Natal.

PROGRAMME

Wednesday 24 June 2009 Arrival at Battlefields Lodge - Dinner Optional

Thursday 25 June 2009 ALL DAY VISIT TO KZN GEOLOGICAL SITES

08:00-09:00 Conference and Field Trip Registration

09:00-16:00 Field Excursion: The Karoo System – KwaZulu-Natal (Leaders: Willie Lemmer & K Petzer) Specially produced excursion guides will be given to each participant. Participants will be driven by bus to sites visited.

Field Excursion kindly sponsored by Slater Coal (Pty) Ltd

Friday 26 June 2009 CONFERENCE DAY

08:00-08:25 Conference Registration



08:25-08:30 **Welcome Address by Conference Co-Chairman** *Norman Slater* Slater Coal (Pty) Ltd

08:30-09:00 **OPENING ADDRESS** **Techno-Economic Developments in KwaZulu-Natal** *TBA*

SESSION 1 – GEOLOGY AND EXPLORATION

09:00-09:30 **Strategy to Re-Assess KwaZulu-Natal Coal Resources** *Xavier Prevost* Barlow Jonker

09:30-10:00 **Keaton Energy's Exploration Experience in KwaZulu-Natal** *John Hancox* CCIC

10:00-10:30 Tea & Coffee Break

SESSION 2 – MINING AND BENEFICIATION

10:30-11:00 **The Practicalities of Coal Mining in Southern Africa** *Andrew Kinghorn* Snowden Mining Industry Consultants

11:00-11:30 **The Importance of Social Impact Assessments and How They Can Benefit the Development of a Coal Mine** *Chris Wright* GCS Environmental Consultants

11:30-12:00 **A Cost-effective Geo-referenced Thermal Imaging Survey Technique for the Identification and Characterization of Spontaneous Combustion** *Danel van Tonder* Council for Geoscience

12:00-12:30 **Dry Jigging of Coal** *Johan de Korte* CSIR & Xantium Mining Holdings

12:30-13:30 Lunch Break

SESSION 3 – UTILISATION

13:30-14:00 **Fluidised Bed in KwaZulu-Natal** *TBA*

14:00-14:30 **Power Plant Capacity and Efficiency Increase – An Integrated Boiler and Turbine Retrofit Project** *Peter Beal* Alstom Power

14:30-15:00 **Volatiles, Bed Efficiency, Coal Feed Systems – Swings, Orange Squeezers, Spill Plates and Swirlers** *Norman Harvett* Karbon Services

15:00-15:30 **Anthracites Markets and Proposals for Pricing** *Ricky Pinheiro* Petmin Limited

15:30-15:45 Tea & Coffee Break

SESSION 4 – ENVIRONMENTAL ISSUES

15:45-16:15 **CO₂ Reduction Utilising Existing Assets – Dedicated Biomass Co-Firing** *Mark Boneham* Alstom Power

16:15-16:45 **Current and Future Challenges Posed by Abandoned Mines – Examples from South Africa's Coalfields** *Henk Coetzee* Council for Geoscience

16:45-17:15 **Carbon Sequestration from Coal Fired Power Plants in Europe and the USA** *Vincent Donato* International Speaker DSN Consultants

17:15-17:30 **Closing Address by Conference Co-Chairman** *Dave Thompson* Consulting Geologist

17:30-19:00 Cocktails followed by the Special Conference Dinner and Battlefields Presentation

The Special Conference Dinner kindly sponsored by Keaton Energy Holdings Limited

RORKE'S DRIFT



ACCOMMODATION

Battlefields Country Lodge is situated in Dundee and lies in the heart of the battlefields in KwaZulu-Natal. Explore Boer, Brit and Zulu battle sites at Isandlwana, Rorke's Drift & Blood River. The lodge is nestled in green valleys overlooking rolling hills, dams and the famous Talana Hill which is the site of the first battle between the Boers and the British soldiers! There are luxurious gardens with a swimming pool, dams, mountains, horses, some game and stunning bird life. The excellent country-style buffet is served in the fully licensed "Lapa Ukhamba" watering hole which is an experience on its own.

TECHNICAL COMMITTEE

Norman Slater - Co-Chairman
Dave Thompson - Co-Chairman
Ricky Pinheiro
Johan de Korte
Rosemary Falcon

CONFERENCE SECRETARIAT

Ms Robbie Cameron and Ms Yolandé Oosthuizen
RCA Conference Organisers
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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?

Student Number and Course

REGISTRATION FEES

Full registration fees include: VAT, delegate folder, name tag, abstract book, CD of presentations.
Thursday 25th June: Transport by bus, packed lunch, field guide, dinner.
Friday 26th June: Tea/coffee breaks, lunch and dinner.

Please note: Registration does not include accommodation – see section below.

PLEASE TICK YOUR REGISTRATION OPTION:

Full registration FFF Member	R3 900.00	<input checked="" type="checkbox"/>	<input type="text"/>
Full registration Non Member	R4 150.00	<input type="checkbox"/>	<input type="text"/>
Academic / Fully Retired Person	R2 000.00	<input type="checkbox"/>	<input type="text"/>
Full-time registered student	R1 750.00	<input type="checkbox"/>	<input type="text"/>
Invited Speaker - no charge			



SOCIAL EVENTS

Please indicate if you will require **DINNER** (drinks excluded)

No of Guests

24 June 2009 - R130.00

I would like to purchase a Guest Dinner Ticket @ R130.00

YES	NO
YES	NO

25 June 2009 - Complimentary Dinner

complimentary(drinks excluded) for all registered delegates

I would like to purchase a Guest Dinner Ticket @ R130.00

YES	NO
YES	NO

26 June 2009 - Complimentary Conference Dinner

complimentary(drinks excluded) for all registered delegates

I would like to purchase a Guest Dinner Ticket @ R200.00

YES	NO
YES	NO

ACCOMMODATION Battlefields Lodge

Please note: no accommodation for any other establishment will be booked by the conference organisers. These rates per night have been specially negotiated and are inclusive of breakfast and VAT. They include the 1% tourism levy and are valid from 24 – 27 June 2009. There are limited rooms available and these will be on a 'first come first served' basis.

BUDGET ROOMS (BREAKFAST INCLUDED)

Single Rate
@ R370-00 pppn

Sharing Rate
@ R270-00 pppn

Night of 24 June 2009
Night of 25 June 2009
Night of 26 June 2009
Night of 27 June 2009

STANDARD ROOMS (BREAKFAST INCLUDED)

Single Rate
@ R580-00 pppn

Sharing Rate
@ R430-00 pppn

Night of 24 June 2009
Night of 25 June 2009
Night of 26 June 2009
Night of 27 June 2009

DELUXE ROOMS (BREAKFAST INCLUDED)

Single Rate
@ R830-00 pppn

Sharing Rate
@ R630-00 pppn

Night of 24 June 2009
Night of 25 June 2009
Night of 26 June 2009
Night of 27 June 2009

Please indicate the name of the person with whom you will be sharing.

TOTAL PAYMENT

Please note: if your registration fees have not been paid by 17 June 2009 by your company you will remain personally liable for the full amount.

SIGNED:

DATE:

Please fax this form (2 pages) to +27 11 728 1675 or email to robbie@rca.co.za or register@rca.co.za
An invoice will be issued on receipt of a completed registration form. Attendance is subject to prior payment, a deposit slip or transfer form with the invoice number as a reference is required as proof of payment please.

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 Tel +27 11 728 8173
Fax +27 11 728 1675 or 086 653 7108

