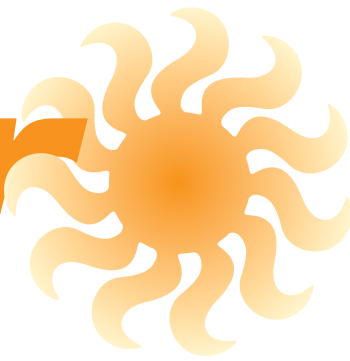


# ***power*** ***& Electricity*** ***World Africa 2011***



28 March – 01 April 2011  
Exhibition: 30 - 31 March 2011  
Sandton Convention Centre  
Johannesburg, South Africa



**Investment and development  
for operators, developers,  
government and investors**

- Meet and network with Africa's energy leaders
- Learn about the latest projects from coal to renewable
- Attract investment to your power projects
- Form winning partnerships

## **Africa's largest energy show**

# Event at a glance

**DAY 1**  
29 March 2011

## Clean Technology WORLD Africa 2011

- Africa's clean energy vision
- Investment & financing
- Regulation & incentives
- Renewable energy streams: Solar, Wind, Geothermal, Water & Hydropower

**DAY 2-3**  
30 - 31 March 2011

## power GENERATION WORLD

- Generating Africa's power future
- Finance & investment
- Regulation
- Nuclear
- Natural & alternative gas development
- Regional updates

**DAY 4**  
1 April 2011

## smart ELECTRICITY WORLD AFRICA 2011

- Africa's smart energy future
- Partnerships
- Money
- Smart metering
- Demand-side management

**DAY 4**  
1 April 2011

## IPP WORLD Africa 2011

- Big picture
- Regulation
- Cost of power
- Projects & innovation
- Partnerships
- Customer perspectives
- Regional reviews

## Who should attend

- Power producers, utilities, power pools
  - IPP's, co-generators, project developers
- Government, municipalities & regulators
- Investment & funding: private equity, venture capital, development agencies, cleantech funds, development banks
- Finance: banks, investment banks, project finance firms
- Oil & Gas – petrochemical companies
- Water utilities and boards
- Major energy users

**3 WORKSHOPS, 1 DAY**  
28 March 2011

**Workshop 1:** The principles of project finance in energy

**Workshop 2:** Constructing renewable energy projects in Africa – improving risk sharing and preparing framework contracts

**Workshop 3:** Introduction to CDM and its application into the renewable sector in Africa



Hear from:



**Titus K. Mbathi**  
Chairman  
**Kenya Electricity Generating Company Ltd, Kenya**

Titus is the Chairman of Kenya Electricity Generating Company, Platinum Credit Limited and Athi River Mining Foundation. He has been honoured with a Decoration - Elder of the Golden Heart of Kenya.

**“Regional power generation and trade could save Africa \$2bn a year”**

Engineering News, August 2010



**Chris Faulkner**  
CEO  
**Breitling Oil and Gas, USA**



**Thava Govender**  
MD: Generation  
**Eskom, South Africa**



**Erica Johnson**  
Chief Officer: Customer Network Business  
**Eskom, South Africa**

Erica joined Eskom in 1994 in the Distribution division. She has been intricately involved with the re-establishment of a secure supply of electricity in the country by bringing the power system back into balance.



**Julius Riungu**  
Chief Executive Officer  
**Tsavo Power Company, Kenya**



**Sharon Kedmi**  
Director General  
**Ministry of Industry and Trade of Israel, Israel**

**“The conference in Johannesburg was well organised and well attended. Participation was of a very high standard and I was privileged to have the opportunity to rub shoulders with the high and mighty of the Energy & Power Sector in Africa.”**

Jasper Odour,  
Executive Secretary,  
Eastern Africa Power Pool, Ethiopia



**Robert P. Powers**  
President  
**American Electric Power Utility, USA**



**Paulinus Shilamba**  
Managing Director  
**NamPower, Namibia**



**Dr Frank Sebbowa**  
Chief Executive Officer  
**Electricity Regulatory Authority of Uganda, Uganda**



**Gerhard Coeln**  
Chief Executive Officer  
**Erongo RED, Namibia**



**Mark Ossel**  
Vice President, Echelon and Board Member  
**ESNA, The Netherlands**



**Dr Lawrence Musaba**  
Coordinator Centre Manager  
**Southern African Power Pool, Zimbabwe**



**Dr. Latsoucabé Fall**  
Regional Manager: Africa  
**World Energy Council, Senegal**



**Jasper Oduor**  
Executive Secretary  
**Eastern Africa Power Pool, Ethiopia**



**Andre Barlow**  
Head - Treasury & Strategic Finance  
**NamPower, Namibia**



**Jeremie Bitanga**  
Project Director  
**AES-SONEL, Cameroon**



**Mike Eyre**  
Director  
**IPSA Group, United Kingdom**



The earlier you book the more you  
**SAVE**

See the registration form for more details

**Survival of the fittest – the power generation battle between fossil fuels and renewables!**

Deciding between fossil fuels or introducing renewable energies into your African country or region feels like you're stuck between a rock and a hard place – right?

Africa's entire continent is at this junction – which way do you turn and which will give you the best return on your investment?

The best place for you to make that choice is at *Power & Electricity World Africa 2011*.

*Power & Electricity World Africa* gives you so many options that by the time you leave you will be able to not only implement your solution, but back it up with the right **investors**, the right **financiers** and valuable management **strategies** that will provide you with instant success!

For 5 days, over **150 speakers** will be blowing you away with what's really going on behind the scenes of Africa's power and electricity sector. They will give you the options that will work for you!

**Get the latest on:**

- Power generation
- Clean technology and renewable energy
- Smart electricity
- Independent power producers
- Bioenergy
- Greenbuildings
- Energy efficiency
- Transmission and distribution
- On-site power
- Hydropower

Don't get caught out again! Make sure you book your seat. This will be the best decision you will ever make! Register online today!

Outstanding

**“The event highlighted a number of issues that need to be addressed in order to reduce power shortage in the region and in Africa as a whole”**

F.M. Hloaele,  
MD, Lesotho Electricity Company



**A**

**Honourable Dipuo Peters**  
Minister of Energy and  
Department of Energy  
South Africa

Minister Peters has been Minister of Energy in South Africa since 2009. Her management of provision of energy transformation and Energy to improve economic growth.



**Get up close and personal**



**Pius Apuye**  
Executive Director:  
Finance & Administration  
**Power Holding Company of Nigeria**



**Sydney Zeederberg**  
Energy Manager  
**Sasol, South Africa**



**Michael Tarney**  
Managing Director of Corporate Development  
**Copperbelt Energy Corporation, Zambia**



**Emmanuel Lubandi**  
Financial Manager  
**Uganda Electricity Generation Company, Uganda**



**François Nguyen**  
Senior Policy Advisor -  
Electricity Markets  
**International Energy Agency, France**



**Tu de L...**  
**et du...**

# speaker line up

## Setting Standards

# amazing keynotes

**Honourable Elizabeth Mphahlele**  
Minister of Energy  
Ministry of Energy, Water and Environmental Affairs, South Africa



**Honourable Simon Gyu D'ujanga**  
Minister of State for Energy  
Ministry of Energy and Mineral Development, Uganda



**Honourable Grain Wyson Malunga MP**  
Minister  
Ministry of Natural Resources, Energy and Environment, Malawi



**Christine Lins**  
Secretary General,  
European Renewable Energy Council, Belgium

Minister of Energy in South Africa. His mandate is to oversee the delivery of services for effectual energy access to ultimately drive economic growth and development.

Minister D'Ujanga is a member of Parliament in the 8th Parliament. He also serves as Minister of State for Energy. His duties include: Policy direction in the Energy Sector. He has also been involved in the supervision of the construction of many critical power projects.



**Prof Abubakar Sani Sambo**  
CEO, Energy Commission of Nigeria and Vice-Chair for Africa, World Energy Council, Nigeria



**"It has been excellent information for Africa. One of the best conferences I have ever been to."**

Robert Ferrier,  
Manager: Planning and Design,  
Buffalo City Municipality



**Matthews Mooketsane Bantsijang**  
Director: Electricity Policy Analysis and Regulation  
Department of Energy, South Africa



**Karen Breytenbach**  
Senior Project Advisor - Financial Analysis within PPP  
National Treasury, South Africa

## Hear from the best



**Othman Ben Arfa**  
CEO  
Société Tunisienne de l'Électricité et du Gaz (Steg), Tunisia



**Christopher Mubemba**  
Pre-paid Project Manager  
ZESCO, Zambia



**Sicelo Xulu**  
Acting Managing Director  
City Power: City of Johannesburg, South Africa



**Peter J. Neilson**  
Director: Energy / Electricity Projects  
Nelson Mandela Bay Municipality, South Africa



**Katai Kachasa**  
General Manager  
Lunsemfwa Hydro Power Company, Zambia



**Dr. Zuko Kubukeli**  
Principal  
Inspired Evolution Investment Management, South Africa



**Doug Kuni**  
General Manager,  
IPPA (Independent Power Producers Association), South Africa

DAY ONE Tuesday 29 March 2011



Clean Technology World Africa

07:30 Registration and refreshments

08:15 Chairperson's opening remarks

Vicky Basson, CEO, KZN Energy Services, South Africa

## Africa's clean energy vision

08:30 **International keynote address: Policy and implementation of renewable energy projects in Israel: a success story**

- How vigorous policies made renewable energy accessible and easy to implement in Israel
- How to identify renewable energy as an export growth sector
- Creating diverse platforms for Israeli companies to penetrate global markets
- What Africa can learn from Israel's success

Sharon Kedmi, Director General, Ministry of Industry and Trade of Israel

08:50 **Keynote address: Committing to Africa's clean tech vision**

- Establishing a clean technology fund to reduce carbons
- Ensuring a balanced approach to energy infrastructure
- Delivering large-scale energy capacity at an equitable cost

Honourable Elizabeth Dipuo Peters, Minister of Energy, Department of Energy, South Africa

09:10 **World leaders panel session: Changing the world's mindset on climate change and clean technologies**

- Achieving a firm policy framework for Africa
- Finalising the Copenhagen accord and other clean tech policies
- Who is taking centre stage in clean technology investment?
- Best practice from around the globe: advice for Africa's regions

Elizabeth Dipuo Peters, Minister of Energy, Department of Energy, South Africa

Sharon Kedmi, Director General, Ministry of Industry and Trade of Israel

François Nguyen, Senior Policy Advisor - Electricity Markets, International Energy Agency, France

Steve Sawyer, Secretary General, Global Wind Energy Council, Belgium

Representative, REEEP, Austria

Christine Lins, Secretary General, European Renewable Energy Council, Belgium

09:55 **Keynote address: Renewable energy market & policy development**

- Overview of global markets and future trends
- Understanding policies for renewable energy
- Benefits of renewable energy

Christine Lins, Secretary General, European Renewable Energy Council, Belgium

10:15 Presentation by Mainstream Renewable Power

Speaker to be announced, Mainstream, Renewable Power, South Africa

10:35 Presentation by IBM

Speaker to be announced, IBM, South Africa

11:00 Morning refreshments

## Investment and financing

11:30 **Panel session: Rewards and risk for Africa's clean tech funds**

- Requirements for accessing clean tech funds
- Advice for securing partnerships: what are the requirements?
- Regulatory policies in place currently and going forward?

Christopher Clarke, Director &amp; Principal, Inspired Evolution

**Investment Managers, South Africa**

Ulf Linders, Senior Investment Manager / Head of Infrastructure &amp; Power, Swedfund international, Sweden

Mark Davis, Investment Director, Norfund, Norway

Cyrille Arnould, Head of GEEREF, European Investment Bank, Luxembourg

Bernhard Westerouen van Meeteren, Senior Investment Officer: African region, The Netherlands Development Finance Company (FMO), The Netherlands

Emmanuel Nzabanita, Officer in Charge/Chief Power Engineer: Energy Division, East and South Regions, African Development Bank, Tunisia

12:15 **Panel session: Banking on cleantech's financial future**

- What's the required ROI for clean technology investments?
- Debt, equity, venture capital, private equity funds
- Preferences for cleantech finance and the requirements?

Alastair Campbell, Project Finance Director, Standard Bank South Africa

Erik Wandrag, Director, Capital5, South Africa

Omar Vajeth, Head of Power &amp; Energy, Absa Capital, South Africa

Andreas Ufer, Global Head Power, Renewables &amp; Water, KFW Development Bank, Germany

13:00 Networking luncheon sponsored by Solar World Africa 14:00 **The case for Development Finance Institutions (DFI) vs. private investment**

- Achieving a mix: private investment and government funding
- Mobilising finance for project development
- Developing a relationship between DFI's & utilities
- Implementing good regulatory and governance structures

Damien Navizet, Energy and Climate Change Investment Officer, French Development Agency, South Africa

## Regulation and incentives

14:20 **South Africa's REFIT programme - latest developments and the way forward**

- Update on latest developments
- Current status of programme and outstanding issues
- The way ahead

Scott Brodsky, Partner, Dewey &amp; LeBoeuf, South Africa

14:40 **Panel session: Navigating Africa's cleantech regulation**

- Government's commitment to standardising incentives
- Getting to grips with REFIT
- Framing regulation to ensure reduced carbon emissions

Honourable Simon Gyu D'ujanga, Minister of State for Energy, Ministry of Energy and Mineral Development, Uganda

Honourable Elton Mangoma, Minister, Ministry of Energy and Power Development, Zimbabwe

Godwin Ugah Unimke, Programme Director, Council for renewable Energy Nigeria

Yousuf Haffajee, Manager, Single buyer office, Eskom, South Africa

Karen Breytenbach, Senior Project Advisor - Financial Analysis within PPP, National Treasury, South Africa

Joanne Yawitch, Deputy Director General, Department of Environmental Affairs, South Africa

Honourable Grain Wyson Malunga, Minister, Ministry of Natural Resources, Energy and Environment, Malawi

15:30 Chairperson's closing remarks and close of plenary

## Renewable energy streams



## Clean Technology World Africa

## Solar stream

- 15:30 **Chairperson's opening remarks**  
**Thierry Lepercq**, President & Director General, **Solaire Direct**, France
- 15:45 **Keynote address: Illuminating the advantage of solar power - The Tunisian Mediterranean solar plan**  
 • Actioning a long-term strategic framework  
**Othman Ben Arfa**, CEO, **Société Tunisienne de L'Electricité et du Gaz (Steg)**, Tunisia
- KEY NOTE**
- 16:05 **Case study: Eskom's concentrated solar power plant**  
 • An overview of Eskom's solar research and strategy  
**Wendy Poulton**, General Manager Sustainability and Innovation, **Eskom**, South Africa
- 16:25 Afternoon refreshments & speed networking
- 17:00 **Panel session: Solars potential to meet the worlds energy needs**  
 • Best practice solutions for Africa  
**Wendy Poulton**, General Manager Sustainability and Innovation, **Eskom**, South Africa  
**Godwin Ugah Unimke**, Programme Director, **Council for Renewable Energy Nigeria**  
**Representative from REEEP**, Austria  
**Othman Ben Arfa**, CEO, **Société Tunisienne de L'Electricité et du Gaz (Steg)**, Tunisia  
**Wendy Poulton**, General Manager Sustainability and Innovation, **Eskom**, South Africa  
**Moderator: Christine Lins**, Secretary General, **European Renewable Energy Council**, Belgium
- 17:45 Closing remarks by chairperson and end of Clean Technology day

## Water &amp; Hydro stream

- 15:30 **Chairperson's opening remarks**
- 15:45 **Keynote address: Looking ahead to 2020 - hydropower as the leading power supply**  
 • Ascertaining the financial viability of your project  
 • Regulatory risks involved with Africa's hydropower  
 • Assessing the environmental impact for new projects  
**Dr. Latsoucabé Fall**, Regional Manager: Africa, **World Energy Council**, Senegal
- KEY NOTE**
- 16:05 **Water management sustainability to existing power plants**  
 • NOx reduction at Elektrownia Opole with ROFA and Rotamix  
 • The design and installation of systems  
 • CFD modeling and field results are compared  
**Brian Higgins**, VP of Technology, **Nalco Mobotec**, USA
- 16:25 Afternoon refreshments & speed networking
- 17:00 **Panel session: Hydro as Africa's competitive advantage**  
 • Governments role in encouraging new hydro projects  
 • Is pumped storage commercially viable in your region?  
 • Advice for developing small-hydro power  
**Omona Jimmy Collins**, Hydro Mechanical Specialist: Hydro Power Development Unit, **UEGCL**, **Ministry of Energy and Mineral Development**, Uganda  
**Babu Ram**, Chief Power Engineer, **African Development Bank**, South Africa  
**Dr. Latsoucabé Fall**, Regional Manager: Africa, **World Energy Council**, Senegal
- 17:45 Closing remarks by chairperson and end of Clean Technology day

## Wind stream

- 15:30 **Chairperson's opening remarks**
- 15:45 **Keynote address: Re-imagining Africa's wind atlas**  
 • Wind power: short term solution to alleviate strained power  
 • Driving wind energy competition through a coherent policies  
**Steve Sawyer**, Secretary General, **Global Wind Energy Council**, Belgium
- KEY NOTE**
- 16:05 **Presentation by GE Energy, South Africa**
- 16:25 Afternoon refreshments & speed networking
- 16:40 **Presentation by Vestas, South Africa**
- 17:00 **Panel session: The future of Africa's wind power projects**  
 • Current and future technologies utilized for wind power  
 • Setting a reliable target for wind energy development by 2020  
**Thomas Donnelly**, Associate Director, **Macquarie Capital**, & **Head, African Clean Energy Developments**, South Africa  
**Hamroun Adel**, Direction de l'équipement, **STEG**, Tunisia  
**Steve Sawyer**, Secretary General, **Global Wind Energy Council**, Belgium  
**Mark Tanton**, Deputy Chairman, **The South African Wind Energy Association (SAWEA)**, South Africa  
**Paul Eardley-Taylor**, Director: Investment Banking Coverage / Head: Energy, Utilities & Infrastructure - SA & Africa, **Standard Bank**, South Africa  
**Hermann Oelsner**, CEO, **Darling Wind Farm**, South Africa  
**Eng: Mohammed R.Zaroug**, Manager of CDM Unit: Planning and Studies Department, **Renewable Energy Authority of Libya (REAOL)**, Libya
- 17:45 Closing remarks by chairperson and end of Clean Technology day

## Geothermal stream

- 15:30 **Chairperson's opening remarks**
- 15:45 **Keynote address: Geothermal taking Africa by storm**  
 • The advantage of geothermal for economic development  
 • Accessing funds for project development  
 • Advice for African geothermal projects  
**Honourable Simon Giu D'ujanga**, Minister of State for Energy, **Ministry of Energy and Mineral Development**, Uganda
- KEY NOTE**
- 16:05 **Case study: Geothermal for the first continent – A case of enormous wealth**  
 • Resource development – Kenya's ambitious approach  
 • Financing – a conspicuously global endeavor  
 • Power plant selection and optimization for different resources  
**Kevin Wallace**, Senior Project Manager, **Manager Renewable Energy Market**, **Power Engineers**, South Africa
- 16:25 Afternoon refreshments & speed networking
- 17:00 **Panel session: Geothermals pull for the African market**  
 • Accessing the potential of Africa's geothermal sector  
 • Attracting investment into geothermal power development  
 • Is regulation halting geothermal's progress  
**Dr. Silas M. Simiyu**, CEO & MD, **Geothermal Development Company**, Kenya  
**Susan Kikwai**, Managing Director, **Kenyan Investment Authority**, Kenya  
**Honourable Simon Giu D'ujanga**, Minister of State for Energy, **Ministry of Energy and Mineral Development**, Uganda
- 17:45 Closing remarks by chairperson and end of Clean Technology day

DAY TWO Wednesday 30 March 2011



Power Generation World Africa

07:30 Registration and refreshments

08:15 **Chairperson's opening remarks**

Marc Goldstein, Energy Analyst, Frost &amp; Sullivan, South Africa

### Generating Africa's power future

08:20 **Opening keynote address: The global commitment to energy development**

- Crucial energy management strategies
- Steps for combining old and new technologies
- Identifying the investment needed for infrastructure gaps
- Identifying opportunities in Africa and tackling climate change

Honourable Simon Giu D'ujanga, Minister of State for Energy, Ministry of Energy and Mineral Development, Uganda

08:40 **Keynote address: Balancing South Africa's energy mix**

- Strategies for capacity development
- How Eskom secured their investment loan
- Managing Africa's energy mix with relevant legislation and policy
- Medupi update: fighting the deterioration of coal quality

Thava Govender, MD: Generation, Eskom, South Africa

09:00 **Power producers panel session: Africa's power shift - power producers speak out**

- How are power producers attracting investment & increasing capacity?
- The state of cross-border networks and power-sharing deals
- Overcoming regulatory restraints and slow implementation of government policies
- The impact of IPP's market penetration on power producers' performance
- Best practice and project success – examples from Africa for Africa

Titus K. Mbathi, Chairman, Kenya Electricity Generating Company Ltd, Kenya

Paulinus Shilamba, Managing Director, NamPower, Namibia

Julius Riungu, Chief Executive Officer, Tsavo Power Company, Kenya

Pius Gumbi, Chief Executive Officer, Swaziland Electricity Board, Swaziland

Othman Ben Arfa, Chief Executive Officer, Société Tunisienne de L'Electricité et du Gaz (Steg), Tunisia

François Nguyen, Senior Policy Advisor - Electricity Markets, International Energy Agency, France

09:40 **The benefits of networked indoor & outdoor lighting systems in a constrained energy supply environment**

- Lighting as an integral part of the smart grid
- Decreasing cost of components and rising energy costs
- Strong and increasing business need

Luc Escoute, Sales Director Energy Efficiency, EMEA, Philips Lighting B.V., The Netherlands

10:00 **Making the case for energy independence through energy efficiency**

- Moving away from fossil fuel reserves
- How energy efficiency plays an important role at the state and national levels
- How Wisconsin has been a leader in promoting energy efficiency
- Hurdles and challenges in developing a strong energy efficient programme

Eric Callisto, Chairperson, Public Service Commission of Wisconsin, USA

10:20 Morning refreshments and exhibition opening

11:15 **Keynote address: Energy poverty in Africa: challenges and the way forward**

- Overview of the energy sectors of Africa
- Major challenges to sustainable energy supply in Africa
- Making Africa's investment landscape more attractive
- Fast-forwarding Africa's commitment for energy integration, investment, and sustainability

Prof Abubakar Sani Sambo, CEO, Energy Commission of Nigeria and Vice-Chair for Africa, World Energy Council, Nigeria

11:35 **Presentation by GE Energy, South Africa**11:55 **Paving the way for 21st century sustainability - structured generation**

- The power evolution
- 21st century power solutions
- South African structured ingenuity

Des Muller, Head of Power Development &amp; Strategy Team, Group 5, South Africa

### Finance & investment

12:15 **CFO's Panel session: Utilities play by play of the investment chess board**

- Planned expenditure programmes and capital raising initiatives
- Strengthening relationships between investors and CFO's
- Ensuring commercial viability of projects and producing a stable ROI
- Aligning regulation, policies and investors' needs with the bottom line
- The CFO's role in securing energy supply

Moses Zulu, Financial Director, Zambia Electricity Supply Corporation (ZESCO), Zambia

Emmanuel Lubandi, Financial Manager, Uganda Electricity Generation Company, Uganda

Pius Apuye, Executive Director: Finance &amp; Administration, Power Holding Company of Nigeria

Andre Barlow, Head - Treasury &amp; Strategic Finance, NamPower, Namibia

12:55 Networking luncheon and exhibition viewing

14:15 **Panel session: Investigating Africa's investment landscape**

- Using private equity to get exposure to African markets: what is the ROI?
- What do investors consider in deploying investment funds to Africa?
- How to influence government in support of private investment
- Success secrets for tapping into bond markets
- Risks associated with Africa's investment landscape

Bernhard Westerouen van Meeteren, Senior Investment Officer for the African region, The Netherlands Development Finance Company (FMO)

Emmanuel Nzabanita, Officer in Charge/Chief Power Engineer: Energy Division, East and South Regions, African Development Bank, Tunisia

David Donaldson, Head: IFC InfraVentures – Sub-Saharan Africa, International Finance Corporation, South Africa

14:55 **Panel session: Accessing finance - formalising the requirements, blue prints and backing**

- Project finance – recent successes
- Advice for utilities partnering with capital expansion programmes

DAY TWO Wednesday 30 March 2011



Power Generation World Africa

- Steps for ensuring commercial viability of projects
- Mitigating risk for investors
- Criteria for attracting financiers

**Liliang Teng**, Chief Officer, **China Development Bank, South Africa**

**Yusuf Macun**, Director: Project Finance, **HSBC, United Kingdom**

**Omar Vajeth**, Head of Power & Energy, **Absa Capital, South Africa**

**Paula Kuhn**, Senior Manager: Power, Public Sector Infrastructure Advisory, **Standard Bank, South Africa**

**Andreas Ufer**, Global Head: Power, Renewables, Water, **KFW Development Bank, Germany**

15:30



Speed networking, afternoon refreshments and exhibition viewing

- Outlining the attraction for investors
- How to tap water resources in a water-starved Africa
- Getting around green-house gas footprints that shale gas leaves behind

**Chris Faulkner**, CEO, **Breitling Oil and Gas, USA**

**18:00** Chairperson's closing remarks and end of Power Generation day one

**18:30 Networking Cocktail**



Eat, drink and network...

Join us for an evening of networking, cocktails and snacks in the delegates lounge after the conference

## Regulation

**16:15 Regulatory spotlight: Towards a regulation masterplan**

- Closing critical legislative and regulatory gaps
- Regulatory frameworks required for an Independent Systems and Markets Operator
- Finalising the IRP2 – what is still required?
- Getting ahead of REFIT – update on IPP's
- Aligning regulation and government policies with investment

**Honourable Grain Wyson Malunga MP**, Minister, **Ministry of Natural Resources, Energy and Environment, Malawi**

**Honourable Elton Mangoma**, Minister, **Ministry of Energy and Power Development, Zimbabwe**

**François Nguyen**, Senior Policy Advisor: Electricity Markets, **International Energy Agency, France**

**Karen Breytenbach**, Senior Project Advisor: Financial Analysis within PPP, **National Treasury, South Africa**

**Dr Frank Sebbowa**, Chief Executive Officer, **Electricity Regulatory Authority of Uganda**

**Matthews Mooketsane Bantsijang**, Director: Electricity Policy Analysis and Regulation, **Department of Energy, South Africa**

## Nuclear

**17:00 Q & A: The business case for injecting nuclear into Africa's life blood**

- The status of nuclear roll-out in Africa
- Efforts at getting nuclear into the national power grid
- Nuclear: a viable mechanism for reducing greenhouse-gas emissions
- Getting governments support & ensuring the investment backbone

**Mr Gerard Wolf**, Senior Executive Vice-President, International Operations Division, **EDF, France**

**Professor Itumeleng Mosala**, Regional Vice President, **Westinghouse, South Africa**

**Latsoucabé Fall**, Regional Manager: Africa, **World Energy Council, Senegal**

## Natural & alternative gas development

**17:30 Case study: Shale Gas/Oil: The potential for extracting Shale Gas - opportunity for Africa**

- Is Shale Gas the next big thing?
- Overcoming potential risks

## Amazing Keynotes

Hear from the world's leading speakers!

**DAY TWO 08:20**

### The global commitment to energy development

**Honourable Simon Giu D'ujanga**  
Minister of State for Energy  
**Ministry of Energy and Mineral Development, Uganda**



Simon will be addressing how to identify opportunities in Africa and tackling climate change as well as discussing crucial energy management strategies for Africa's energy future

**DAY TWO 08:40**

### Balancing South Africa's energy mix

**Thava Govender**  
MD: Generation  
**Eskom, South Africa**



Thava will be discussing strategies for capacity development as well as managing Africa's energy mix with relevant legislation and policy

DAY THREE Thursday 31 March 2011



Power Generation World Africa

## 08:30 Chairperson's opening remarks

Marc Goldstein, Energy Analyst, Frost & Sullivan, South Africa

## Regional Updates

## 08:45 Regional panel session: Southern Africa's opportunity

- REFIT developments
- Which renewable projects are gaining momentum?
- Strategies for attracting private equity investments into the region
- The debate between low-carbon alternatives or affordable electricity for all
- How to move forward with no formal IRP2 policy

**Thava Govender**, MD: Generation, Eskom, South Africa

**Moses Zulu**, Financial Director, Zambia Electricity Supply Corporation (ZESCO), Zambia

**Dr Lawrence Musaba**, Coordinator Centre Manager, Southern African Power Pool, Zimbabwe

**Pius Gumbi**, Chief Executive Officer, Swaziland Electricity Board, Swaziland

**Paulinus Shilamba**, Managing Director, NamPower, Namibia

**Andre Barlow**, Head: Treasury & Strategic Finance, NamPower, Namibia

## 09:30 Regional panel session: Eastern Africa's energy framework

- Insight into governments' commitment to power generation
- How to attract investment for renewables other than hydro
- Energy-sharing deals and projects in place and the benefits
- Strategies in place for developing out-dated transmission lines
- Which funding model provides a better ROI?

**Titus K. Mbathi**, Chairman, Kenya Electricity Generating Company Ltd, Kenya

**Emmanuel Lubandi**, Financial Manager, Uganda Electricity Generation Company, Uganda

**Julius Riungu**, Chief Executive Officer, Tsavo Power Company, Kenya

**Jasper Odour**, Executive Secretary, East African Power Pool, Ethiopia

## 10:10 The energy mix of the future: from coal to biomass, wind and solar power

- Renewables as a future basis for electricity generation
- Smooth transition from coal to renewables
- Coal as a partner to develop into a renewable future
- Characteristics of different electricity generation methods
- Energy mix of the future

**Dr. Wolfgang A. Benesch**, Director: Energy Technologies, Evonik Energy Services GmbH, Germany

10:25 Morning refreshments and exhibition viewing

## Partnerships

## 11:10 Panel session: Addressing the primary driving forces for power pool development

- Getting ahead of the gap in transmission and infrastructure
- Steps in developing international electricity trade mechanisms
- Are power pools and power sharing deals Africa's main attraction for FDI?
- Accessing funds for large-scale power generation projects
- Focusing on the regional policy, legal, institutional and regulatory frameworks

**Jasper Odour**, Executive Secretary, East African Power Pool, Ethiopia

**Dr Lawrence Musaba**, Coordinator Centre Manager, Southern African Power Pool, Zimbabwe

**Bruno Kapandji Kalala**, Permanent Secretary, Central African Power Pool, Republic of Congo

## 11:55 Panel session: The potential for IPP's in Africa

- Opportunities for IPP's beyond slow IRP2 implementation
- Advice on how to secure project finance & reassure your investor
- How to identify potential partners for renewable projects
- Steps to speeding up authorisation of Power Purchase Agreements
- Which renewables provide a better ROI and eliminate risk

**Doug Kuni**, General Manager, IPPA (Independent Power Producers Association), South Africa

**Helen Tarnoy**, Founder, Commercial Director & Deputy Managing Director, Aldwych International Ltd. United Kingdom

**Mike Eyre**, Director, IPSA Group, United Kingdom

**Anton-Louis Olivier**, Managing Director, Nu-Planet, South Africa

**Hermann Oelsner**, CEO, Darling Wind Farm, South Africa

**Nunda Naidoo**, Director, Lesedi Biogas Project, South Africa

**Jeremie Bitanga**, Project Director, AES Sonel, Cameroon

## 12:40 Generating success from the World Cup

- Managing peak demand with additional short-term power
- Turn-key power solutions with seamless synchronisation to any African grid
- Fast-track reliable power – an important element of the energy mix for governments and utilities

**James Shepherd**, Managing Director, Southern Eastern Africa, Yemen and Pakistan, Aggreko, United Arab Emirates

13:00 Networking luncheon and exhibition viewing

## 14:30 Power generation options via reciprocating engines

- Barloworld Power CAT – one company, multiple solutions
- Power generation options via reciprocating engines
- Alternative fuels (Diesel – LFO & HFO, Gas – LNG, LPG, CMM, CBM, Biogas, Landfill)

**Warwick de Villiers**, Applications Manager, Barloworld Power, South Africa

## 14:50 Small-scale gas power generation - an attractive solution by MTU Onsite Energy

**Michael Baumann**, Managing Director, MTU, South Africa

15:10 Afternoon refreshments and exhibition viewing

## Customer perspectives

## 15:50 End-users panel session: The battle between the big players, growing competition, increased demand and shortages of supply

- Reducing reliance on utilities: progress of own-build programmes
- Dealing with the pricing issue
- Efficiencies utilised currently for reducing carbon emissions
- Balancing coal, nuclear and renewables between energy intensive users while keeping carbon emissions low

**Gerard van den Berg**, Group Energy Engineer, Angloplatinum, South Africa

**Thomas Garner**, Manager: Energy Growth, Exxaro, South Africa

**Sydney Zeederberg**, Energy Manager, Sasol, South Africa  
Representative from Anglo American, South Africa

DAY THREE Thursday 31 March 2011



Power Generation World Africa

**Regional reviews**

**16:30 Regional panel session: Northern & Western Africa**

- Advice for drawing investors attention to North Africa's hydro potential
- Current efforts for aligning governments and utilities
- Best practice from renewable energy projects
- How to strengthen ties for cross-border networks

**Othman Ben Arfa**, CEO, **Société Tunisienne de L'Electricité et du Gaz (Steg)**, Tunisia

**Pius Apuye**, Executive Director: Finance & Administration, **Power Holding Company of Nigeria**

**Bruno Kapandji Kalala**, Permanent Secretary, **Central African Power Pool**, Republic of Congo

**17:15** Chairperson's closing remarks and end of Power Generation day two

**19:00 The Africa Energy Awards** dinner at Sandton Sun (19:00 for 19:30)

Gala Dinner

# Africa Energy Awards

Rewarding excellence in Africa's power and electricity sector! Power & Electricity World Africa is proud to bring you the 4th Annual *Africa Energy Awards*.

Following on from the success of last year's event, the evening promises to be a night of glitz and glamour where we celebrate and acknowledge the movers and shakers in the African energy industry.

Join us on the evening of Thursday, 31 March 2011, at the Sandton Sun Hotel to be a part of this memorable experience. [www.terrapinn.com/2011/awardsza](http://www.terrapinn.com/2011/awardsza)



## Speaker highlights

Hear from the world's leading speakers!

**DAY THREE 11:10**

### Addressing the primary driving forces for power pool development

**Jasper Oduor**  
Executive Secretary  
**Eastern Africa Power Pool**, Ethiopia

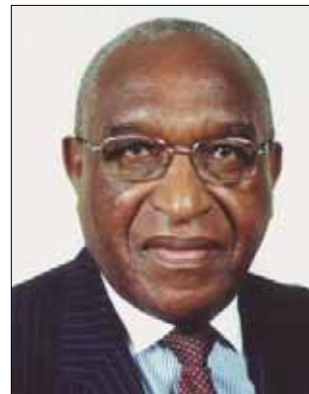


Jasper will be speaking about the steps required for developing international electricity trade mechanisms

**DAY THREE 09:30**

### Africa's power shift - power producers speak out

**Titus K. Mbathi**  
Chairman  
**Kenya Electricity Generating Company Ltd**, Kenya



Titus will discuss how power producers are attracting investment & increasing capacity

**DAY TWO 10:00**

### The case for energy independence through energy efficiency

**Eric Callsito**  
Chairperson  
**Public Service Commission of Wisconsin**, USA



Eric addresses the topic of how energy efficiency plays an important role at state and national levels

DAY FOUR Friday 1 April 2011



Smart Electricity World Africa

07:30 Registration and refreshments

08:15 **Chairperson's opening remarks**

**Silas Zimu**, Independent Consultant and Former MD, **City Power, South Africa**

## Africa's smart energy future

08:45 **African keynote: Africa's smart electricity potential**

- The role of the smart grid in dealing with Africa's maintenance backlog
- Securing investment for smart grid development
- Managing regulation effectively in smart grid implementation
- What Africa should know about smart grids
- Encouraging interconnections from neighbouring countries

**Michael Tarney**, Managing Director of Corporate Development, **Copperbelt Energy Corporation, Zambia**

09:00 **International keynote: The strategy behind one of the world's biggest smart grids**

- How to secure investment for your smart grid
- The advantages of smart grids for improving reliability
- Investing in infrastructure - capacity expansion projects
- How Africa can benefit from the development of a smart grid

**Robert P. Powers**, President, **American Electric Power Utility, USA**

09:30 **How to choose the right open architecture for smart grids**

- Future proof architecture
- All about the smart grid, not the metering
- Re-use of meter data in other applications
- Interoperability is a must but on what level to remain flexible?
- European trends and experiences

**Mark Ossel**, Vice President, **Echelon & Board Member, ESNA, The Netherlands**

10:00 **Presentation by IBM, South Africa**

10:25 Morning refreshments

11:00 **Smart grid roll out driven by consumer needs**

- Why smart grids?
- Solving a technical problem or serving your customers?
- Situation in Denmark: smart grid perspective from the authorities and utilities
- Smart metering and smart grid at SEAS-NVE (Danish utility)
- Lessons learned, by the utility and installer

**Gordon Petersen**, AMI Consultant, **Eltel Networks & Chairman, ESNA, The Netherlands**

## Partnerships

11:55 **Panel session: Integration into the grid – communicating, connecting, providing clear-cut coverage**

- The impact of power sharing deals on integration into the grid
- Dealing with issues such as grid stability and reliability, congestion management, transmission efficiency and adequacy
- Current standards and policy regarding integration of renewables
- Refurbishing your distribution network grid
- Opportunities of energy storage for Africa

**Peter J. Neilson**, Director: Energy / Electricity Projects, **Nelson Mandela Bay Municipality, South Africa**

**Dr. Pawan Singh**, Director: Finance, **Delhi Power Company & Delhi Transco Ltd., India**

**Robert P. Powers**, President, **American Electric Power Utilities, USA**

**Sicelo Xulu**, Acting Managing Director, **City Power: City of Johannesburg, South Africa**

## Money

12:15 **Financing the smart option**

- What is the required ROI for smart grid investments?
- The debt vs. equity debate
- Weighing the options for smart grid finance

**Dr. Pawan Singh**, Director: Finance, **Delhi Power Company & Delhi Transco Ltd., India**

12:45 Networking luncheon

## Smart metering

13:45 **Panel session: Advanced metering infrastructure**

- How will advanced metering infrastructure impact utilities
- The roll-out of smart meters in Africa – what's the process?
- Expansion programmes for existing structures

**Erica Johnson**, Chief Officer: Customer Network Business, **Eskom, South Africa**

**Sicelo Xulu**, Acting Managing Director, **City Power: City of Johannesburg, South Africa**

**Robert S. Ferrier**, Manager: Planning and Design, **Buffalo City Municipality, South Africa**

14:30 **Lessons learned in AMI: How to scale from pilot to roll out**

- European and Dutch legislation on AMI organisation
- Strategy and proven added value of smart meters
- The roll out; preparation, service and maintenance process
- Technology and innovation

**Richard de Vreis**, Manager: Advanced Metering Infrastructure, **Alliander, The Netherlands**

15:00 Afternoon refreshments and speed networking

15:30 **Case study: Johannesburg Water's prepaid metering project**

- Addressing high unaccounted water (UFW) Level
- Water infrastructure upgrades and sustainability
- Changing to water prepaid metering billing

**Enoc Mudau**, Senior Manager: New Service Development Division, **Johannesburg Water, South Africa**

## Demand-side management

16:00 **Panel session: Demand-side management vs. customer engagement: strengthening customer and system dynamics**

- Updating billing infrastructure
- Managing peak load from the supply side
- Pre-paid payment options on the cards
- Theft reducing technologies & rural electrification projects

**Erica Johnson**, Chief Officer: Customer Network Business, **Eskom, South Africa**

**Peter J. Neilson**, Director: Energy / Electricity Projects, **Nelson Mandela Bay Municipality, South Africa**

**Christopher Mubemba**, Pre-paid Project Manager, **Zambia Electricity Supply Corporation (ZESCO), Zambia**

**Robert S. Ferrier**, Manager: Planning and Design, **Buffalo City Municipality, South Africa**

**Mohammad Moazzem Hossain**, Operation Planning and Studies Department Manager, **Abu Dhabi Distribution Company, United Arab Emirates**

DAY FOUR Friday 1 April 2011



Smart Electricity World Africa

16:45 **Case study: Addressing the energy challenges through energy efficiency: the Eskom experience**

- What is the required ROI for smart grid investments?
- The debt vs. equity debate
- Weighing the options for smart grid finance

**Andrew Etzinger**, Senior General Manager: Integrated Demand Management, **Eskom, South Africa**

17:00 **The benefits of international experience in vacuum tap changer technology**

- Advantages of this technology
- Problems experienced in the international power supply systems
- Actions to resolve problems

**Sakkie van Wyk**, Technical Director: CED Prometheus, **Wilec, South Africa**

17:15 Chairperson's closing remarks and end of Smart Electricity conference day

## Rebirth of a Nation Tour (JHB City & Newtown)

HALF DAY TOUR R594pp

Daily departure from:

Sandton hotels (13h30)

Rosebank hotels (14h10)

Languages available English – German

### Highlights:

The historical buildings of downtown Johannesburg passing Hillbrow and the landmark Post Office lower en-route; the 'Top of Africa' at the Carlton Centre; the Brixton Tower; the affluent suburb of Houghton, the Supreme Court, 'Museum Africa' (time permitting), Africa's new Constitutional Court and site of Johannesburg's Old Fort Prison.

See back page for registration details or visit:

[www.terrapinn.com/2011/awardsza](http://www.terrapinn.com/2011/awardsza)

*\*\*Please note the above is subject to availability & change.*



## Speaker highlights

Hear from the world's leading speakers!

DAY FOUR 08:45

### Africa's smart electricity potential

#### Michael Tarney

Managing Director of Corporate Development  
**Copperbelt Energy Corporation, Zambia**



Michael explains the role of the smart grid in dealing with Africa's maintenance backlog

DAY FOUR 09:00

### The strategy behind one of the world's biggest smart grids

#### Robert P. Powers

President  
**American Electric Power Utility, USA**



Robert investigates the advantages of smart grids for improving grid reliability

DAY FOUR 13:45

### Advanced metering infrastructure

#### Erica Johnson

Chief Officer: Customer Network Business  
**Eskom, South Africa**



Erica looks at the roll-out of smart meters in Africa – what's the process?









# Africa energy Awards

The 4th Annual **Africa Energy Awards** will be given out during a glittering gala dinner, to be held on Thursday, **31st March 2011**. Join us at this prestigious event as we recognise and celebrate the leaders and innovators in Africa's energy sector.

We will be recognising the power & electricity industry's key players with the following awards:

- The Best Financial Support in the Power Industry
- Best Clean Technology Solution
- The Best Renewable Project in Africa
- The Best Rural Electrification Project
- The Most Innovative Co-generation Project
- Best Fast Track Power Project
- Best Demand Side Management Project
- The Best Leadership in Skills Development
- The most Influential Woman in Power
- Africa's Leading Energy Personality



#### Master of ceremony for the evening – Mark Pilgrim

Mark is one of South Africa's most recognisable radio and television personalities. He has spent over 15 years entertaining millions of listeners and viewers.

He started his radio career on 5fm, and now broadcasts simultaneously on 94.5 Kfm across the Cape and 94.7 Highveld Stereo in Johannesburg, South Africa.



#### How to enter the Awards

Entries for the Africa Energy Awards 2011 are now open and all industry players are welcome to participate.

It's so easy to enter. Just go to [www.terrapinn.com/2011/awardsza](http://www.terrapinn.com/2011/awardsza) for our online registration form. Follow the easy steps and fill out the form to ensure your entry.

Make your nominations - **enter today!**



## ENTER NOW!

[www.terrapinn.com/2011/awardsza](http://www.terrapinn.com/2011/awardsza)

**Deadline: 1 February 2011**

#### Sponsorship opportunities at the awards

Sponsorship of the Africa Energy Awards 2011 is the perfect way to associate your organisation and brand with excellence in the power sector.

The winners of the awards are the industry's most successful and innovative companies as well as its future stars. More importantly, they are your clients and prospects!

#### Awards can help to:

- Reinforce a corporate direction
- Recruit and retain talent
- Present a sales advantage
- Improve the bottom line

#### GET INVOLVED!

This is a great opportunity for you to reflect, recognise and honour the power industry players. For further information regarding judges, categories, nominees, sponsorships or any aspects of the awards, please visit [www.terrapinn.com/2011/awardsza](http://www.terrapinn.com/2011/awardsza) or contact Michelle Da Silva on Tel: +27 (0)11 516 4070 or email [michelle.dasilva@terrapinn.co.za](mailto:michelle.dasilva@terrapinn.co.za)

# Networking at the highest level

## An experience to remember!

Our events create the backdrop where ideas develop, new relationships are forged and inspiration grows. At all our networking functions you benefit from a fantastically informal atmosphere and a collection of industry personalities that invariably gets people talking.

This is no ordinary industry gathering! From cocktails, to coffee bars, masseuse right through to extraordinary attention to detail on every facet of the planning, Power & Electricity World Africa succeeds in creating a memorable experience for you.

## Be part of the Power & Electricity World Africa community in cyberspace

Keep in touch with the industry and get the latest information on the event by doing the following:

**Follow us on Twitter:** follow @PowerAfrica

**Join our Facebook group:**

<http://www.facebook.com/group.php?gid=122425064467357>

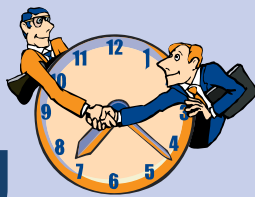
**Be apart of our linkedin group:**

<http://www.linkedin.com/groupRegistration?gid=2755205>

**And add your voice to our blog:** <http://blogs.terrapinn.com/power/>



## Business Matchmaking



Use our unique business-matchmaking services to boost your networking opportunities - the online networking tool for the event, ensures more of your time is spent in valuable conversations and meetings with the right people for your business.

- Use it to find other attendees who share the same interests as you and your organisations
- Search for individuals by industry or name
- Send and receive emails to those people you'd like to get in contact with
- Set up your onsite meetings
- Download presentations after the event

**Book before 18 February 2011 and save R3221**

See back page for registration form



# 11 exhibitions in 1

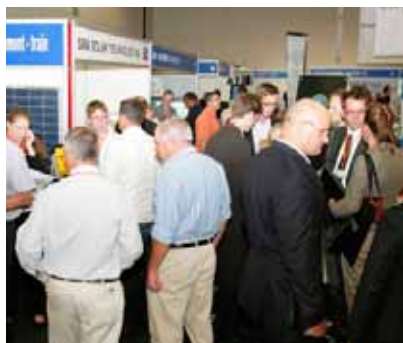
250 exhibiting companies, 2 floors



## Who should exhibit?

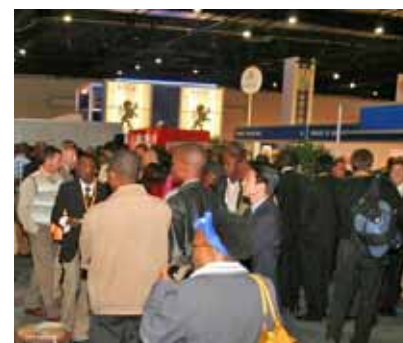
*Power & Electricity World Africa* is the largest energy trade show in Africa. Over 2000 participants annually. Take the opportunity to showcase your products to the right buyers.

- Original equipment manufacturer specifier
- Petrochemicals & gas
- Financiers & investors
- Utilities, power producers
- IPP industrial & cogeneration
- Consulting engineer or constructor firm
- Service & supply
- Legal and insurance
- Consultant



## Sponsor or Exhibit NOW

Call Sean Testa on +27 11 516 4048  
or email [sean.testa@terrapinn.co.za](mailto:sean.testa@terrapinn.co.za)



## Are you a large or small energy-user?

Reliable power that is affordable and efficient is essential to your survival.

We've lined up a group of leading suppliers that are sure to have something for you.

From power generation, transmission & distribution to efficient on-site solutions and the latest in renewable and smart technologies, Power & Electricity World Africa 2011, has all your solutions under one roof.

## Technical seminars

As many middle level management and **engineers** in this field would like to explore the latest energy technologies, the Power & Electricity World Africa exhibition features an on-floor symposium where the latest **technologies** and **solutions** are showcased.

Free technical seminars will feature presentations by some of Africa's and the world's foremost authorities on power generation, onsite power, smart electricity, clean technology, energy efficiency... and don't forget greenbuildings.

## Who will visit

- Facilities managers
- Municipalities
- Water utilities
- Mines
- Power generators & utilities
- IPP's
- Engineering companies
- Agriculture
- Hospitality & entertainment
- Petrochemical & manufacturing
- Medical & health facilities
- Architects & construction
- Property developers
- Retail, banks & shopping centres

# About our sponsors

## Platinum sponsor



We are the leading provider of lighting solutions and applications both for professional and consumer markets, transforming how lighting is used to enhance the human experience in the places where people live and work.

## Gold sponsor



Opportunities for Onsite Power in an African Environment and endless with the current power shortage and a need for power to sustain economic growth. Various sources of fuels and solutions utilising reciprocating engines are available in Africa for Standby, Prime, or Continuous power requirements.

## Gold sponsor



Dewey & LeBoeuf is a full-service global law firm providing clients both domestic and cross-border solutions. With more than 1,200 lawyers in 25 offices throughout 15 countries, Dewey & LeBoeuf provides counsel throughout the United States, Latin America, Europe, Russia/CIS, the Middle East, Asia and Africa.

## Gold sponsor



Exxaro is one of the largest South African-based diversified resources groups, with interests in the coal, mineral sands, base metals, industrial minerals and iron ore commodities. Exxaro's focus areas of coal and reductants, iron-ore, ferroalloys and energy balances the commodity and project portfolios and the company's longer-term growth aspirations.

## Gold sponsor



GE is a diversified global infrastructure, finance and media company that's built to meet essential world needs. From energy, water, transportation and health to access to money and information, GE serves customers in more than 100 countries and employs more than 300,000 people worldwide.

## Gold sponsor



## Gold sponsor



MTU Onsite Energy brings you extensive, intelligent, and innovative system solutions with diesel, gas, and fuel cell technology – for all applications to satisfy the widest variety of needs.

## Gold sponsor



Nalco is the world's largest sustainability services company focused on industrial water, energy and air applications. We help our customers reduce energy, water and other natural resource consumption, minimizing environmental releases while boosting the bottom line.

## Bronze sponsor



Smart solutions. Strong relationships.

CGI is a world leader in the design and manufacture of three-phase distribution & power transformers and integrated T&D solutions. CG also provides turnkey systems, such as AIS & GIS substations up to 500 kV, and mobile substations & transformers up to 245 kV. AIS & GIS switchgear up to 420 kV is also marketed and supported.

## Session sponsor



Group Five is an integrated construction services, materials and infrastructure investment group, with the Power Sector as one of its core focus areas.

## Becoming a sponsor or exhibitor

At a Terrapinn event you always deliver your message to the right audience. Not only that, but an audience whose brains are being stimulated by lively discussions and valuable insights. They'll be primed and ready to hear what you have to say.

### This is your opportunity to:

- Meet your target market
- Showcase your solutions to decision makers
- Expose your brand to a targeted market
- Grow your business

Just take a look at the calibre of speakers at Power & Electricity World Africa 2011. Attendees are senior directors and CEOs from across the power industry.

## Sponsor or Exhibit NOW

Call Sean Testa on +27 11 516 4048 or email [sean.testa@terrapinn.co.za](mailto:sean.testa@terrapinn.co.za)



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- Arup
- Ashok Leyland
- Autumn Star
- Barloworld Power: CATERPILLAR
- BASF
- Bikwe Energy
- Bosch Security Systems
- CG Power Systems (Crompton Greaves)
- China Pavilion
- Chopper Worx
- City Power
- Coolerdao
- Cummins Power Generation
- Danish Transformers
- Dewey & LeBoeuf
- Eaton
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- EMCO Edison Transformers
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- First National Battery Industrial
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- Opten
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- Power Vision Systems
- Powertech
- Pyramid Instrumentation
- Remex Engineering
- Remote Metering Solutions
- Revive Electrical Transformers
- SAEEC
- Salisbury by Honeywell
- Schmidt AG
- Schweitzer Engineering Laboratories
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- Solar World Africa
- Southern Mapping Company
- Surge Technology
- Sustainable Energy Society of Southern Africa (SESSA)
- The Fibreglass Shop
- Turbo Vent
- VPower Africa
- Westinghouse
- WILEC
- ZEST WEG Group
- ZEST Energy
- Vestas
- Power Engineers
- ITTZA
- KOTRA
- Exxaro
- Soyo Link Energy
- Trina Solar
- Bavarian Pavillion
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## Co-located events

## CPD points for SAICE members

**BioEnergy World**  
AFRICA 2011

30 – 31 March 2011, Sandton Convention Centre, Johannesburg

**BioEnergy World Africa** delves into the current state of Africa's current bioenergy market with a focus on bioenergy as a revenue source for Africa including developing sustainable and successful bioenergy projects

**Green BUILDINGS WORLD**

30 – 31 March 2011, Sandton Convention Centre, Johannesburg

**Greenbuildings World Africa** looks at the "how to" of the greenbuildings sector with a focus on ideas, technical solutions and innovation for green building development throughout Africa.



28 March – 1 April 2011, Sandton Convention Centre, Johannesburg, South Africa

**Use our online calculator at [www.terrappinn.com/powerafrica](http://www.terrappinn.com/powerafrica)**  
 You can use our online calculator to tailor your ticket and buy multiple tickets.  
 The calculator automatically selects the most favourable discount for you.  
**If you book and pay online you also get a further discount on each ticket.**

**Register now**

Package	Before 18 Feb 11	Before 10 Mar 11	After 10 Mar 11	How many	Calculate your ticket
<b>Platinum Pass (5 days)</b> <i>*Please indicated below which workshop you will be attending</i>	<b>R28 265 + VAT</b> = R32 222 <b>(Save R3 221)</b>	<b>R29 680 + VAT</b> = R33 835 <b>(Save R1 608)</b>	<b>R31 090 + VAT</b> = R35 443	<input type="checkbox"/>	
<b>Gold Pass (Any 4 days)</b> <i>*Please indicated below which days you will be attending</i>	<b>R22 875 + VAT</b> = R26 078 <b>(Save R2 610)</b>	<b>R24 020 + VAT</b> = R27 383 <b>(Save R1 305)</b>	<b>R25 165 + VAT</b> = R28 688	<input type="checkbox"/>	
<b>Silver Pass (Any 3 days)</b> <i>*Please indicated below which days you will be attending</i>	<b>R17 485 + VAT</b> = R19 933 <b>(Save R1 995)</b>	<b>R18 360 + VAT</b> = R20 930 <b>(Save R998)</b>	<b>R19 235 + VAT</b> = R21 928	<input type="checkbox"/>	
<b>Standard Pass (Any 2 days)</b> <i>2 Day Power &amp; Electricity Conference</i>	<b>R12 095 + VAT</b> = R13 788 <b>(Save R1 380)</b>	<b>R12 700 + VAT</b> = R14 478 <b>(Save R690)</b>	<b>R13 305 + VAT</b> = R15 168	<input type="checkbox"/>	
<b>1 Day Pass</b> <i>*Please indicated below which day you will be attending</i>	<b>R6 495 + VAT</b> = R7 404 <b>(Save R741)</b>	<b>R6 820 + VAT</b> = R7 775 <b>(Save R370)</b>	<b>R7 145 + VAT</b> = R8 145	<input type="checkbox"/>	
			<b>Total</b>		

All tickets include refreshments, lunch and full conference documentation. The fee does not include hotel accommodation. Please photocopy for group bookings.

**Municipalities register and pay only R2 495 for any 2 days!**

- Clean Technology Day (29 March)
- Power Generation 2 Day Conference (30-31 March)
- Smart Electricity Day (1 April)
- IPP Day (1 April)
- Gala Dinner (31 March)
- Workshop I (28 March)
- Workshop II (28 March)
- Workshop III (28 March)

Your voucher code

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Card holders name..... Card holders signature.....

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**Reference:** please quote 501218 and the delegate's name **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

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