

# Policies Shaping Power Africa

## Perspectives on Energy Policy for the Developed and Developing World

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July 31, 2014



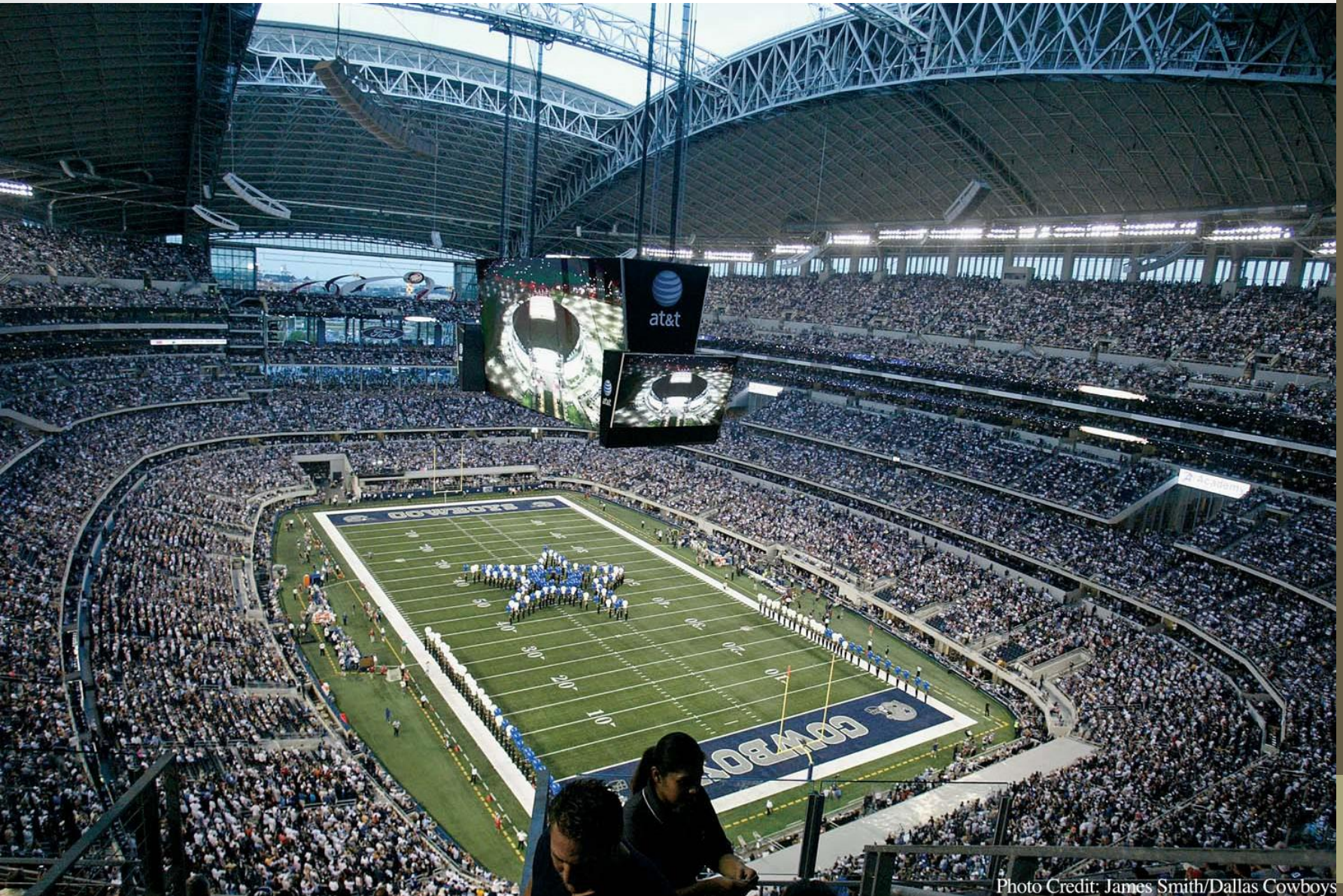
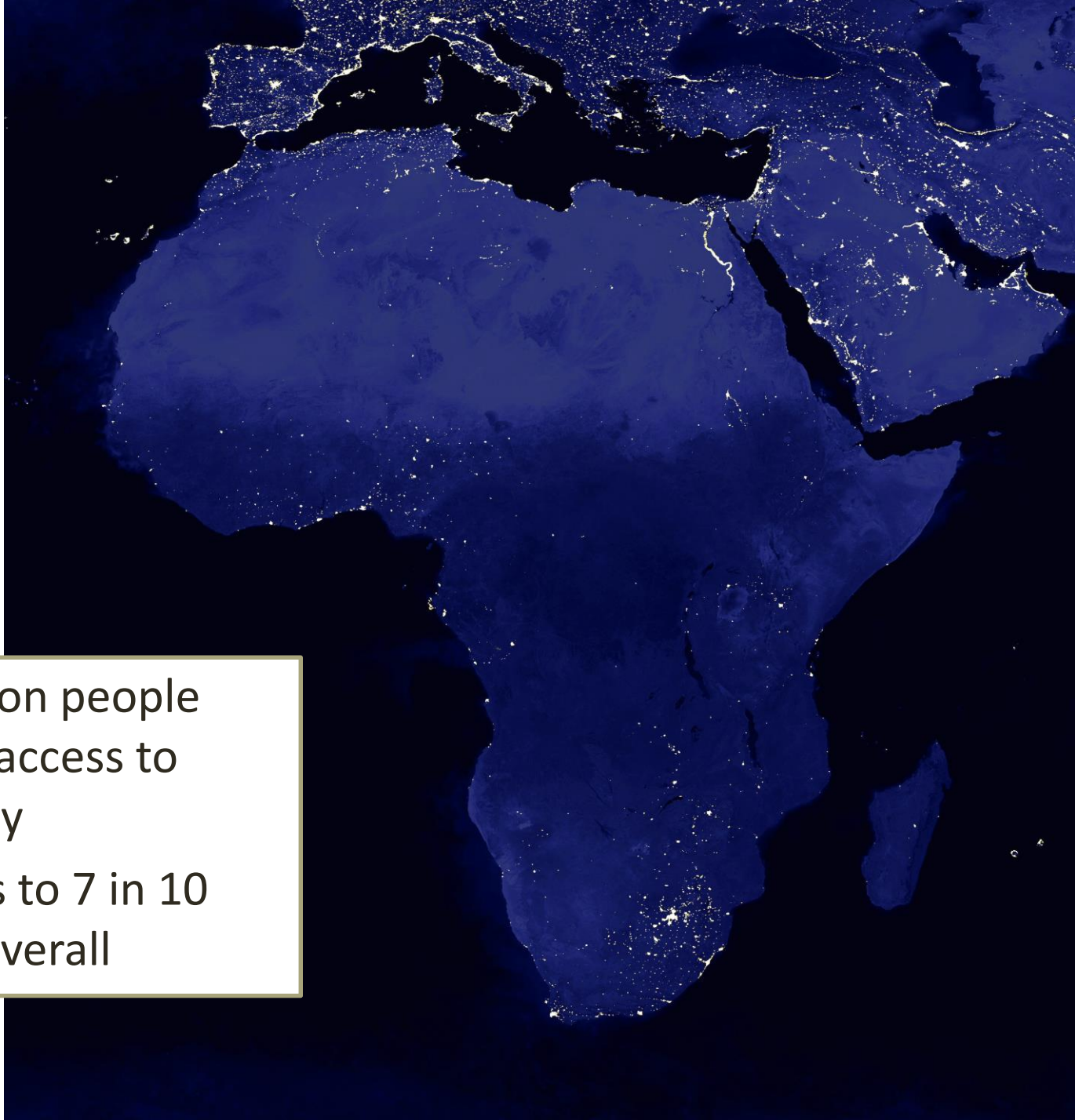


Photo Credit: James Smith/Dallas Cowboys

[ 2 ]

See [1, 2]

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- 600 million people without access to electricity
  - Amounts to 7 in 10 people overall

# Power Africa

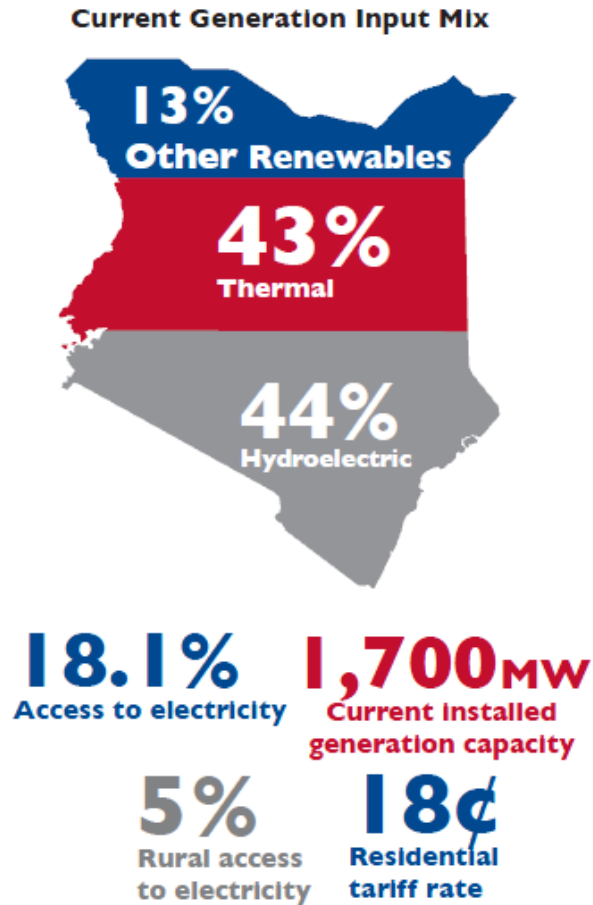
- Presidential initiative started in June 2013
  - 10,000 MW, 20 million people by 2018
  - \$7 billion in government funding, \$9 billion in private sector commitments
- Coordinated by USAID with support from:
  - **Overseas Private Investment Corporation (OPIC)**
  - **Export-Import Bank**
  - Millennium Challenge Corporation
  - Trade & Development Agency
  - US African Development Foundation



# Power Africa Partners

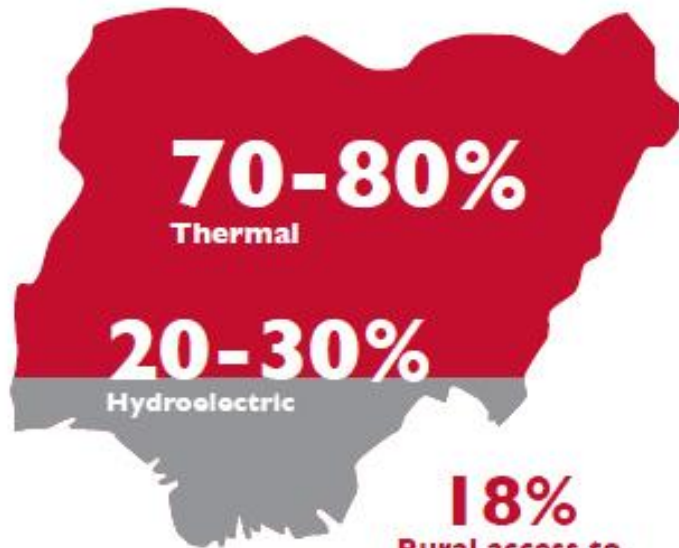
# Kenya

- Reforms began in 1996
- Focus on developing geothermal resources
- Policies for small power producers
- Lake Turkana



# Nigeria

## Current Generation Input Mix



**40-51%**  
Access to  
electricity

**6,000 MW**  
Current Installed  
generation capacity

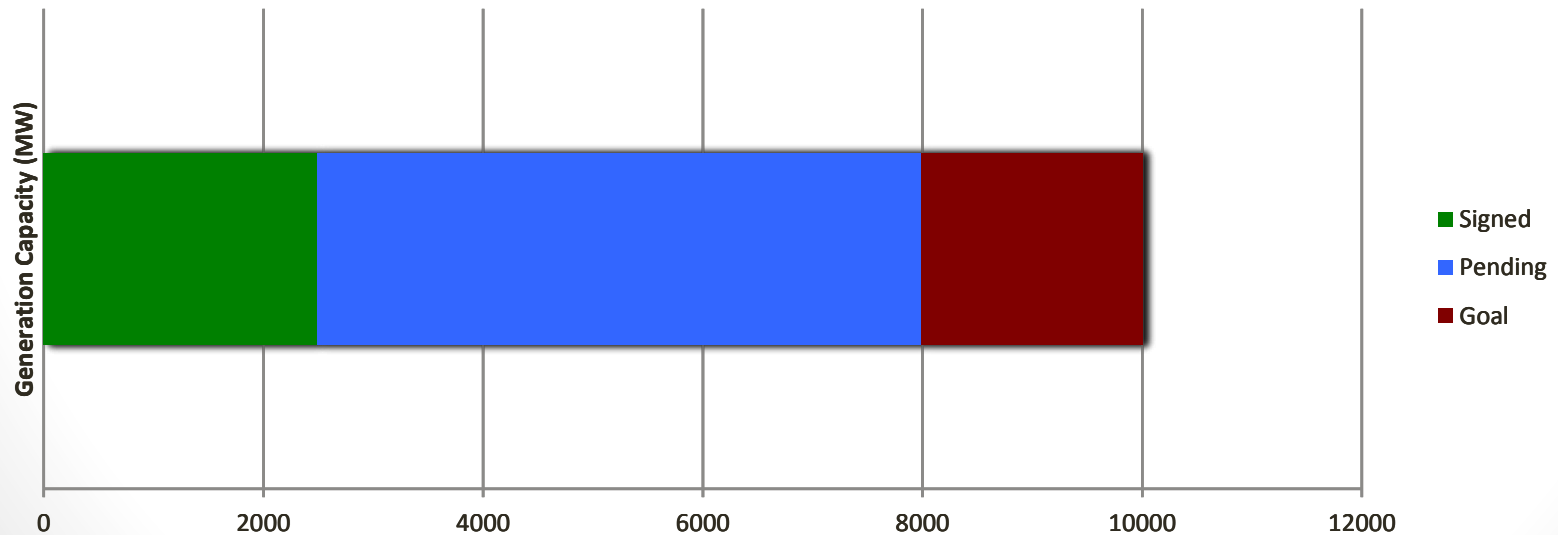
**18%**  
Rural access to  
electricity

**N13.25**  
Residential  
tariff rate

- Reforms began in 2005
- Abundant petroleum and gas resources
- National Integrated Power Project

# Power Africa

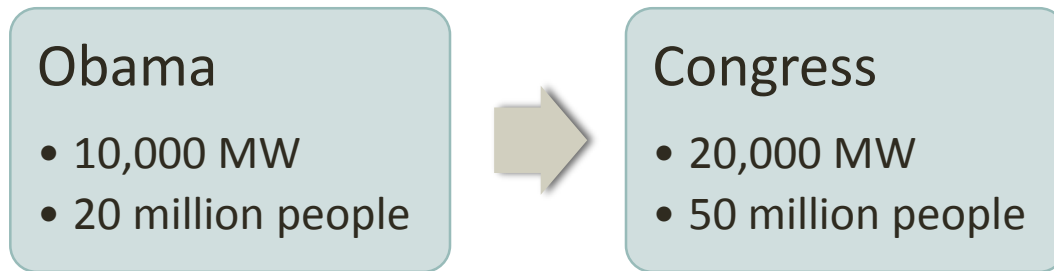
- June 2014: Beyond the Grid
  - Announced by Secretary Moniz
  - Additional \$1 billion in private funding
- Progress on original commitments:
  - Original goal: 10,000 MW





# Recommendations

- Legislative Action
  - Passing some form of Energize/Electrify Africa Act
    - Extends program through 2020



- Reauthorizes OPIC
  - Should also request clarification regarding US business engagement
- Reauthorize Ex-Im
- Creation of Power Africa Project Database
- Create Power Africa Committee by Executive Order

# Recommendations

- Legislative Action
- Creation of Power Africa Project Database
  - Include additional metrics
    - Project location
    - Technology used
    - Number of people impacted
    - Generation capacity
- Create Power Africa Committee by Executive Order

# Recommendations

- Legislative Action
- Creation of Power Africa Project Database
- Create Power Africa Committee by Executive Order
  - Only used without other Congressional action
  - Could be re-chartered by next administration

# Recommendations

- Legislative Action
- Creation of Power Africa Project Database
- Create Power Africa Committee by Executive Order

Questions?

# References

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