

2nd Annual



# Coal Botswana 2014

Book and pay before  
3 February 2014 and save up to  
**US \$500**

In partnership with:

Endorsed by:

## Unlocking the value and shaping the future of Botswana's Coal Industry

25 - 27 March 2014  
The Grand Palm Hotel, Gaborone, Botswana



### Our keynote speakers:



**Honourable Onkokame Mokaila**  
Minister  
Ministry of Minerals, Energy and Water Resources,  
Botswana



**Honourable Nonofu Molofhi**  
Minister  
Ministry of Transport and Communications,  
Botswana

### Why you should be at Botswana's premier event:

- Get the latest updates on the coal industry's development
- Assess the potential to develop the CTL industry and the path to drive success
- Gain a thorough understanding of exploration opportunities
- Hear directly from the Government representatives and Departments about what it takes to develop projects within the country
- Botswana's projects
- Get updates on coal transport infrastructure
- Evaluate investment opportunities

### Register now for Coal Botswana 2014 to enjoy:

- **Keynotes** from leading figures in the coal industry
- All leading mining, transport, energy and investment speakers over a **3 day** conference
- Major **projects updates**
- Superb **networking opportunities** with industry influencers
- Larger venue: perfect for our black tie **Coal Botswana gala dinner**

### Featuring key presentations from:



**Charles Siwawa**  
Chief Executive Officer  
Botswana Chamber of Mines



**Siyabonga Gama**  
Chief Executive Officer  
Transnet Freight Rail



**Bisey Uirab**  
Chief Executive Officer  
Namport, Namibia



**Nchena Mothebe**  
Acting Director Transmission SBU  
Botswana Power Corporation



**Mashale Phumaphi**  
Managing Director  
Shumba Coal



**Lovemore Bingandadi**  
Corridor Advisor – Infrastructure  
and Services Directorate,  
Southern African  
Development Community

See page 2 for full Speaker list

“A very focused and well structured conference” Transnet Freight Rail

Networking Solution Provider:

Exhibitor:



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**Lovemore Bingandadi**  
Corridor Advisor – Infrastructure  
and Services Directorate  
Southern African  
Development Community



**Michel Thuysbaert**  
Managing Director  
Cobramar



**Johnny Smith**  
Chief Executive Officer  
Walvis Bay Corridor  
Group



**Michael Nightingale**  
Executive Director  
The Nightingale Partnership  
(UK) Ltd



**Nepo William Kekana**  
Head of Investment Promotion  
Limpopo Economic  
Development Agency



**James O'Connell**  
Editor in Chief – Coal  
Platts McGraw Hill  
Financial



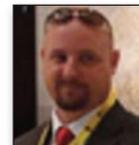
**Barfour Osei**  
Chief Research Economist  
African Development Bank  
Group, Southern Africa  
Resource Center



**Omar Vajeth**  
Chief Executive Officer  
Aurora



**Mike Teke**  
President  
Chamber of Mines of  
South Africa



**Blake Smith**  
Business Development  
Manager  
Weatherford



**Dr Keith Jefferris**  
Managing Director  
Econsult



**Neeraj Saxena**  
Project Manager – Power  
Jindal Botswana



**Surrender Ncube**  
Exploration Director  
Xplore Mining



**Morupule Colliery**



**Xavier Prevost**  
Senior Coal Analyst  
XMP Consulting



**Eskom** Eskom representative



**Tony Zerbet**  
Business Head,  
Jindal Botswana



**Ezekiel Moumakwa**  
Coal Development Unit  
Ministry of Minerals, Water  
and Energy Resources



**Peggy O. Serame**  
Deputy Permanent Secretary  
Ministry Trade and Industry



**Neil Fitt**  
Permanent Secretary  
Ministry of Environment,  
Wildlife and Tourism,  
Botswana



**Ikwatlheng Bagopi**  
Permanent Secretary  
Ministry of Labour and  
Home Affairs, Botswana

## Welcome to Coal Botswana 2014 Conference

Dear Executive,

After the highly successful Coal Botswana 2013 conference in March 2013, IQPC is pleased to announce the Second Annual Coal Botswana 2014 that will be held at the Grand Palm Hotel, Gaborone, Botswana from 25 – 27 March 2014.

Botswana, home to 66% of Africa's identified untapped coal reserves, is well positioned to become a major coal producer and exporter. The government of Botswana has consequently signalled that it intends to make development of the sector a priority – both to meet urgent domestic power needs and to diversify the country's economy away from its present reliance on diamond exports.

The country is currently exporting 3 million tons of coal from Morupule and expects to export 130 million tpa of coal when the necessary rail infrastructure is completed. The government is working closely with the industry to develop solutions for the export of coal from three hubs: Walvis Bay in Namibia, Richards Bay in South Africa and Mozambique's Ponta Techobanine. The republic of Botswana is on the right track of becoming a major coal exporter and a regional power hub in Southern Africa.

By attending this lucrative forum you will:

- Get the latest updates of the coal industry's development
- Gain a thorough understanding of exploration opportunities
- Hear directly from the Government representatives and Departments about what it takes to develop projects within the country
- Get updates on coal projects
- Get updates on coal transport infrastructure
- Evaluate investment opportunities
- Assess the potential to develop the CTL industry and the path to take to drive success
- Network with all the major players in the industry under one roof and build strong business contacts

With so much interest already received for this timely event, I invite you to join us in Gaborone in March 2014.

I look forward to welcoming you at Coal Botswana 2014

**Vanessa Leyka**  
Conference Director  
Coal Botswana 2014

## Additional benefits! 2 Masterclasses, expert leaders – Don't miss out!

Post-conference Master class: 27 March 2014

### Master class A: Building Botswana's coal infrastructure – from planning to implementation

The master class will highlight the importance of transport in fostering economic growth and diversification in Botswana. The workshop will focus on how to optimally engage all stakeholders involved in the infrastructure projects to provide effective and efficient solutions that will drive the projects forward in order to better respond as a sector to the needs of all players in the coal industry.

### Master class B: Wireline logging for coal applications

The master class will cover aspects of geophysical log types; from basic borehole parameters to structural and geotechnical evaluation techniques and geophysical data analysis and data interpretation techniques.

## Join us for a black tie Gala dinner on the 25th March 2014

You definitely won't want to miss the gala dinner on the evening of 25 March 2014.

Superb networking, exquisite food and the company of some of the greatest minds in the coal sector will guarantee you a night packed with fun at the highest level.

## Programme Summary

**Tuesday 25 March:** Conference day one

**Tuesday 25 March:** Gala dinner

**Wednesday 26 March:** Conference day two

**Thursday 27 March Evening:** Post-Conference masterclasses

# Conference day one: Tuesday 25 March 2014

07:30 Registration and Coffee

08:30 Opening remarks from the chair

## Market update and drivers for 2014 and beyond

08:45 **Establishing a sustainable road ahead for Botswana's coal sector**

- Update on the micro-economics forces shaping the coal industry in Botswana
- Taking stock of current progress and key development targets
- Assessing the impact of infrastructure constraints on coal development - short and long term prospects
- The increasing importance of building relationships between the coal sector and the private sector
- Update on the Coal Road Map – Has progress been made? What new strategies are in the pipeline?

Hon. Onkokame Mokaila, Minister, **Ministry of Minerals, Energy and Water Resources, Botswana**

Keynote opening

## A case for coal: Fuelling global development

09:30 **Coal outlook – Pricing, supply and demand and implications for project viability**

- Outlook for global coal markets and pricing
- Cost, margins and outlook comparison across thermal coal and coking coal
- Reviewing and forecasting supply and demand in key markets – will Asia continue to dominate?
- How production and trade patterns are adjusting to market conditions
- Is coal likely to remain price competitive relative to other fuels?

Xavier Prevost, Senior Coal Analyst, **XMP Consulting**

10:15 Networking tea break

## Coal operations

10:45 **Coal mining operations – a case for Morupule Colliery**

- Update on Morupule Colliery expansion project
- Morupule growth plans – key success factors in a challenging market
- Strategies to manage costs and maintain margins

**Morupule Colliery**

## Projects development and explorations in Botswana

11:15 **Recent Developments in Botswana Coal**

Mashale Phumaphi, Managing Director, **Shumba Coal**

11:45 **Driving the development of Botswana coalfields – challenges and potential**

- Identifying key challenges in developing mining projects in remote Botswana
- Where are the new major coal discoveries?
- Implementing cost-effective strategies for increasing efficiency and productivity
- Investing in coal exploration – opportunities and challenges
- Where are the opportunities for the coal market - is CTL the answer?

Tony Zerbet, Business Head, **Jindal Botswana**  
Surrender Ncube, Exploration Director, **Xplore Mining**

Panel discussion

12:15 Lunch and networking

## Coal products

13:15 **Coal to liquid – a way to monetize Botswana coal**

- Botswana keeps on increasing its coal reserves which by now exceed 220 billion tons – whilst a lot of efforts are being done improving logistics to allow the “black diamonds” to reach the international and overseas export markets, the best opportunity to provide a medium term return on investment and domestic beneficiation of Botswana's coal is for Botswana to invest in CTL (Coal to liquid) and convert some of its reserves in synfuel to offset the rising cost of having to import all its fuel from abroad at an ever increasing cost to the balance of payment
- Update on the Cobramar-CCT Botswana CTL project

Michel Thuysbaert, Managing Director, **Cobramar**

## Government and regulatory considerations – know where you stand

14:00 **Labour issues and coal development**

Ikwalheng Bagopi, Permanent Secretary, **Ministry of Labour and Home Affairs, Botswana**

14:45 **Topic to be confirmed**

Neil Fitt, Permanent Secretary, **Ministry of Environment, Wildlife and Tourism, Botswana**

15:30 **Executive Exchange: Networking session**

This unique session will allow you networking with other delegates. This will give you an opportunity to understand who is in your global network, and understanding their customer service vision, offering you a great chance to benchmark your own development. Don't forget to bring plenty of business cards.

## Investing in Botswana development – Determine fact from fiction

16:00 **Insight into equity and investment driver for Botswana exploration projects**

- Financing exploration projects and attracting international investors in the current economic environment
- Assessing impact of infrastructure development uncertainty investments
- Securing finance for the expansion of exploration projects – how easily is this achieved
- Examining the growing role of financial investors in shaping the coal sector in Botswana
- Reviewing other potential sources of funding

Barfour Osei, Chief Research Economist, **African Development Bank Group, Southern Africa Resource Center**  
Dr Keith Jefferris, Director, **Econsult**

Panel discussion

16:30 **Botswana: Investment destination of choice**

Peggy O. Serame, Deputy Permanent Secretary, **Ministry Trade and Industry, Botswana**

17:00 Chairman closing remarks and end of day one

**Black Tie Gala Dinner: Tuesday 25 March 2014**

18:00 **Gala Dinner**

Join us for dinner with a keynote address from Honourable Onkokame Mokaila, Minister, **Ministry of Minerals, Energy and Water Resources**. This is the perfect opportunity to continue networking, cement existing partnerships and develop new relationship

**Reserve your place now, seats are limited!**



International Quality & Productivity Centre

### About IQPC:

**IQPC** provides business executives around the world with tailored practical conferences, large scale events, topical seminars and in-house training programmes, keeping them up-to-date with industry trends, technological developments and the regulatory landscape. **IQPC's** large scale conferences are market leading “must attend” events for their respective industries.

**IQPC** produces more than 1,700 events annually around the world, and continues to grow. Founded in 1973, **IQPC** now has offices in major cities across six continents including: **Bengaluru, Berlin, Dubai, London, New York, Sao Paulo, Johannesburg, Singapore, Stockholm, Sydney, and Toronto**. **IQPC** leverages a global research base of best practices to produce an unrivalled portfolio of conferences.

## What delegates said about Coal Botswana 2013

“Great experience and great platform for networking”

**The Mineral corporation**

“The conference came as an eye opener to most of us who knew that there was potential coal deposit but not knowing the potential value of them and the potential impact on the GDP”

**Kwena Concrete Products**

“A good overview of the industry”

**Exxaro Resources**

“It covered the most important aspects of the coal chain”

**Ministry of Minerals, Energy and Water Resources - MMEWR**

“Good variety of speakers addressing all aspects of Coal market and opportunities in Botswana”

**Botswana Chamber of Mines**

“I would say the event is a “must-go” for all stakeholders in the Botswana Coal industry”

**Shumba Coal**

# Conference day two: Wednesday 26 March 2014

07:30 Registration and Coffee

08:30 Opening remarks from the Chair

## Supply meets demand – Buyers perspectives

08:45 **Changing landscape of China's coal sector**

- Key development in China's coal sector over the past year – what does the future hold?
- Domestic demand - near and long-term
- Coal pricing dynamics
- By how much is China aiming to increase its coal by 2016?
- What role can Botswana play in China's coal import?

James O'Connell, Editor in Chief – Coal, [Platts McGraw Hill Financial](#)

09:15 **India thermal coal demand**

- Overview of India thermal coal imports
- How are India's coal needs developing? What factors are shaping these trends?
- Power economics – rates for power, taxes on imports
- Economic growth prospect

09:45 **The Coal Industry**

- Synergies in the SADC countries
- Botswana and South Africa
- Power and Rail

Mike Teke, President, [Chamber of Mines of South Africa](#)

10:15 **Networking tea break**

## Power generation opportunities for a power starved region

10:45 **SADC's growing demand for power - what are the options?**

- Regional overview of the energy market and how coal is changing the shape of the market
- Overview of existing market conditions and expected growth in power consumption
- Latest policies enabling the future development of coal fired power plants – what are the stipulations?
- Rising to the challenge of meeting Southern African's future power needs
- Improving power distribution in Africa

Michael Nightingale, Executive Director, [The Nightingale Partnership \(UK\) Ltd](#)  
Neeraj Saxena, Project Manager – Power, [Jindal Botswana](#)  
Omar Vajeth, Chief Executive Officer, [Aurora](#)  
Eskom representative

11:30 **Bridging the energy capacity deficit through Botswana power sector development**

- Overview of Botswana power outlook
- The role of government in setting up an attractive environment for Botswana to become a power hub and for investors to invest in power infrastructure
- Can Botswana cater to Southern Africa's appetite for power? Strategies moving forward
- Electricity demand forecast (2014 – 2020)
- Power supply plan (2014 – 2020)
- What will replace coal? Is the Government's investment plan robust enough to meet demand
- Update on the ZIZABONA project

12:00 **Networking lunch break**

## Update on power projects

13:00 **Electricity Supply Industry in Botswana, Power Supply and Demand in Southern Africa**

- Electricity consumption and demand forecast in Botswana
- Current electricity supply and demand situation in Botswana
- Botswana's supply – demand balance outlook
- Botswana transmission grid development plan
- The southern African region's power supply outlook

Nchena Mothebe, Acting Director Transmission SBU, [Botswana Power Corporation](#)

## Boom or bust? Where to next for Botswana coal infrastructure

14:00 **Adapting Botswana's rail network to sustain the growing coal export market**

Keynote address

Honorable Nonofu E. Molefhi, Minister, [Ministry of Transport and Communications, Botswana](#)

14:30 **Transkalahari Railway transforming Botswana's economy and the region**

Charles Siwawa, Chief Executive Officer, [Botswana Chamber of Mines](#)

15:00 **Networking and afternoon break**

15:30 **Common ground, mutual gain: How South Africa and Botswana are working together to succeed in a complex environment to capitalise on abundant coal resources**

- South Africa perspective: recent development in mining policy and regulation
  - The South Africa Coal Roadmap approach
  - Labour unrest – implication for the coal sector and strategies for moving forward
  - Absorbing increases in power costs
  - Infrastructure and logistics plans
  - Assessing possibilities of exporting Botswana coal via Transnet
- Siyabonga Gama, Chief Executive Officer, [Transnet Freight Rail](#)

## Replacing hurdles with competitive advantage

16:00 **Working towards infrastructural synergy across the SADC region**

- Implication of Mozambican infrastructure development for the wide SADC region
  - Establishing connectivity through Botswana and Namibia – progress and future prospects
  - Establishing a progressive regulatory framework to enable synergy across borders
  - Harmonizing Southern Africa's port system and railway lines
- Johny Smith, Chief Executive Officer, [Walvis Bay Corridor Group](#)  
Lovemore Bingandadi, Corridor Advisor – Infrastructure and Services Directorate, [Southern African Development Community](#)  
Nepo William Kekana, Head of Investment Promotion, [Limpopo Economic Development Agency](#)

16:45 **RSA and Limpopo Coal - Synergies to Unlock Botswana Coal Development**

Nepo William Kekana, Head of Investment Promotion, [Limpopo Economic Development Agency](#)

17:15 **Chairman closing remarks**

17:30 **End of Conference**



# Post-conference masterclass: Thursday 27 March 2014

IQPC's masterclasses are unique opportunities to spend valuable time with industry experts. These interactive sessions are extended to ensure that you will get to the heart of the most critical issues and uncover practical solutions you can apply to your own projects.

**Masterclass A: 8:30 – 12:30**

## Building Botswana's coal infrastructure – from planning to implementation

### Objectives

This master class will highlight the importance of transport in fostering economic growth and diversification in Botswana. The workshop will focus on how to optimally engage all stakeholders involved in infrastructure projects to provide effective and efficient solutions that will drive the projects forward in order to better respond as a sector to the needs of all players in the coal industry.

### Who should attend?

- Government departments & agencies
- Freight & Logistics
- Banking, Finance & Law
- Construction Contractors
- Suppliers
- Project Developers & Planners
- Rail & Ports Authorities
- Consultants (Environmental / Engineering / Project Management)
- Economists

### Session 1 Botswana infrastructure development agenda

- Defining the mechanics of the coal infrastructure engine - from planning to implementation
  - Fighting for coal infrastructure – an industry perspective
  - Emphasising the need for governments support on infrastructure projects and highlighting current and various upcoming projects in Botswana
  - Partnering with the private sector to fund transport infrastructure projects and alternative funding Mechanisms
  - Engaging various stakeholders during the implementation stage, and its benefits
- Charles Siwawa**, Chief Executive Officer, **Botswana Chamber of Mines**

### Session 2 Update on the Trans-Kalahari railway line

- Will Trans-Kalahari project happen? Timescale and implications
- Financing arrangement decisions to date
- What is delaying the implementation of the project?
- Overcoming the main challenges affecting TKL project implementation and success
- Understanding the synergy between public and private sector in the implementation of the project

**Ezekiel Moumakwa**, Coal Development Unit, **Ministry of Minerals, Water and Energy Resources**

### Session 3 Port development

- Port of Walvis Bay – expansion projects
- Detailing the need for establishing railways line across Botswana to the port of Walvis Bay

**Bisey Uirah**, Chief Executive Officer, **Namport, Namibia**

## Rail Transport Network: Innovations in Coal Transportation

### Session 4 Developing Botswana rail project in line with other SADC rail projects

- Identifying the major challenges that might be faced when linking Botswana rail network with SADC countries involved
- Highlighting the implementation of rail transport laws between countries and its effect on infrastructure
- Overcoming the challenges such as compatibility issues with the use of non standardised technologies and equipment throughout the network
- Identifying the benefits of investing in technologies and products that are used in rail projects across the SADC
- West Vs East – is Namibia a better route to the sea than Mozambique? Pros and cons

**S.N.M Naanda**, Chief Executive Officer, **Transnamib, Namibia**

**Masterclass B: 13:30 – 15:30**

## Wireline logging for coal applications

### Objectives

The master class will cover aspects of geophysical log types; from basic borehole parameters to structural and geotechnical evaluation techniques and geophysical data analysis and data Interpretation techniques.

### Master class outline

- General introduction
- Density/Gamma Ray
- Sonic/FWS
- Televiwer/CMI
- Resistivity
- Dipmeter
- Neutron-Neutron
- Quality assurance
- Conclusions and recommendations

### Master class leader:

**Blake Smith**, Business Development Manager, **Weatherford**



Blake Smith is the focal point for sub-Saharan Africa mining, energy and civil engineering development for Weatherford based in Johannesburg, South Africa. He has successfully managed and executed numerous borehole geophysical operations in virtually every exploitable ore type and geotechnical environment in Africa and applies that experience to aid in the development of SSA's mining and energy sectors. He has given a variety of technical presentations directly to clients and at mining conferences relating to this. He has a National diploma in Electrical Engineering from Vaal Triangle Technikon.

Blake Smith's current job title is business development manager, but in the local Slimline business his remit is wider ranging than that job title might suggest. He regularly reviews the African market place, and adjusts the local strategy to best suit the changing needs of that market.





# Coal Botswana 2014

25 - 27 March 2014  
The Grand Palm Hotel, Gaborone, Botswana

## Who you will meet at Coal Botswana 2014?

- President / Vice President
- Chairman
- Executive Board Director
- Chief Executive Officers
- Country / Regional Manager
- Head / General Manager/ Managing Director
  - Mining
  - Mechanical
  - Technical
  - Operations
  - Logistics
  - Projects
  - Human Resources
- National Director of Mines
- National Director of Infrastructure
- National Director of Planning
- National Director of Transport
- National Director of Energy
- Director: Power and Infrastructure
- Director: Ports
- Directors: Rail
- Senior Coal Analyst
- Chief Investment Strategist

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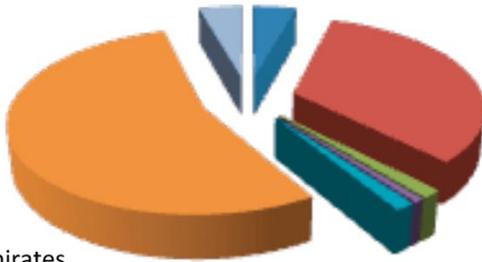


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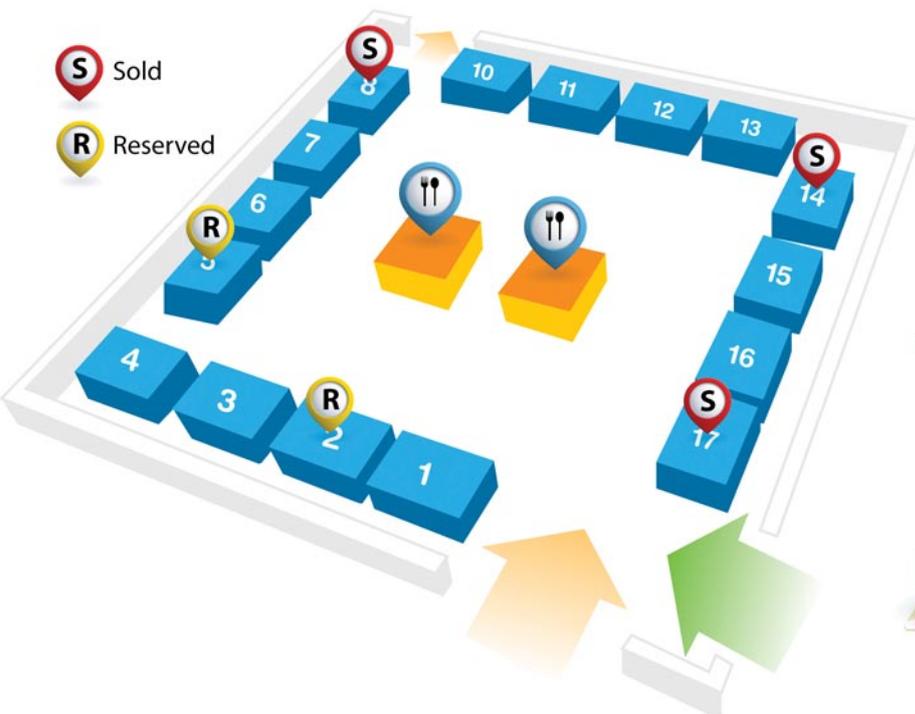
## Country Representation of 2013 Delegates

- Bolivia
- Botswana
- Canada
- Mozambique
- Namibia
- South Africa
- United Arab Emirates



**S** Sold

**R** Reserved



## Unrivalled Networking Opportunities!

Make the most of your attendance at **Coal Botswana 2014** by maximizing your networking during and after the conference. Benefit from an array of opportunities, including:



### Speed Introductions

A chance to meet industry heavyweights and network with peers in a fun, informal atmosphere, bring plenty of business cards!



### Networking Refreshment Breaks

Meet your industry colleagues and discuss their views on the market over tea and coffee



### Networking Luncheon

Take the opportunity to relax and meet new faces over lunch at our seated networking Luncheons



### Raise your company profile

If you would like to take advantage of the many opportunities surrounding **Coal Botswana 2014** then get in touch now!

Contact **Andreas Brandt**: Africa Sales Director,  
on +27 11 593 2267 or email [sponsorship@iqpc.co.za](mailto:sponsorship@iqpc.co.za)

