

ITUEvents

# Towards 5G Enabled Gigabit Society

11-12 October 2018  
Athens, Greece

ITU Regional Initiative for Europe on  
Broadband Infrastructure, Broadcasting and  
Spectrum Management

5G NATIONAL STRATEGIES | POLICIES AND REGULATION | FUTURE NETWORKS | SPECTRUM MANAGEMENT | SMART CITIES  
INTERNET OF THINGS | ARTIFICIAL INTELLIGENCE | MACHINE LEARNING | INNOVATION



**HELLENIC REPUBLIC**  
Ministry of Digital Policy,  
Telecommunications and Media





# Implementation of 5G Pilot Projects

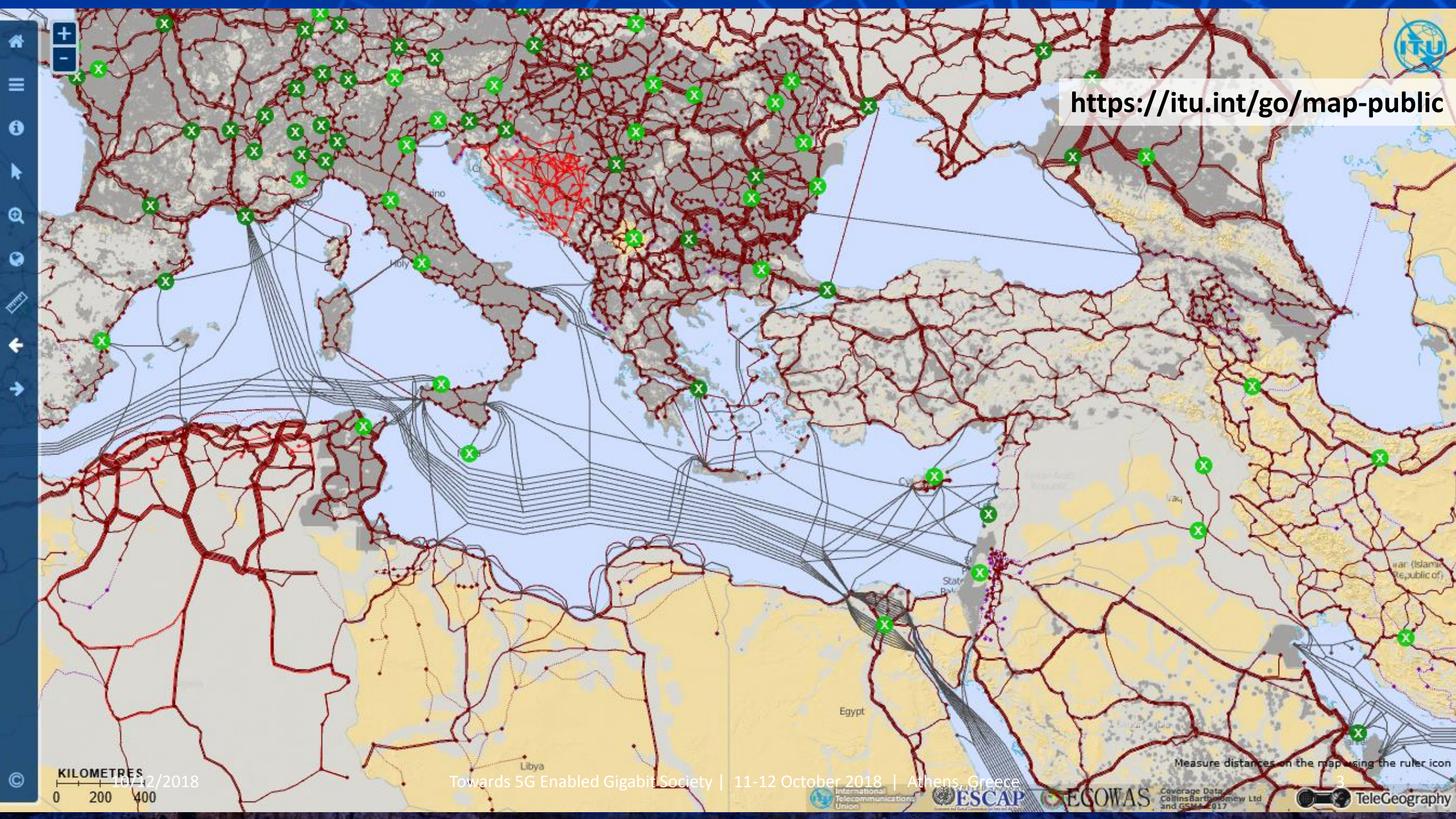
## SESSION FOUR







<https://itu.int/go/map-public>



KILOMETRES  
0 200 400

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Coverage Data  
Collins & Barrow Limited  
and GSM 1917



Measure distances on the map using the ruler icon



# Some challenges in rolling out 5G

- Small cell deployment
  - Local permitting and planning process
  - Lengthy engagement and procurement exercises
  - High fees and charges to access street furniture (and the access itself)
  - EMF
  - Access and code powers
- Fiber backhaul
- Spectrum
- Other factors
  - Device availability
  - Coordination of industry verticals

**Setting the Scene for 5G:  
Opportunities & Challenges**





# PANELISTS

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- **Dr. Alexandros Stavdas (University of Peloponnese)**
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