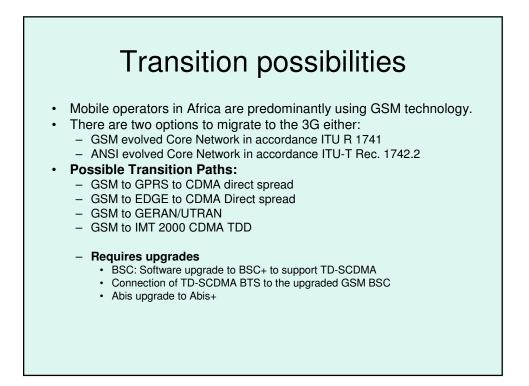


## Background

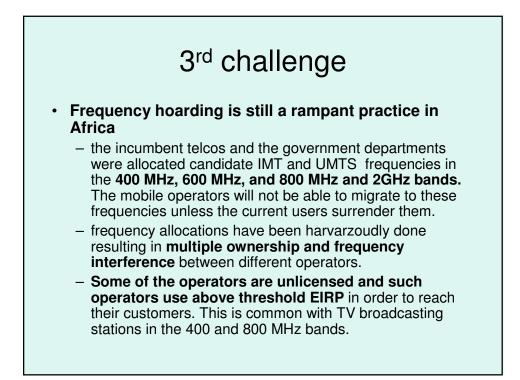
- Africa's unique features:
  - Rapidly growing populations
  - youthful users,
  - large distances to be covered with communication lines
  - legal and illegal operators,
  - radio interference between different operators,
  - lack of access,
  - poor quality of services from telcos,
  - long waiting lists for connection among others.
  - very low bandwidths on the trunk and access networks,
  - poor copper infrastructure,
  - mobile is the predominant technology.

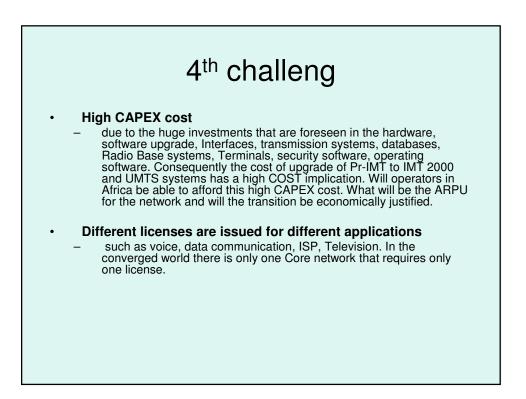


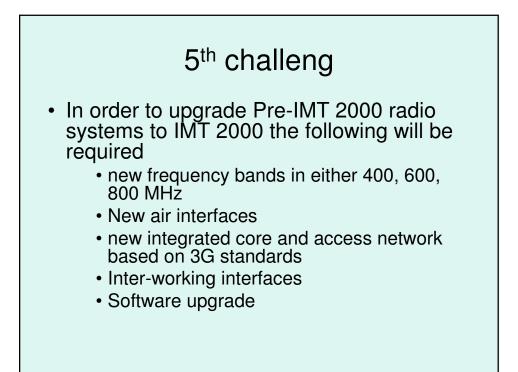
## 1st Challenge There is lack of goodwill from several African governments towards the development of the ICT sector. Telecommunications operations are still in the hands of the governments that are not willing to spend money on modernization of telecommunication infrastructure.

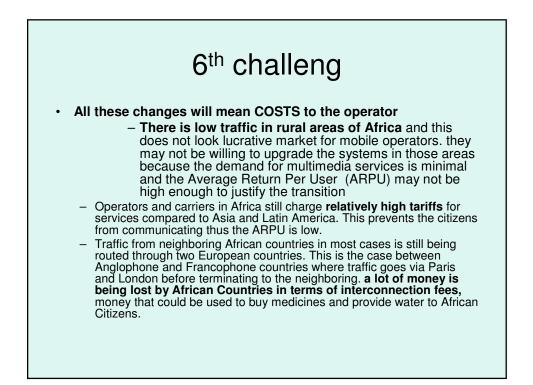
- The priorities of the government may be in the health, education and military sectors and not ICT.
- Some countries in Africa still do not even national ICT Policy to guide potential investors where to invest and how.

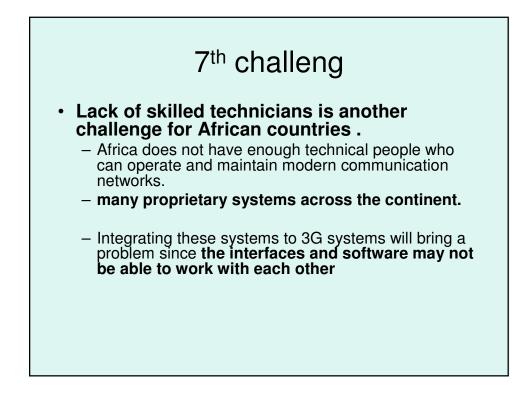




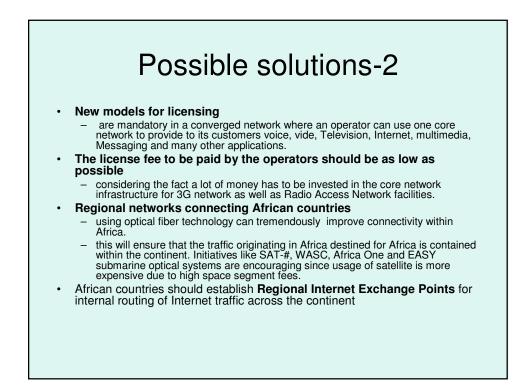


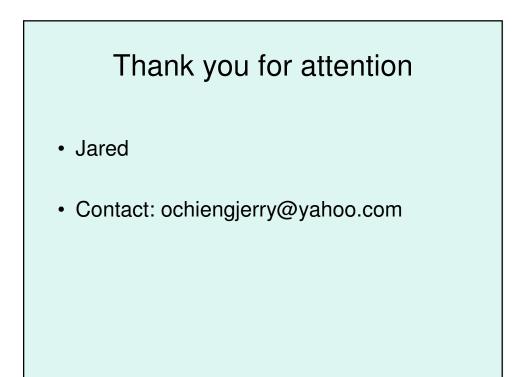












## A New Model for Africa

- · Disagree with beauty contest model
- Proposed Frequency Licensing model
  - Lodge application with regulator
  - Pay flat rate license fee
  - One license issued for:
    - Voice, data, ISP, TV, Messaging
  - Pay annual fee per megabyte
  - Pay to regulator a percentage of net revenue