



## Programme

# Powering Africa: helping energy infrastructure investment deliver growth and connectivity

Wednesday 13 – Friday 15 April 2011 | WP1105

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### Supported by:

Foreign and Commonwealth Office (FCO), UK Trade and Investment (UKTI)  
Global Public Policy Institute (GPPI), Kreditanstalt für Wiederaufbau (KfW)

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The past decade has seen sustained growth across the African continent. Investment interest by the private sector is intensifying. However, an extensive lack of infrastructure, especially in the African power sector, poses significant barriers to strong, sustainable economic growth. While investment in generation, transmission and distribution infrastructure has increased, more than 600 million people in Sub-Saharan Africa remain without access to electricity, and the predominant use of biomass threatens their environment and health.

The transformation of Africa's energy infrastructure requires fresh thinking and greater coordination between business, official donors and African governments, particularly concerning the leverage of available financing sources for sustainable economic growth and promoting universal access. This residential conference aims to identify and facilitate such new ideas and areas for cooperation. It will convene, in a discreet, round table setting, some key policy makers in Africa and the donor communities with business leaders and experts on investment in Africa, infrastructure finance and promotion of access to energy.

This conference will focus on increasing opportunities for business by exploring strategies and tools to foster growth in infrastructure financing to sustain and broaden economic growth. It will identify mechanisms to harness public and private finance for infrastructure projects and access strategies, and mechanisms to make donor assistance and DFI engagement more effective. Participants will consider ways to engage new donors constructively to ensure the sustainability of African power sectors; and strategies to make donor assistance and DFI engagement more accessible. It will consider how the public and private sector can use the UN's International Year of Sustainable Energy for All in 2012 to help them develop Africa's power sectors and energy services to Africa's poor.

### Key objectives:

- To identify opportunities for business to work together with policy makers, governments and donors to make progress in infrastructure development
- To identify how business and government can use the UN's International Year of Sustainable Energy for All in 2012 to give a push to infrastructure development and in particular access to modern energy services for the continent's poor
- To understand how best infrastructure finance can ensure a sustainable and accessible energy mix, and to explore the role of conventional resources (coal, gas) in powering African economies
- To discuss the potential for regional and international cooperation and to consider how current political and financial initiatives can be scaled up for mutually beneficial results.

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## Wednesday 13 April

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1530 Participants arrive and tea available

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1615 Conference photograph

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### 1630-1715 **Welcome and introduction**

**Camilla Fenning**

Programme Director, Wilton Park, Steyning

**Jan Martin Witte**

Senior Project Manager, Kreditanstalt für Wiederaufbau (KfW) ; Fellow, Global Public Policy Institute (GPPI), Kampala

**Hazel Hector**

Deputy Director, International Directorate, UK Trade and Industry (UKTI), London

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### 1715-1830 **1. Leveraging business for infrastructure investment: promoting growth and access to energy**

What is the role of public and private infrastructure investment in providing access to energy? What is the political, economic and social context that businesses and donors need to take into account? What is the scale of investment needed in order to achieve universal access for all? What can those operating in Africa learn from infrastructure investment in other areas?

**Andrew Reicher**

Programme Manager, Private Infrastructure Development Group, Sutton

**Dipal Barua**

Founder and Chairman, Bright Green Energy Foundation (BGEF), Dhaka

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1900 Drinks reception followed by dinner

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## Thursday 14 April

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### 0915-1030 **2. State of play: key developments in power sector investment in Africa**

What is the relationship between power infrastructure and economic growth? What is the business case for infrastructure investment – both for donors and developing countries themselves? What is the current status of infrastructure and infrastructure financing in Africa? What are the key political-economic dynamics underpinning energy sectors and infrastructure financing in Africa? What different interests and variables have to be balanced by African governments and those seeking to invest?

**Moses Murengezi**

Advisor to the Permanent Secretary, Ministry of Energy and Mineral Development, Kampala

**Klaus Gihl**

Head of Division, Energy and Environment Sub-Sahara Africa, Kreditanstalt für Wiederaufbau (KfW), Frankfurt

**Mostefa Ouki**

Vice President, Energy Resources, Nexant Inc., London; Implementing Partner to USAID's Africa Infrastructure Program, London

**Karim Dahou**

Executive Manager, Africa Investment Initiative, Investment Division, Directorate for Financial and Enterprise Affairs, NEPAD-OECD, Paris

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1030-1100

Coffee

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1100-1215

### 3. Delivering access to sustainable energy: lessons learned, new ideas

Promoting access to modern energy services in developing countries is tough. What have been the key lessons learned by both business and government in efforts to promote especially rural electrification in African nations? What can development partners, DFIs and the private sector do to support universal access strategies in Africa? What is the potential of carbon finance in enabling energy sector investments in Africa, especially with regard to promoting access?

**Lutaf Kassam**

Group Managing Director, Industrial Promotion Services (Kenya) Ltd, Nairobi

**Godfrey Turyahikayo**

Executive Director, Rural Electrification Agency, Kampala

**Silvia Kreibiehl**

Vice President, Sustainable Investments, Deutsche Bank AG, Frankfurt

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1215-1315

### 4. Introduction to working groups sessions

#### i. Linking MFI/ DFI investment with access strategies: best practices and lessons learned

- What is the potential for linking universal access components to large-scale infrastructure investments facilitated by DFIs?
- What experiences have DFIs made with financing rural electrification projects? What are lessons learned and dos and don'ts?
- What is the potential of output-based aid approaches in promoting access?

**Eugene Howard**

Senior Economist, Energy Department, European Investment Bank, Luxembourg

**Bernhard Westerouen van Meeteren**

Energy Sector Specialist, FMO, The Hague

#### ii. Gauging the potential of public-private partnerships to close the financing gap in African infrastructure

- What have been experiences thus far with implementation of PPPs?
- What can be done to address some of the key challenges of PPPs (e.g. significant time and effort to put a PPP together, complex procedures, etc.)?

**James Demitrus**

Head, Project and Financial Analysis Unit, Ministry of Finance and Economic Planning, Accra

**Elsa Strydom**

Senior Project Advisor, Public Private Partnership Unit, National Treasury of South Africa, Pretoria

**Claudia Böing**

Vice President, Senior Investment Manager, Deutsche Investitions- und Entwicklungsgesellschaft (DEG), Köln

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1315-1500

Lunch

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1500-1600

### 5. Working groups

#### i. Linking MFI/ DFI investment with access strategies: best practices and lessons learned

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**ii. Gauging the potential of public-private partnerships to close the financing gap in African infrastructure**

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**1600-1630** Tea

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**1630-1730** **6. The state of regional power integration: prospects and challenges**

What is the significance of regional integration for efforts to promote universal access? What are the main initiatives for regional integration of power infrastructures in Africa? What are key challenges for upgrading regional integration? Are the necessary institutions in place to govern regional energy markets? What challenges and opportunities does regional integration bring for investors? Could mechanisms for exchanging lessons learned and best practice foster efforts to promote universal access?

**Moise Bucumi**

Minister, Ministry of Energy and Mines, Bujumbura

**Jan Martin Witte**

Senior Project Manager, Kreditanstalt für Wiederaufbau (KfW) ; Fellow, Global Public Policy Institute (GPPi), Kampala

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**1730-1845** **7. Towards a sustainable energy mix: balancing financial, technological and environmental considerations**

How can Africa's huge potential for renewable energy be harnessed to increase cost-effective generation capacity? What is the potential for British and other companies in this field? What role is coal likely to play in the future? What can be done to mitigate negative environmental impacts? Can the potential of solar energy be better leveraged, not just in powering Africa, but also for exporting electricity to Europe? What is the technological, financial and political feasibility of initiatives such as Desertec?

**Orli Arav**

Head, Project Finance, Frontier Markets Fund Managers; The Emerging Africa Infrastructure Fund, London

**Elin Rognlie**

Policy Director, Clean Energy, Ministry of Foreign Affairs, Oslo

**Andrew Reicher**

Programme Manager, Private Infrastructure Development Group, Sutton

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**1900** Drinks reception followed by conference dinner

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**Friday 15 April**

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**0800-0900** Breakfast

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**0900-1030** **8. Working groups with initial presentations**

**i. The role of the private sector in promoting universal access**

- What role can the private sector play in promoting universal access?
- How can commercial incentives for the private sector be aligned with the business realities of serving Africa's poor?

**Rachel English**

Founder, Helios Social Enterprise, London

**Linus Gwala**

Executive Manager, Corporate Services, CENORED, Otjiwarongo

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**ii. Small is beautiful: The role of mini-grids and other small-scale technologies in delivering access**

- What alternatives are there to grid-based power systems, and how much potential do they hold in providing people with access to modern energy services?
- What are working business models to make community-level schemes successful and sustainable?

**Carsten Hellpap**

Programme Manager, GIZ; Director, Dutch-German Partnership Programme Energising Development (EnDev), Eschborn

**Ben Good**

Chief Executive Officer, Global Village Energy Partnership, London

**Neil Jeffery**

Chief Executive Officer, Renewable World, Brighton

**Andreas Spiess**

Founder, SOLARKIOSK, Berlin

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**1030-1100**

Coffee

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**1100-1130**

**9. Report back from working groups**

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**1130-1230**

**10. The way forward: connecting stakeholders to connect Africa**

Significant political and business commitments have been made in recent years to support investment into African power infrastructure. Leading up to the 2012 International Year for Sustainable Energy for All, what needs to be done by key stakeholders – and how - to ensure that these investments translate into connectivity for Africa's poor?

**Mark Davis**

Investment Director, Norfund, Oslo

**Klaus Gühr**

Head of Division, Energy and Environment Sub-Saharan Africa, Kreditanstalt für Wiederaufbau (KfW), Frankfurt

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**1230-1300**

**11. Wrap up and key messages**

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Lunch

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**1415**

Participants depart