



EcoPole Africa

- Ecopole started in Norway in 2011
- We have been working in Africa since 2013
- Objective to bring environmentally friendly utility poles to Africa
- Create local jobs
- Reduce transport
- Use the bamboo already growing all over Africa
- Establish bamboo farms
- Encourage and train farmers to grow bamboo
- **Secure offtake of the bamboo produced and harvested**

Electrifying Africa



- Africa need green energy and energy need distribution
- Global focus on green energy production
- Little focus on distribution
- Wooden poles contributes to deforestation
- Concrete poles are heavy, hard to transport and to install
- Installation speed
- Lifecycle
- Replacement, maintenance or new instalment



Deforestation



- Millions of trees annually in Africa are used for el distribution
- Short life cycle – replacement and maintenance
- Creosote or other chemicals pollutes top soil and ground wat

Ecopole – long lifecycle

- Combining well known materials
 - Polyethylene (PE) – UV protection
 - Polyurethane (PUR)- rigid and flexible
 - Bamboo - unique strength to weight ratio
 - Ecopole is Patented



Ecopole – easy to transport and to install



Challenge in Africa

- Not enough high quality bamboo
 - Consistency of supply
- Not available experienced and qualified workers
- Access during rainy seasons
- Political challenges



Ecopole story

- Please enjoy our presentation film
- Thank you for listening



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THANKS

