Affordable approaches for Universal Access

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• Deployment of 2G & 3G sites;
• Public Access Venues;
• Municipality Networks;
• R&D (TVWS & IoT).

Universal Access - Mozambique
• Reduce tax in import duties for Telecommunication equipment to be deployed in rural areas;
• Infrastructure sharing regulation;
• Licenses for mobile virtual network operators;
• Rural trials
  – Frequency allocation;
  – Spectrum Sensing with frequency allocation;

• Urban and Rural trials
  – Database with spectrum sensing;

TV-White Spaces - Mozambique
Reality vs Expectations
Interference and Noise

- List of available channels;
- Live monitoring;
- Remotely move stations from one channel to another;
- License primary users without turning off TVWS stations;
Rural Vs Urban - Mozambique

- **Urban**
  - One channel per BTS;
  - Low Power;
  - Higher fee registration or (4 Mbps – ICT4E/H) per BTS;
  - No spectrum fees;

- **Rural**
  - Maximum of Two Channels per BTS;
  - Higher Power;
  - Low fee registration or (4 Mbps for ICT4E/H) per BTS;
  - No spectrum fees;
Thank you