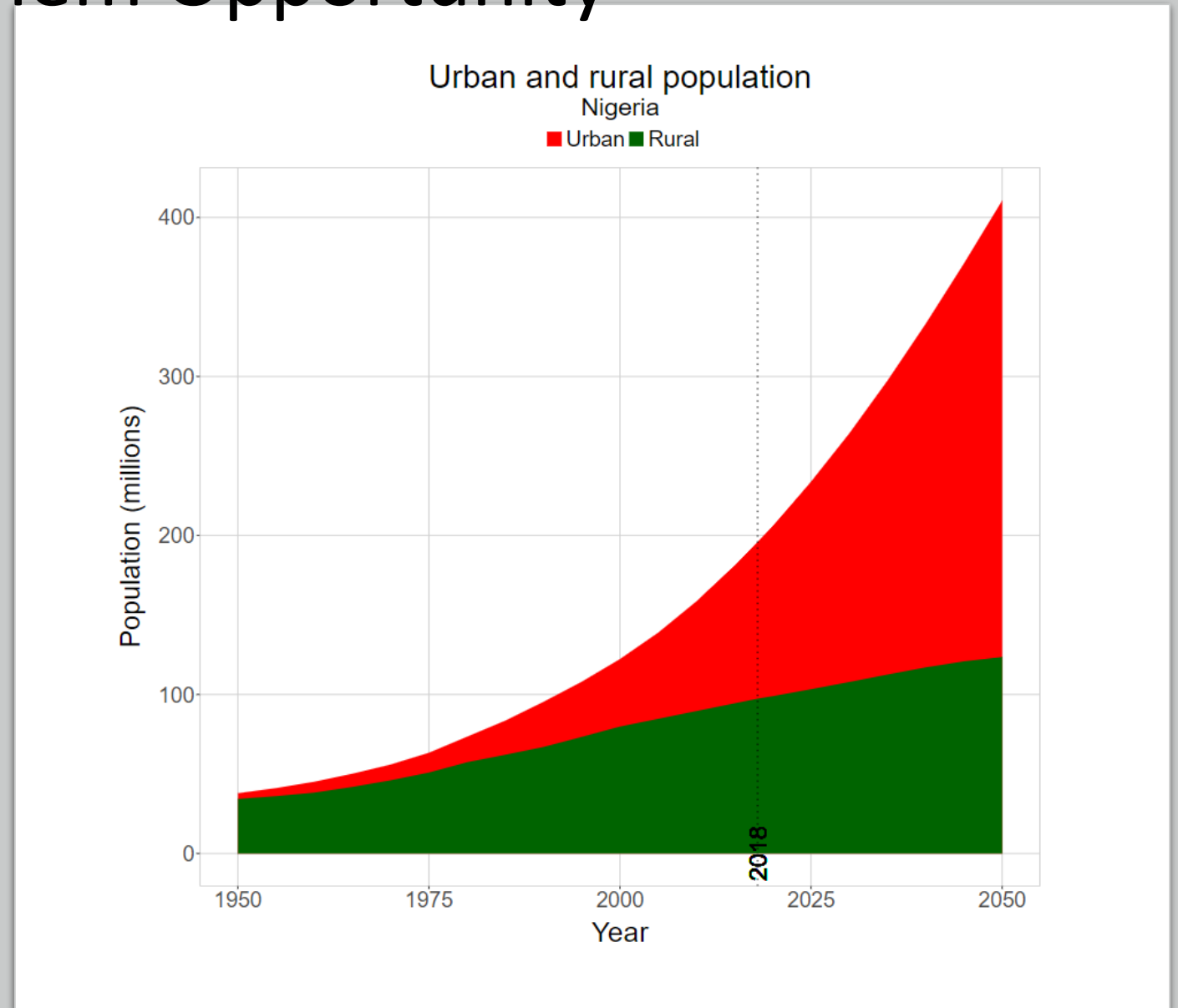


# Nigeria's Shared Spectrum Opportunities.

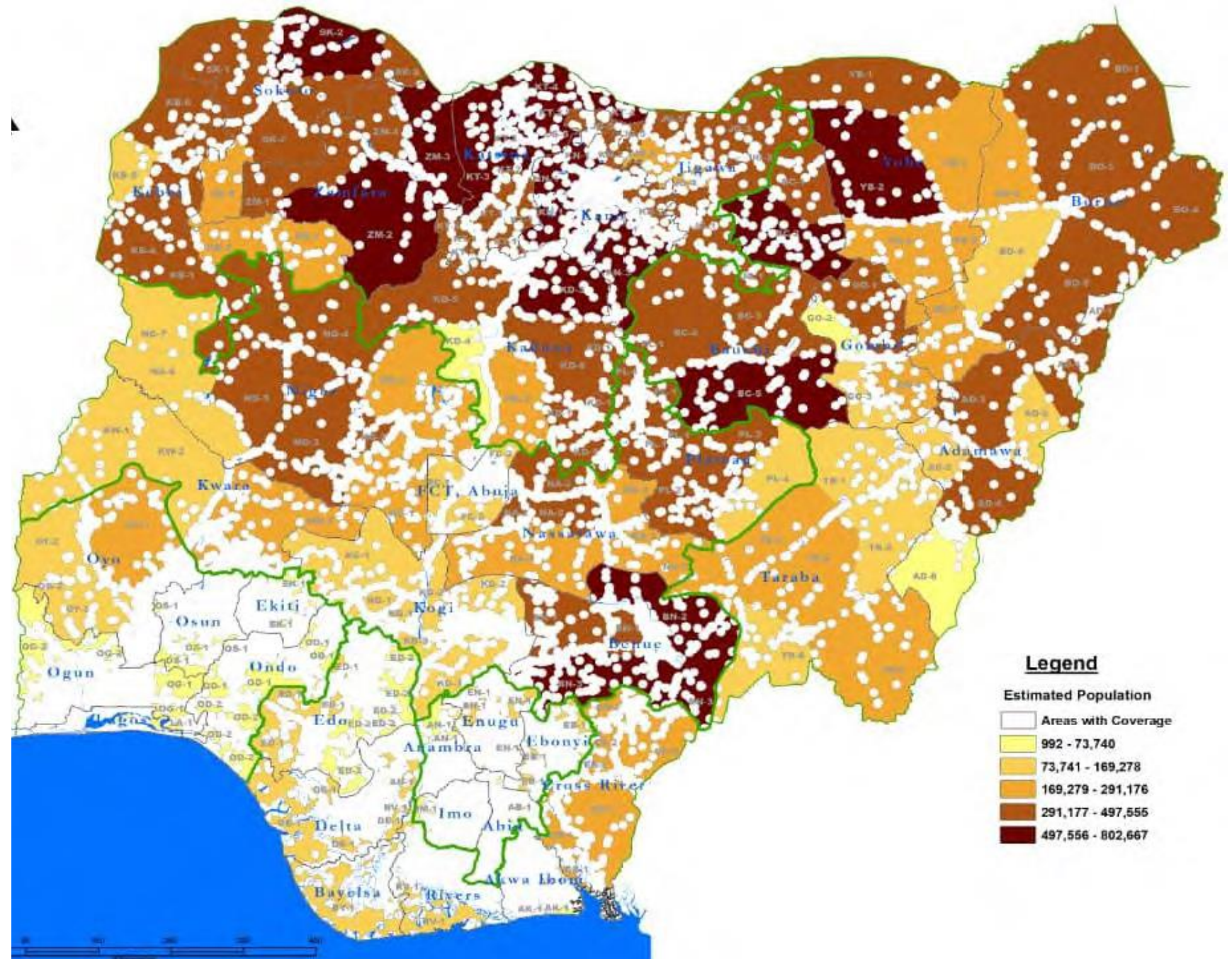
**ATIMATI Ehinomen E.**

# Rural Connectivity ~~problem~~ Opportunity

- 203 million people
- 43% young, 5% > 60yrs
- 100 million people in rural areas
- 40% broadband penetration
  - 121 million with zero/poor (2G) access
- 3G and 4G cellular networks
  - Expensive
  - Unreliable (offload)
  - low use



# 3G and 4G coverage



# Technologies.

- Diversification Plans :
  - 25Mbps (urban areas), 10Mbps (rural areas)
- TVWS technologies
  - 2020-2025 National Broadband Plan
  - 2019 and 2020 TVWS policy draft
  - Digital migration (ATT)
- Satellite communication.
- Fibre, first mile networks.
- Other spectrum sharing options?

Cover

## Creating equal access to learning, bridging urban-rural knowledge gaps through technology

By Eno-Abasi Sunday (Lagos) and Kanayo Umeh (Abuja)



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# Recap

- Huge market potential
  - Over 100 Million digital aged Nigerians need connectivity
- Government willingness to diversify
  - Digital migration.
- Increased digital demand...
- Abundant shared spectrum opportunities.

# Thank you for listening

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