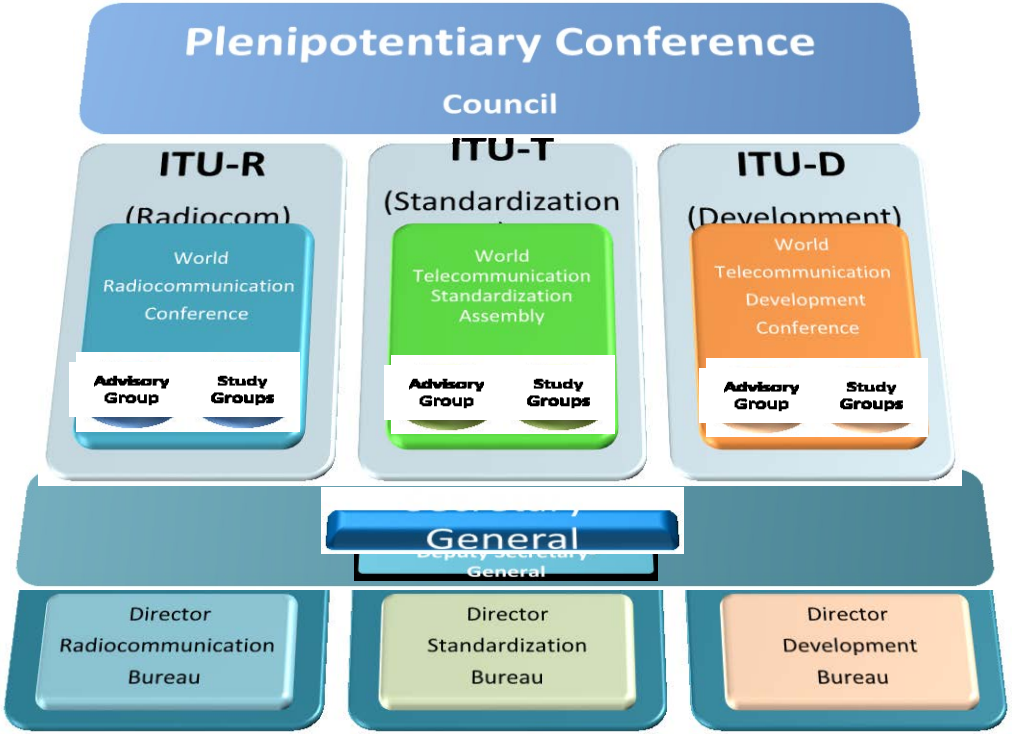
ITU at a glance

Getting to know the United Nations specialized agency for information and communication technologies

Structure

Our governance



ITU: Elected Officials (2015-2018)

Mr. Houlin Zhao
ITU Secretary-General

Mr. Malcolm Johnson
ITU Deputy Secretary-General

Mr. Brahima Sanou
Director
Telecommunications Development Bureau

Mr. Francois Rancy
Director
Radiocommunications Bureau

Mr. Chaesub Lee
Director
Telecom Standardization Bureau

01 | *About us*

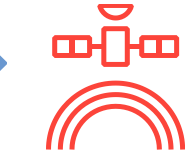
what we do

Meet us

What we do

‘Committed to Connecting the World’

3 Sectors



ITU Radiocommunication

Coordinating radio-frequency spectrum and **assigning** orbital slots for satellites

ITU Standardization

Establishing global standards

ITU Development

Bridging the digital divide

02 | *How we got here*

timeline

TIMELINE

1865
We were founded

1906
First SOS

1932
New name: International Telecommunication Union

1880
Invention of radio

1925
First TV broadcast

1957
Space age comms

TIMELINE

1973
First mobile phone call

2010
Broadband Commission

2015
Let's celebrate!

1969
Internet

2003/5
WSIS/ Bridging the Digital Divide

2014
ICT innovation for the future

03 | *Where are we?*

presence

03 | *Where are we?*

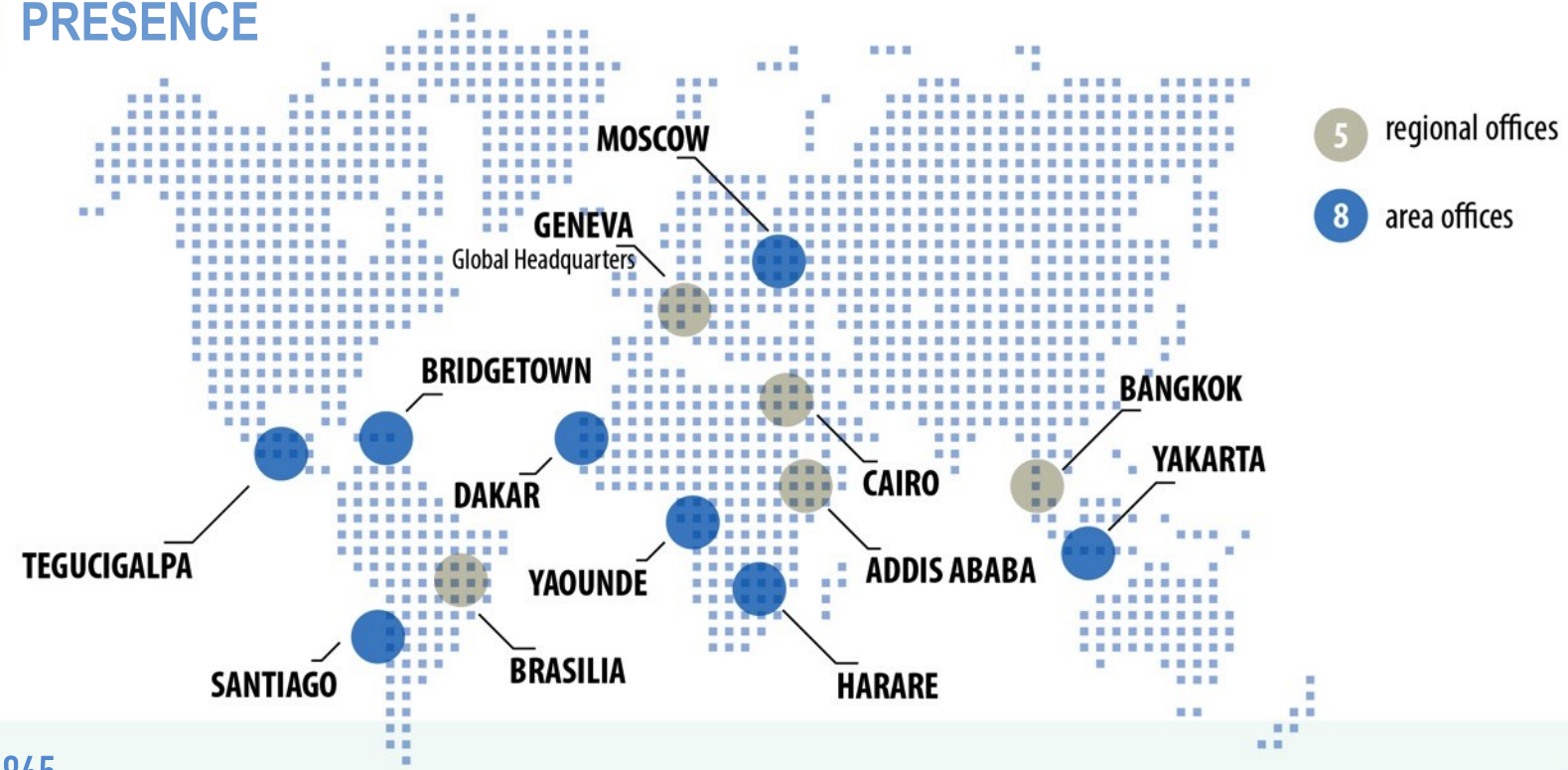
PRESENCE

03 | *Where are we?*

PRESENCE

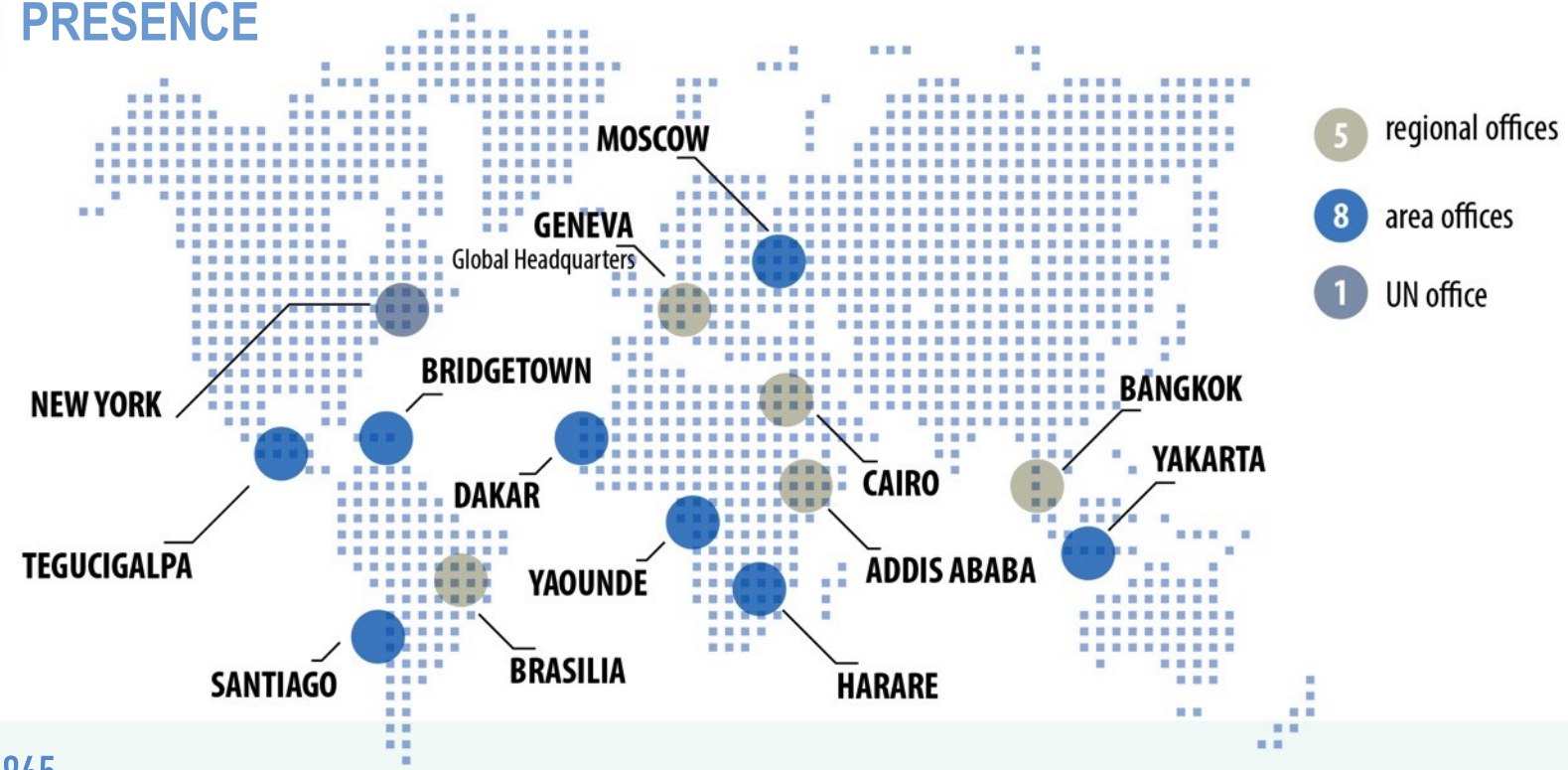
03 | *Where are we?*

PRESENCE



03 | *Where are we?*

PRESENCE



ITU Regional Office for Asia and the Pacific

38 Member States
134 Sector and Associate Members
17 Academia Members

Land Locked Developing Countries (5)

Least Developed Countries (12)

- Afghanistan
- Bangladesh
- Bhutan
- Cambodia
- Lao, PDR
- Nepal
- Myanmar
- Timor Leste

Small Islands Developing States (12)

- Kiribati
- Solomon Is.
- Tuvalu
- Vanuatu
- Fiji
- Maldives
- Marshall Islands
- Micronesia
- Nauru
- Tonga
- PNG
- Samoa

Low-Income States (10)

- D.P.R. Korea
- India
- Indonesia
- Mongolia
- Pakistan
- Philippines
- Sri Lanka
- Vietnam

The Rest (10)

- Australia
- Brunei
- China/Hong Kong
- Iran
- Japan
- Malaysia
- New Zealand
- R.O. Korea
- Singapore
- Thailand

04 | *Meet us*

who are we?

WHO ARE WE?

ITU is the United Nations **specialized agency for information and communication technologies** (ICTs)

Promoting global collaboration for a **connected world**

WHO ARE WE?

Our numbers

193
MEMBER STATES

700+
PRIVATE SECTOR ORGANIZATIONS

90+
ACADEMIA MEMBERS

WHO ARE WE?

Organization

3 SECTORS

→

- Standardization
- Radiocommunications
- Development

→

Each sector has separate mandate, but all work cohesively towards connecting the world

05 | *Meet the sectors*

ITU-R
/RADIOCOMMUNICATION/

ITU - R

KEY ROLE

Global management of **radio-frequency spectrum and satellite orbits**

Ensures equitable and **efficient use of radio-frequency spectrum** to accommodate huge growth in demand for spectrum

ITU-R **coordination of orbital slots** prevents radio interference **preventing malfunctioning** of satellite services

ITU - R

MAJOR ACHIEVEMENTS

IMT-2000 and **IMT-Advanced** technical frameworks underpin mobile 3G and 4G networks

Recommendations on **3DTV, Ultra High Definition TV (UHDTV) standards**

Excellent track record in maintaining harmonious **satellite coordination**

ITU - R

WORLD RADIOCOMMUNICATION CONFERENCE (WRC)

Reviews and revises the Radio Regulations

Excellent track record in maintaining harmonious **satellite coordination** and ensures reliable radio services remain **available at all times**

Addresses all radiocommunication matters of a global nature

Reviews and instructs the Radio Regulations Board (RRB) and the Radiocommunication Bureau

05 | *Meet the sectors*

ITU-T
/STANDARDIZATION/

ITU - T

KEY ROLE

Crucial role in **defining operation and interoperability of technologies** that underpin global communications network

200 - 300 new global standards approved every year, with over **4,000** in use today

Standards enable global communications by ensuring ICT networks and devices **speak the same language globally.**

MAJOR ACHIEVEMENTS

Optical Core Networks

40GB per second

Coming next: Beyond 100GB per second

G.fast

New broadband standard designed to deliver access speeds of up to 1Gbit/s over existing telephone wires

H.264

The Prime Time **Emmy award** winning **video codec** and its successor, H.265

WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY (WTSA)

Sets the overall direction and structure for ITU-T, in every 4 years – next one in Q4 2016

Establishes ITU-T Study Groups and approves top **priorities** and **work programmes**

05 | *Meet the sectors*

ITU-D
/DEVELOPMENT/

07 | *Our areas of action*

climate change

07 | *Our areas of action*

emergency telecoms

07 | *Our areas of action*

cybersecurity

07 | *Our areas of action*

accessibility

07 | *Our areas of action*

broadband

07 | *Our areas of action*

youth

gender

digital divide

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