Latin American Forum of Telecommunications Regulators- REGULATEL

Mr. Rafael Muente Schwarz

Chairman of the Board - OSIPTEL
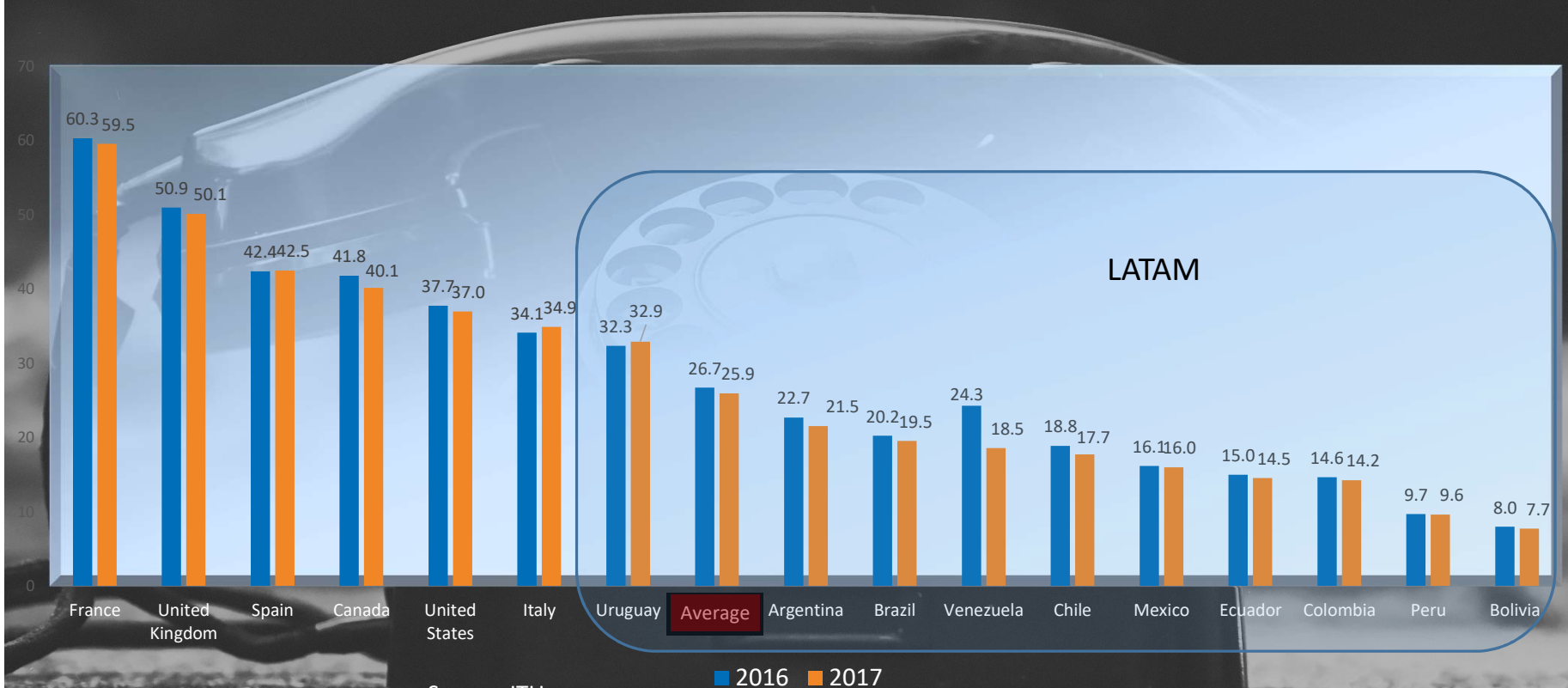
Chair of REGULATEL 2019

INDEX

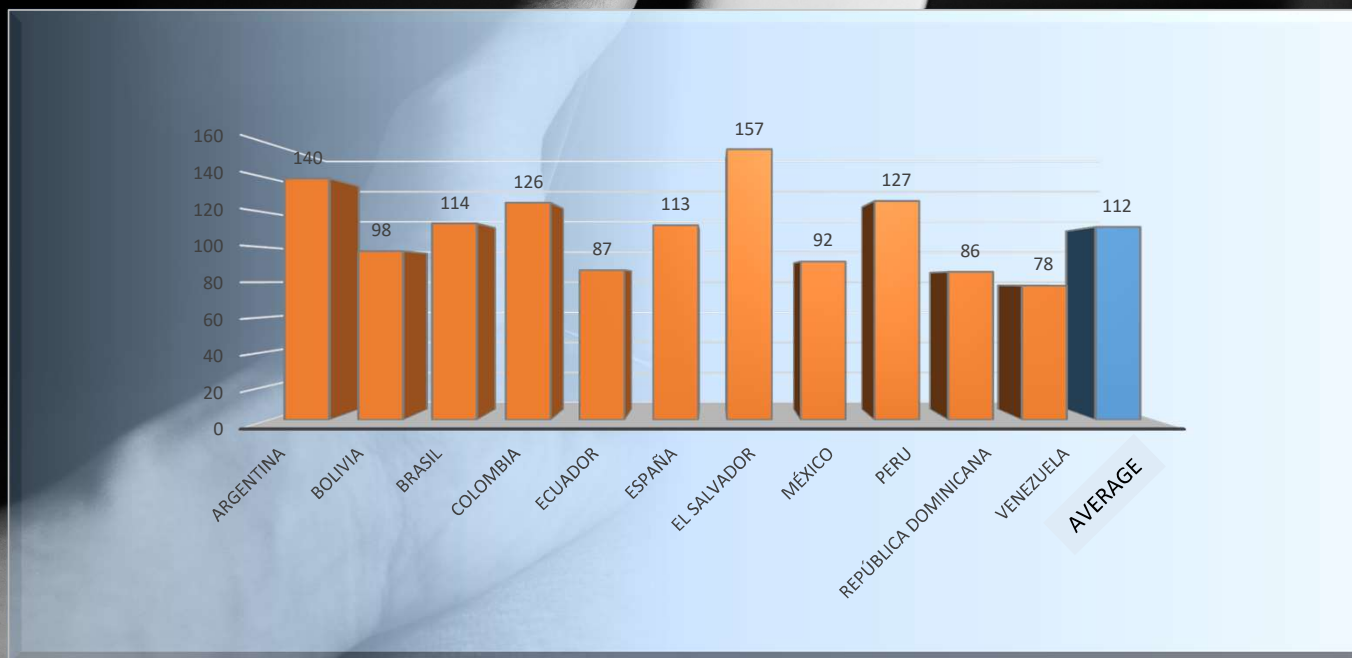# 1. Some Telecommunications indicators in Latin American Region

Fixed Telephony Density

The average of fixed lines per 100 inhabitants is 25.9 for the total sample of countries and 16 for Latin American countries.

LATAM

Country	2016	2017
France	60.3	59.5
United Kingdom	50.9	50.1
Spain	42.4	42.5
Canada	41.8	40.1
United States	37.7	37.0
Italy	34.1	34.9
Uruguay	32.3	32.9
Average	26.7	25.9
Argentina	22.7	21.5
Brazil	20.2	19.5
Venezuela	24.3	18.5
Chile	18.8	17.7
Mexico	16.1	16.0
Ecuador	15.0	14.5
Colombia	14.6	14.2
Peru	9.7	9.6
Bolivia	8.0	7.7

■ 2016 ■ 2017

Source: ITU

Mobile Telephony Density

December 2017

Source: Banco de Información de Telecomunicaciones, BIT IFT (Mexico)
https://bit.ift.org.mx/BitWebApp/

Fixed Broadband Density

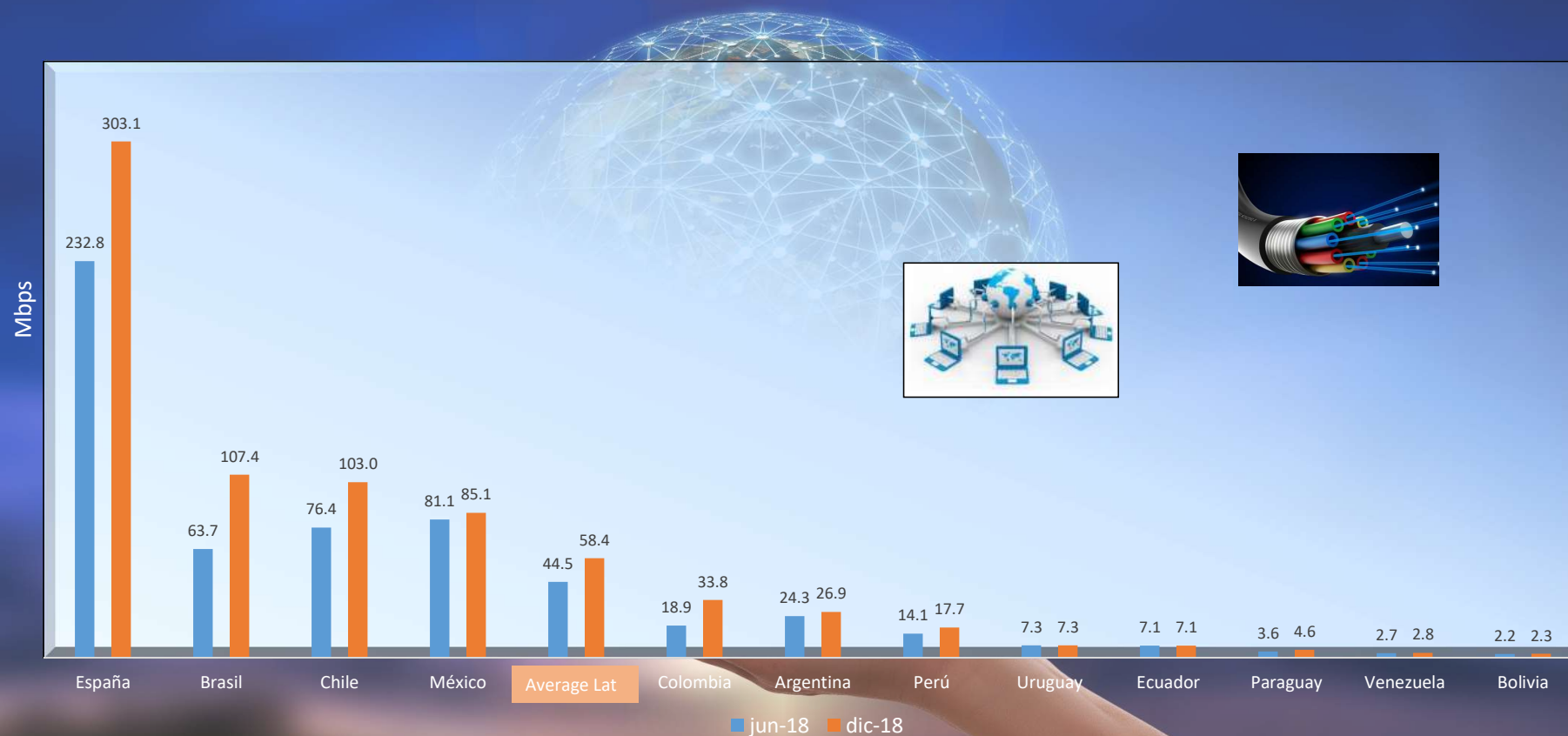The average density is 20 subscribers per 100 inhabitants. The average for Latin American countries is 12.
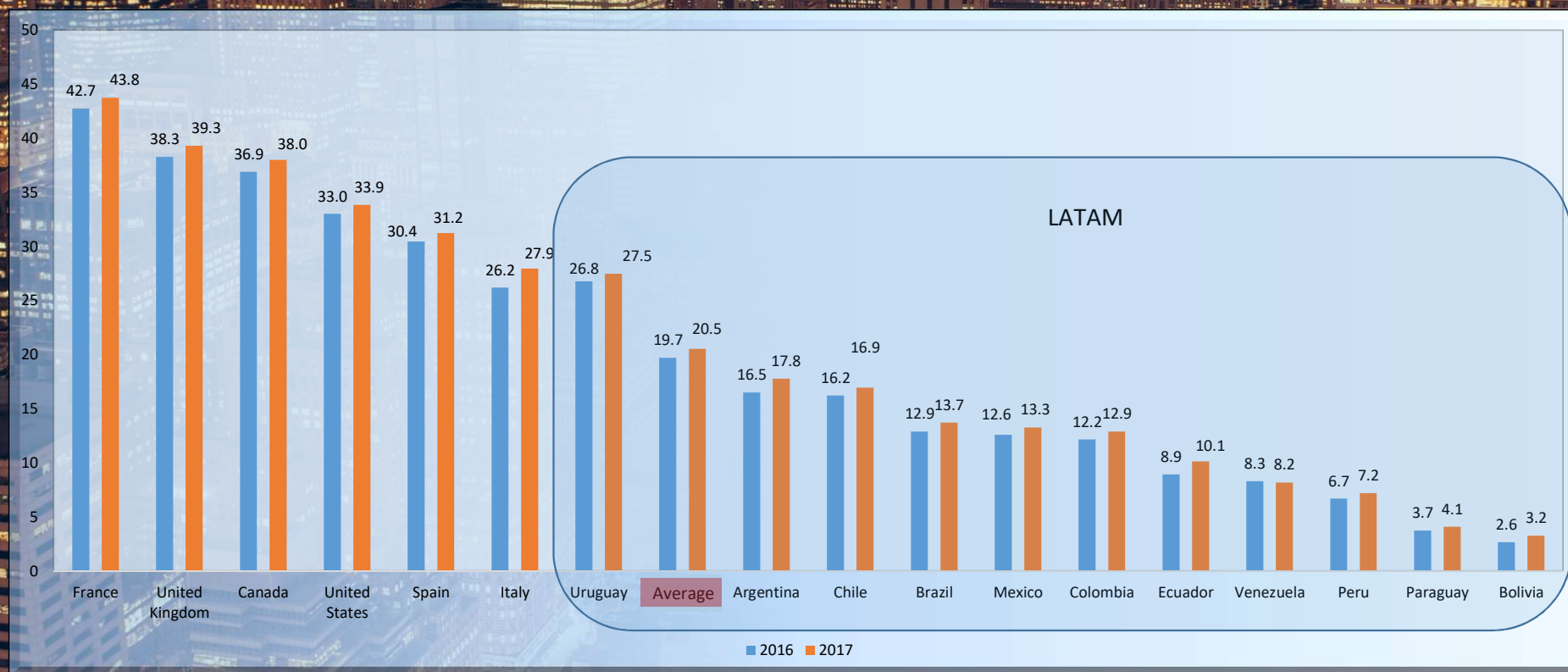
Source: ITU

Some Indicators in the Region: Average speed offered in Fixed Broadband

Average speed in LATAM is 58,4 Mbps.

Mbps

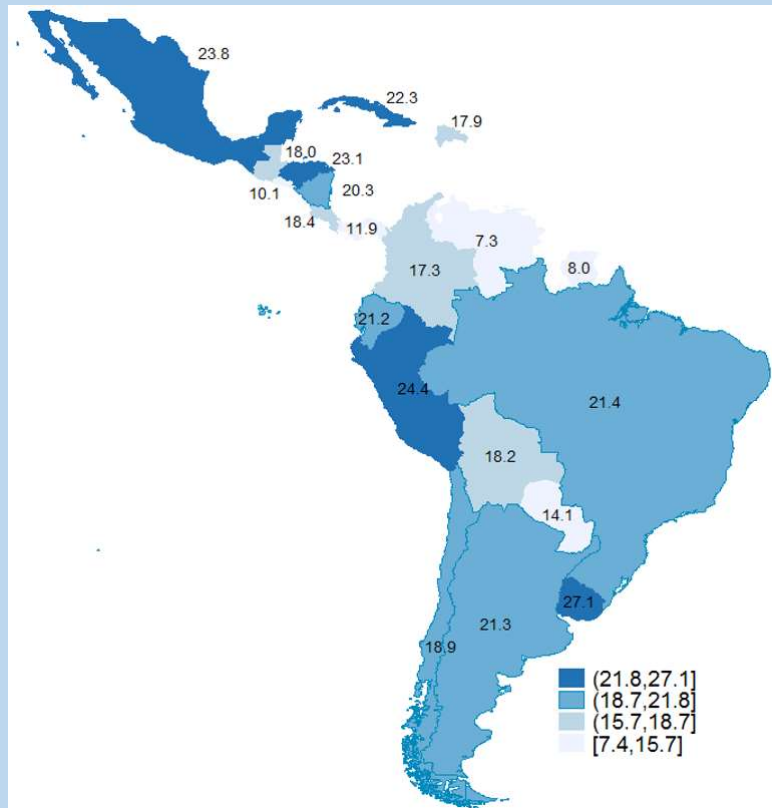| Country	jun-18	dic-18
España	232.8	303.1
Brasil	63.7	107.4
Chile	76.4	103.0
México	81.1	85.1
Average Lat	44.5	58.4
Colombia	18.9	33.8
Argentina	24.3	26.9
Perú	14.1	17.7
Uruguay	7.3	7.3
Ecuador	7.1	7.1
Paraguay	3.6	4.6
Venezuela	2.7	2.8
Bolivia	2.2	2.3

■ jun-18 ■ dic-18

Source: Operators' web sites

Effective speeds and speed ranking in Mobile Internet Service
(June 2019, expressed in Mbps)

Download

Source: Ookla (Speedtest Global Index)
https://www.speedtest.net/global-index
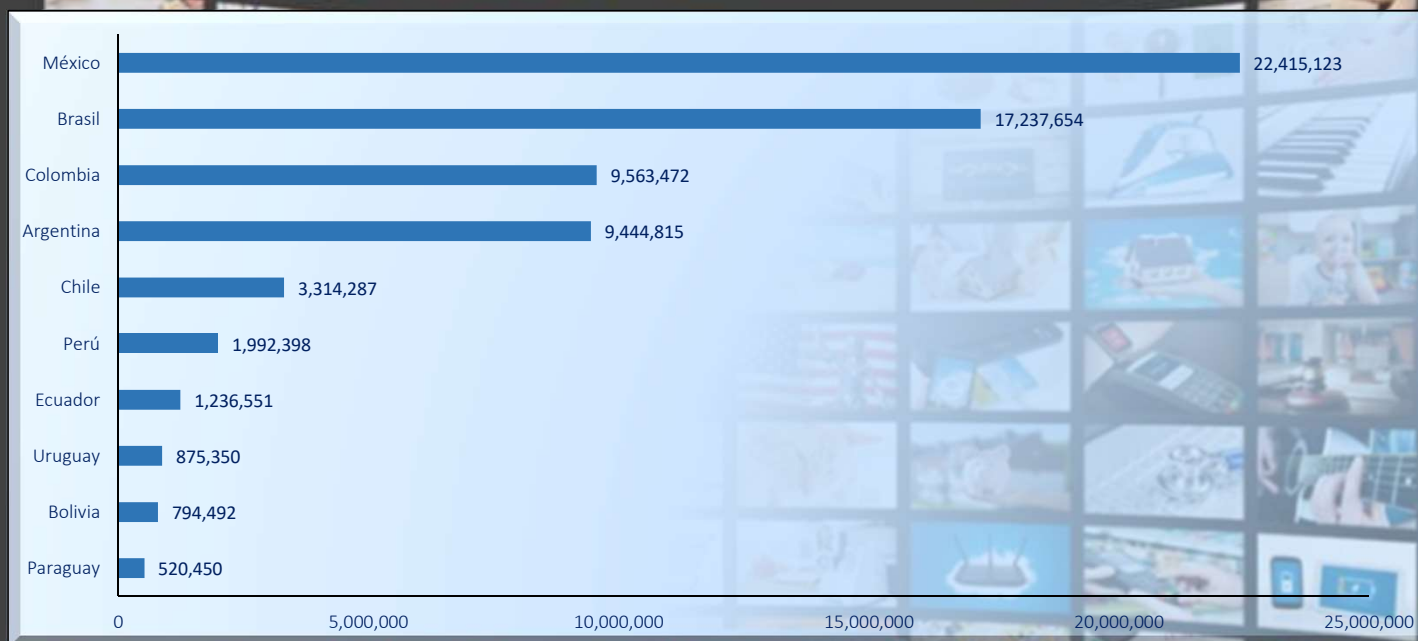
Speed Ranking
(20 LATAM countries)

Latinoamérica (20 países)		
Ranking	País	Velocidad (Mbps)
1	Uruguay	27.1
2	Perú	24.4
3	México	23.8
4	Honduras	23.1
5	Cuba	22.3
6	Brasil	21.4
7	Argentina	21.3
8	Ecuador	21.2
9	Nicaragua	20.3
10	Chile	18.9
11	Costa Rica	18.4
12	Bolivia	18.2
13	Guatemala	18.0
14	República Dominicana	17.9
15	Colombia	17.3
16	Paraguay	14.1
17	Haití	12.6
18	Panamá	11.9
19	El Salvador	10.1
20	Venezuela	7.3

Uruguay (ANTEL) already offering 5G

Perú (66.5% of IM users accessed to 4G**)**

Number of paid TV connections in service

Country	Paid TV connections
México	22,415,123
Brasil	17,237,654
Colombia	9,563,472
Argentina	9,444,815
Chile	3,314,287
Perú	1,992,398
Ecuador	1,236,551
Uruguay	875,350
Bolivia	794,492
Paraguay	520,450

Source: Regulators

Notes:
- Information corresponding to Mexico, Paraguay y Uruguay was obtained from Consulting Bussiness Bureau – June 2018.
- Information of Peru, March 2019.
- Information of Bolivia, December 2018.
- Information of Ecuador, March 2019.
- Information of Chile, March 2019.

2. REGULATEL

Latin American Forum of Telecommunications Regulators

Established in 1998 with the purpose of promoting the development of telecommunications, based on the cooperation and coordination of the efforts of the Regulatory Bodies that comprise it.

It is a forum for debate and discussion for Regulatory Bodies, on technical and regulatory issues of telecommunications services in Latin America.

Members

América:
-ENACOM (Argentina)
-ATT (Bolivia)
-ANATEL (Brazil)
-CRC (Colombia)
-SUTEL (Costa Rica)
-MINCOM (Cuba)
-SUBTEL (Chile)
-ARCOTEL (Ecuador)
-SIGET (El Salvador)
-SIT (Guatemala)
-CONATEL (Honduras)
-IFT (Mexico)
-TELCOR (Nicaragua)
-ASEP (Panama)
-CONATEL (Paraguay)
-OSIPTEL (Peru)
-NET (Puerto Rico)
-INDOTEL (Dominican Republic)
-CONATEL (Venezuela).

Europe:
-CNMC (Spain)
-AGCOM (Italy)
-ANACOM (Portugal)

REGULATEL Structure

Plenary Assembly

Chair
and Vice-Chairs

Executive Commitee
and Executive
Secretary

Working Groups

Protection and
Quality of
Service to User

Institutional
Strengthening

Telecommunications
/IT Indicators

Internet

Chair:
- OSIPTEL (Peru)
Vice Chairs:
- CONATEL (Paraguay)
- IFT (México)

Members: ENACOM (Argentina),
ANATEL (Brazil), CRC (Colombia),
CNMC (Spain), IFT (Mexico), CONATEL
(Paraguay) and OSIPTEL (Peru)

3. Agenda and ongoing activities

Working Groups and Ongoing Activities

- Regional Diagnosis on the Protection and Quality of Service
- Recognition of best practices
- International Seminars

Protection and Quality of Service to Uses

Institutional Strengthening

- Comparative study on Independence and Institutional Strengthening of Regulators
- Implementation of methodologies in ex-ante and ex-post evaluations

- Telecommunications Information Bank (BIT)
- "Digital indicators repository" on the situation of Telecommunication Sector

Telecomm/IT Indicators

Internet

- Webinar on IPv6 implementation in member countries.
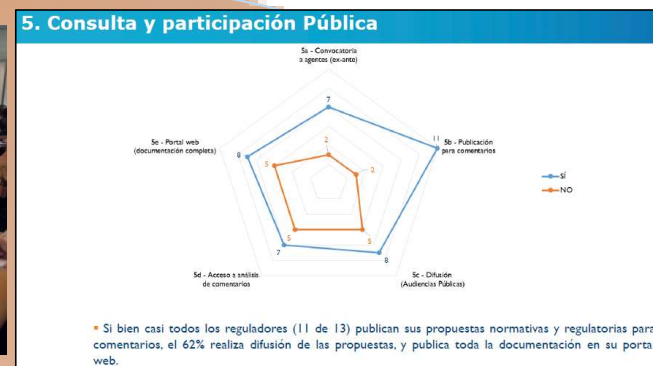- Internet and ICT

Some Activities carried out in REGULATEL

Recognizing Best Practices

Plenary Assembly

Study on Regulatory Impact Assessment

Telecommunication Information Bank

Virtual Seminar on User's Rights

Agenda 2019

regula·tel

Webinar on IPv6
(May 9th)

International Seminar on Quality of Telecomm Services
(Lima, August 20th and 21st)

Regulatory frameworks and challenges on QoS and QoE, measurements, OTTs, Big Data

INTERTEL Program
(Lima, September 2nd to 6th)

Exchange and cooperation with other Regulators in aspects related to protection of user rights, regulation, enforcement.
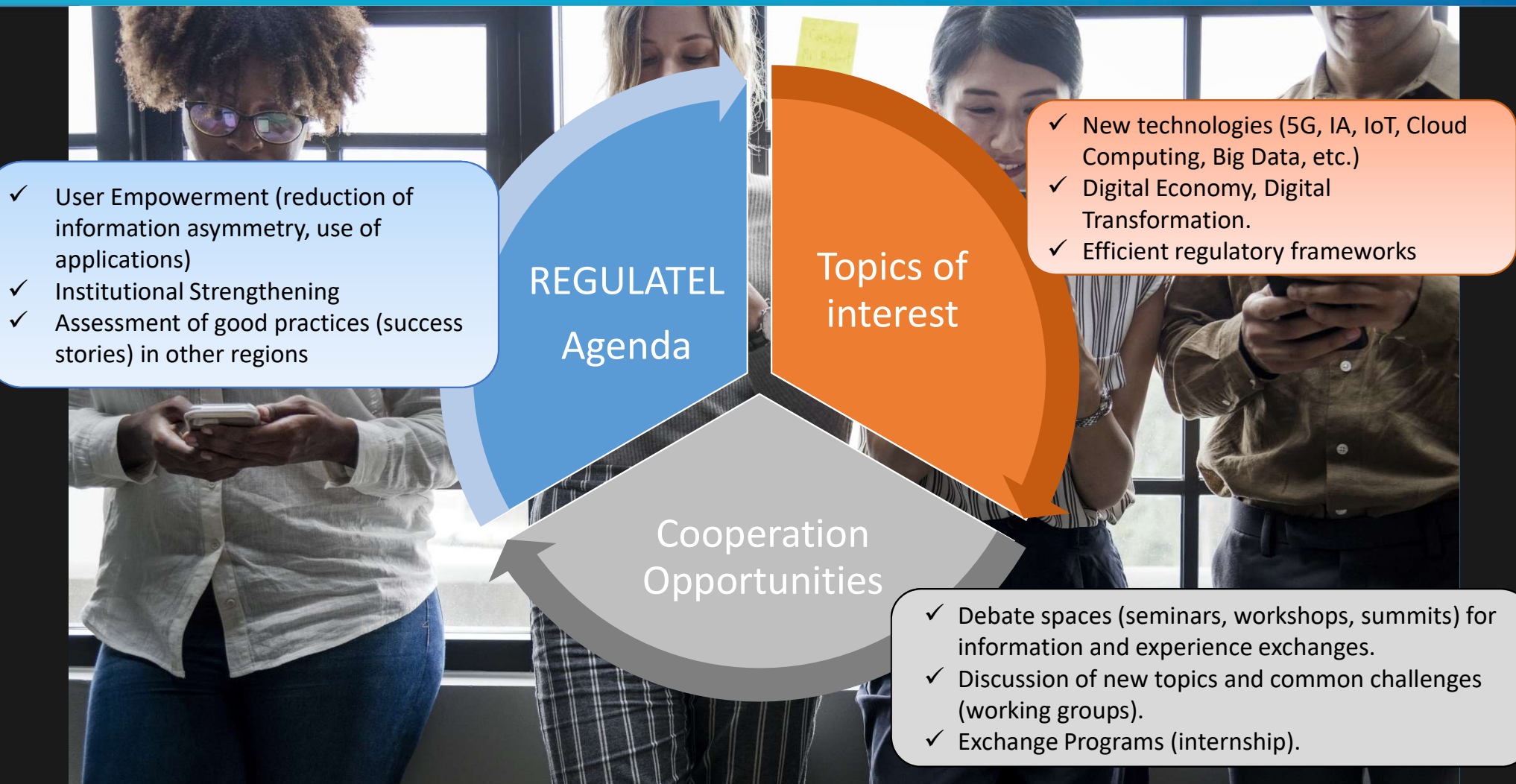
Seminar on Protection of User Rights
(September/October)

4. Topics of interest and cooperation opportunities

Topics of interest and cooperation opportunities

User Empowerment (reduction of information asymmetry, use of applications)
- Institutional Strengthening
- Assessment of good practices (success stories) in other regions

REGULATEL Agenda

Topics of interest

- New technologies (5G, IA, IoT, Cloud Computing, Big Data, etc.)
- Digital Economy, Digital Transformation.
- Efficient regulatory frameworks

Cooperation Opportunities

- Debate spaces (seminars, workshops, summits) for information and experience exchanges.
- Discussion of new topics and common challenges (working groups).
- Exchange Programs (internship).

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