ICT Infrastructure Development: Is Kenya making the right choices?

Presentation by Kai U. Wulff, C.E.O.
Kenya Data Networks.

Who are we?

Kenya Data Networks is a “Full Service, Data Communications Carrier” that was licensed by the CCK in January 2003 as a “Public Data Network Operator”. KDN is has a stated policy to use local expertise to build world-class infrastructure in Kenya.

KDN is the largest Data Carrier Network Operator in East Africa and the only operator that provides a Nationwide digital network .

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Now and the Future - Overview of KDN

- Current Network
  - Coverage of 115 Towns (70% of Kenya's population) in Kenya
- Our target is Cape to Cairo - Current footprint
  - Uganda
  - Tanzania
  - The D.R.C.
  - Rwanda
- Hosting Center
- Connectivity to the homes
  - Fiber to the homes
  - Wi-Fi & WiMAX
- Digital Villages
  - At least 1 Digital Center in every constituency
  - All schools in Kenya

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www.kdn.co.ke info@kdn.co.ke

Is Kenya making the right choices?

The following are indicators that Kenya is making positive strides:

- Connectivity to submarine cables i.e. TEAMS, SEACOM etc.
- Connectivity to the digital villages.
- Innovative money transfer technologies.
- Increased wireless coverage countrywide; 2G/3G, CDMA, WiFi and Wimax.
- MPLS-enabled networks
- Nation-wide fiber (KDN's nationwide network is DWDM capable.)

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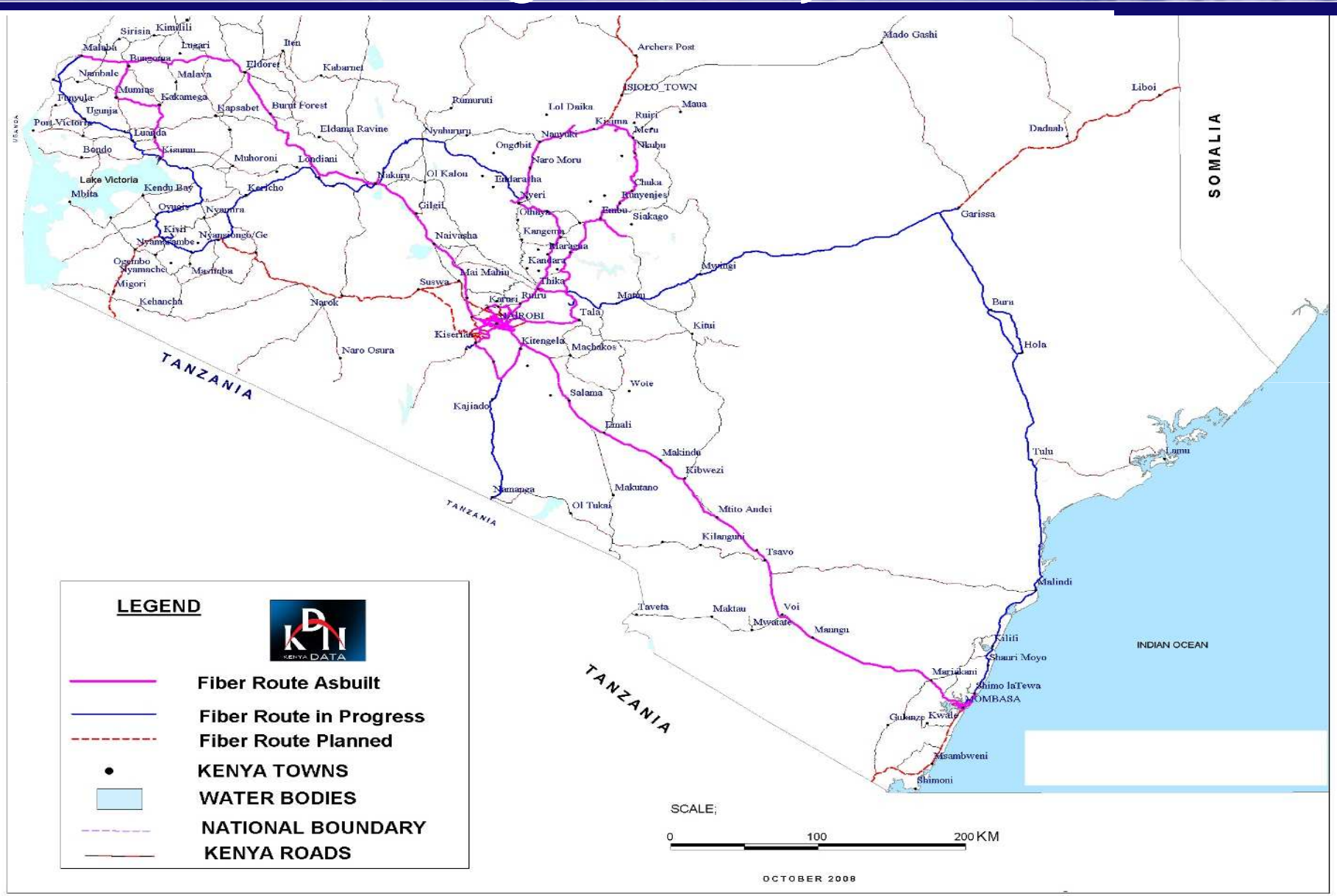
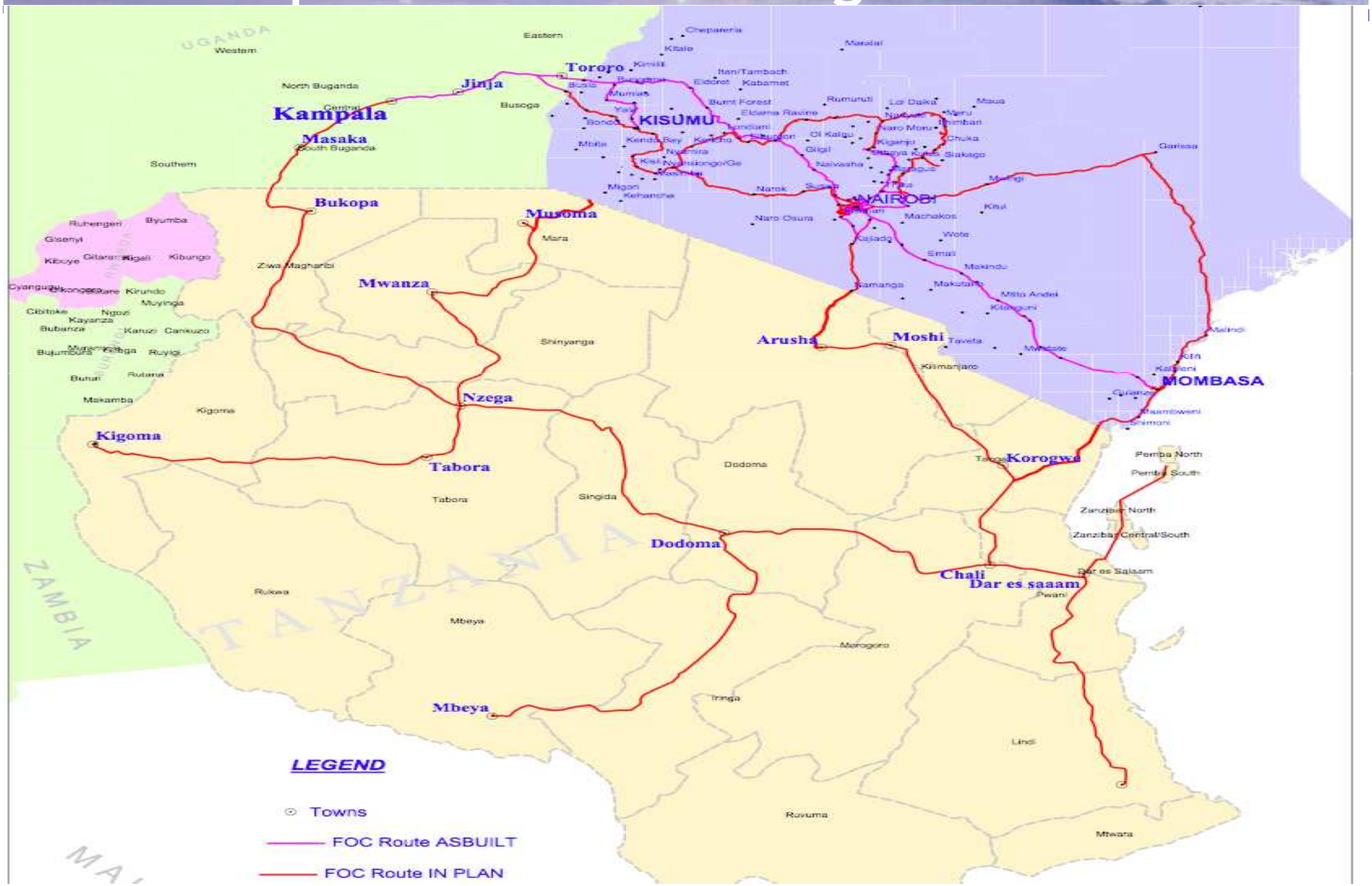
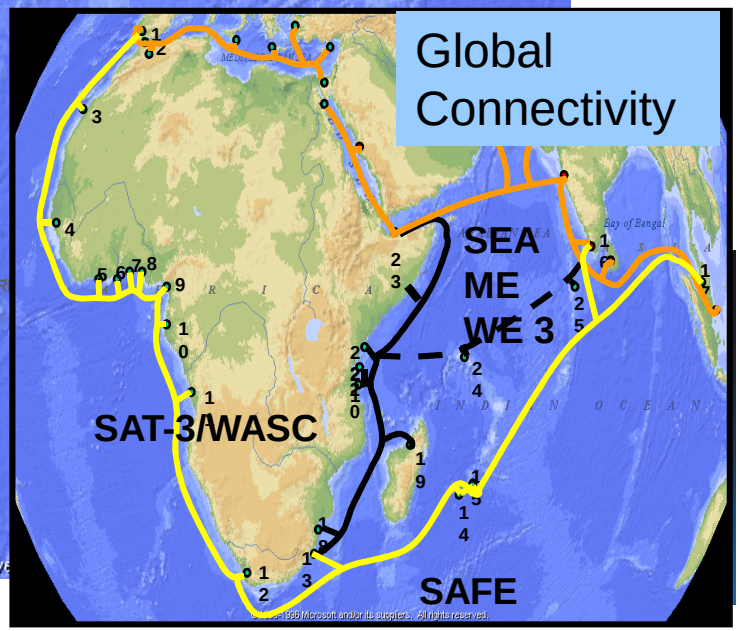
Current Coverage in Kenya



Fiber Optic Cable Coverage



Submarine Cable System



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Key Products and Services

- Submarine Fibre
- Butterfly Lifestyle - WiFi, Voice, DSL, Cameras, Portal..
- Power Solutions
- Hosting Center
- Security Solutions/Traffic Management
- Digital Villages / Schools
- BPO & Hosted Call Centre

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