



ASIA-PACIFIC TELECOMMUNITY
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Bangladesh Telecommunication Regulatory Commission

BROADBAND SERVICES AND BANGLADESH

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"Broadband Service and bangladesh"

By

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Bangladesh Telecommunication Regulatory commission (BTRC)

Market

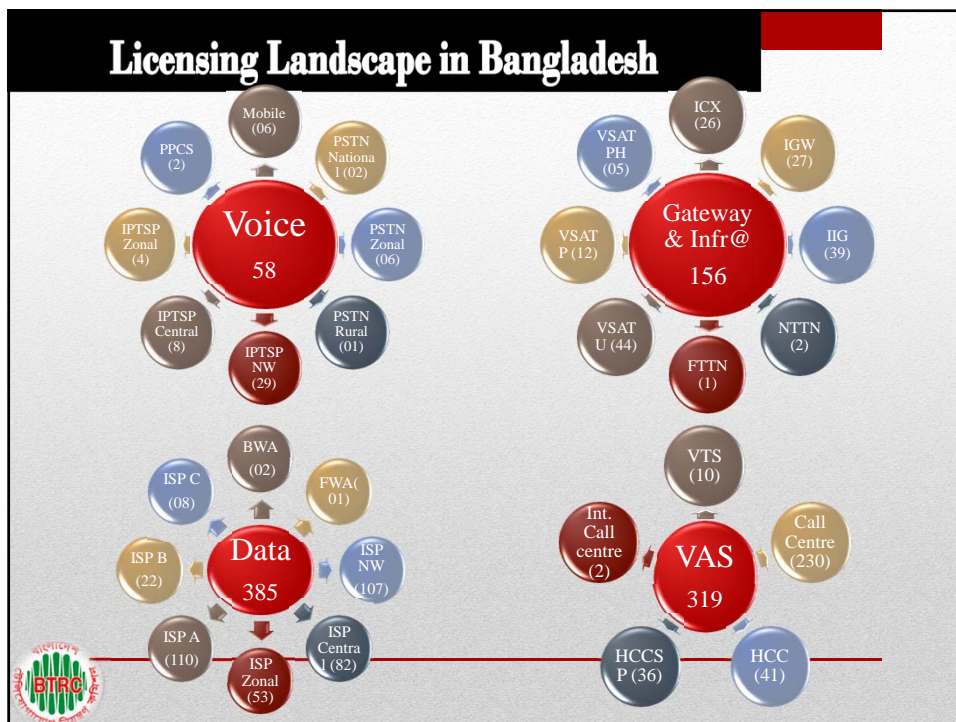
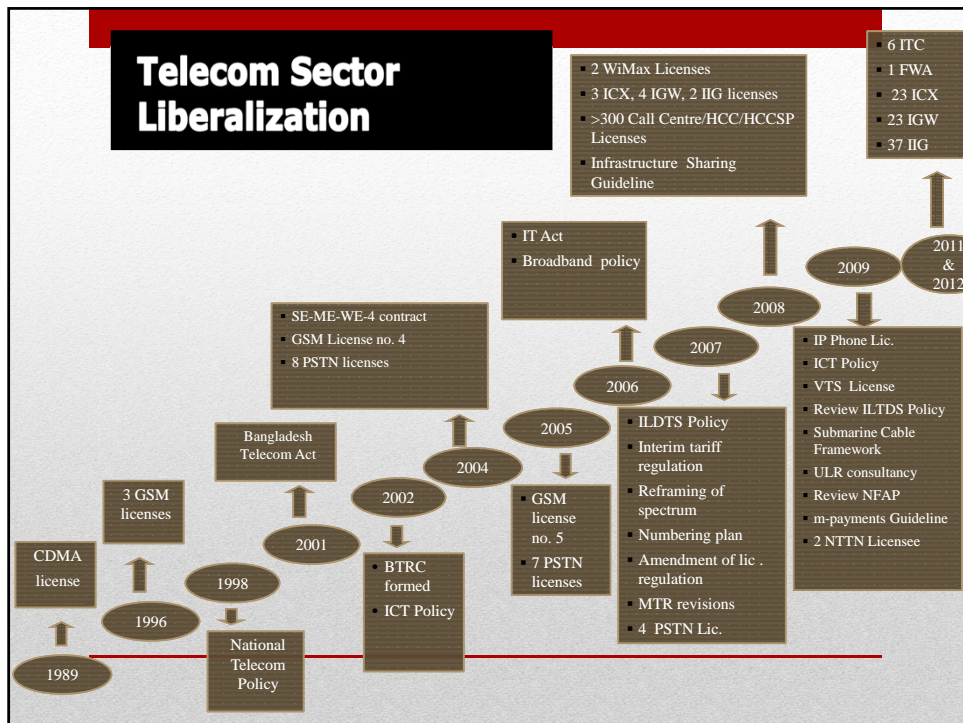
BANGLADESH

- **Competition : Intense**
- **charges : Declining**
- **Customer service : Improving**
- **Geographic coverage : Expanding**
- **New value-added services : Improving**



All these indications suggest a healthy & robust Telecommunication industry with promising growth in the area of technology, services and consumers' choices

3



Wireless Network Coverage

1997
3 /64 Districts



2000
30 /64 Districts



2002
50 /64 Districts



2004
61 /64 Districts



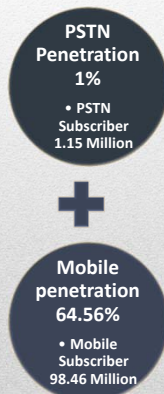
At present
64 /64 Districts



- ◆ 06 Mobile, 02 BWA Operator and ISPs
- ◆ Mobile Coverage : 90% Geographical and 98% Population
- ◆ 95% Geographical Coverage of EDGE/GPRS/CDMA 2000 1x

Telecom Penetration

◆ Voice



Telecom Penetration
65.56%
• Total Telecom Subscriber
99.61M

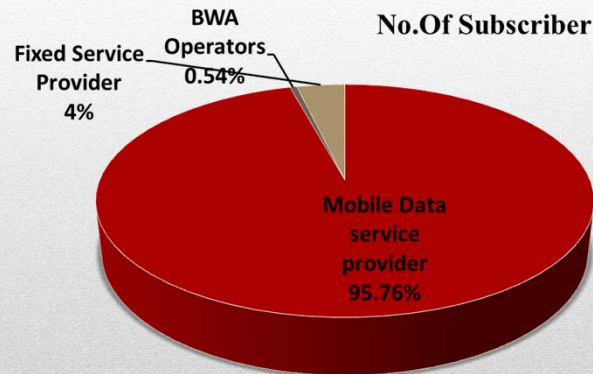
◆ Data



Internet penetration
20.52%
More than
30 million
data users is
mobile



Data Services



Telecom Infrastructure & Resources

Bangladesh



**More than 32,000
BTS**



**15000KM +
Nationwide Optical
Fiber**



**44.60 Gbps BW in
SMW-4**



**7000 Rural Touch
Point**



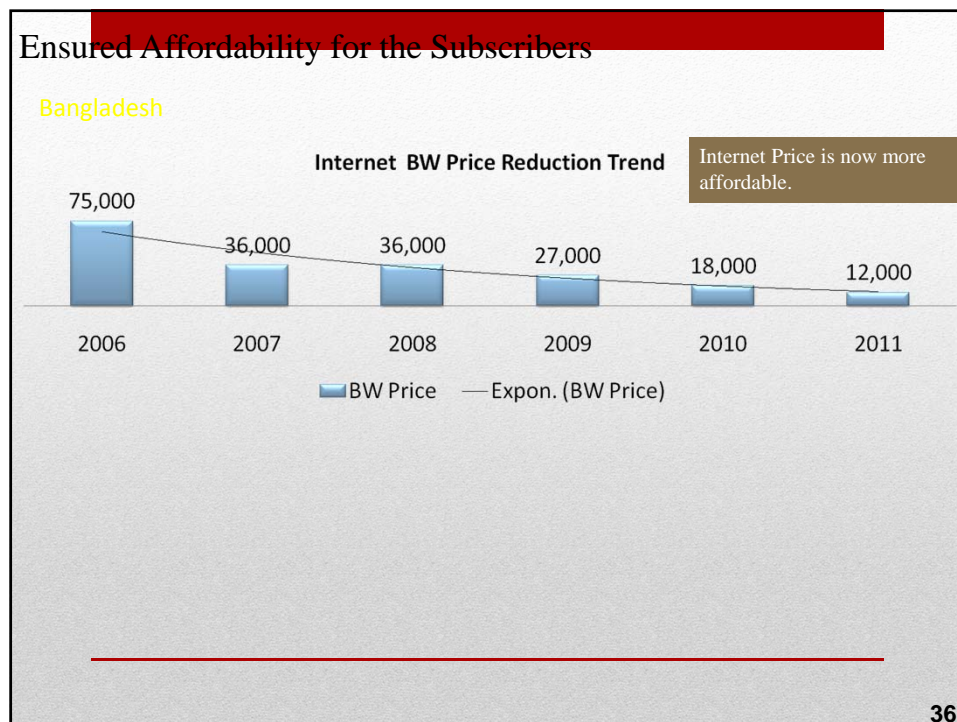
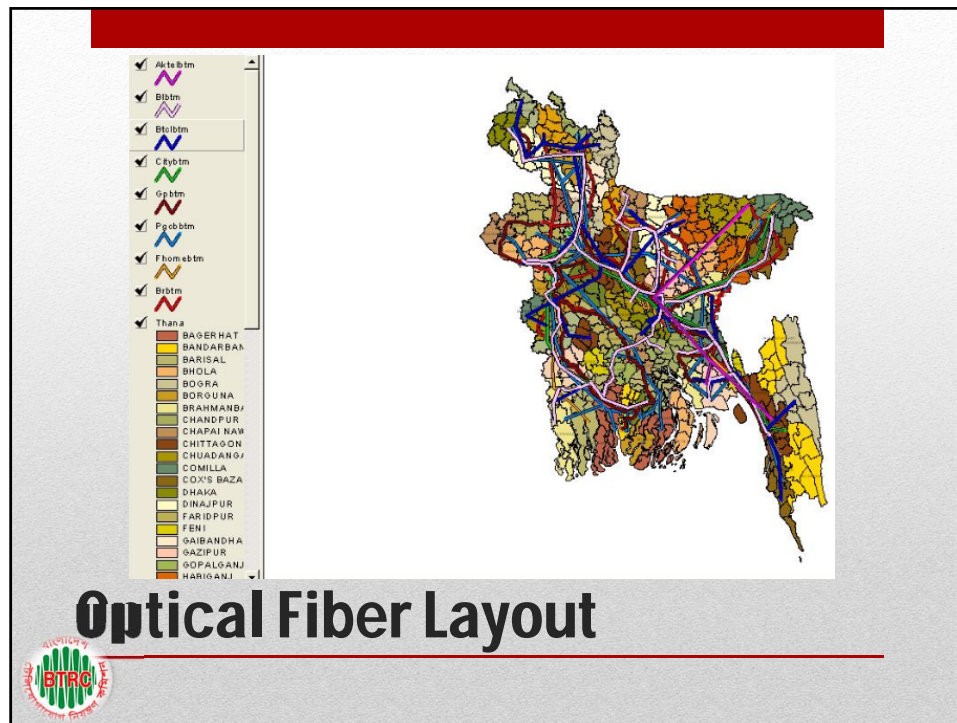
**About 50
Community Radios
are in Pipeline**



**More than 10 Lac
Skilled/Semi Skilled
Human Resources**



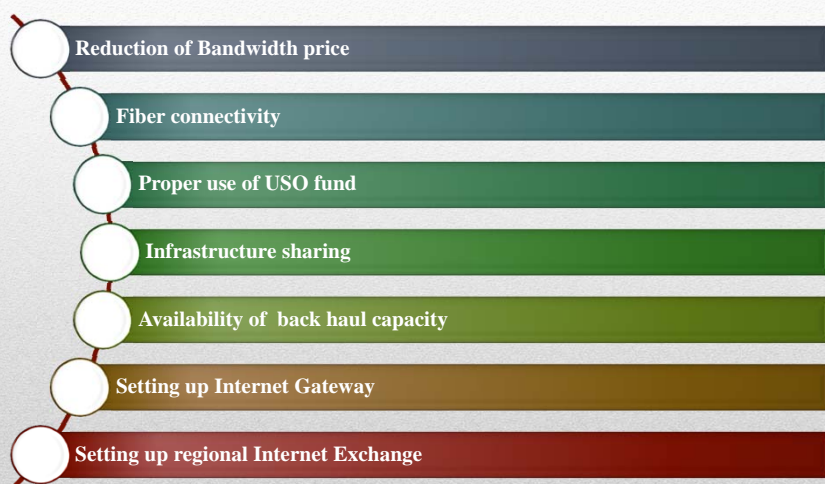
Bangladesh Telecommunication Regulatory Commission(BTRC)



- Limited fixed line connection and poor quality.
- End user Internet Bandwidth cost.
- Geographical terrain of Bangladesh.
- Limitations of back haul connection and high price of the connection.
- Limitations of comprehensive fiber optic infrastructure.
- Absence of smooth progression of technologies.
- High price of radio spectrum for broadband services.
- Not available local content in local language for local peoples

Limitations

Modalities

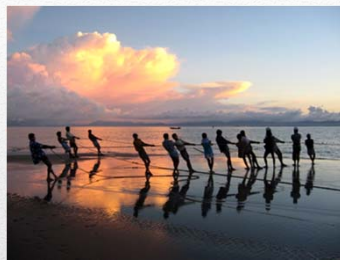


38

- Gather information from member country regarding their back haul capacity and the details of transmission network plan.
- Pricing for back haul capacity for both domestic end and the overseas end.
- Information related to broadband service provider with the interconnection modalities from member countries.
- Details of subscriber related information and penetration.
- Feasibility study to establish a regional IX.

Work Plan

The effort will continue to connect the unconnected....



THANK YOU
