

Presenter bio

- Dr Ivan (37 years) is a PhD holder in Industrial Chemistry and Catalysis from the University of Science and Technology in Lille -France and has 2 Master's Degrees, one in Physico-Chemistry and another one in Pharmacy (drug design).
- Dr Ivan is the Executive Director of Rwanda Investment Group Ltd (Energy/Cement), and he managed key companies in private sector: Managing Director of Ngali Institute (projects incubator/engineering reference), CEO of RIG; Managing Director of Rwanda Energy Company Ltd (methane gas extraction, peat mining).
- Dr Ivan is the Chairman of Energy Sector Skills Council, Non Executive Director of Cimerwa (cement business), Chairman of Energy Private Developers (EPD) and Chairman of the Chamber of Industry.



RWANDA Fast Facts

- Size: 26,338 sq.km
- GDP Growth: 8%
 (2012)
- GDP per capita:\$650
- Population:
 M
- Languages:
 - English

10,5

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🗆 Swahili

French

1/1

1. Rwanda is growing fast:

RWANDA

- Sustained average GDP growth rate of 8% p.a.
- Among top 25 fastest growing economies in the world
- One of five hottest countries for investment

2. Untapped business opportunities in:

- Knowledge based sectors of ICT, BPO & Financial services
- Real estate & construction
- Energy

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RWANDA

Top Reformer

Top Business

- 1st Best gibbal reformer (Doing Business Report 2014)
- Most competitive place to do business in East Africa and
 2nd in Africa (Doing Business Report 2014)
- 32nd out of 189 countries (Doing Business Report 2014)
- Country credit rating upgraded to a "B" with a positive outlook by Fitch ratings
- 8th in Registering property (Doing Business Report 2014)
- 22nd in Protecting Investors (Doing Business Report 2014)

13th in Getting Credit (Doing Business Report 2014)

The Way Ahead, ENERGY

RWANDA



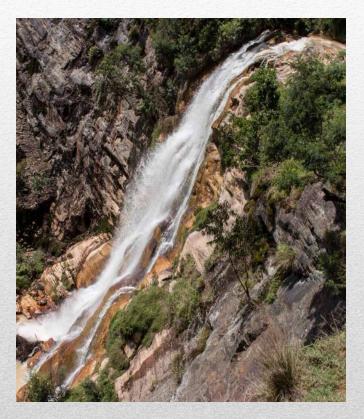
Energy generation capacity of 11 MW

- Power generation set to grow to 563
 MW by 2017 and over 1000 MW by
 2020
- Connectivity rate from 16% to 75%
 Opportunities in:
- Methane gas
- Geothermal (4 Sites)
- Micro Hydropower (333+

sites)

- Solar power
- Peat to nower deperation

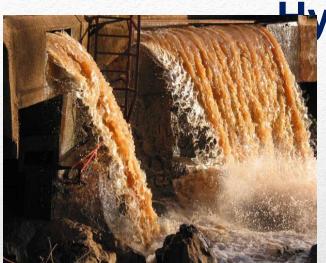
Energy Micro Hydropower among Which 21 totaling 20.9 MW are



being constructed, 20 other mini-hydro projects totaling 9 MW expected for 2014-15.

- 2 solutions: On-grid near the transmission lines, off-grid for villages (imidugudu) in remote areas.
- Mini and Micro Hydro considered in a large program for Rural Electrification using Renewable Energy Resources

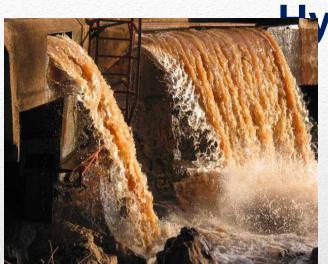
(hydro, solar home systems, off-grid





Energy – Micro

Government of Rwanda created an enabling environment for renewable electricity power generation (Feed In Tariff); established a guaranteed price for electricity generated from renewable for a fixed time that provides a stable income stream and adequate return on investment; provide access to the grid and an obligation to purchase power generated.





Energy – Micro Vdropower • With a such good business

- environment, the Private Sector plays and will play an important role in the implantation of the Rural electrification.
- Challenges: access to early-stage financing for local private investor, lack of technical skills on the local market, the end beneficiary of the carbon credits Government versus Private Investor.

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