

# Addressing Africa's Infrastructure Crisis

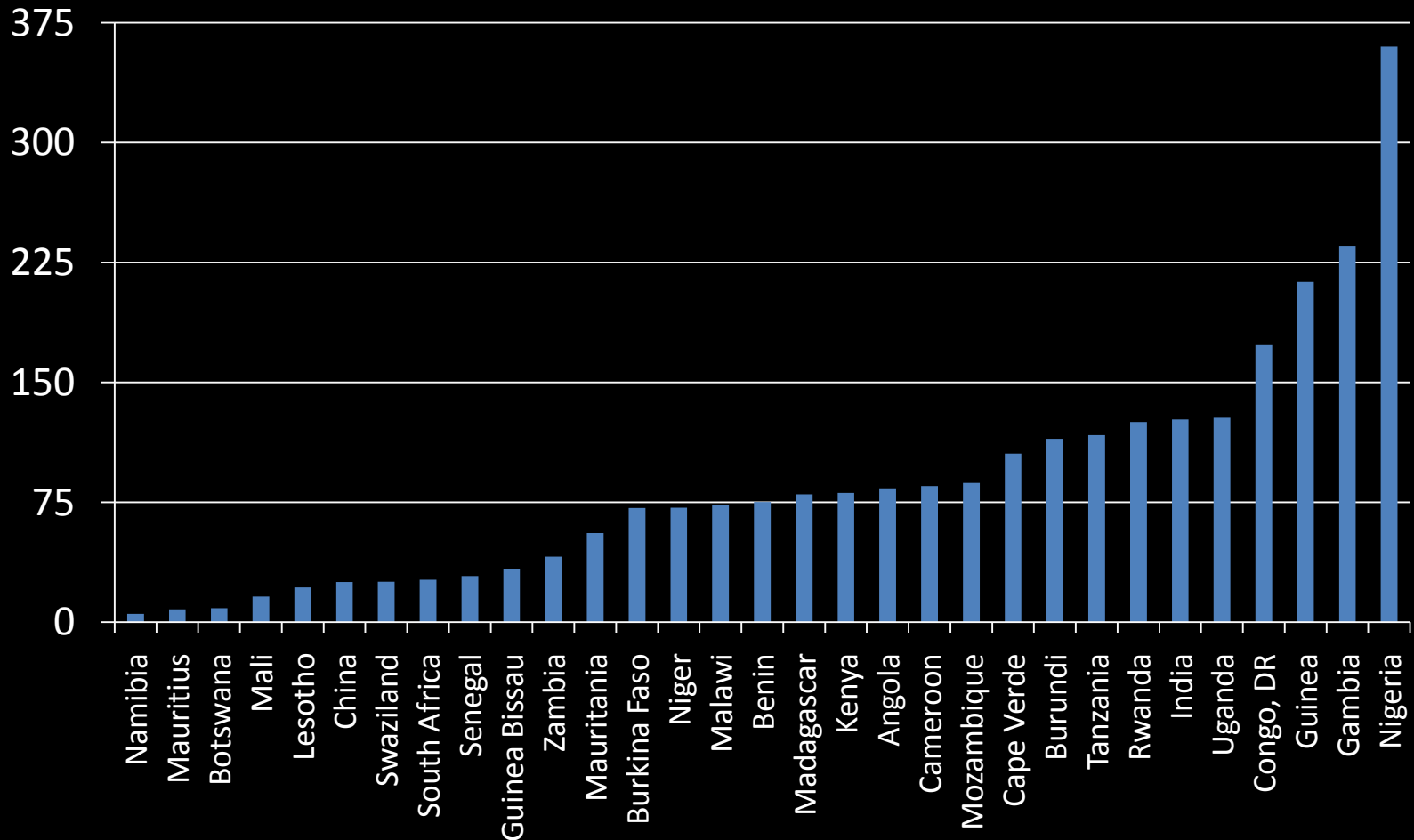
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# Most countries in Africa have very unreliable power supplies

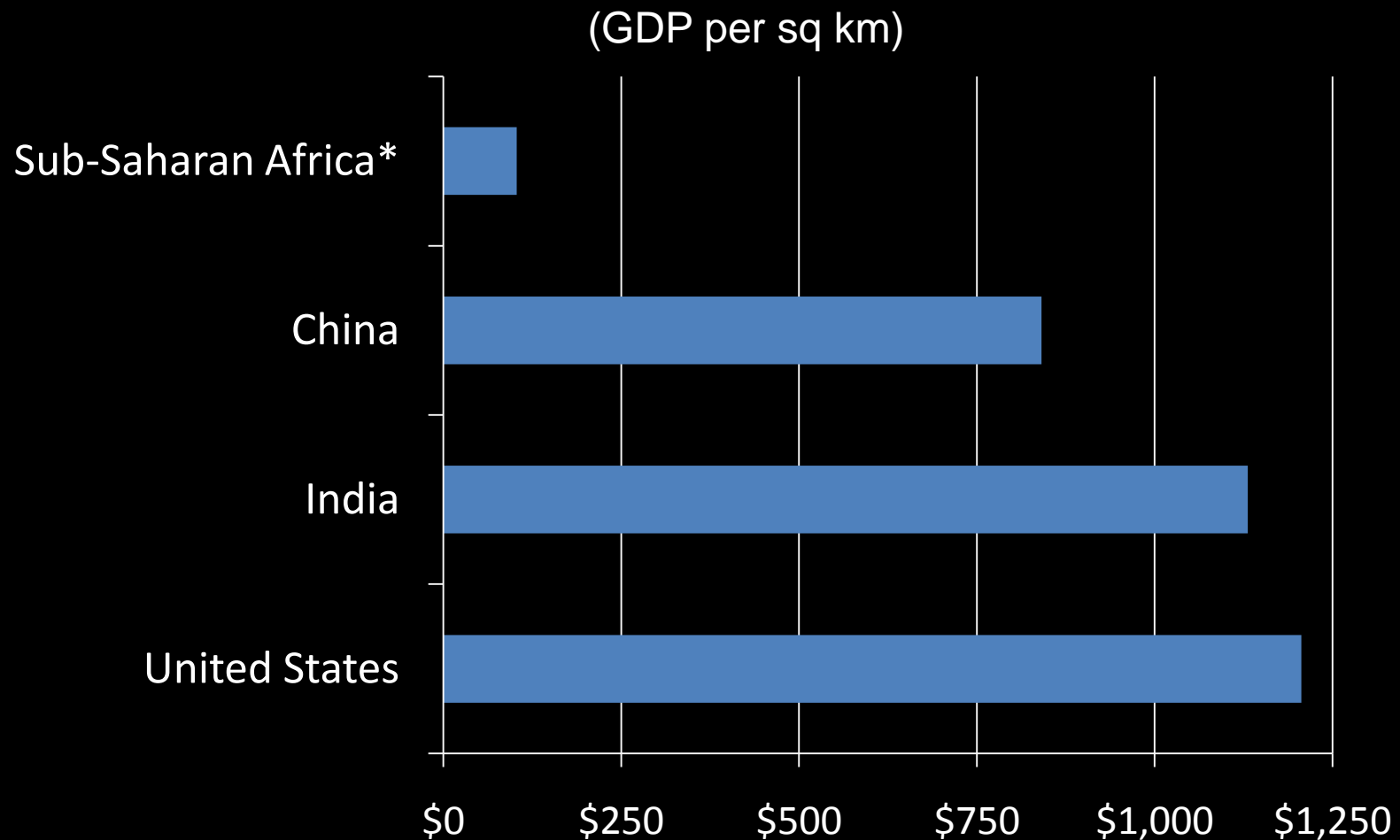
(days with outages each year)





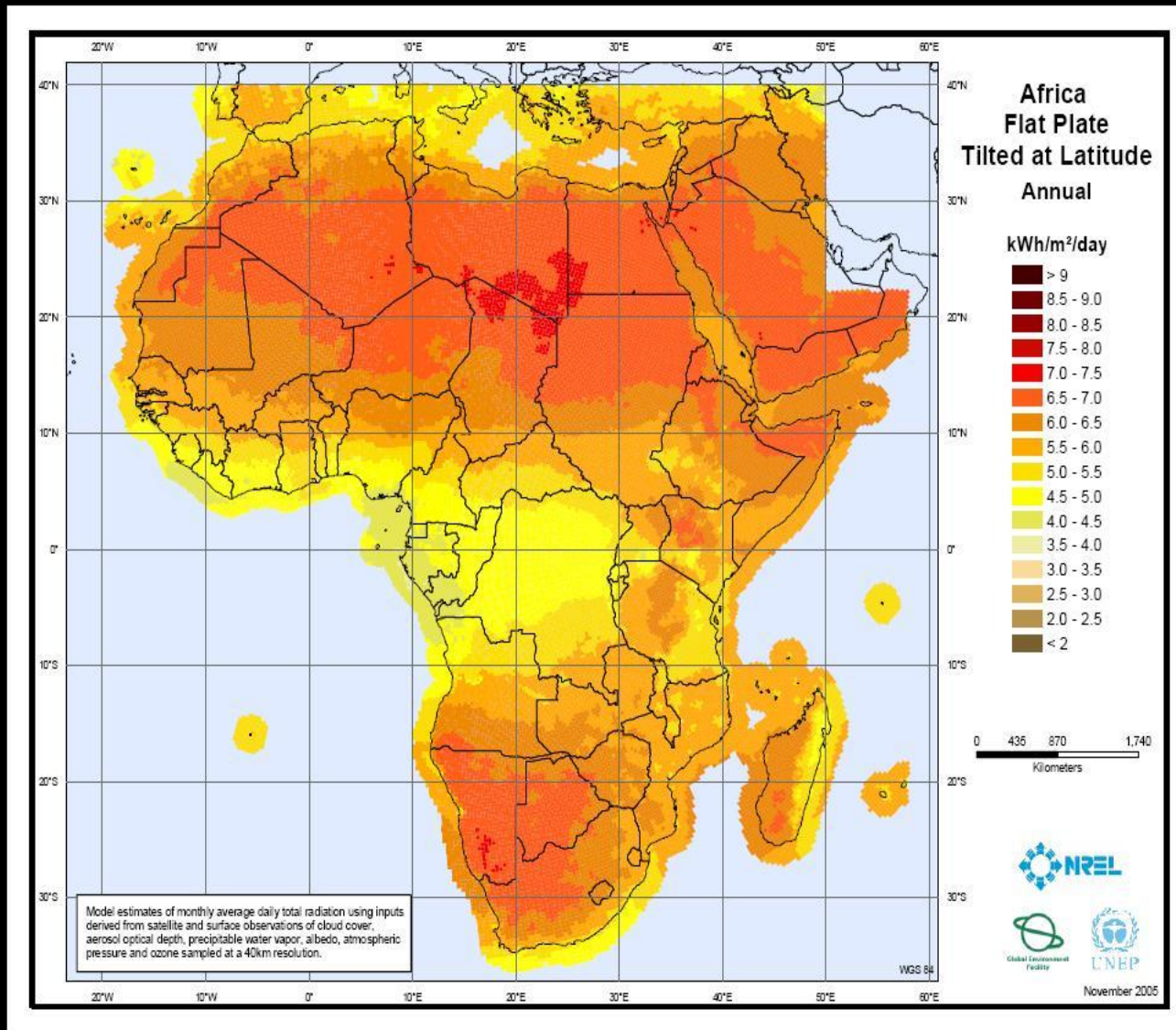
In 2007, the Kenyan gov't requested the manufacturers association to move production to a night shift

# Africa has low population and economic density



\* Does not include Cape Verde (\$649) or Mauritius (\$6928)

# Africa has highest levels of solar radiation in the world



Source:  
SWERA/United Nations



- Low economic density makes off-grid electricity attractive
- Venture capital flowing to solar in the United States
- Rapid technology transfer to Africa is essential and feasible

# Addressing Africa's infrastructure crisis

- OPIC (and equivalents) can set up a Clean Infrastructure Fund for Africa (possibly along the lines of the existing Catalyst Private Equity Fund for water and clean energy for Middle East/North Africa) to underwrite private investment
- We must focus on the transfer of cost-saving innovations in renewable energy to Africa—off grid options are better for low density economies.
- Prioritize the funding of *regional* infrastructure projects in the multilateral banks (use the new regional component of IDA) to build roads and power projects.

# AFRICA'S PRIVATE SECTOR

*What's Wrong with the Business  
Environment and What to Do About It*



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