



ZedMobile Network

New MNO entrant - rollout and QoS challenges

zed'obile





DEPLOMENT STATUS – Phase 1 (On Air)



5/10

Southern

- Livingstone
- Choma
- Monze
- Mazabuka
- Kazungula
- Siavonga
- Chirundu
- Sinazongwe
- Gwembe
- Zimba
- Kalomo

Northwestern

- Solwezi
- Kalumbila
- Mushindamo

Copperbelt

- Chingola
- Chililabombwe
- Mufulira
- Kalulushi
- Ndola
- Luanshya
- Kitwe
- Masaiti
- Mpongwe
- Lufwanyama

Central

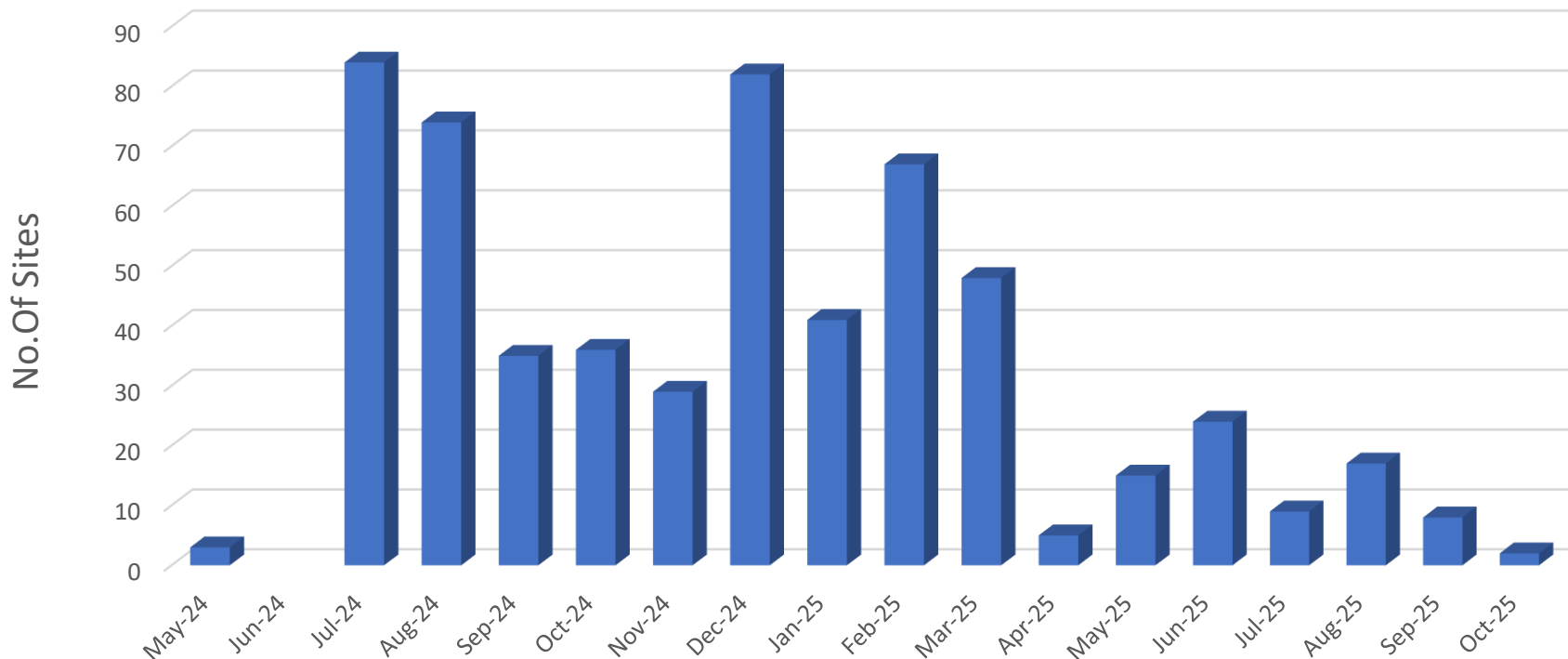
- Kabwe
- Kapiri mposhi
- Mkushi
- Chibombo
- Mumbwa

Lusaka

- Lusaka
- Chongwe
- Kafue

MONTH-ON-MONTH SITE COMMISSIONING

On Air Sites Per Month



	May-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25
No. Of Sites	3	84	74	35	36	29	82	41	67	48	5	15	24	9	17	8	2

On Air Month	No. Of Sites
May-24	3
Jul-24	84
Aug-24	74
Sep-24	35
Oct-24	36
Nov-24	29
Dec-24	82
Jan-25	41
Feb-25	67
Mar-25	48
Apr-25	5
May-25	15
Jun-25	24
Jul-25	9
Aug-25	17
Sep-25	8
Oct-25	2

Key Positive Factors that Affected Deployment

- ✓ *Site RFI from TowerCo*
- ✓ *Support from Transmission providers*
- ✓ *Data Center availability*
- ✓ *Aggressive equipment installations by contractors*



Factors That Enabled Network Rollout



- Adoptions a leased Model for Towers and Passive infrastructure
- Availability of transmission partners in most urban areas
- Availability of More than one Tower Co - Resulting in ability to
 - select the more optimal tower for deployment
- Availability of modern Datacenters to deploy the core
- Mature 4G and 5G solutions. – Adopted 4G/5G for Data on the Network



Challenges Faced During Rollout and QoS

- Coming in last mean Tower Co may not always allow the addition of a new tenant:
 1. Tower loading
 2. Installed capacity of Passive equipment
 3. Availability of RFI materials

- Compromise of optimal antenna installation height on some of the available sites

- Transmission availability – Fiber capacity

- Lack of power backup on some sites

- Limitation in available spectrum is certain Bands

- Gray phones in the market – Resulting in Terminal compatibility problems

- IPT providers collocating at some sites for certain routes.

