

Broadband for All

ITU Regional Development Forum for the Asia-Pacific (RDF-ASP) ICT (4) SDGs 21-22 May 2018

Broadband Development Challenges in Less Connected Geographies



Maturity of National Broadband plans, Policies and Regulations

Collaboration based on Sustainable Business Model (Funding) and Right-fit coverage solution only can address the challenges

The Fundamental Need of a National Broadband Plan



National Broadband Plan lays the foundation for ICT development focus

Ecosystem Responsibility

To go Fast, run alone, To go Far run together – African Proverb

Enabling the ICT Infrastructure Development



Source: GSMA 2017 Mobile Industry Impact Report : Sustainable Development Goals, GCI 2017

Affordability Key to Sustained Growth

Connectivity through ICT Infrastructure development results in Inclusive, Sustainable Economic Growth



ITU ICT-Eye Establishing a sustainable Universal Access and Service Fund (UASF)

Universal Service - services covered and	operator obligations (Latest data available: 2017)	Universal Service - services covered and	l operator obligations (Latest data available: :	2002)
Definition of universal service/access exists	Yes	Definition of universal service/access exists	Yes	
Universal access/service policy adopted	Yes	Universal access/service policy adopted		*
Voice services included in Universal service/access definition	Voice telephony services	Voice services included in Universal service/access	Fixed line public payphone service as part of univers definition	al service
Internet services included in Universal service/access definition	Broadband as part of universal service definition	demittion		
Other services included in Universal service/access definition	 Telecentres as part of universal service definition Schools (primary, secondary post secondary) :, Services for impaired/ elderly Women and girls 	Internet services included in Universal service/access definition		*
		Other services included in Universal service/access definition	• Emergency services as part of universal service defined	nition
Operators under universal access/service obligation	• All operators	Operators under universal access/service obligation		*
Operators/service providers required to offer below- cost prices	[№] Country I	Operators/service providers required to offer below- cost prices	Country P	*
Financing of Universal Service activities and/o	r Universal Service Funds (Latest data available: 2017)	Financing of Universal Service activities and/o	r Universal Service Funds (Latest data availa	able: 2002)
Financing of Universal Service activities and/o Means of financing operator(s) universal access/service obligations	r Universal Service Funds (Latest data available: 2017) • Universal service funds	Financing of Universal Service activities and/or Means of financing operator(s) universal access/service obligations	r Universal Service Funds (Latest data availa • Cross-subsidy between own services (internal financi • Access interconnection charges	able: 2002) ing)
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Vendors and Suppliers

Government + Communities + Operators + Business + Industry + Universities + Associations +..... = Enable Integrated Society

Business Model

Establishing a sustainable Universal Access and Service Fund (UASF)



Bridging Gaps

To go Fast, run alone, To go Far run together - African Proverk

Innovation

Wireless Solution – Key to Connecting the unconnected

4000



Wireless Broadband Solution key to ICT development in the Islands for both Home and other areas

WBB Speeds Up Broadband Development



Developed country: High FBB penetration, low growth rate. Demanding new broadband to cover more scenarios. *Developing country:* Low FBB penetration, demanding quick available and low cost broadband.





Deployment in Srilanka and Philippines have led to inclusive Broadband growth

Utilizing Existing Infrastructure For Cost savings and efficiency



Scenario 1:

- 9-11m Pole (Existing)
- Hotspot site
- Leverage on existing pole infra
- BTS Fibre



Scenario 2: 16-18m Pole (Existing)

Hotspot site/blind-spot Leverage on existing pole or new infra BTS Fibre

Reduce Deployment Cost

Expedite TTM

Efficiency in Resource Plan

Inclusive Broadband coverage



Scenario 3:

>30m Tower Rural site, driven by coverage demand

Leverage on existing pole or new infra

BTS Fibre

Efficiency

Summary



Thank You.

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