Bangladesh Telecommunication Regulatory Commission (BTRC)

# Innovative USF Projects through name of SoF in Bangladesh

"ITU-USF Pakistan Work shop on Internet Access & Adoption

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**BTRC**

**10-11th October, 2018**
**Islamabad, Pakistan**

## Agendas:

- Country Profile.
- Statistics/Key Indicators.
- Telecom Information.
- Active Telecom operators.
- Development picture of Digital Bangladesh.
- Formation of SOF

Country Profile

- **Total Area: 1,47,570 sq. km.**
- **Land: 130,168 $km^2$ ; water: 17,402 $km^2$**

- **Geographical Location:**

**Latitude between 20°34' and 26°38' North**
**Longitude between 88°01' and 92°41' East**

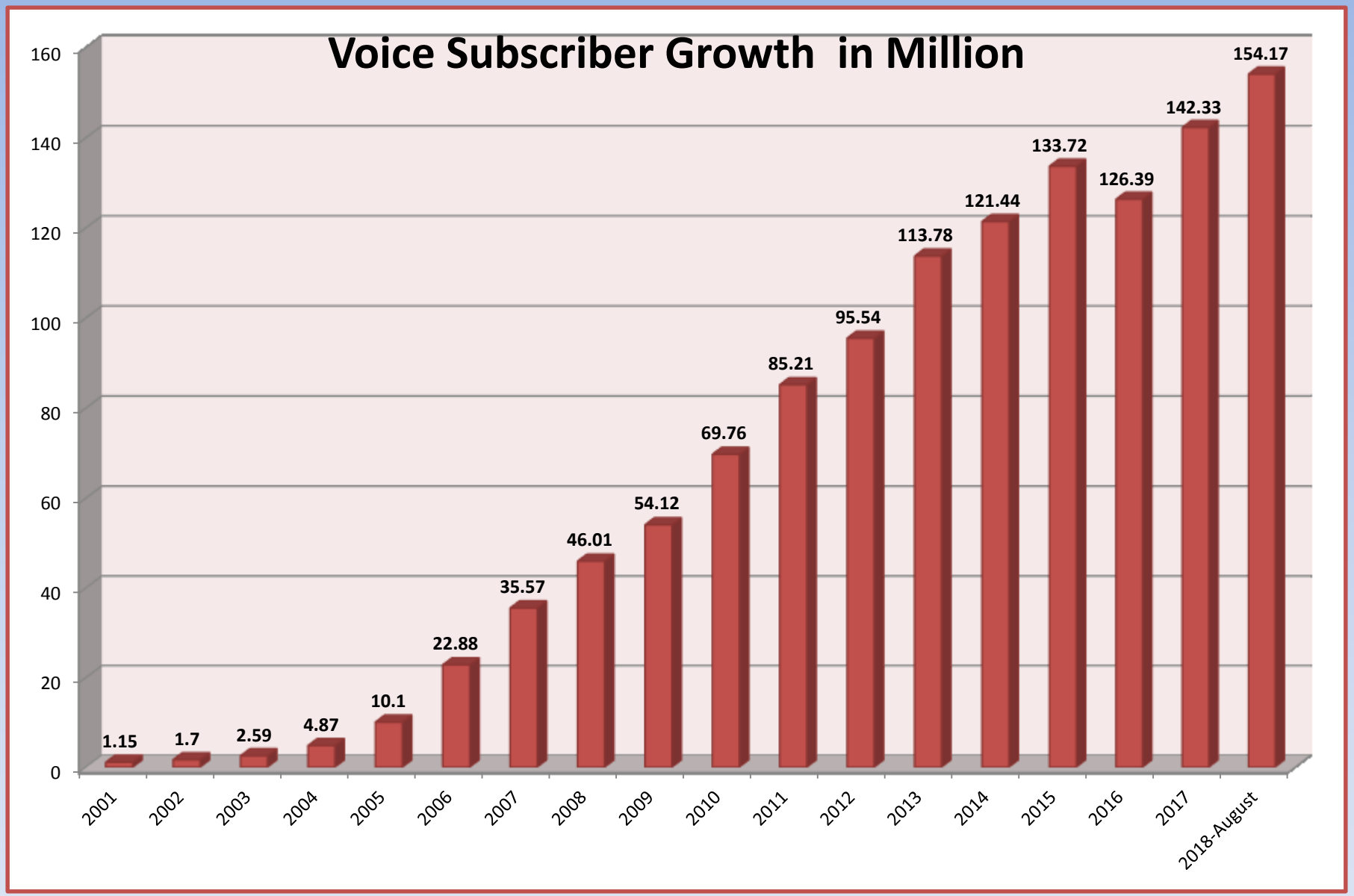
- **Population : 162,951,560**

- **Age Structure: 0-14 years: 30.8%; 15-49 years: 53.7%;**
  **50-59 years: 8.2%; 60 years and over: 8.1%**

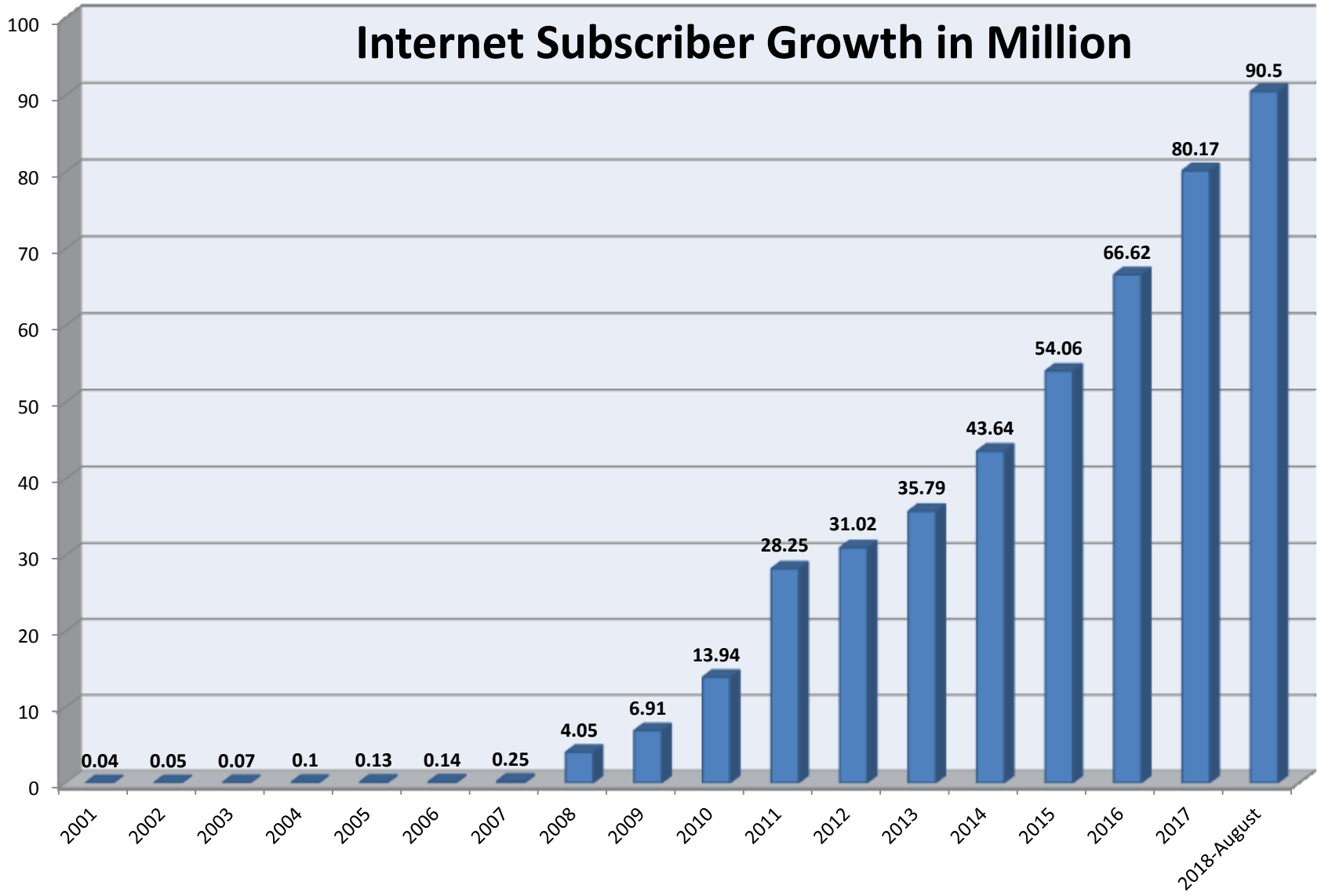
- **Population Density : 1,104 people per sq. km**

- **GDP: $1602 (Source: Bangladesh Economic Review- 2017)**
- **GDP Growth Rate : 7.24% (Source: Bangladesh Economic Review- 2017)**

# Statistics/ Information




**Mobile penetration: 91%**


Internet Subscriber Growth in Million
100
90
80
70
60
50
40
30
20
10
0
0.04
0.05
0.07
0.1
0.13
0.14
0.25
4.05
6.91
13.94
28.25
31.02
35.79
43.64
54.06
66.62
80.17
90.5
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018-August

# KEY INDICATORS

## AS ON AUGUST 2018

Teledensity
93.26 %

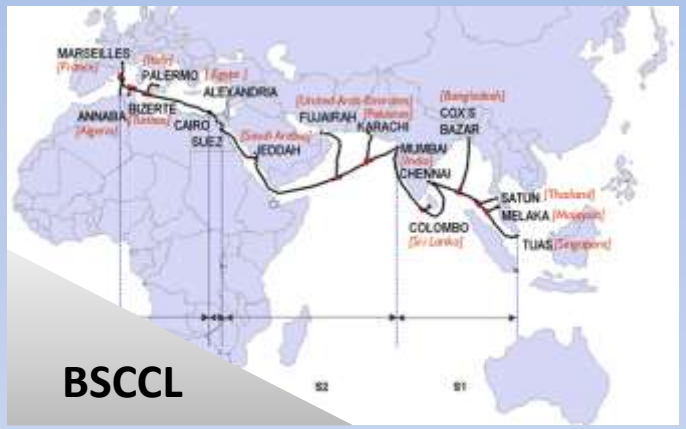
Internet Density
53.05 %

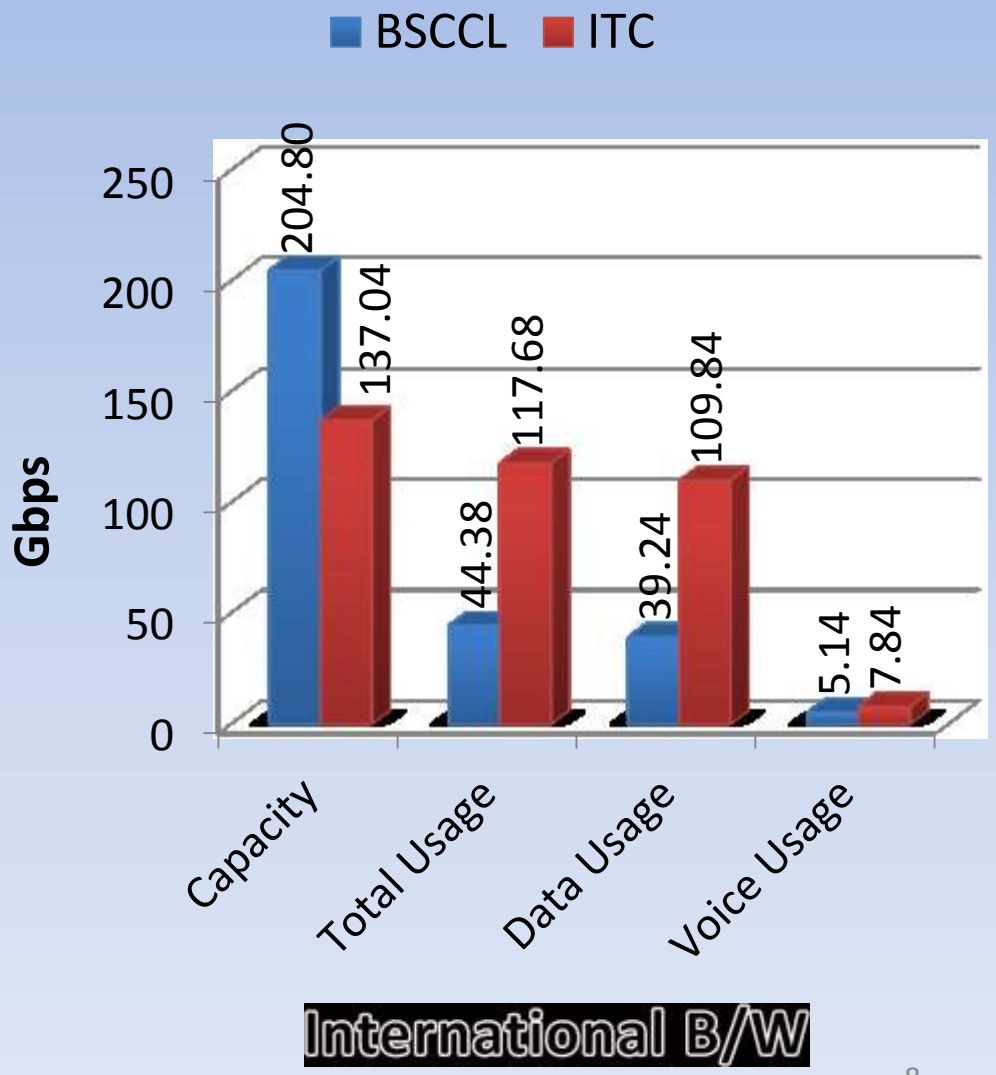
2G data Penetration
33%

3G data Penetration
65 %

4G data Penetration
5 %

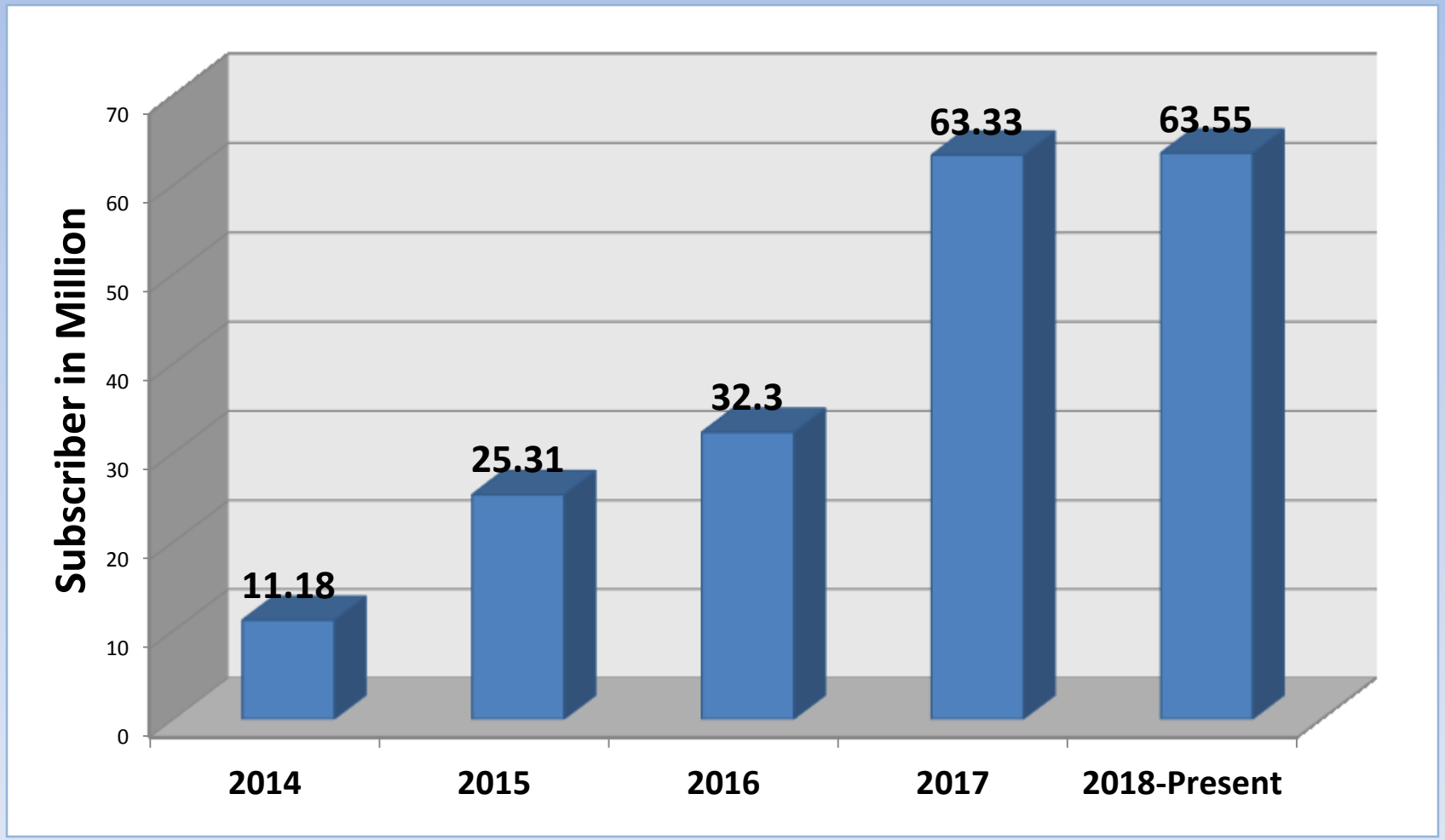
# INTERNATIONAL CONNECTIVITY



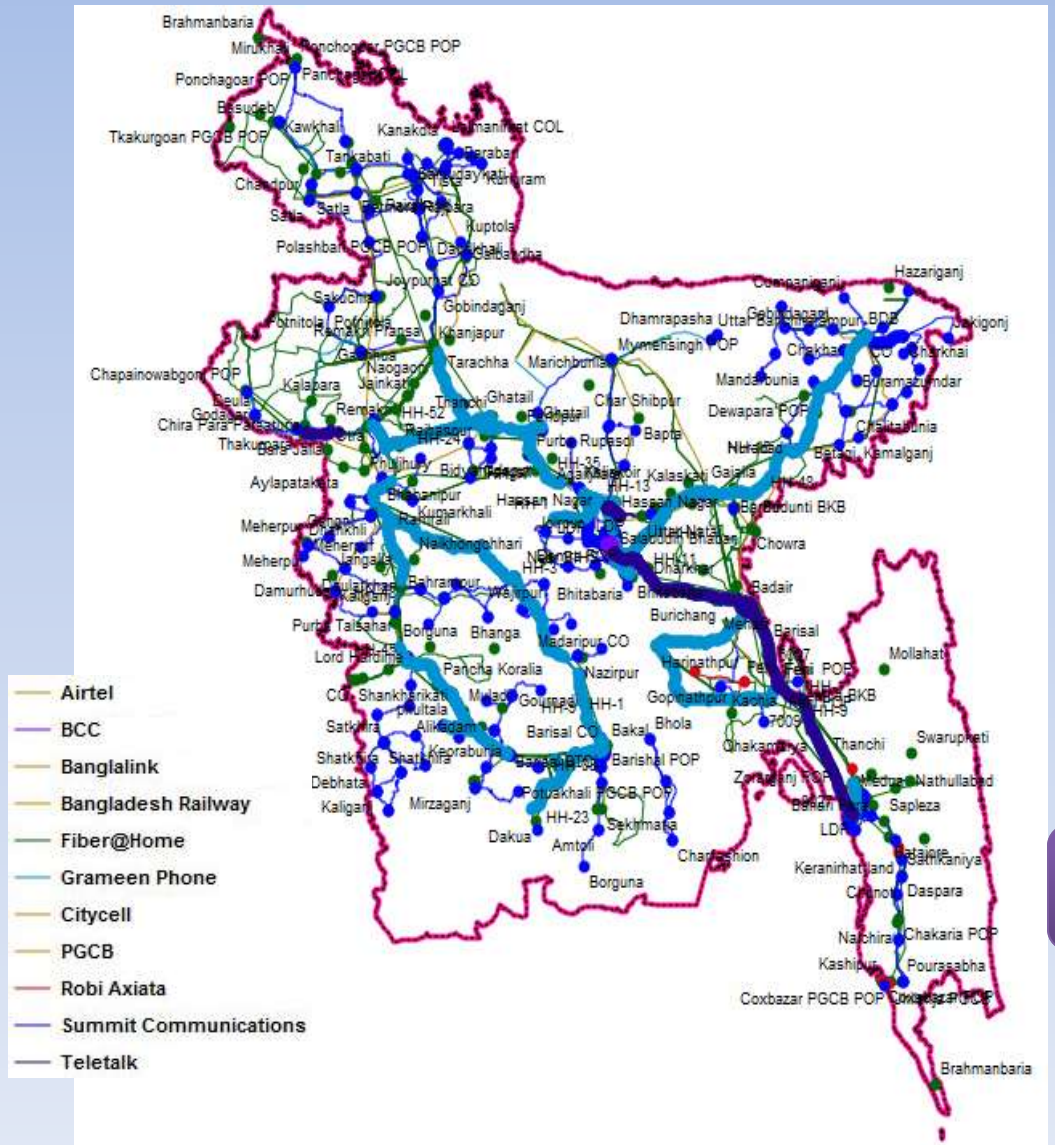


# 3G SUBSCRIBERS

## YEARLY GROWTH

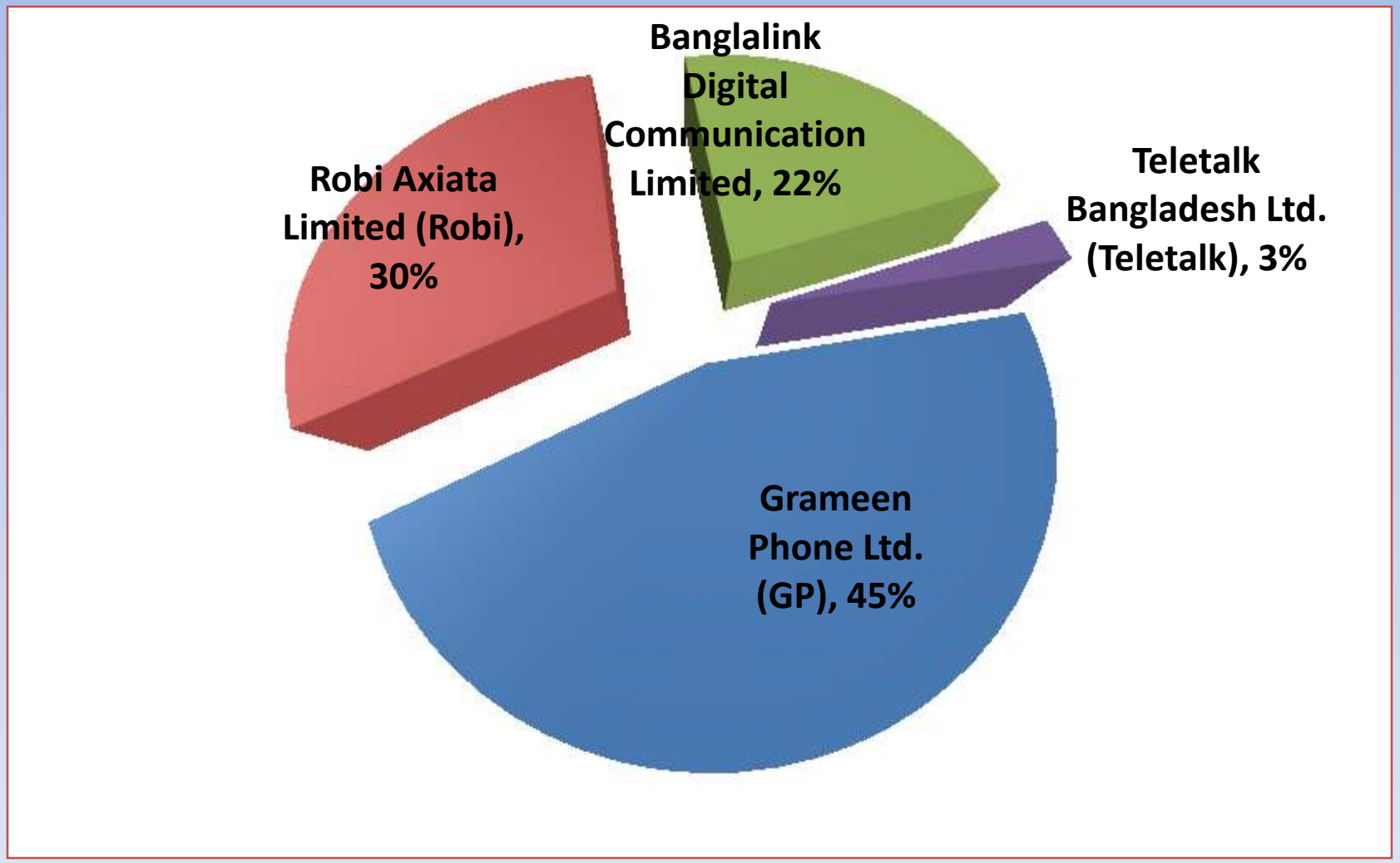


# NATIONWIDE OFC NETWORK

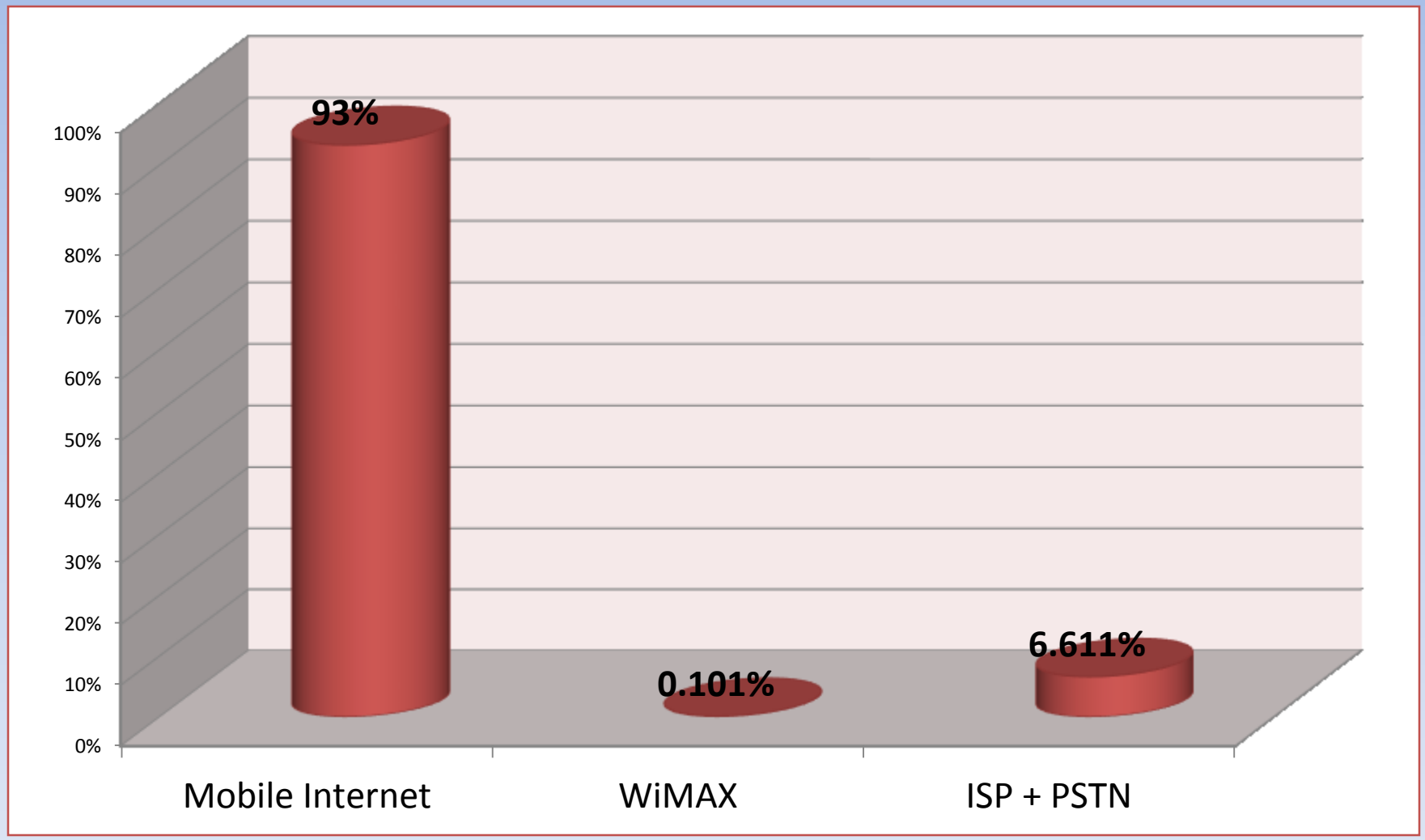



| | |
|---|---|
| OFC Length | 111,369 km |
| Divisions Covered | All (7) |
| Districts Covered | All (64) |
| Upazillas Covered | 485 (488) |
| Unions Covered | 4,149 (4,587) |

# OPERATORS MARKET SHARE(VOICE)



# OPERATORS MARKET SHARE(INTERNET)



# Telecommunication Sector of Bangladesh

# ACTIVE TELECOM OPERATORS

## ILDC/ Infrastructure Operators

| Sl. | Category | Licensee | Operational |
|---|---|---|---|
| 1 | Submarine Cable | 2 | 2 |
| 2 | International Terrestrial Cable (ITC) | 6 | 6 |
| 3 | Nationwide Telecommunication Transmission Network (NTTN) | 5 | 5 |

## Gateway Operators

| Sl. | Category | Licensee | Operational |
|---|---|---|---|
| 1 | International Gateway (IGW) | 25 | 23 |
| 2 | Interconnections Exchange (ICX) | 26 | 26 |
| 3 | International Internet Gateway (IIG) | 37 | 27 |
| 4 | National Internet Exchange (NIX) | 2 | 2 |

# ACTIVE TELECOM OPERATORS

## ANS Operators

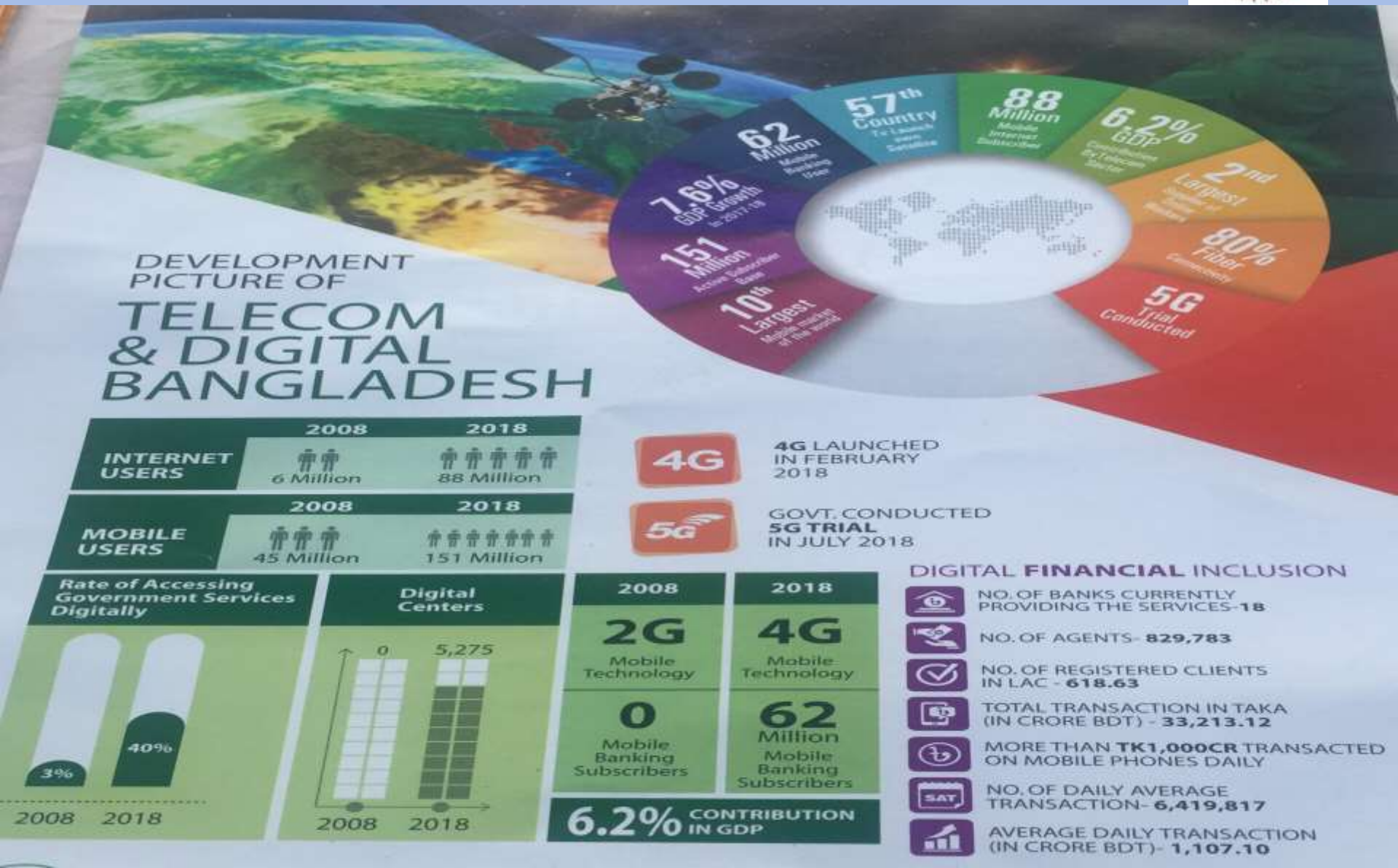
| Sl. | Category | Licensee | Operational |
|---|---|---|---|
| 1 | Cellular Mobile Telecom Operator | 4 | 4 |
| 2 | Public Switched Telephone Network (PSTN) | 12 | 3 |
| 3 | Broadband Wireless Access (BWA) | 3 | 3 |
| 4 | 3G Cellular Mobile Phone Operator | 4 | 4 |
| 5 | Internet Protocol Telephony Service Provider (IPTSP) | 42 | 23 |
| 6 | Internet Service Provider (ISP) | 247 | 168 |
| 7 | Category (A, B, C) ISP | 252 | 186 |

# ACTIVE TELECOM OPERATORS

## Other Operators

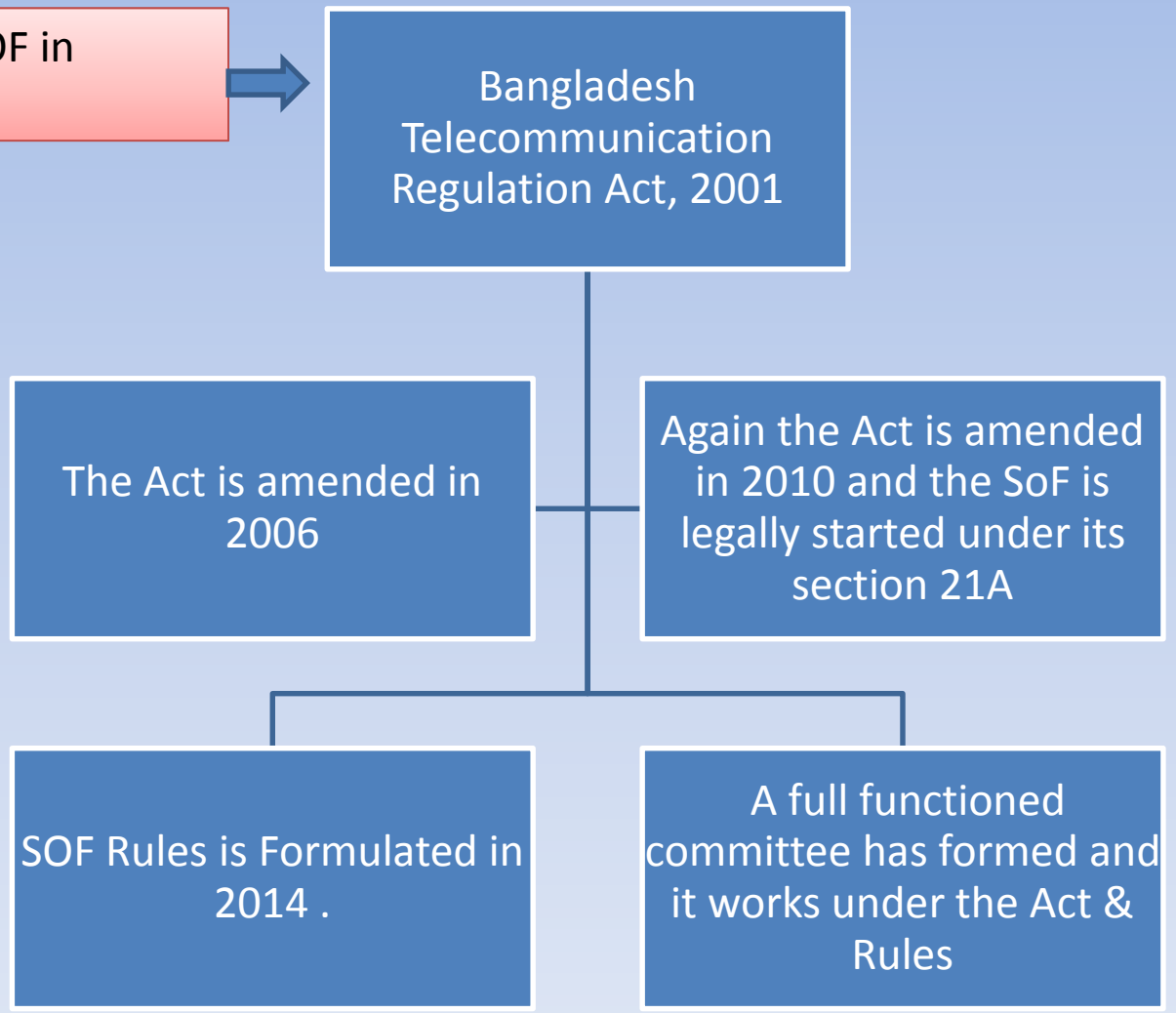
| Sl. | Category | Licensee | Operational |
|---|---|---|---|
| 1 | Vehicle Tracking Services (VTS) | 22 | 17 |
| 2 | Call Centre (CC, ICC, HCC, HCCSP) | 280 | 93 |
| 3 | VoIP Service Provider (VSP) | 881 | 881 |

# DEVELOPMENT PICTURES



# SOCIAL OBLIGATION FUND (SOF):

Evolution of SOF in Bangladesh



# SOCIAL OBLIGATION FUND (SOF)

SOF in Bangladesh:

SOF is a Fund which is created for Providing the Telecommunication and Information technology Service in Telecommunication facilities deprived area. It is basically used for, to create special Telecommunication system for the project implementation with disaster handling or management.

Sources of Fund:

- Government Contribution.
- Contribution from Domestic or Foreign or International organization.
- Subscription from All Telecom operators.
- Contribution from others valid source.

# SOCIAL OBLIGATION FUND (SOF)

## Rate of SOF:

BTRC is collecting 1% of an operator's annual gross revenue (against **Social Obligation Fund**). The operators are required to maintain a separate account for this. BTRC also maintain a separate bank account to manage the SOF Fund.

BTRC may changes the rate of subscriptions of operators for SOF by the prior approval of Government.

# SOCIAL OBLIGATION FUND (SOF)

Social Obligation Fund Management committee:

A Management committee is formulated under the Rule 3 of SOF rules comprising eleven members:

| | |
|---|---|
| 1 | Minister, Ministry of the Posts, Telecommunications and ICT |
| 2 | Secretary, Posts and Telecommunications Division |
| 3 | Secretary, Information & Communication Division |
| 4 | Secretary, Ministry of Social Welfare |
| 5 | Chairman, BTRC |
| 6 | Vice Chairman, BTRC |
| 7 | Managing Director, BTCL |
| 8 | Member from Association of Mobile Telecom Operators |
| 9 | Member from Association of PSTN Operators |
| 10 | Member from Internet Service Providers Association |
| 11 | Member selected from BTRC as Member Secretary |

# SOCIAL OBLIGATION FUND (SOF)

The functions of the committee:

- The Total Management of SOF is vested on the committee.
- The committee will deploy the working plan regarding fund allocation.
- Project Implementation and Approval.
- To Maintain transparency, accountability and Auditing to the project.
- Annual budget approval of SOF

# SOCIAL OBLIGATION FUND (SOF)

Present status of SOF

- Total collection of SOF is around Tk 13.80 billion up to last January, 2018.
- Around Tk 11.9 billion came from operators & 1.9 billion from Bank Interest in the last six years.
- The ICT division has recently sought financial support from the fund to provide 772 unions with internet connectivity through fiber optic cables by the end of 2018.

# References


- www.btrc.gov.bd;
- www.bangldesh.gov.bd;
- www.bbs.gov.bd;
- Bangladesh Economic Review-2017

Thank You!