Joint ITU-UNIDO Forum on Sustainable Conformity Assessment for Asia-Pacific Region

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Telecom Regulatory in Myanmar

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Brief about Myanmar

Geography

❖ largest on the mainland in south-east Asia

❖ total land area of 676,577 square kilometer

❖ International borders of 5858 Kilometer with-

   Bangladesh ,India ,China, Thailand and Laos

❖ total coastal line length 2832kilometer.

❖ 2090 km (north to south)and 925 km

   (east to west).

Topography

❖ 50% of mountains and forests

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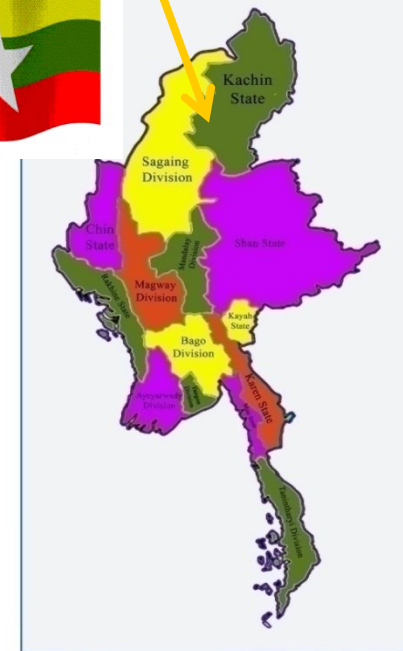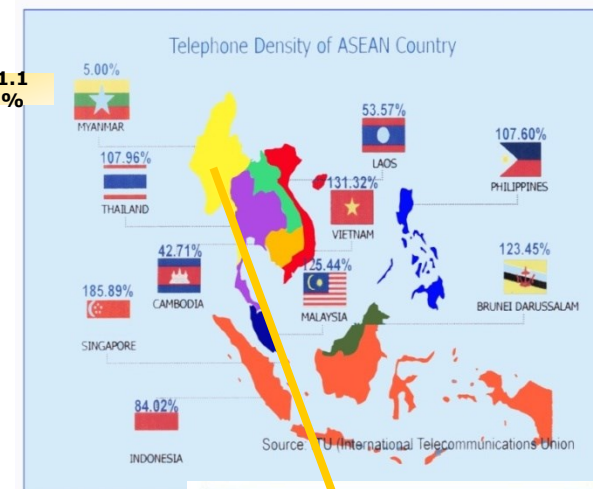
Evolution of Market Structure

- Myanmar Post and Telecom (MPT) is the current operator and Second Myanmar Operator will come.

- Two new licensees(Telenor and Ooredoo) have been selected to provide telecommunications services in Myanmar as Integrated license operators.

- Telecommunications law is promulgated on 8-10-2013.

- New law allows international and domestic private sector can participate in free and fair competition.

- Independent Regulator to be established in 2015.

Institutional Setup until end 2015

MCIT as Policy maker

PTD as regulator and licensor

MPT, Second Myanmar Operator and two new mobile operators

Other operators will be licensed to provide various services (e.g infrastructure provider, network service, application service etc)

Current Ministry Structure

**Minister ,
Ministry of Communications and
Information Technology**

**DG - Posts and
Telecommunications
Department
(Government Regulatory)**

**MD- Myanmar Posts and
Telecommunications
(Government Own Operator)**

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Our Vision-Telecom Policy

- To increase deployment of national telecommunications infrastructure.

- To provide a financially viable telecommunications sector conductive to sustainable investment in telecommunications infrastructure.

- To improve the efficiency and effectiveness of telecommunications service delivery to end users.

- To provide telecommunication services at the affordable price.

- To fulfill universal services obligation to the people of Myanmar.

Our Vision- ICT Policy

- **Promote cooperation for ICT development**

- **Enhance competitiveness of the ICT sectors**

- **Promote cooperation to reduce digital divide**

- **Promote cooperation between State and private sectors**

- **Increase the availability of information technologies to all the citizens of our country.**

5 Key Regulations

1. Licensing Regulation

2 . Spectrum Regulation

3 . Numbering Regulation

4 . Interconnection and Access Regulation
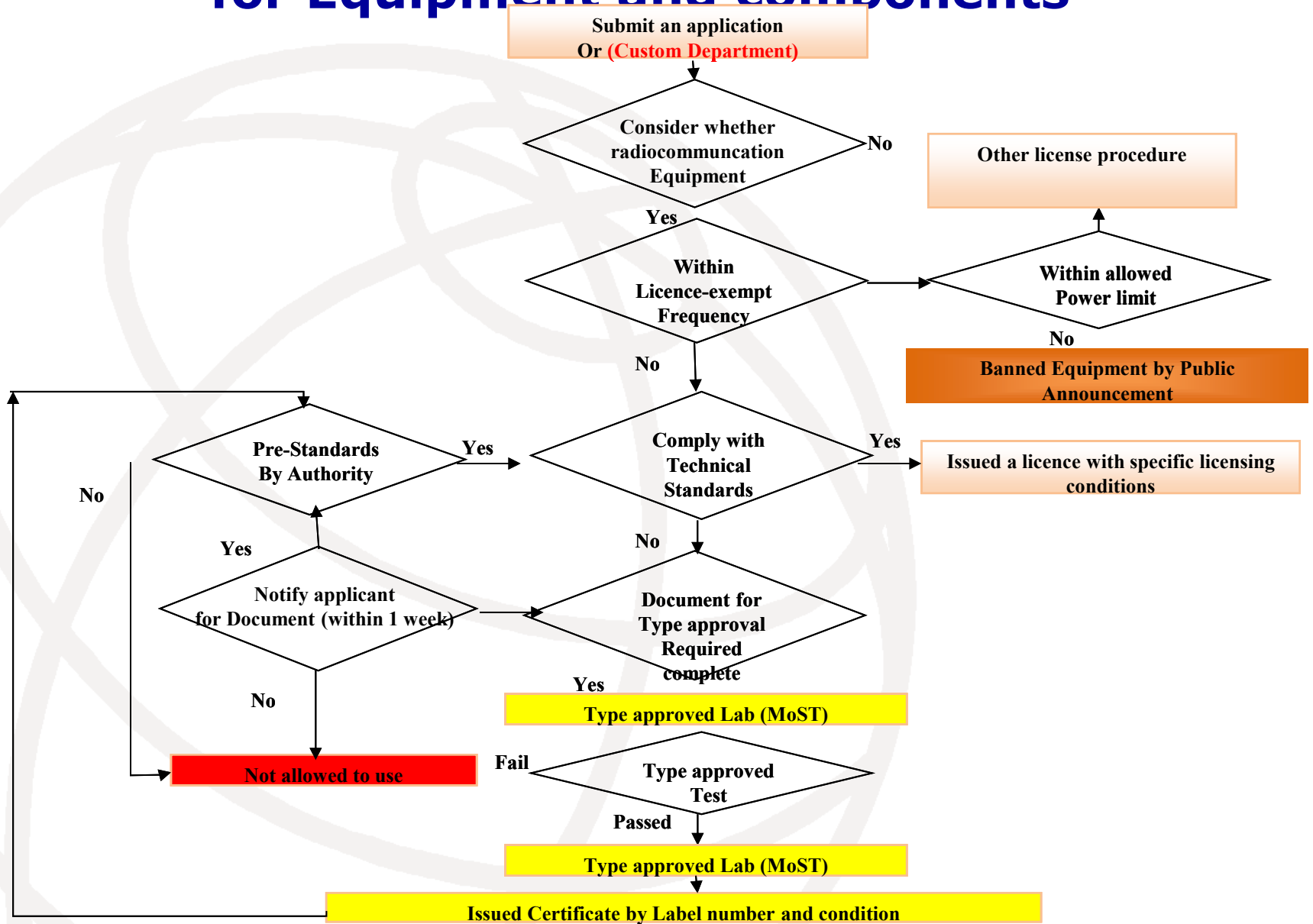
5 . Competition Regulation

Public Consultations will be held before finalizing the regulations(2-12-2013).

Next set of regulatory instruments to be developed:

- Universal Access Strategy, Regulations/Procedures

- Consumer protections

- Standardization and Type Approval

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Proposed Procedure for a license for Equipment and components

Submit an application Or (Custom Department)

Consider whether radiocommuncation Equipment — No → **Other license procedure**

Yes

Within Licence-exempt Frequency → **Within allowed Power limit**

No → **Banned Equipment by Public Announcement**

No

Pre-Standards By Authority — Yes → **Comply with Technical Standards** — Yes → **Issued a licence with specific licensing conditions**

No

Yes

Notify applicant for Document (within 1 week) → **Document for Type approval Required complete**

No

Yes

Type approved Lab (MoST)

Not allowed to use

Fail ← **Type approved Test**

Passed

Type approved Lab (MoST)

Issued Certificate by Label number and condition

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9

Telecom Reform Trend

Government Monopoly → Fully Competition

Infrastructure Expansion by Budget → Infrastructure Expansion by Investment

Barrier to Foreign Investment → Legal Framework to FDI
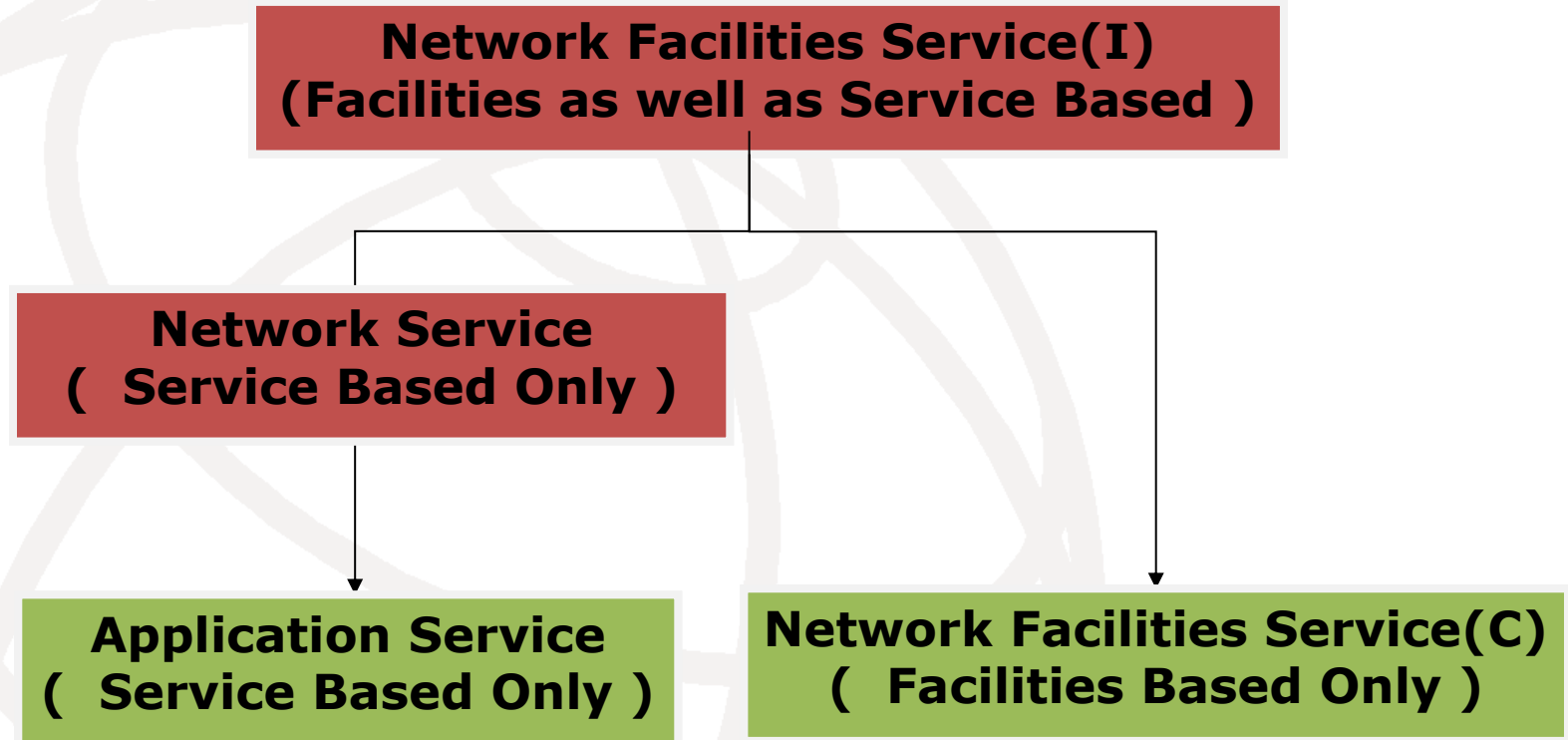
SIM distribution by Quota (Not depend on Market demand) → Rapid Growth of tele-density exciding 75-80% by 2015-2016

Regulator is a government Department → Regulator is a facilitator to develop telecom Industry

Proposed Licensing Hierarchy

**Network Facilities Service(I)
(Facilities as well as Service Based)**

**Network Service
(Service Based Only)**

**Application Service
(Service Based Only)**

**Network Facilities Service(C)
(Facilities Based Only)**

The telecom sector will comprise of four integrated licensees + licensees of specific types of license

FIXED CUSTOMERS

MOBILE CUSTOMERS

APPLICATION

Value Added services

Distribution Network / Call Centre

MVNOs

MANY PLAYERS

NETWORK SERVICE

FIXED OPERATORS

ISPs

MPT

Second Myanmar Operator B

Telenor

Ooredoo

LIMITED # OF MOBILE NETWORK SERVICE PLAYERS (SPECTRUM IS RARE)

INFRA-STRUCTRURE

CABLE   WLL 2)

Many businesses to serve main operators, *e.g.*:
- Towerco (Install., maintenance, operations)
- Fibre network (Install, lease, maintenance)

MANY PLAYERS

1) Value added Services (such as music, directory services, apps, ringtones, GPS maps, ...) ; 2) Wireless loop unbundling

Reference Slide by RB

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WELCOME TO MYANMAR

Thank you

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13