



ZICTA

ZAMBIA INFORMATION AND COMMUNICATIONS TECHNOLOGY AUTHORITY

INFORMATION TECHNOLOGY IN REGIONAL TRANSPORTATION

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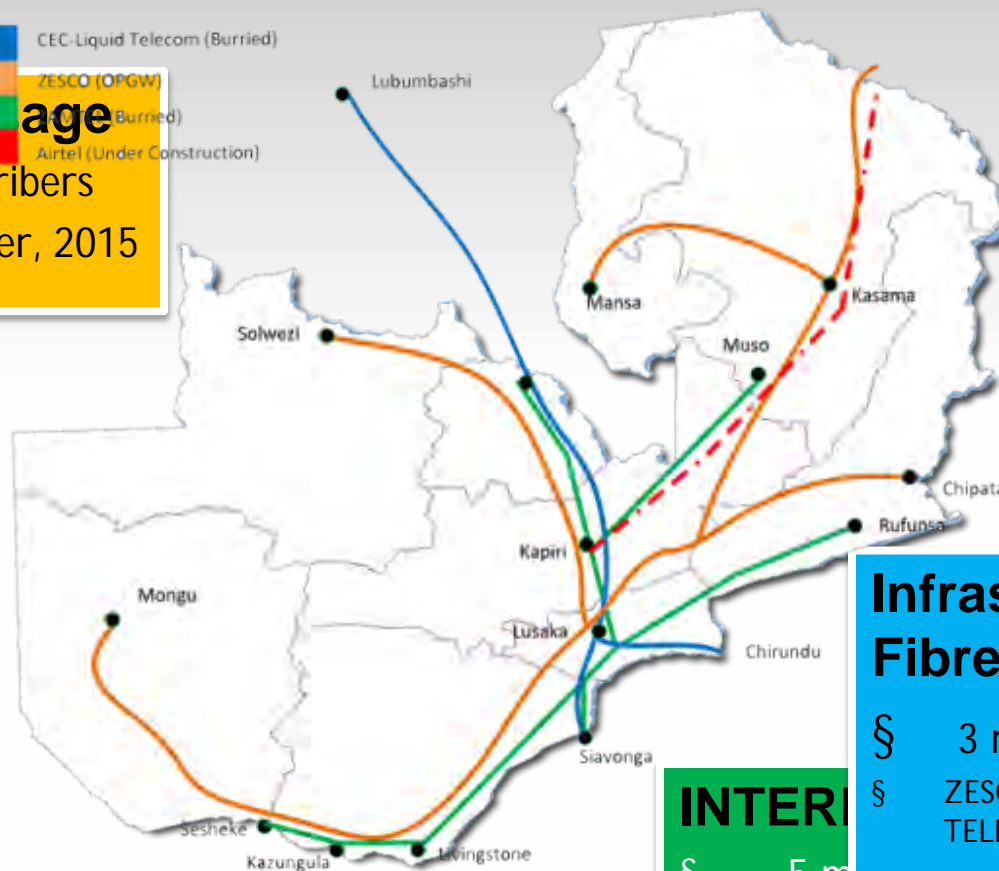
QUICK FACTS ABOUT ZAMBIA'S ICT SECTOR



Mobile Phone Usage

- § 10.8 million Subscribers
- § as at 30th September, 2015

- CEC-Liquid Telecom (Burried)
- ZESCO (OPGW)
- CEC-Liquid Telecom (Burried)
- Airtel (Under Construction)



Mobile Network Coverage

- § signal coverage 78 percent
- § As at 2013

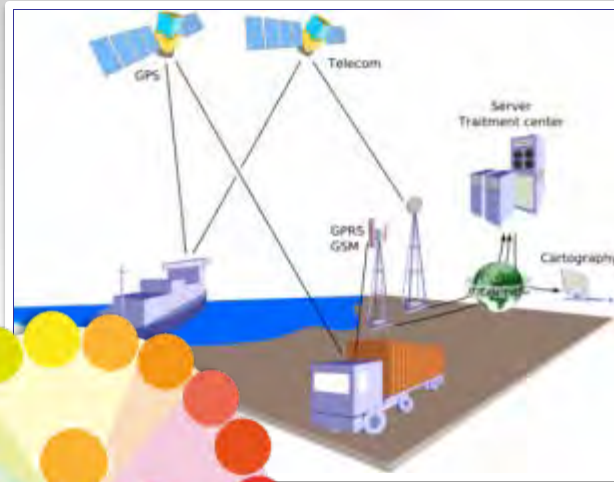
Infrastructure and Fibre Backbone

- § 3 main carriers
- § ZESCO, ZAMTEL & CEC-LIQUID TELECOM

INTERNET

- § ~ 5 million users
- § 99 percent are mobile based
- § As at 30th September, 2015

ICTs IN TRANSPORTATION



Use Cases:

- § Ticketing
- § Cargo Trackers
- § Route Optimization Systems
- § Cargo Scanners
- § Capacity Indicators
- § Service Quality Reporting
- § Collision Control
- § Traffic Management

STATUS OF ICTS - ISSUES TO CONSIDER INCLUDE



- § Backbone Infrastructure network
- § Interoperability of various networks in the region, e.g. IP versions
- § Interconnection for ICT agreements within the region
- § Transport policies of different countries within the region
- § Cyber Security Readiness
- § Cloud Computing § Data Protection Laws



ICT Development Index

The ICT Development Index (IDI): Combines 11 indicators into one single measure to track progress made in ICT access, use and skills, and includes such indicators as the number of fixed- and mobile-broadband Internet subscriptions, households with a computer, and literacy rates. The IDI measures the level of ICT developments in 155 economies worldwide.



THANK YOU

ZIKOMO

NATO TELA

TWA LUMBA

LUI TUMEZI