

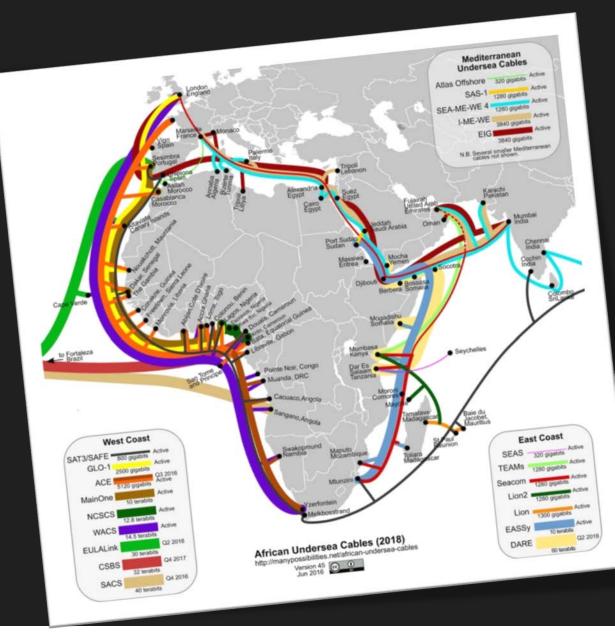




Undersea Fibre

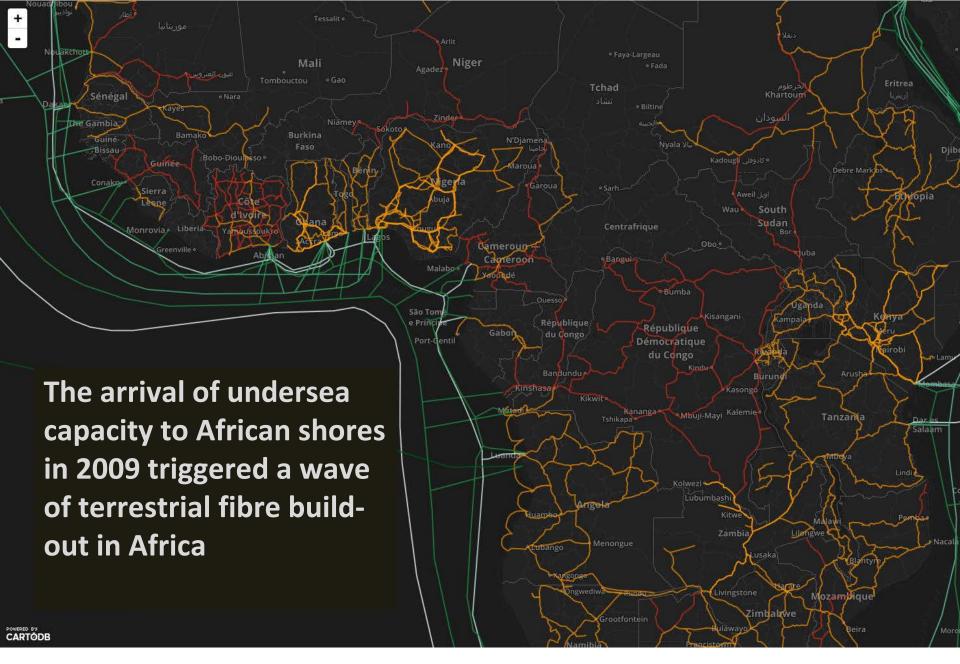
The growth of undersea fibre optic capacity has been a catalyst for change.

The impact of technological change often takes years to manifest













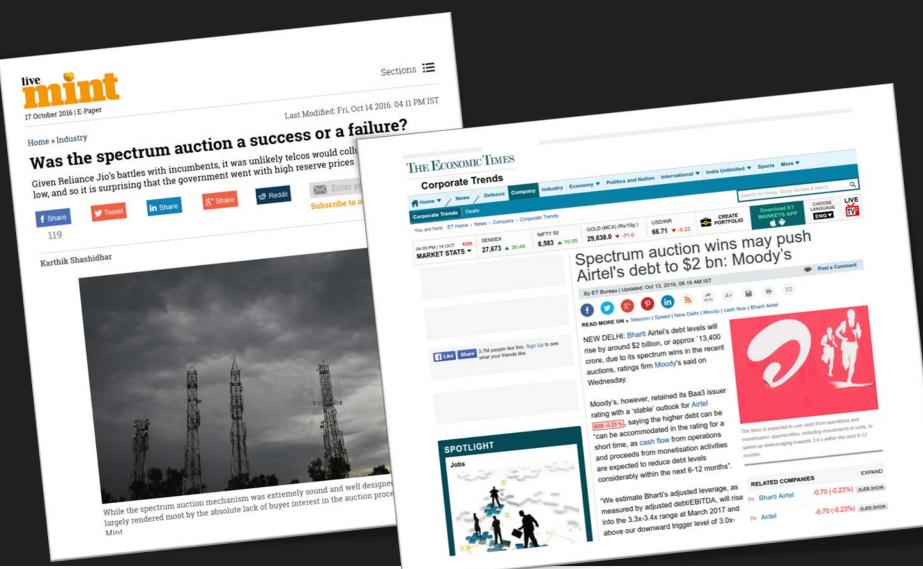


Increased pressure on regulators to make more wireless spectrum available





Spectrum Auction Burden







2006 Digital Switchover Decision



The most important achievement of the Conference," remarked Mr Yoshio Utsumi, Secretary-General of ITU, "is that the new digital Plan provides not only new possibilities for structured development of digital terrestrial broadcasting but also sufficient flexibilities for adaptation to the changing telecommunication

The agreement reached at RRC-06 paves the way for utilizing the full potential of information and the agreement reached at KRC-UD paves the way for utilizing the following the more minimization and communication technologies to achieve the internationally recognized development goals. The date of transition to digital terrestrial broadcasting in the year 2015 is intended to coincide with the targets set b

The regional agreement for digital services has been reached in the frequency bands 174 - 230 MHz and the Millennium Development Goals. 470 - 862 MHz. It marks the beginning of the end of analogue broadcasting.

The Conference agreed that the transition period from analogue to digital broadcasting, which begins at 0001 UTC 17 June 2006, should end on 17 June 2015, but some countries preferred an additional five-year

The Regional Radiocommunication Conference was chaired and brought to a successful conclusion by Mr extension for the VHF band (174-230 MHz). Kavouss Arasteh of the Islamic Republic of Iran.

The switchover from analogue to digital broadcasting will create new distribution networks and expand the potential for wireless innovation and services. The digital dividend accruing from efficiencies in spectrum usage will allow more channels to be carried across fewer airwayes and lead to greater convergence of services.













Regulation Struggles to Keep Pace



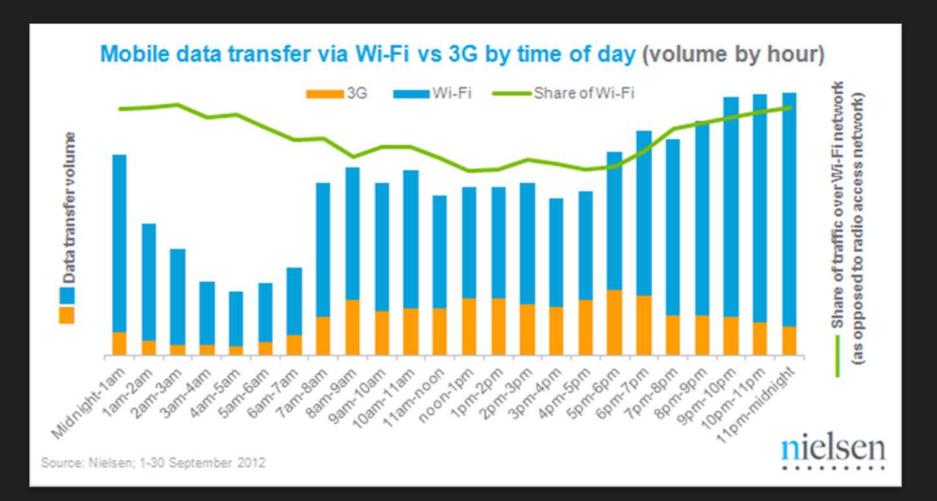
With wireless in particular there is a need for more diverse strategies

- **√** Unlicensed
- ✓ Dynamic
- √ Set-asides





Growth of Unlicensed Spectrum Use











via the to the free Wi-Fi service



Connect with Tech/Central or

Connect with TechCentral or





ape Town MyCiTi buses to get free Wi-Fi





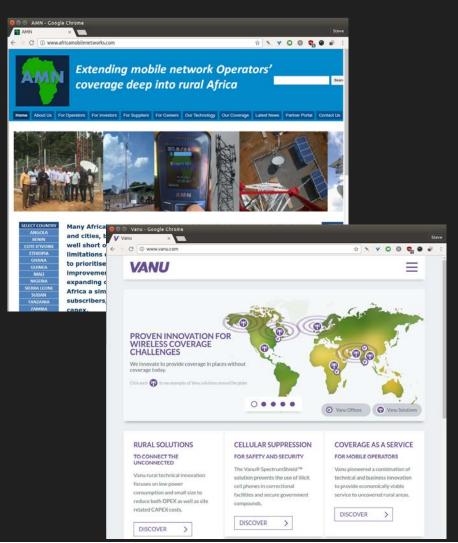


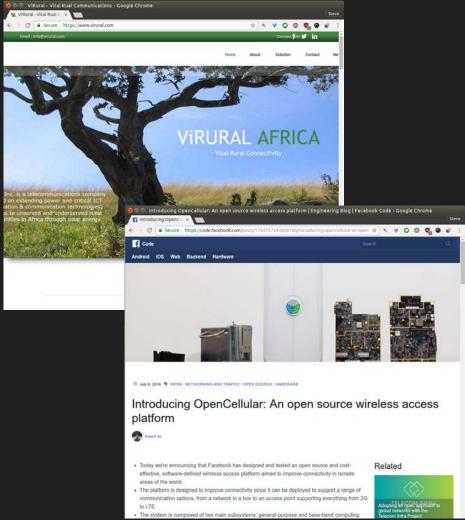
Total offers free Wi-Fi to customers in SA. (Image Source:

http://l.ytimg.com/). wailable; however, this will need to be paid for by the customer.

nternet via their mobile devices.

New Generation of Rural GSM









Community Cellular in Mexico



Regulator has set aside small amounts of GSM spectrum for rural underserved areas.





The Internet is made of and made by people

NSRC has been building the

capacity of Internet

engineers in

more than 120

countries since

1992







Thank you

Steve Song

@stevesong

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