

Policies to promote infrastructure deployment and coverage obligations













ITU Discussion workshop: 5G and new technologies

Session 1: Regulatory aspects that will facilitate the deployment
and use of the 5G

26 August 2019

Santo Domingo, DR

Different approaches to promote rollout

Country	General policy to ease network rollout		
AR 	Connectivity and Infrastructure	Code of best practices, ranking One stop shop (u.i.)	Yes, price set by national government
BR 	General targets	Antennas Law, ranking	Yes, for free
CL 	General targets	Antennas Law	Yes
CO 	Incl. in action plan and NDP	Code of best practices, one stop shop	Sharing ducts and poles
CR 	Action plan	Sharing in natural areas	Yes
EC 	White paper on deployment	-	Sharing in public properties
MX 	General guidelines and OECD recommendations	IFT guidelines and assessment of local rules	Federal buildings (SCT, Promtel) and IFT guidelines
PY 	NDP	Conatel guidelines	Only for basic services
PE 	Yes	Antennas law, ranking	Proposed by Osiptel
US 	Yes, 5G fast plan	23 state-law on mobile 5G and small cell	-

Awareness campaigns and rankings



Antenas Amigables Preguntas Frecuentes Salud Control y Regulación Mapa de mediciones Municipios Amigables Normativa



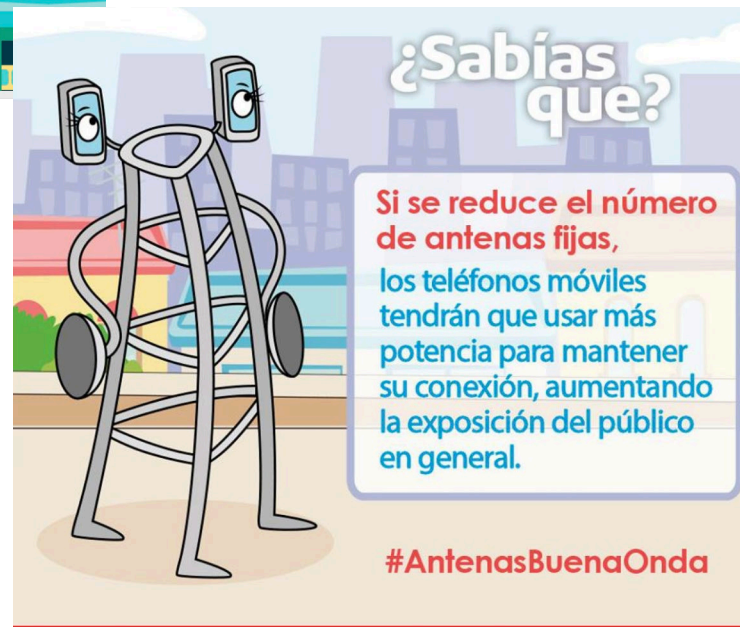
MUNICIPIOS AMIGABLES

En Enacom trabajamos junto a todos los municipios del país para mejorar el funcionamiento de la telefonía móvil.

Nuestro equipo viaja por todo el territorio nacional para informar sobre aspectos técnicos y ambientales con el objetivo de llevar tranquilidad a la población.

También hacemos mediciones inteligentes de RNI y calidad de servicio y asesoramos a vecinos y autoridades locales sobre aspectos normativos.

CONOCÉ A LOS MUNICIPIOS QUE YA FIRMARON EL CONVENIO:



Spectrum comes with obligations

All countries in the Americas set coverage obligations

Different approaches:

- detailed coverage requirements and schedule, including roads and rural areas (Argentina, Brazil, Colombia, Chile, Costa Rica, Peru, Paraguay),
- coverage requirements as a percentage of the population (Canada, Ecuador, Mexico, United States).



Keep what you serve

FCC approach to coverage obligations

Coverage obligations in the 700 MHz band licensed for commercial use

Block	Bandwidth	Pairing	Coverage obligations per local area	
			Interim target (2013)	End-of-licence term (2019)
A	12 MHz	2x6 MHz	35% of the geographic area	70% of the geographic area
B	12 MHz	2x6 MHz		
E	6 MHz	Unpaired		
C	22 MHz	2x11 MHz	40% of the population	75% of the population

Challenges in the region

- Coordination -> One stop shop recommended by OECD
 - Industry and government
 - Different government levels
 - Telecom operators
 - Public utilities company
- Definition of standards and harmonisation
- Knowledge sharing and awareness campaigns
- **New 5G challenge:** small cells deployment (US, CO)



Thank you!

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