

Policies for Mobile Broadband

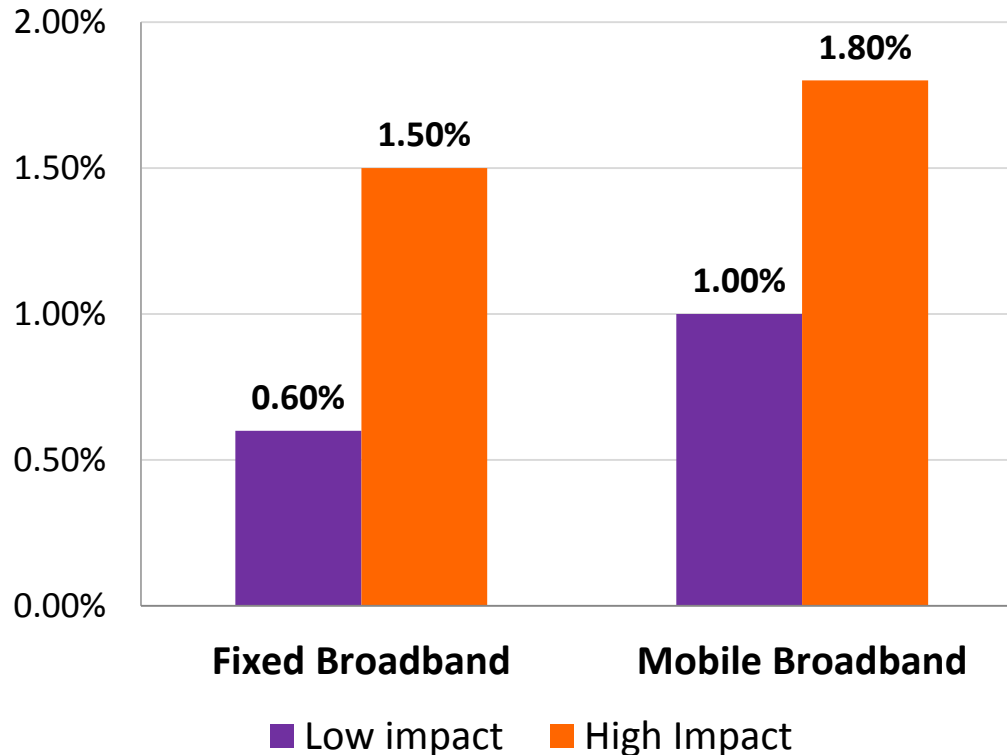


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Broadband Expansion and Economic Impact

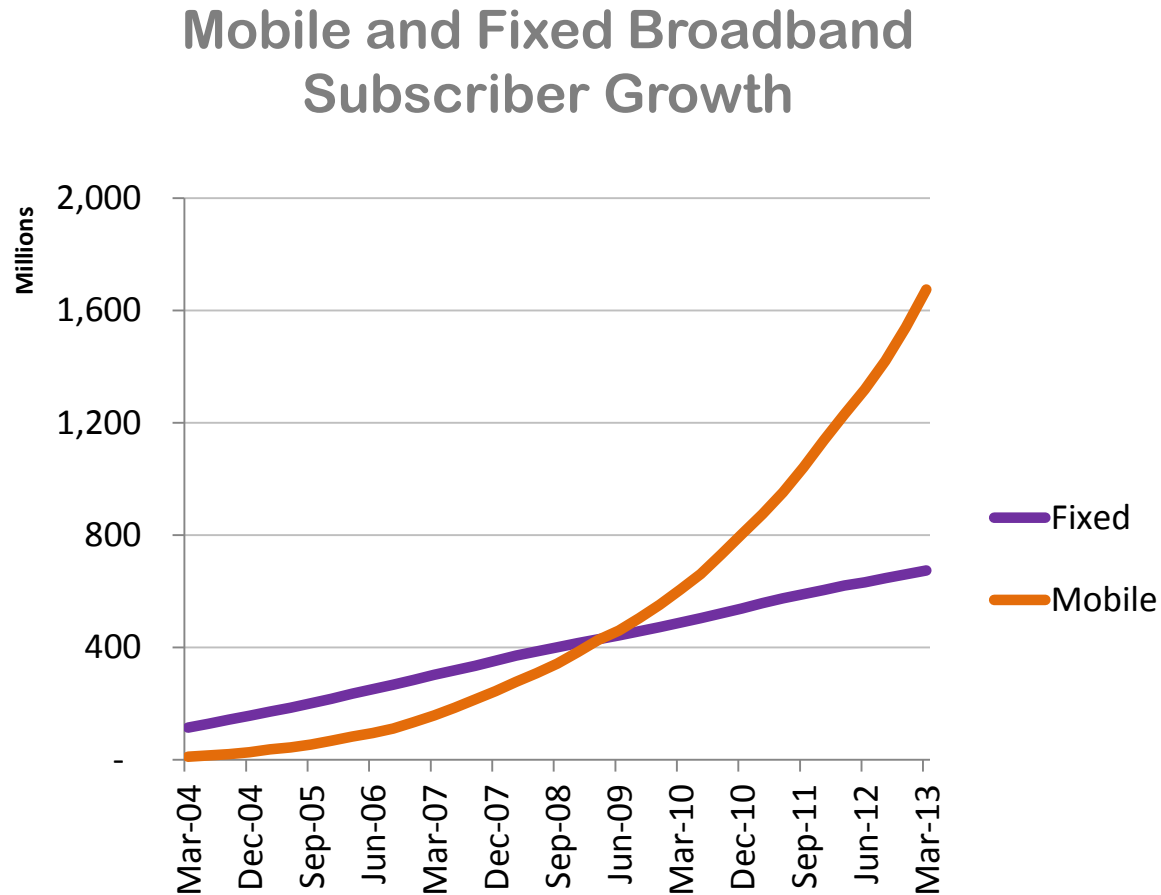
Broadband has a Positive Impact on GDP Growth

Impact on GDP of 10% increase on penetration



Source: Multiple sources – see references

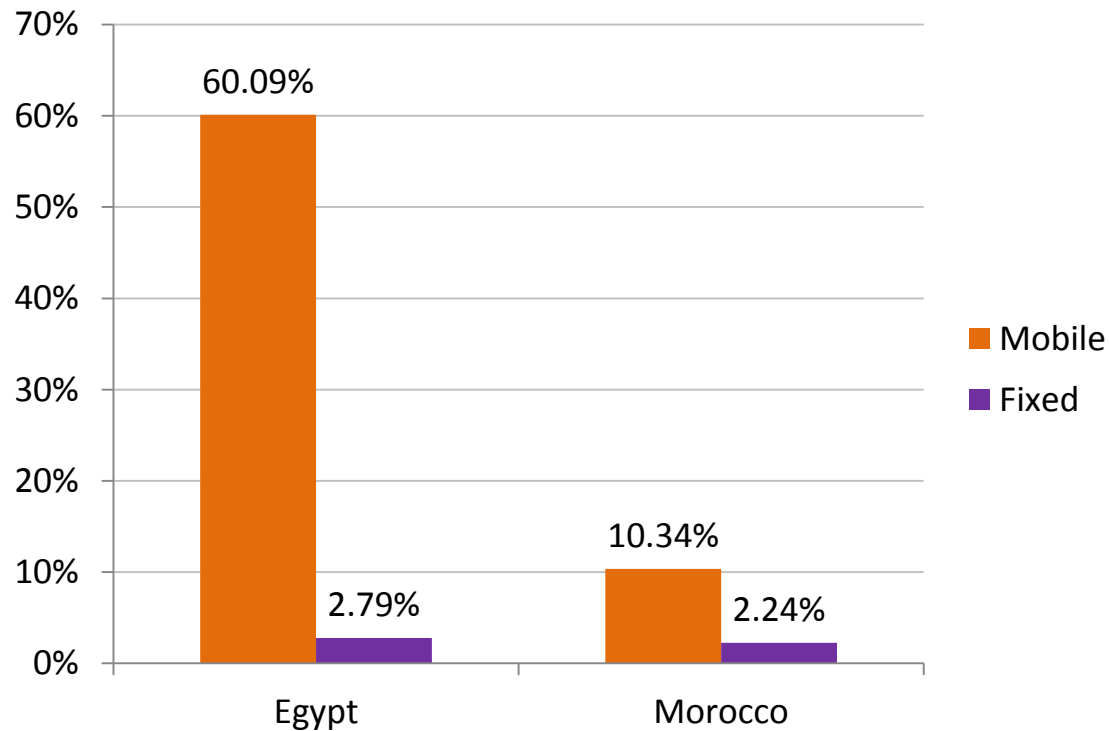
Mobile Allows for Faster Expansion of Broadband



Source: Telegeography (mobile broadband)

Some Countries are Growing Faster...

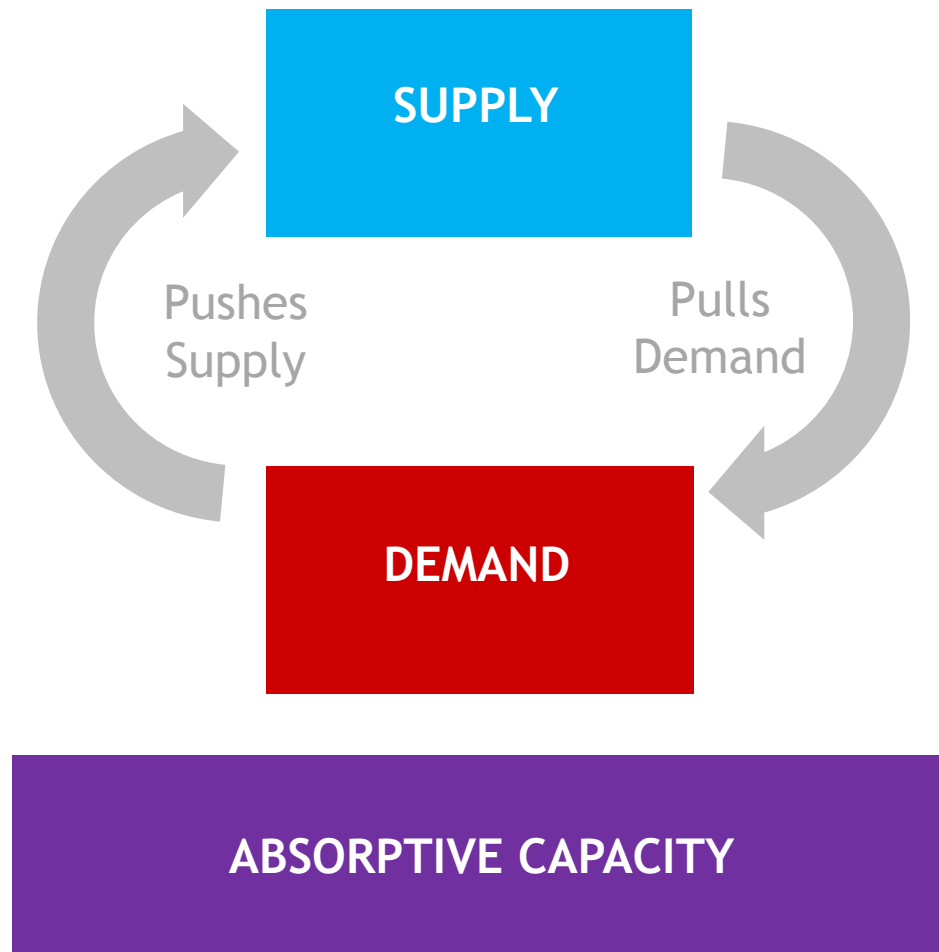
Mobile and Fixed Broadband Subscriber Penetration



Source: Telegeography

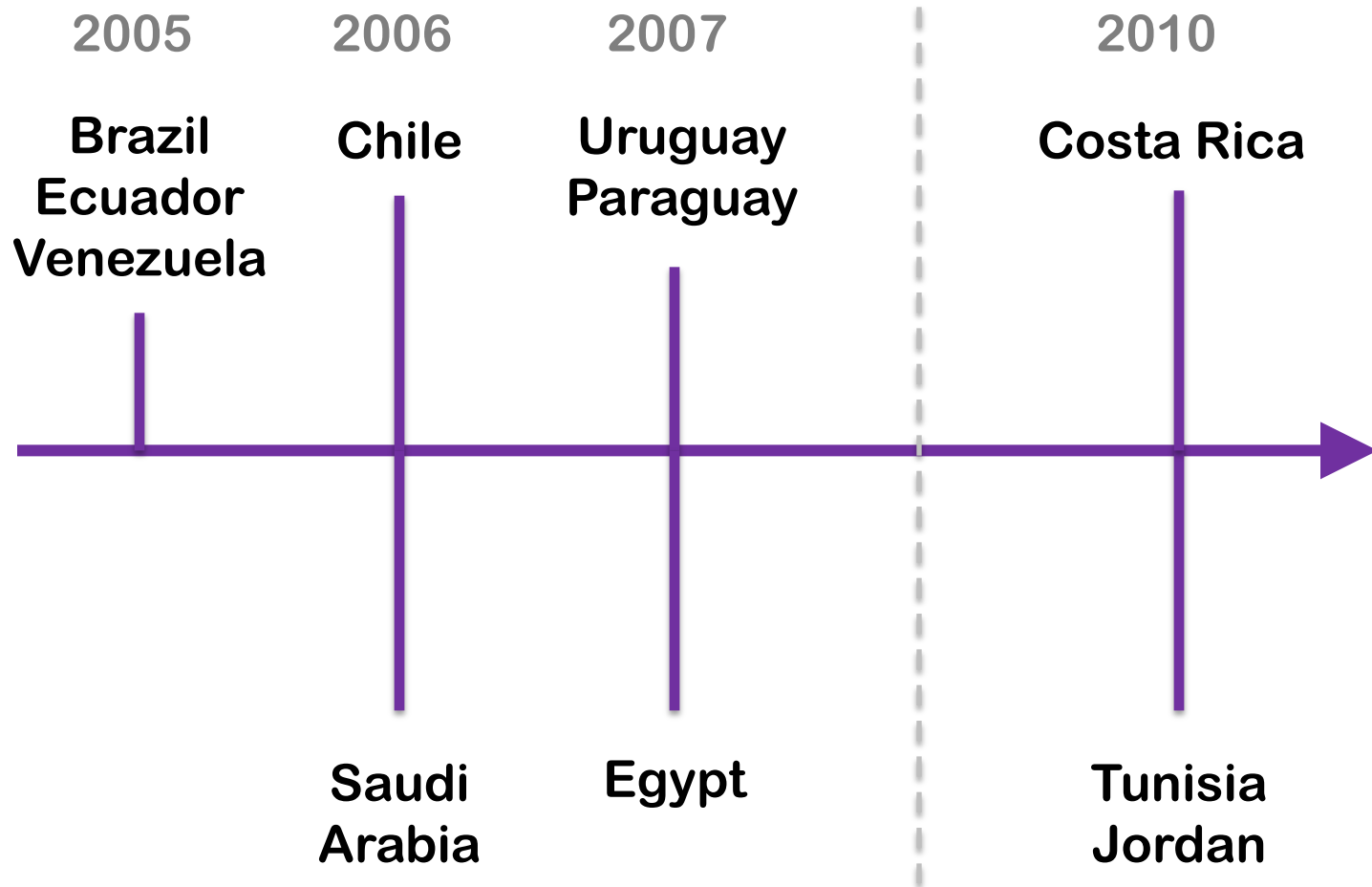
Policies to Facilitate Broadband Diffusion

Economic Impact: Supply- and Demand-Side



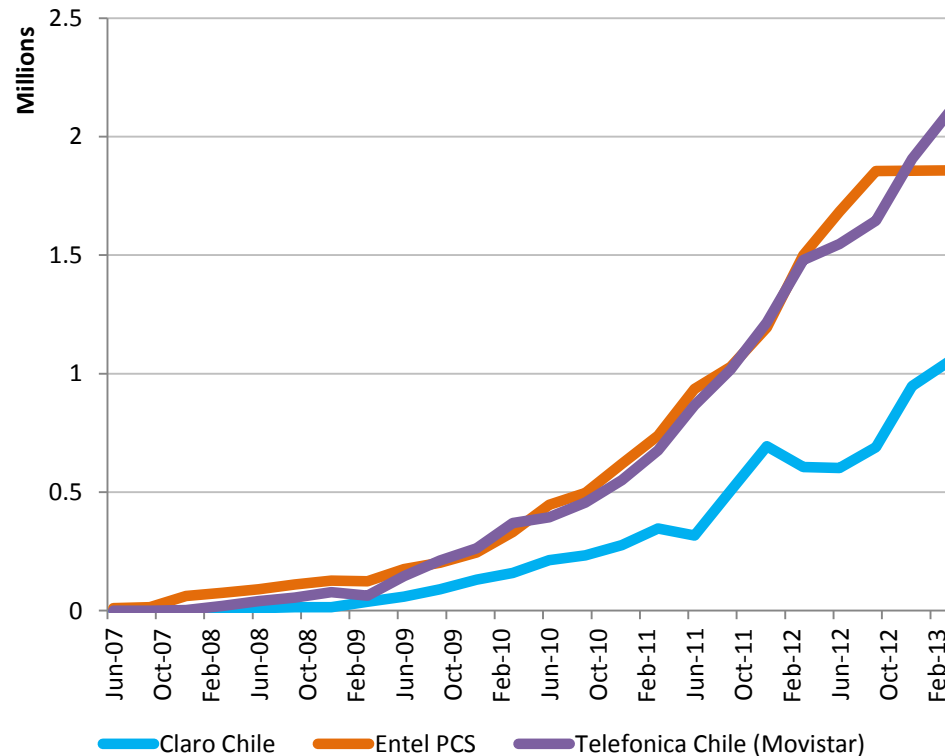
Supply-Side Policies

Availability of Spectrum and Removal of Restrictions



Expansion of Network vs. Maximization of Proceeds

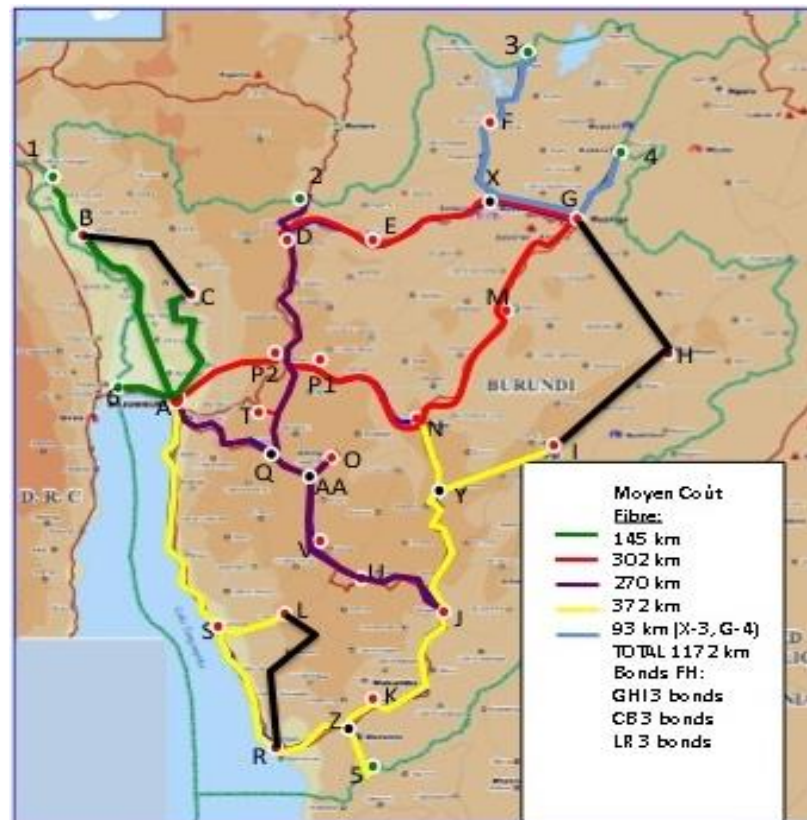
Expansion of Mobile Broadband Coverage with Reverse Auctions in Chile



Source: Subsecretaria de Telecomunicaciones (SUBTEL), Chile

Backbone Networks and Infrastructure Sharing

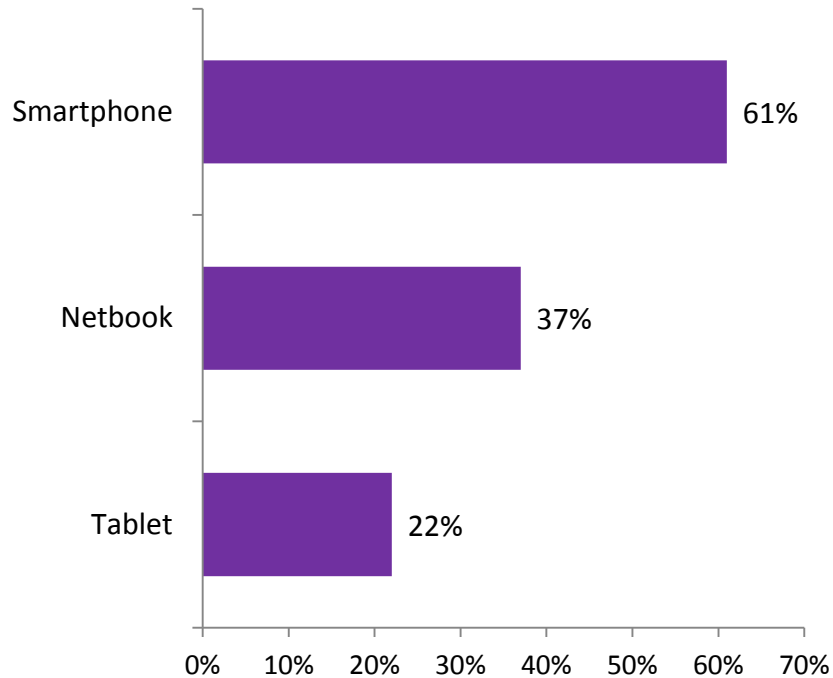
Burundi national backbone cooperative development



Demand-Side Policies

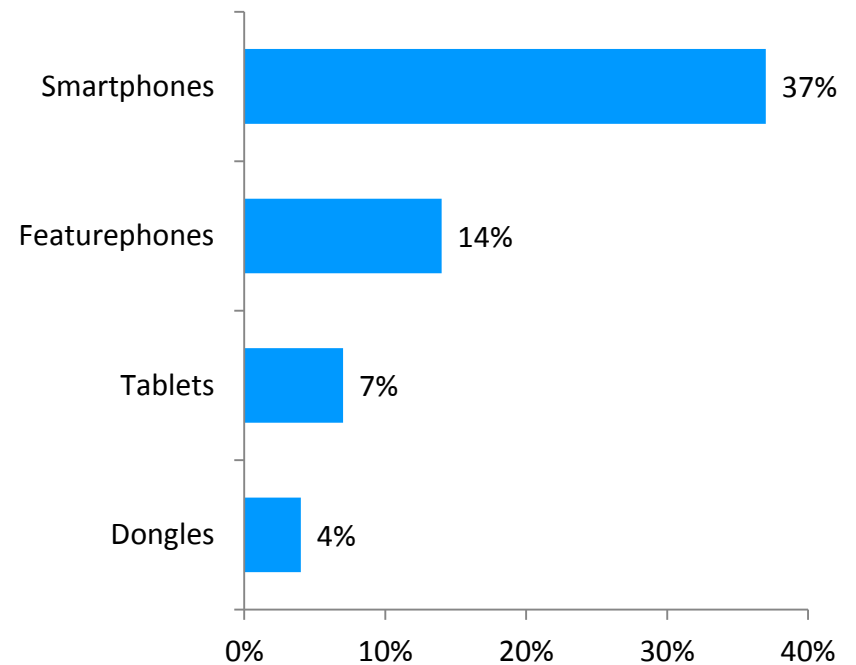
Affordability of Devices and Services

Mobile Devices Used to Access Internet (Past 12 months)



Source: Accenture, Mobile Web Watch 2012

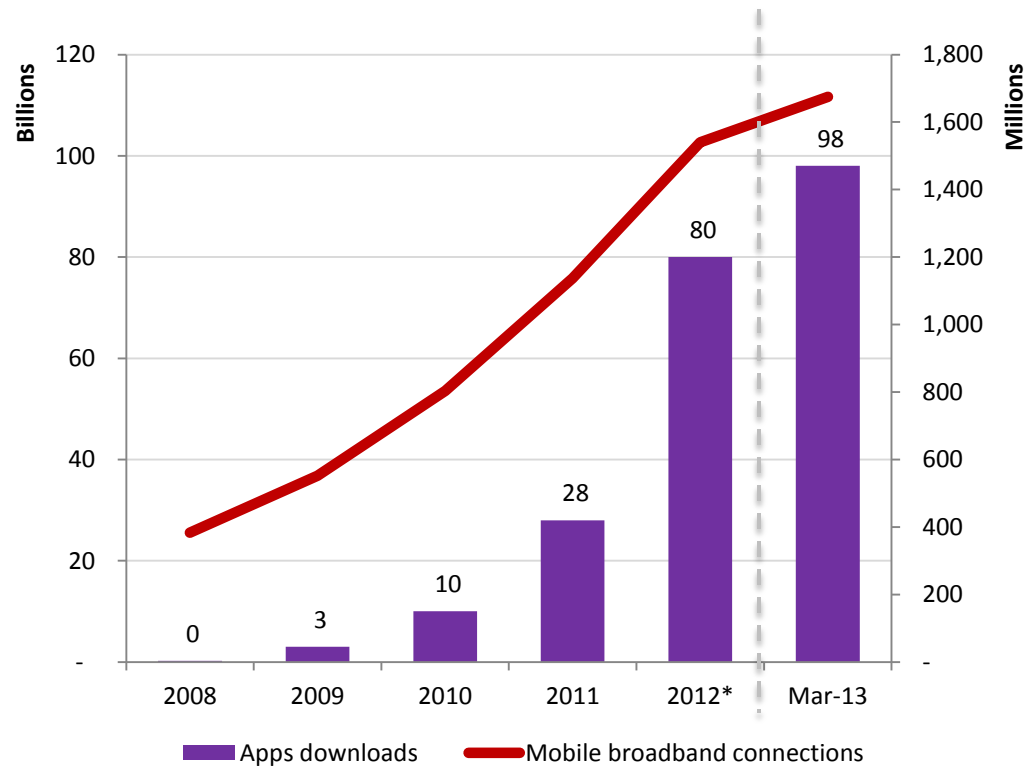
Mobile Devices Offered by LTE Operators



Source: Wireless Intelligence

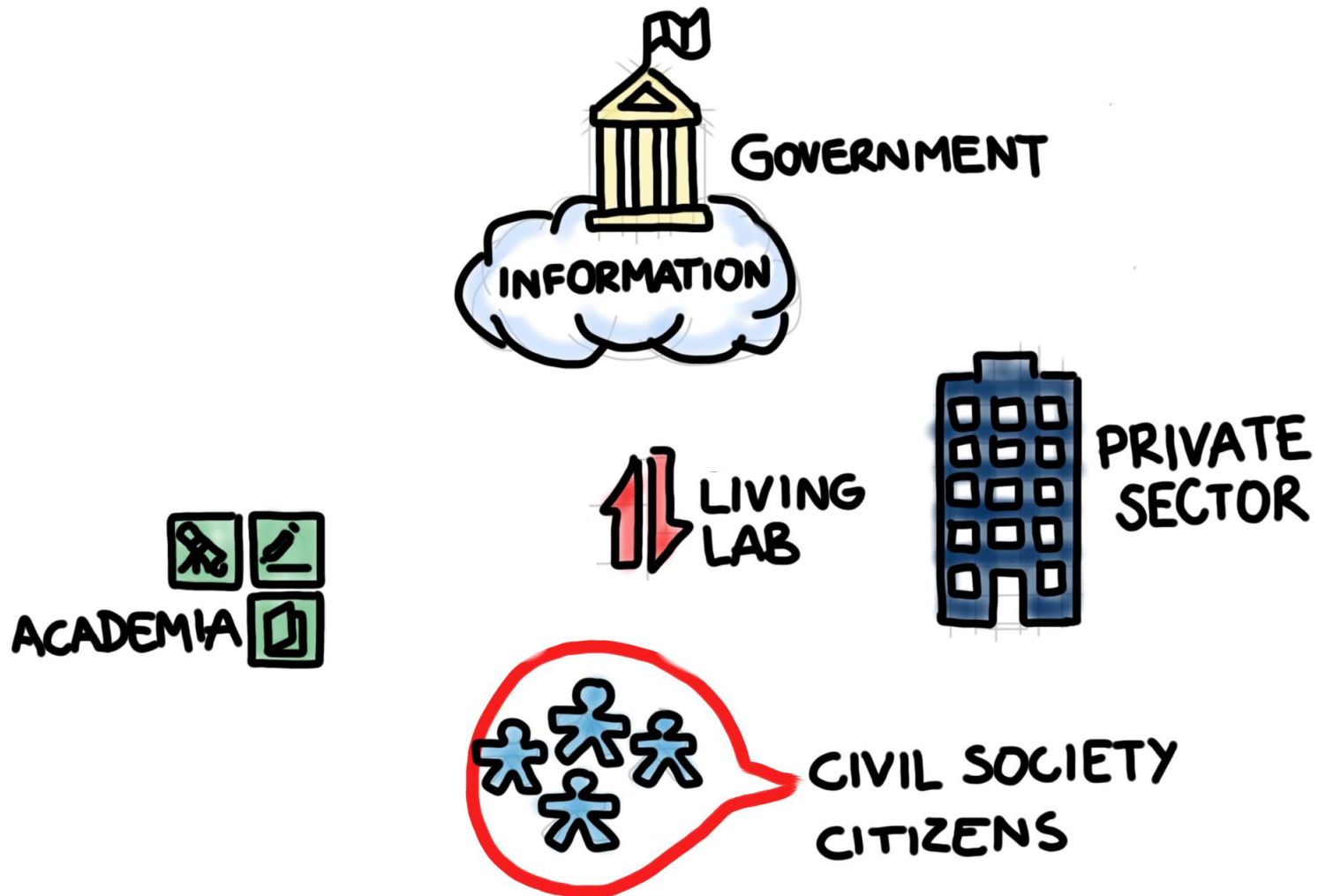
Foster Development of Broadband Applications

Mobile apps as a driver of demand



Source: Telegeography (mobile broadband) and Apple and Google (Apps downloads) through statista.com / * (Jan 2013)

Co-Creation of Services and Applications



Thank you

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References:

- Thompson, H. & Garbacz, C. (2011) Economic impacts of mobile vs. fixed broadband
- Deloitte, GSMA & Cisco (2012) What is the impact of mobile telephony on economic growth?
- World Bank (2011) Broadband Strategies Handbook