



INSTITUTO FEDERAL DE
TELECOMUNICACIONES

Towards a “State of the Connectivity” report

Ph.D. Tania Villa Trapala"



Closing the digital divide means much more than getting everyone online

The digital divide has evolved into the ability to make meaningful use of connectivity and to enjoy the full benefits of the digital age

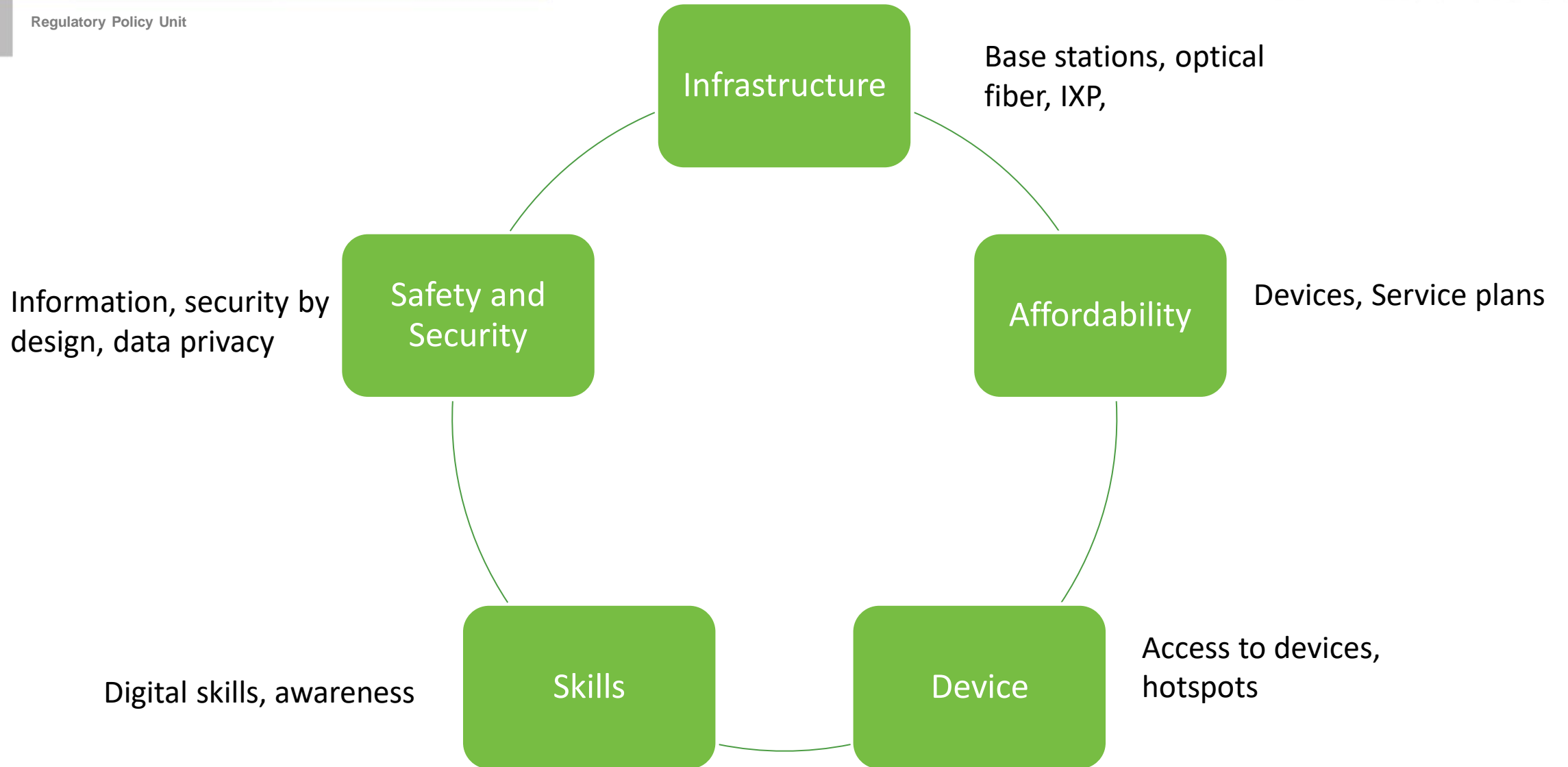


Linking everyone is no longer enough

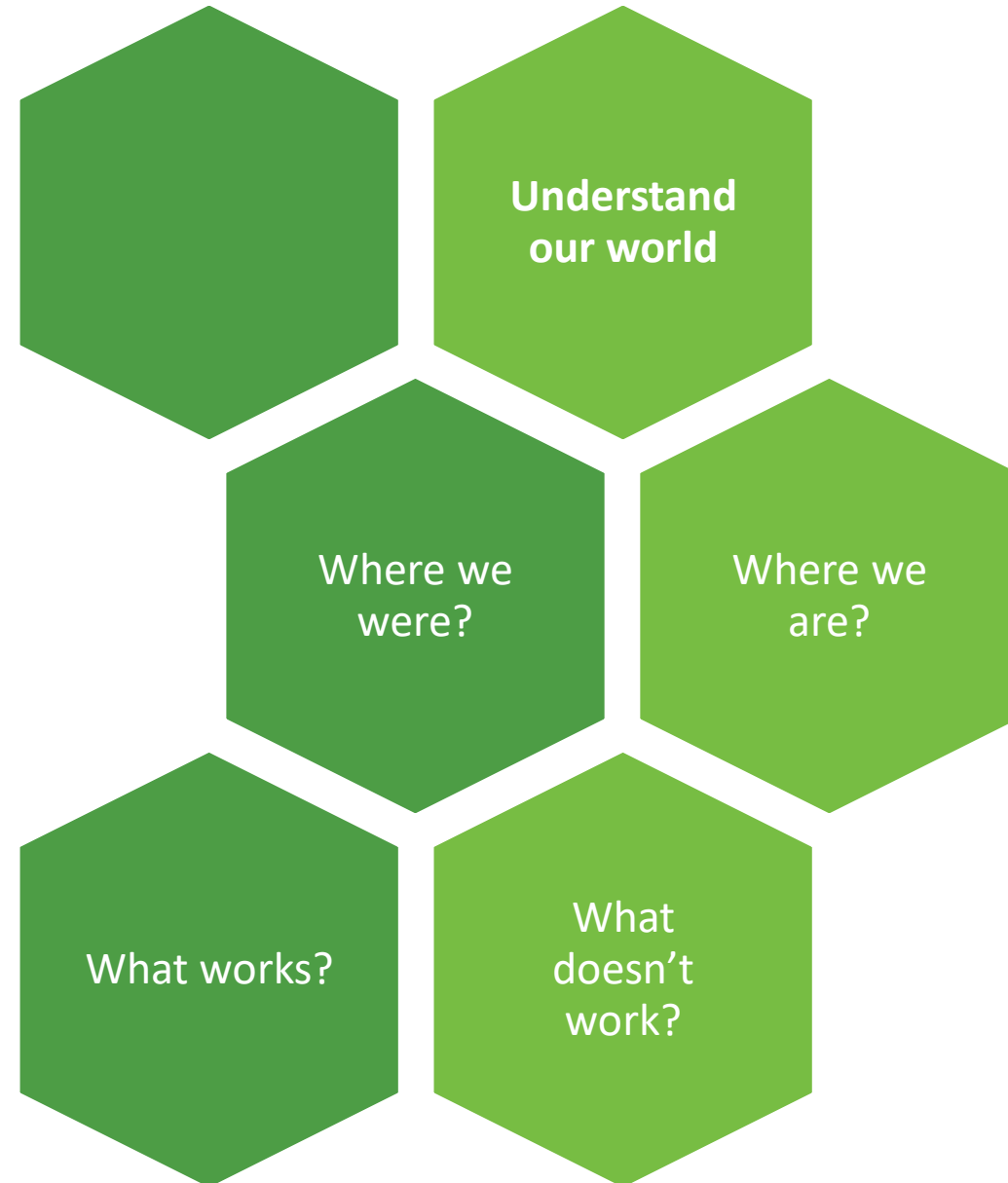


ITU: Universal and meaningful connectivity is the possibility for everyone to enjoy a safe, satisfying, enriching, productive and affordable online experience





- Data are vital for achieving universal and meaningful digital connectivity.
- Data help policy-makers to design better, more targeted and more effective policy interventions.



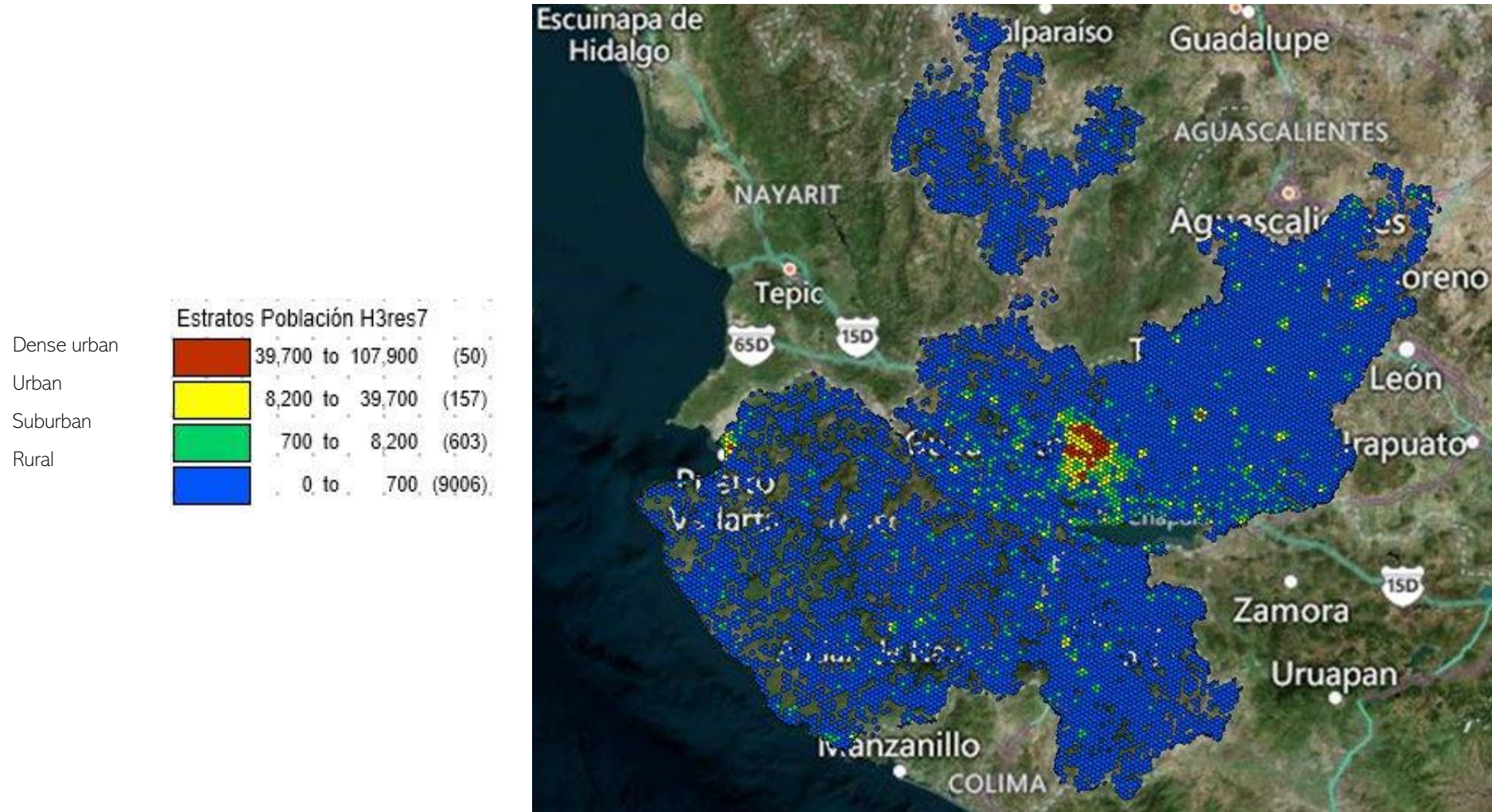
To measure the “meaningful connectivity” in a certain area, a multidimensional analysis is required :

Dimension	Description	Indicators
Technological	Coverage and QoS of a network	Population covered, number of users, throughput, latency and jitter
Demographic	Social mobility	Employed population, level of education, cultural diversity and life quality
Socio-Economic	Demand of goods and services	Income and expenses

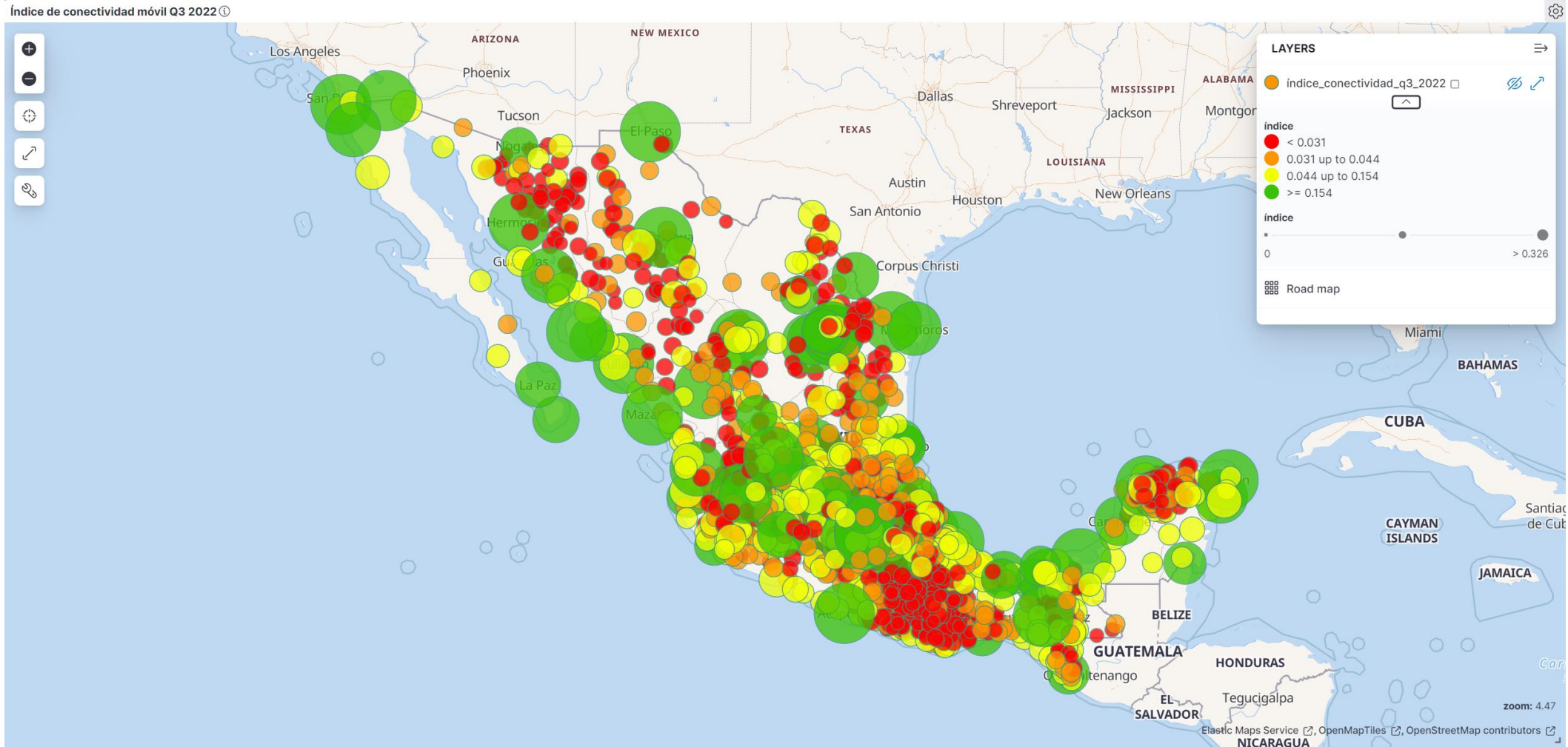
Mapping the Connectivity Demand

Regulatory Policy Unit

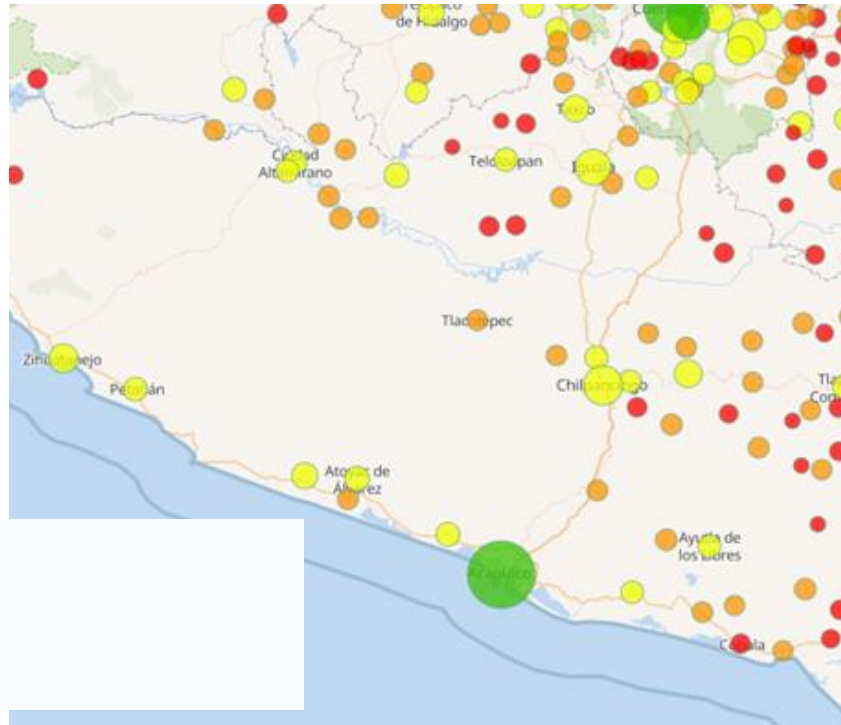
It is necessary to identify areas where connectivity demand is underserved or not served.



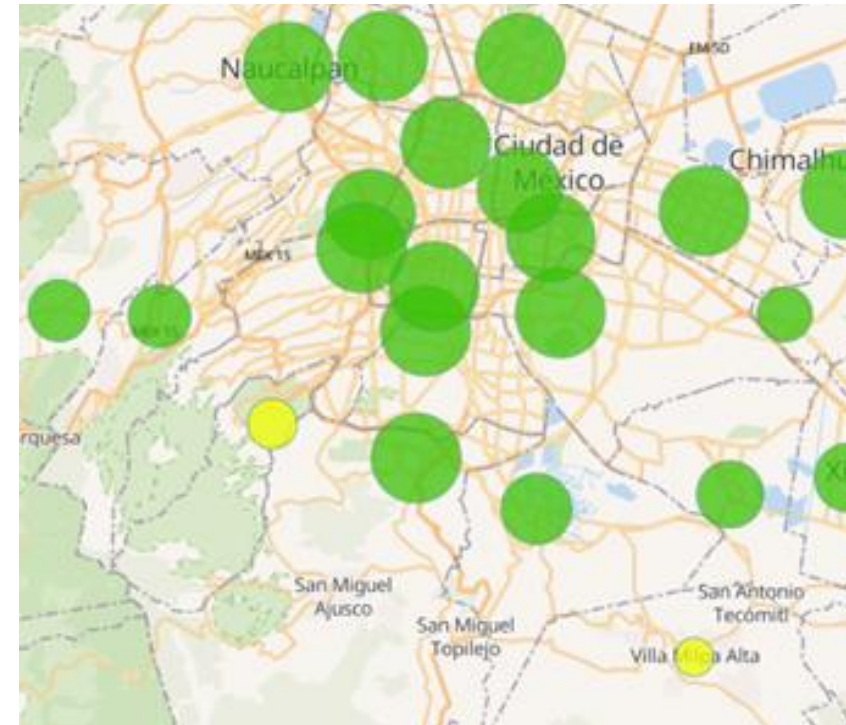
At IFT, we have developed a methodology to obtain a connectivity index based on official information, for example: census and surveys, together with crowdsourcing data.



Objective: Identify investment priority areas, target public policies/coverage obligations/incentives



Guerrero



Mexico City

Using data to assess “meaningful connectivity”:

- Data selection should be based on the analytical soundness, measurability, coverage and relevance
- Understand the process that generated the data
- An exploratory analysis should investigate the overall structure of the data
- Coherence in the whole process is vital
- Document all methodological decisions

Coming soon...

January 2023



INSTITUTO FEDERAL DE
TELECOMUNICACIONES

THANK YOU!

 tania.villa@ift.org.mx

 @VillaTrapala



/IFT.MX



@IFT_MX



IFTMEXICO



IFTMX

INGRESA A NUESTRO PORTAL: WWW.IFT.ORG.MX