



WinnForum: Spectrum Panorama in Mexico

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- In the last 10 years the spectrum for mobile services has almost tripled (**x3**)
- However, in the recent spectrum auctions only a limited amount of spectrum has been assigned
- In 2022, one of the three main MNO gave back the totality of its spectrum and is currently using the Access Network of another MNO
- The spectrum annual fees in Mexico are between the **most expensive in the world** (60% over the median of 40 countries)

IMT Spectrum in Mexico

2013 → 2024
222 MHz → 657 MHz

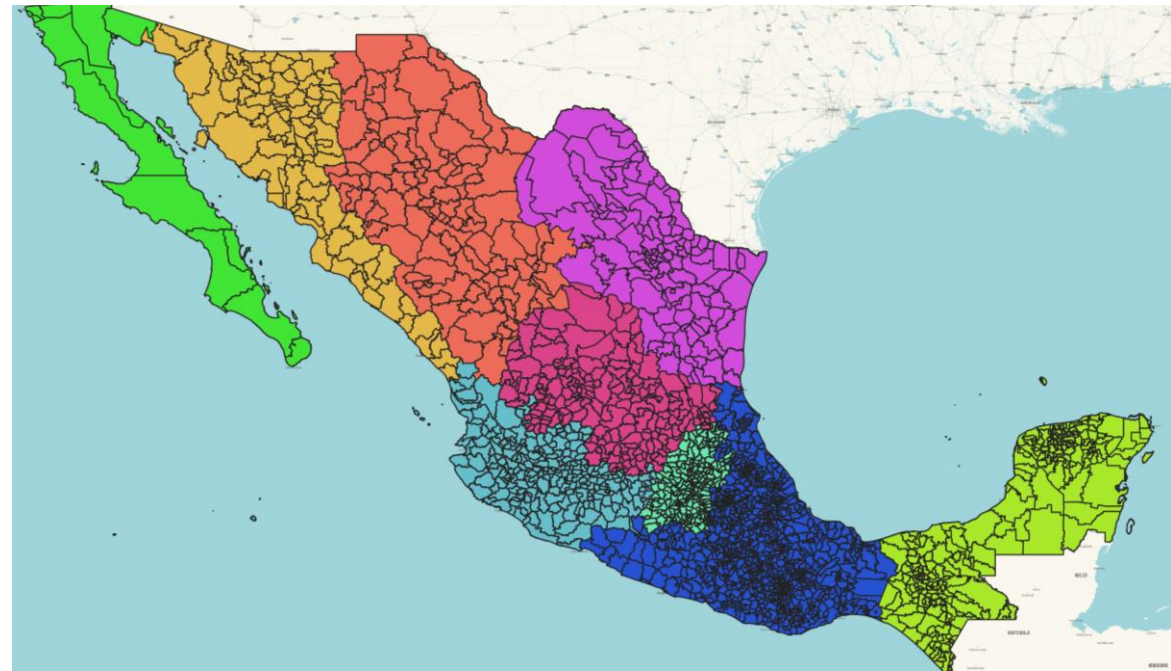


5G and 6G will need significantly larger bandwidths (mid-band spectrum, verticals, new services)

Spectrum pricing poses a challenge in Mexico

Spectrum licensing alternatives:

- Nationwide (2M Km²)
- Regional: 9 Regions
- Basic Service Areas (65)



A new geographical approach

A new opportunity for local/regional operators and new entrants

9 Cellular Regions



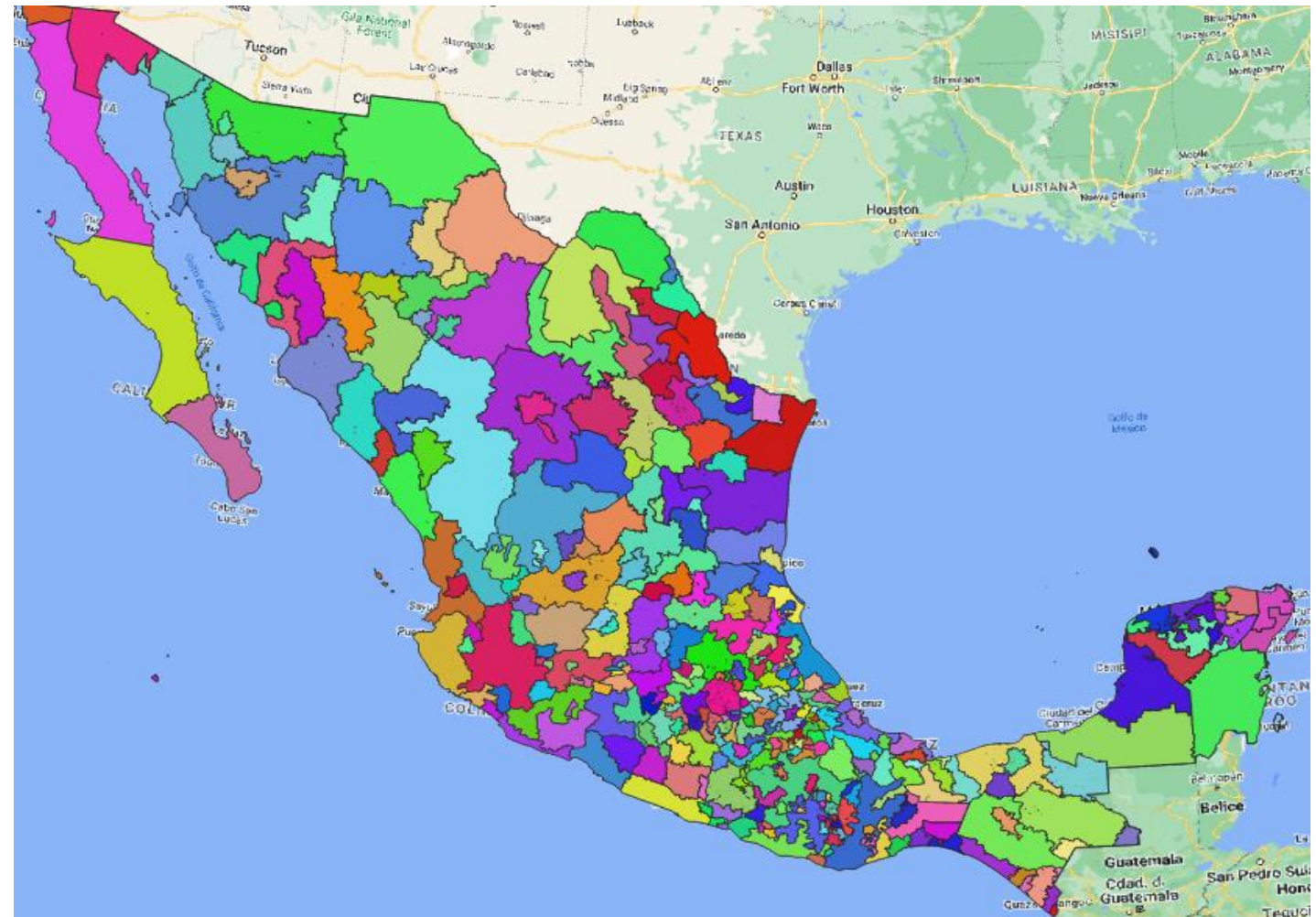
65 Basic Service Areas



320 Partial Service Areas

ML algorithms to group ~2500
municipalities into PSA:

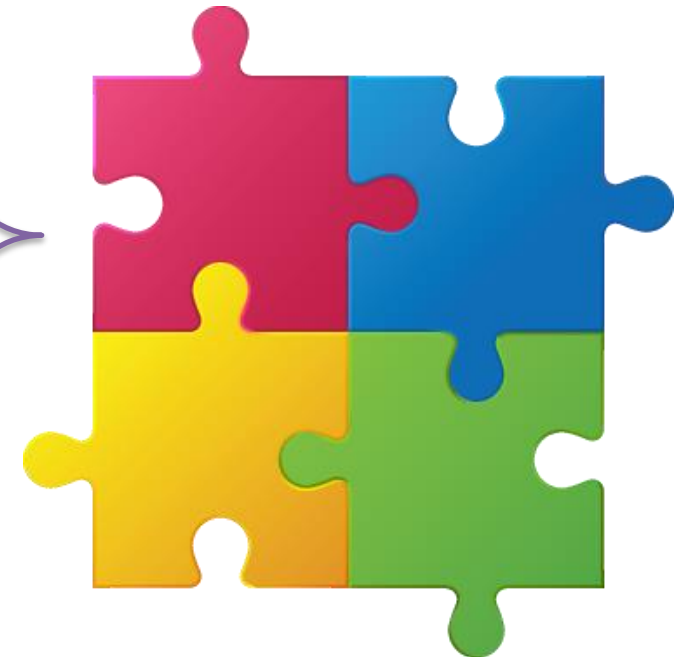
crowdsourcing + socioeconomic + demographics



Spectrum Auction "IFT-12"

Band	Proposed segmentation
614 – 698 MHz	(1) 10+10 MHz @national (5) 5+5 MHz @PSA (1,600)
1427 – 1518 MHz	(8) 10 MHz (SDL)
814 – 824 / 859 - 869 MHz	(2) 5+5 MHz @PSA except BSA 9.01 (metropolitan area) (630)
1755 – 1760 / 2155 - 2160 MHz	5+5 MHz @PSA (320)
1850 – 1915 / 1930 - 1995 MHz	(4) 5+5 MHz @PSA (1,280) 5+5 MHz @PSA (907) 0.8+0.8 MHz @PSA (133)
2500 – 2690 MHz	(4) 10 MHz @PSA (TDD) (1,280)

6159
spectrum blocks



Incentives and Timeline

Proposed incentives

% discount on the initial payment for the spectrum license (25-40% depending on the market share)

Deferral on payments of the annual fees – up to 2 years

20 years spectrum license

2024

T3 - 2024

2025

T2 - 2025

From May 2025
Bidding process

June 2025.
Notification of results

T3 - 2025

September 2025
Grant of Spectrum license

More info on the IFT-12 spectrum auction:

<https://www.ift.org.mx/industria/consultas-publicas/licitacion-ift-12-servicio-de-acceso-inalambrico-0>

Thank you

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