New Opportunities and Progress: Advancing Affordable Access through for Universal Service

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Outline

➢ Overview of GIFEC
➢ Our Projects
➢ Innovation in Rural Coverage and Affordability
➢ Way Forward
The Fund was launched in November, 2004. However, operations of the fund started in January 2005.

The Electronic Communications Act, 2008, Act 775 provides the legal framework (mandate) for the activities of the Fund.

The mission of the Fund is to provide financial resources for the establishment of universal service and access for all communities and facilitate the provision of access to telecommunication services.
Our Projects
Rural Telephony Project
Reaching unserved schools

One Hundred and Eighty (180) ICT labs equipped and connected through our Satellite Hub
CICs – Access Hubs
Our Broadband Technology

Outdoor

Indoor
Digital for Inclusion (D4I)
Banking the Unbanked

Our solution to address the gender digital divide

40% of D4I agents are women

D4I platform is internet enabled
ICT Capacity Building, Awareness and Content Creation

The Women are involved
Dressmakers
Beadmakers
Hairdressers
CODING FOR KIDS

I AM A PROGRAMMER

#GIFEC CODING CLUB
Innovation in Rural Coverage and Affordability
Challenges in Extending Connectivity

- **Lack of Infrastructure (Road, Power, and etc.)**
- **Scattered Settlements and Low Revenue**
- **High CAPEX and OPEX**
Partnership Model for Innovation: More Stakeholders Benefits Sharing

Tripartite Partnership Model

- **GIFEC**
  - Site Acquisition and permitting
  - Joint Site survey based on nominal selection
  - Customs waiver for equipment clearance
  - ECG facilitation for selected sites
  - Acquisition of frequency (UMTS 900)

- **Investor**
  - Innovative solution offering
  - Site build implementation and telecom works
  - Site operations and maintenance

- **Telco**
  - Site selection and Planning
  - Site integration and marketing activities
  - Sales and Distribution
  - Only 3G or better
Innovative Solution: TCO Saving and Increased Rural Coverage

70% TCO Saving

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<tr>
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<th>Traditional Solution</th>
<th>VS</th>
<th>Innovative Solution</th>
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<tr>
<td>CAPE</td>
<td>150,000 USD</td>
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<td>59,000 USD</td>
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<tr>
<td>OPE</td>
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<td>8,400 USD</td>
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Microwave → Relay
Tower → Pole
Rural Connectivity and Broadband Services: Our Achievements

✓ The objective of the Rural Telephony Project is to support telecommunication operators to extend their mobile broadband services into locations of less commercial viability.

✓ 200+ Rural telephony have been constructed in deprived communities without communication facilities in the country.

✓ A total number of 600,000 beneficiaries in connected communities can now communicate and transact business with people in and around the world using broadband services.
✓ □ Adopt more Public, Private, Partnerships (PPPs) in deploying the necessary communications infrastructure for the country.

✓ □ Improve collaboration with key stakeholders particularly the Telco, investors and the Ministry

✓ □ Address Policy and Regulatory bottlenecks to improve rural connectivity and affordability.
Affordable Broadband
THANK YOU