



Infrastructure Side of Oil & Gas in Africa

TransCentury

Transport



Locomotives



Fuel Tankers



Power



Electrical Cables



Transformers



Engineering

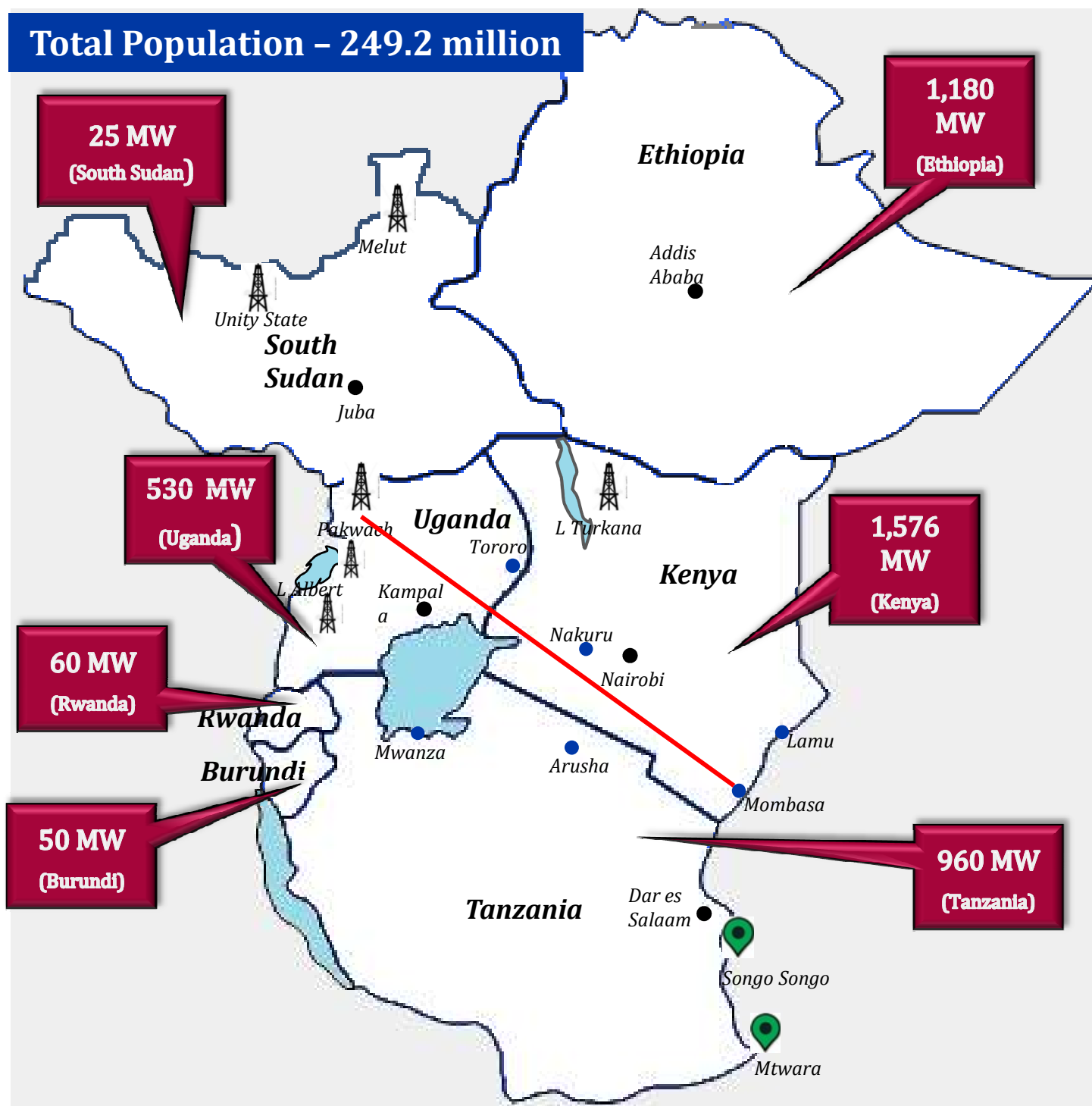


Mechanical/Civil Eng.



Tank Farms

Total Population – 249.2 million

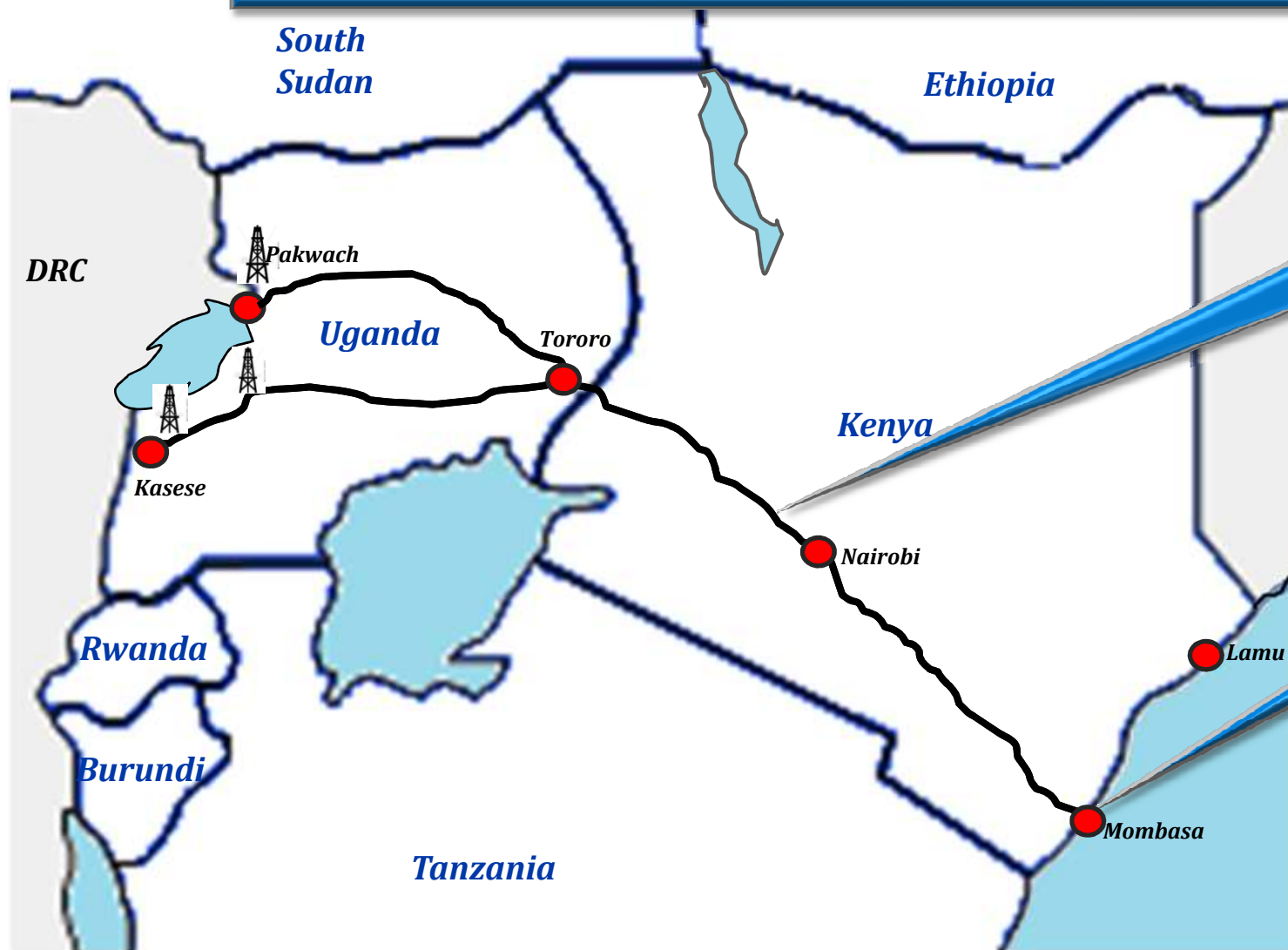


Population Breakdown	
Country	Millions
Ethiopia	93.8
Tanzania	43.6
Kenya	43.0
Uganda	35.9
Rwanda	11.7
South Sudan	10.6
Burundi	10.6

Key	
	Selected Oil Fields/Finds
	Selected Gas Fields/Finds
	Installed Capacity
	1,163 km - Mombasa to Pakwach

...will require an improved transport corridor...

USD 300 million capex invested towards turn-around initiative



**~2,800 km of track
~100 locomotives
~4,000 wagons**

**19.6 million tonnes of cargo at port
10% moved on rail**

Partners



— Rail Network **Oil Fields**

...to overcome existing logistical challenges to NW Uganda

The Transport Infrastructure Scenario at Present

Mombasa Port, Kenya



Trucks Queuing at Gilgil



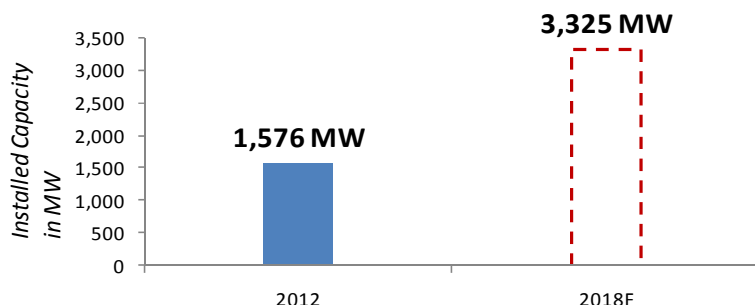
POWER IS ALSO A MAJOR BOTTLENECK ACROSS AFRICA...

...which requires significant capacity increases



Kenya

Power generation



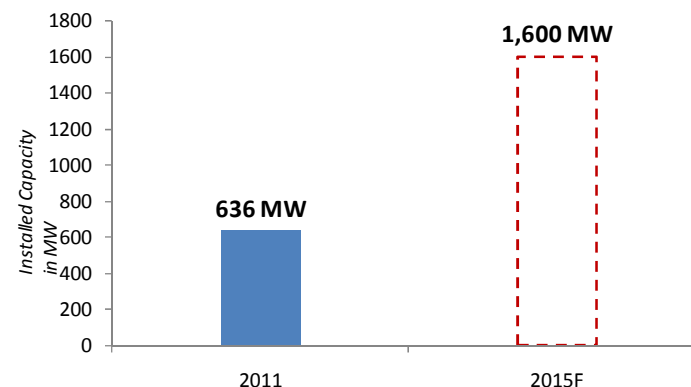
Connections

- **1.46 million** in 2010 with a 5 year plan to increase by **200,000** annually



Tanzania

Power generation



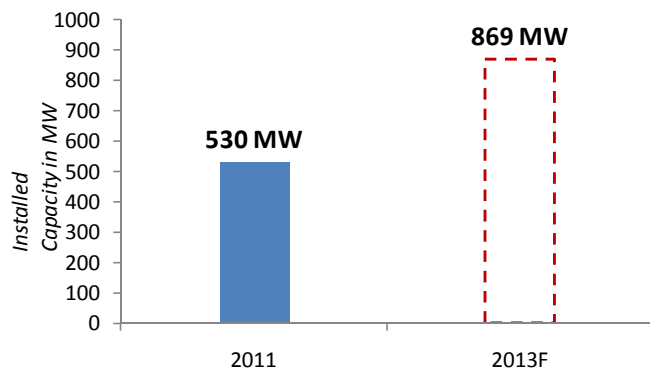
Connections

- Increase to planned **1.2 million** by 2012 and to **1.6 million** thereafter



Uganda

Power generation



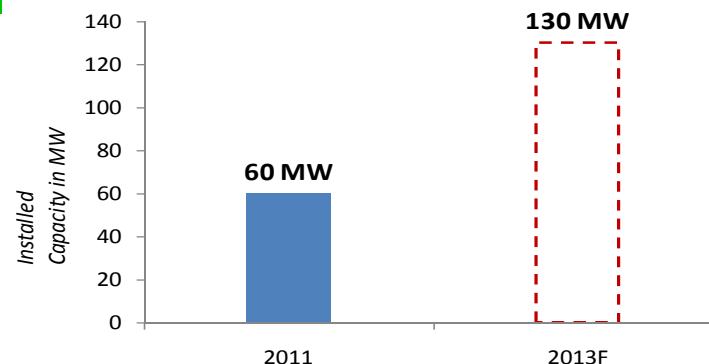
Connections

- Creation of Umeme Ltd, a regulated distribution company with a **20yr concession** charged with growing connections currently at **300,000 connections**



Rwanda

Power generation



Connections

- Planned increase from **0.11 million** in 2008 and to **0.35 million** by 2012

Engineering Capacity for Infrastructure/Oil & Gas Projects

Mechanical Engineering



Logistics



Civil Engineering



Craneage & Erection





Transport Opportunity

- Rail cargo for the development phase
- Rail transport for intermediate oil cargo
- Port terminals
- Toll roads



Power Opportunity

- Power generation
- Power transmission & distribution



Engineering Opportunity

- Turnkey projects for:
 - Infrastructure
 - Oil & Gas
 - Mining

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