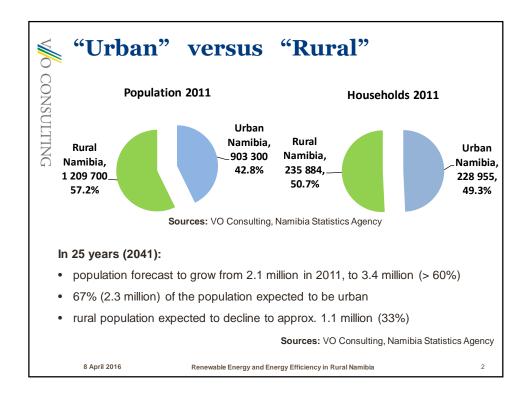
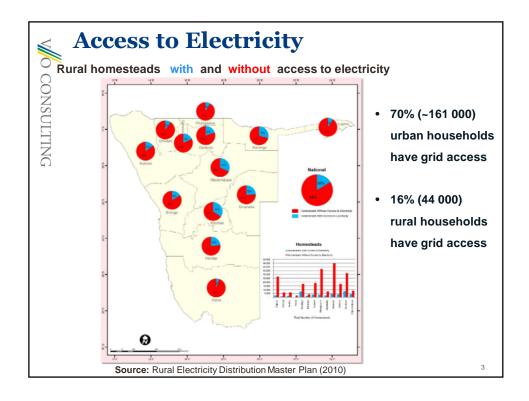
Renewable Energy & Energy Efficiency in Rural Namibia

Namibia's Energy Challenges - A Treasure Box of Opportunities

Konrad Adenauer Stiftung Windhoek, Namibia 8 April 2016 Dr Detlof von Oertzen
VO CONSULTING







Access to Modern Energy Services

- Development hinges on having access to affordable energy.
- Energy access improves lives & enables people to reduce poverty.
- Our development endeavours must create access to modern energy.

Not only for the urban populations, but for all.

Namibia's Rural Electricity Distribution Master Plan (2010) envisages:

- Electrification of 740 GRN buildings (642 schools) & ~60 000 rural homesteads
- N\$ 1.47 billion over 20 years, or approx. N\$ 74 million/year (2011)
- 2016/2017: MME budget allocation for rural electrification: N\$ 67 million

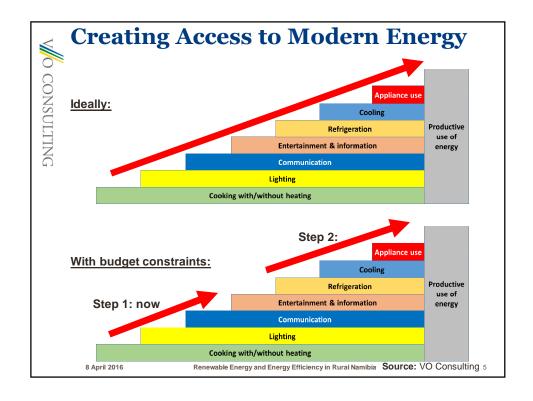
Given current expenditure, are we effective in creating additional access? or

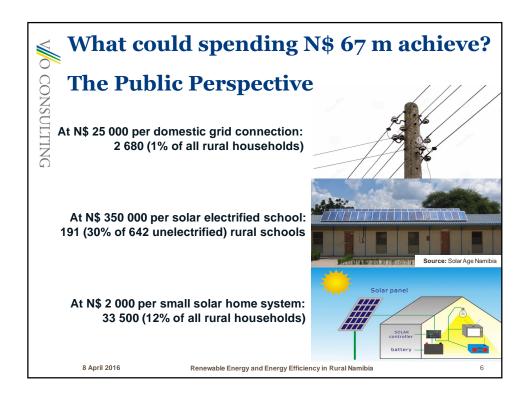
Could we achieve faster access rates by using different approaches?

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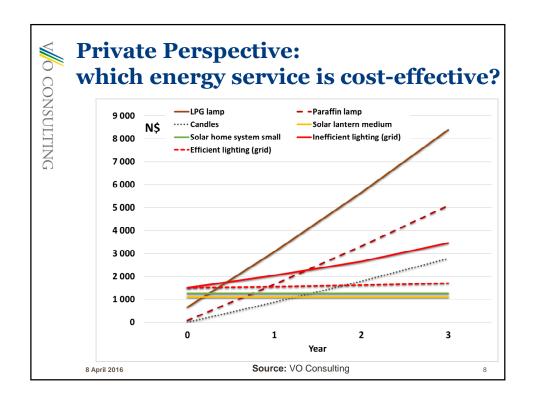
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Main Take Away Messages

- Access to affordable energy is a key determinant of national development.
- In rural Namibia, access to electricity will remain beyond the reach of most unless we use new approaches to create (at least partial) access.
- Renewable energy (RE) technologies can provide quality access to energy,
 while energy efficient technologies improve RE cost-effectiveness.
- RE can quickly & effectively increase access in rural Namibia.
- National development is energised by coupling people into the economy.
- Rural energy-related investments should focus on creating access.

Not in a decade or more, but starting today.



Thank you!

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