

ENERGY 2010

solutions for africa

CONFERENCE & EXHIBITION

24 - 26 February 2010
Sandton Convention Centre, South Africa



CONFERENCE AGENDA

Solutions for a new energy future in Africa

CONFERENCE AGENDA
THEME: ENERGISING AFRICA

WEDNESDAY, FEBRUARY 24, 2010

7:30 am – 4:00 pm	Registration
8:30 am – 8:45 am	Welcome & Session Chairman
8:45 am – 9:30 am	Opening Plenary Session Keynote Address: Minister Elizabeth Dipuo Peters, South African Ministry of Energy (TBC) Topic: African ENERGY Outlook 2010
9:30 am - 10:00 am	Main Plenary 1 Access to Energy: Empowering Africa's Development The energy situation in Africa – current reality and future prospects
10:00 am – 10:15 am	Refreshment Break & Exhibition Visit
10:15 am – 12:30 am	Session 1: Global Energy Trends & the Impact on Africa Continental Policies and Regulations Energy investment in Africa: the enablers & obstacles from an Investor's perspective
12:30 pm – 1:30 pm	Lunch & Exhibition Visit
1:30 pm – 4:30 pm	Afternoon Breakaway Sessions
1:30 pm – 1:40 pm	Exhibits Open Welcome & Session Chairman

TRACK 1: INFRASTRUCTURE DEVELOPMENT

Session 2: The highs & lows of Africa's energy projects

A discussion around ENERGY infra-structure development projects that are happening or are planned in Africa.
 What are the key factors of their success?
 What obstacles were overcome and how?

- Projects to be discussed include:
1. The Zafarana Wind Project in Egypt
 2. The Zambia / Tanzania / Kenya Transmission Node
 3. The Southern African Power Pool
 4. The Lesotho Highlands Project

TRACK 2: HUMAN CAPITAL DEVELOPMENT

Session 3: Energy skills evolution for Africa

A discussion around how to ensure there are sufficient skills for the African energy sector including:

1. Formal education, including secondary & tertiary education
2. Professional self development & how to stay involved with the energy profession
3. Technology transfer & skills migration, including practical skills training and know how

2:45 pm – 3:00 pm **Refreshment Break & Exhibition Visit**

3:00 pm – 4:00 pm Panel debate on the projects

Panel debate on the issue of human capital development relative to the African energy industry

4:00 pm – 4:30 pm **Chairman Closing Remarks**

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THURSDAY, FEBRUARY 25, 2010

8:00 am – 8:30 am **Registration**

8:00 am – 9:05 am **Juice, Tea & Coffee**

8:30 am – 8:45 am **Chairman Welcome**

TRACK 3: ENERGY USE AND CARBON EFFICIENCY

Session 4: Energy Efficiency

The best value out for the least energy in: A session in which the various aspects of energy efficiency are discussed including:

- Efficient technologies
- Pricing signals
- Consumer education

TRACK 4: FINANCE, LEGAL & RISK

Session 5: Funding

A session in which the various aspects of funding are discussed:

- Sources of funds
- What makes a project bankable
- The different types of funding available
- The pros & cons of the different types of funding

TRACK 5: TECHNOLOGIES

Session 6: Doing the best with what we have

Exploiting and enhancing existing infrastructure & technologies.

A session on how to make the best use of the energy systems already in place and how to enhance their performance.

9:30 am – 10:00am **Breakfast, Networking & Exhibition Visit**

10:00 am – 12:30 am

Session 7: Climate Change & Sustainable Development

A session in which the various aspects of climate change and sustainable development are discussed including:

- The regulatory framework for a low carbon energy future
- The Clean Development Mechanism of the Kyoto Protocol
- The role of carbon credits in Africa

Session 8a: Legal

A session in which the various legal aspects of projects are discussed:

- Permits
- EPC contracts
- PPA Contracts
- O&M Contracts

Session 8b: Risk Management

A session in which the 23 areas of risk to consider when reviewing an energy project are discussed.

Session 9: Technologies

Towards a lower carbon future.

A session on global & innovative technology trends that could be implemented in Africa to reduce the carbon footprint:

- Nuclear
- Wind
- Solar
- Biofuels
- Hydrogen
- Gas
- Ocean [Wave] energy
- Carbon Capture

12:30 am – 1:30 pm **Lunch & Exhibition Visit**

1:30 pm – 3:00 pm

SESSION 10 - CASE STUDIES

Energy solutions in developing countries: Brazil, India, Russia, China

3:00 pm – 3.45 pm

Main Plenary 2

Energising Africa – The road ahead to achieve sustainable energy systems in Africa!

Chairman closes conference

3:45 pm – 4:30 pm

Tea / Coffee / Refreshment break / Exhibition visit