

BEREC – EMERG – EAPEREG – REGULATEL SUMMIT  
CONNECTING REGIONS: ENSURING CONNECTIVITY IN A CONVERGENT WORLD



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## Mobile Connectivity: Spectrum Issues

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In today's new digital era, spectrum plays a key role for enhancing connectivity



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**Spectrum policy is crucial to boost connectivity by reducing entry barriers and promoting competition**



Connectivity

- ✓ Collaborative economies
- ✓ New business models
- ✓ Service convergence



Spectrum policy



Increasing data demand

- ✓ Mobile traffic 2020: World x5 and Mexico x6
- ✓ Internet mobile subscribers: +50% Latam

2

20 years prior to the Reform, tele communications & broadcasting sectors were stagnant



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## Barriers and Challenges

(prior to the Reform)

- ✓ **High market concentration**
- ✓ High **litigation** rate
- ✓ **Limited availability and low quality of services**
- ✓ **Entry barriers**

✓ **Spectrum:**

- Sub optimal **assignment**
- Few **IMT auctions**
- No **broadcasting** auctions
- Absence of **secondary market**

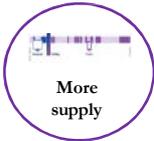
3

Since the Reform, IFT's actions on spectrum and regulation have focused on improving competition



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### Spectrum actions



**More supply**

- ✓ Transition to **TDT**
- ✓ Refarming & liberalization: **AWS, 600 MHz, 800 MHz**
- ✓ Un-licensed spectrum: **57-64 GHz**



**More assignment**

- ✓ Auctions: **AWS, TV and Radio**
- ✓ **Red Compartida**



**Secondary market**

- ✓ Frequency band **exchange**
- ✓ **Leasing** and shared use

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### Other regulatory actions



**Institutional Strength**

- ✓ No Double window
- ✓ User's empowerment



**Competition & effective reg.**

- ✓ **Preponderance** & Asymmetric Regulations
- ✓ **MC / MO**



**No entry barriers**

- ✓ **Foreign Investment**
- ✓ Convergent licenses
- ✓ **MVNOs**

4

