

ITU/BDT REGIONAL ECONOMIC AND FINANCIAL FORUM OF TELECOMMUNICATIONS/ICTs FOR LATIN
AMERICA AND THE CARIBBEAN

BRASILIA, JUNE 13-14 2016

CASE STUDY- TRINIDAD AND TOBAGO

IMPLEMENTATION OF A NATIONAL 'FREE' WiFi INITIATIVE

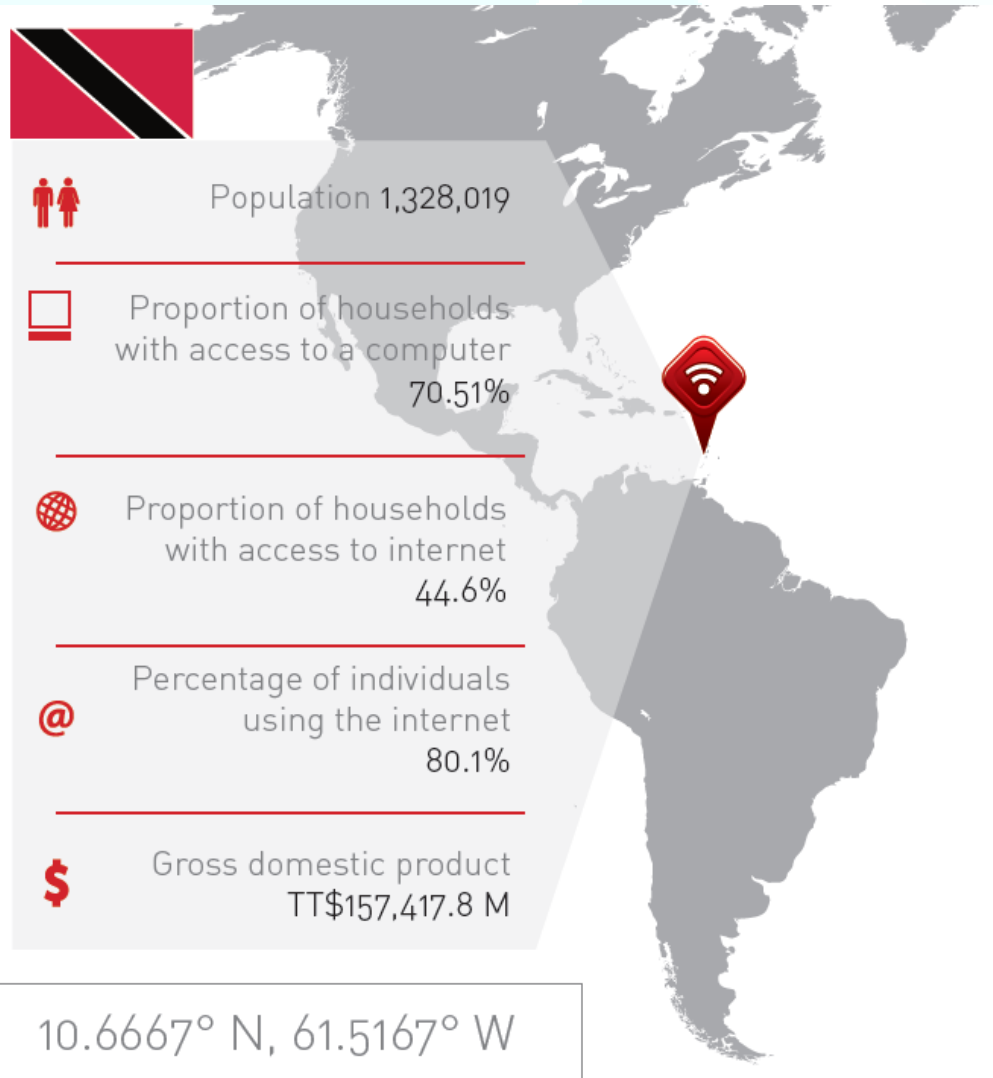
**CHAMPIONING THE BROADBAND PILLAR OF DEVELOPMENT &
THE UNIVERSAL SERVICE MANDATE**

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COUNTRY DIGITAL PROFILE



The National free Wi-Fi Initiative



Telecommunications Act-
Section 28 mandates the
provision of Universal Service:

*The Authority shall determine
the public telecommunications
services in respect of which
the requirement of universal
service shall apply.*

Universal Service Framework
for Trinidad and Tobago

&

Telecommunications
(Universal Service)
Regulations Approved



Basic Services Include:

- affordable fixed and mobile voice services;
- affordable broadband Internet services
- access to directory assistance;
- free 24-hour access to emergency call service
- free itemised billing upon request



National Free Wifi Initiative

Government of Trinidad and Tobago (GoRTT) initiative to deploy an nationwide public WiFi broadband network:

- *Platform for enhanced productivity.*
- *Increase uptake of ICTs and citizen engagement.*
- *Improve Universal access.*
- *Will not compete with broadband Internet access subscription services currently provided by ISPs, but rather to augment WiFi service, particularly in areas currently not served*

Free Public Wi-Fi Initiative- Scope & Technical Requirements



Phase 1:

Outfitting 13 PTSC Buses (Led by iGovTT)



Phase 2:

Creating hotspots at select transport hubs, including Water Taxi and Water Ferry terminals/docking areas; hospital waiting rooms, health centres; public libraries



Phase 3:

Creating Hotspots at other selected locations

Technical requirements:

- The user's landing page would be to a webpage defined by the government/TATT.
- The user's session for **free access shall be no less than 2 one-hour sessions/day** from any access point.
- Best effort throughputs to the public should be provided with user access speeds up to maximum of **2 Mbps download speed**.
- The Wifi Hotspot should meet the consumer quality of service requirement as specified in the Authority's guidelines and regulations.

Funding

(Regulation 12)

MANDATORY UNIVERSAL SERVICE INITIATIVES

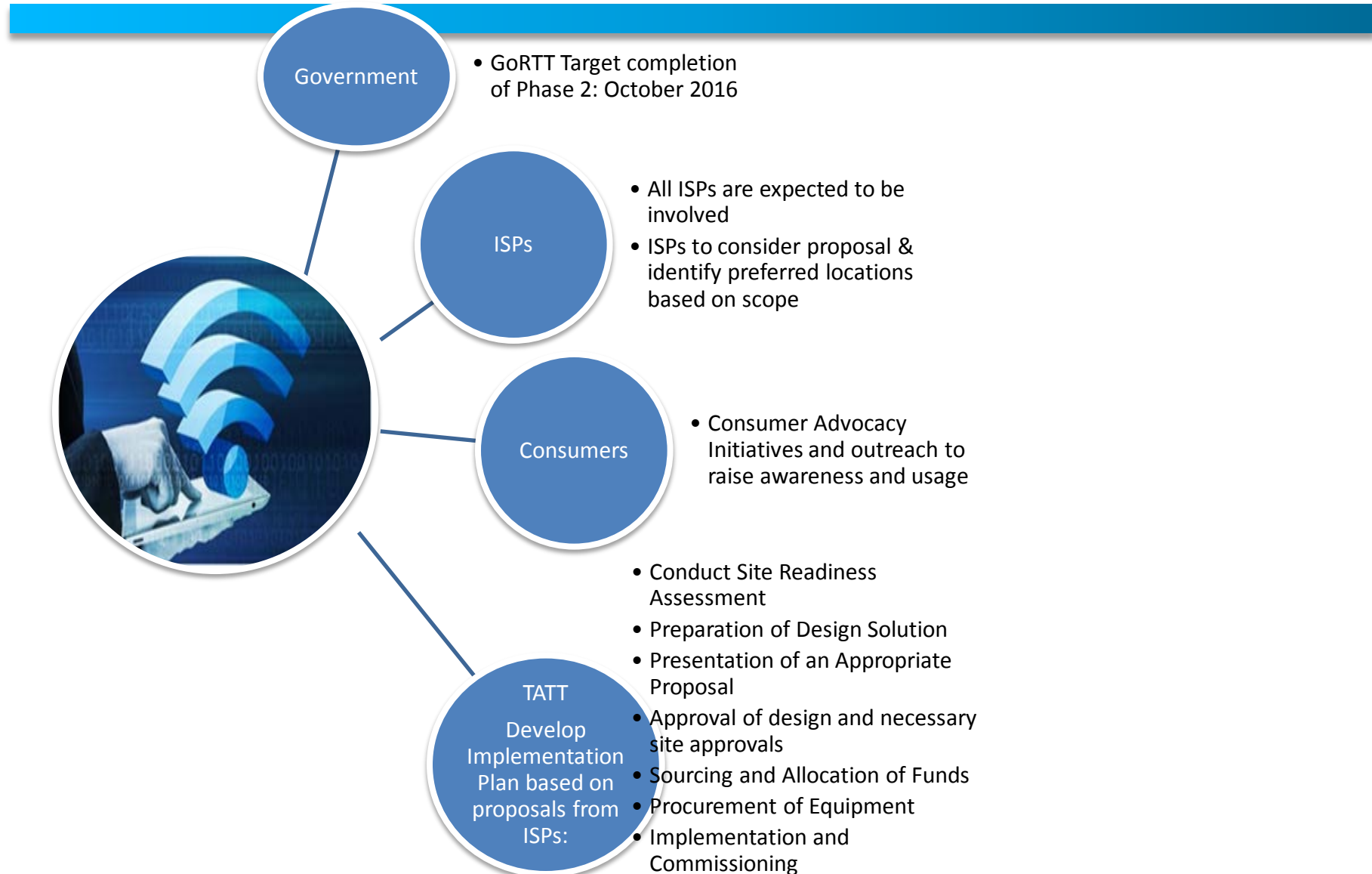
	Universal Service Initiative	Eligibility for USF Funding	Recurrent charges to the Universal Service Fund	Other Notes
1	Specialised provision of basic telecommunications services with approved assistive technology for the differently-abled	Yes	Limit to set up costs and recurrent costs to be defined by the Authority from time to time	Customer eligibility determined in accordance with Ministry with responsibility for Social Development
2	Provision of public access nodes to basic telecommunications services to be made available at: <ol style="list-style-type: none"> a. all Public Schools, b. all Public Libraries, c. all Hospitals, d. all Police Stations, 	No		Payphones and/ or Internet kiosks
3	The provision of Universal Access connectivity at a to the following locations: <ol style="list-style-type: none"> a. all Public Schools, b. all Public Libraries c. All public Hospitals 	No		Universal Access Rate of up to 40% of commercial rates as defined by the Authority for: <ul style="list-style-type: none"> o telephone services; o Internet bandwidth [as defined by the Authority from time to time] o Facsimile services

Spectrum Allocation



- Fixed wireless Internet service providers - use of BWA Spectrum to provide WiFi Access
- BWA Spectrum – 2.5GHz, 3.5GHz, 5.8GHz bands
- Fixed Wired Internet service providers – use of GPON

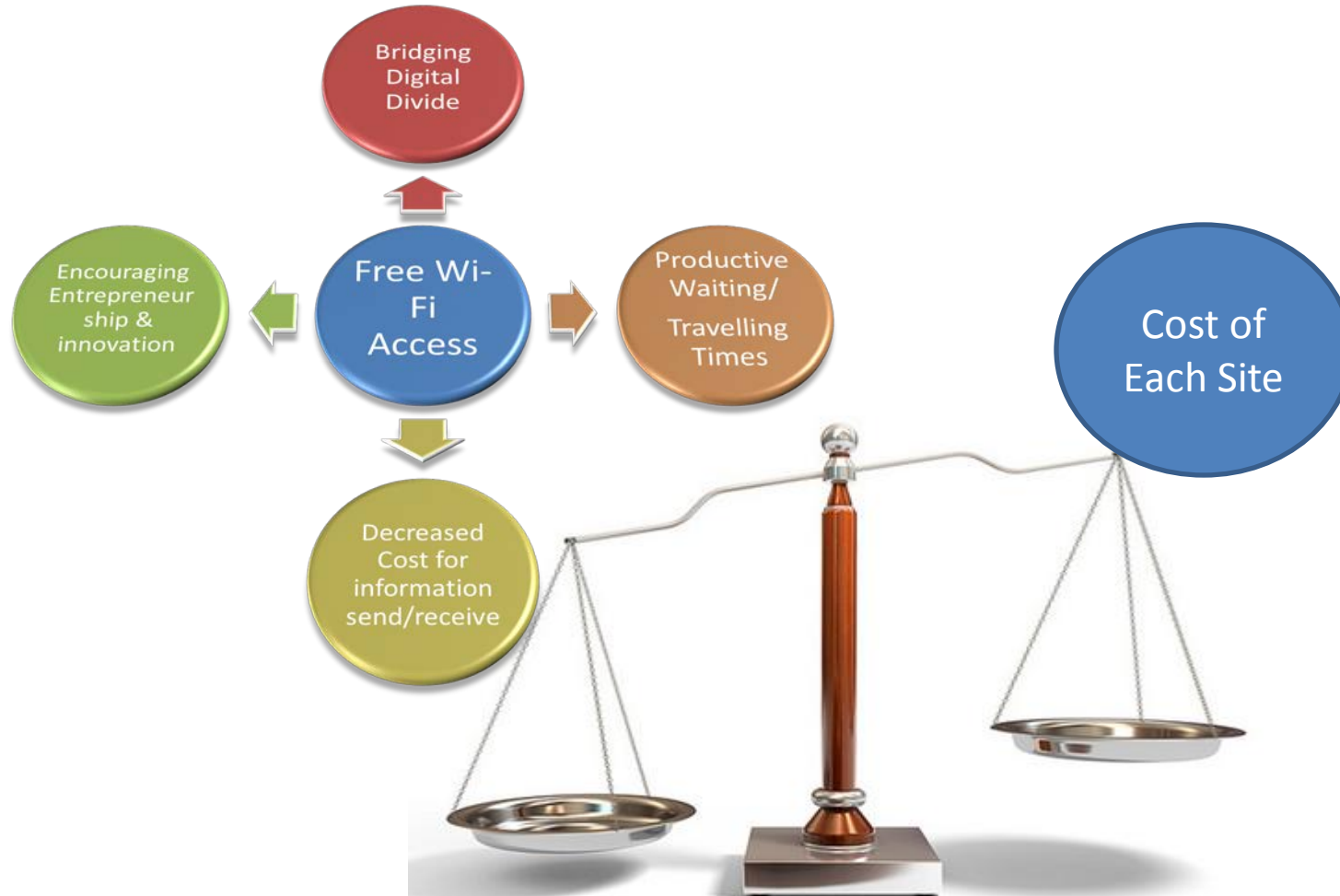
A coordinated multi-stakeholder approach



Location Allocation Methodology for ISPs

- Methodology:
 - The target locations for deployment of WiFi access shall be shared amongst the national ISPs.
 - Allocation of locations shall be proportionate, based on ISP annual revenues/USF contributions.
 - ISP's existing infrastructure shall be considered in the allocation of locations.
 - ISP's capability to access target locations shall be considered where infrastructure is not readily available.

Weighing the Benefits



Thank you

Questions?

For more information on the work of the
TATT, visit our website: www.tatt.org.tt