

2018

DIGIWORLD
SUMMIT

28 NOV. | Maison de la Mutualité | PARIS

5G & Wireless

Key 5G levers and recent developments

Carole MANERO

Wireless services practice leader





WORLD FIRSTS

Elisa Finland/Estonia, Ooredoo Qatar, Verizon US



**ELISA
FINLAND/ESTONIA**

WHAT?

- June 2018
- Phone call between Ministers
- Capital towns

SO WHAT?

- 2.2 Gbps
- 5G licences in Autumn 2019

**VERIZON
USA**

- October 2018
- 5G FWA
- Limited areas in 5 US cities

- 50-70 USD/month
- Free YouTube TV for first 3 months
- Free Apple 4K HDR TV or Google Chromecast Ultra
- 300 Mbps-1Gbps
- No data caps

**OOREDOO
QATAR**

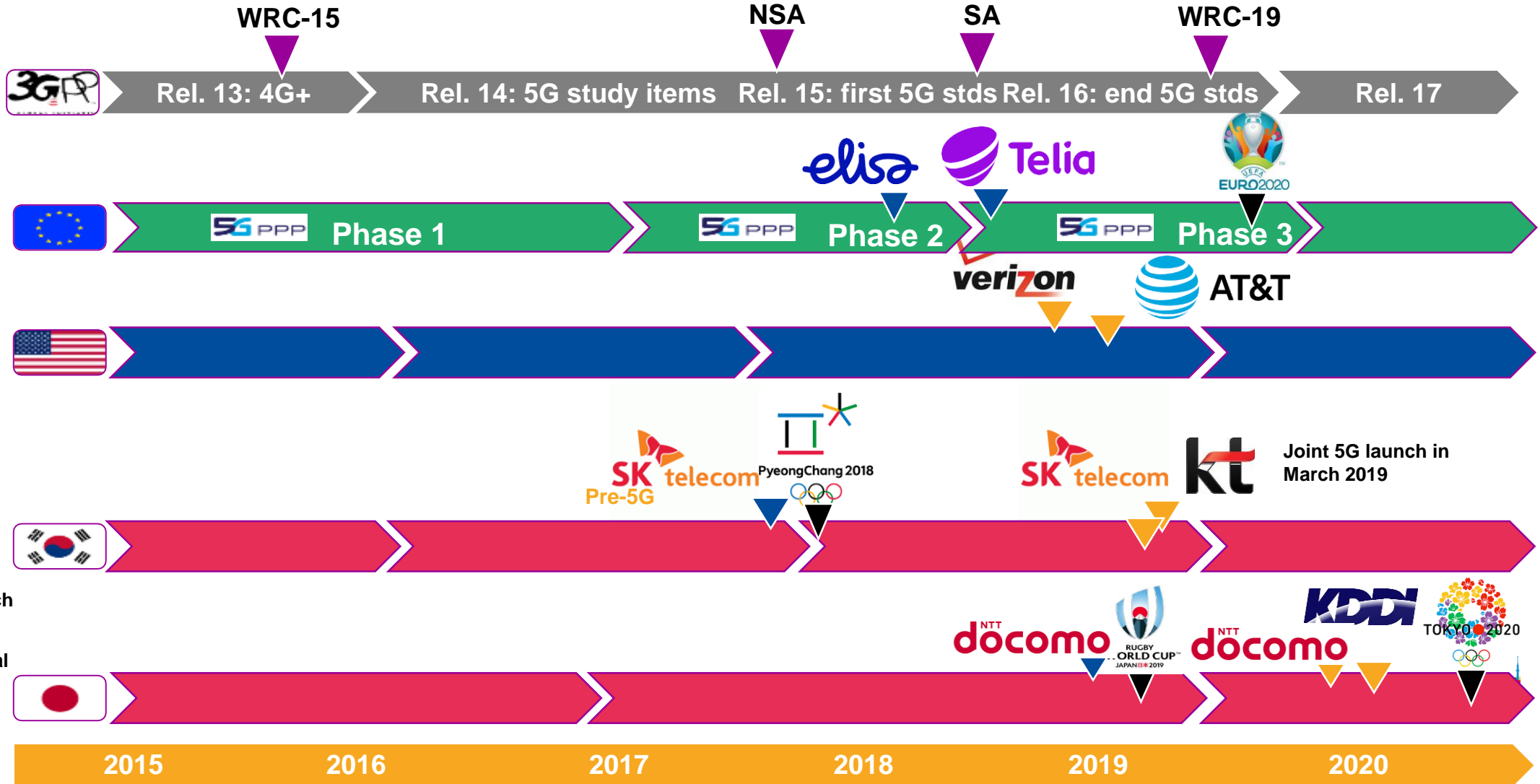
- May 2018
- 5G FWA
- 3.5 GHz
- Doha

- No devices before June 2019



KEY SPORT EVENTS TARGETED FOR COMMERCIAL LAUNCHES

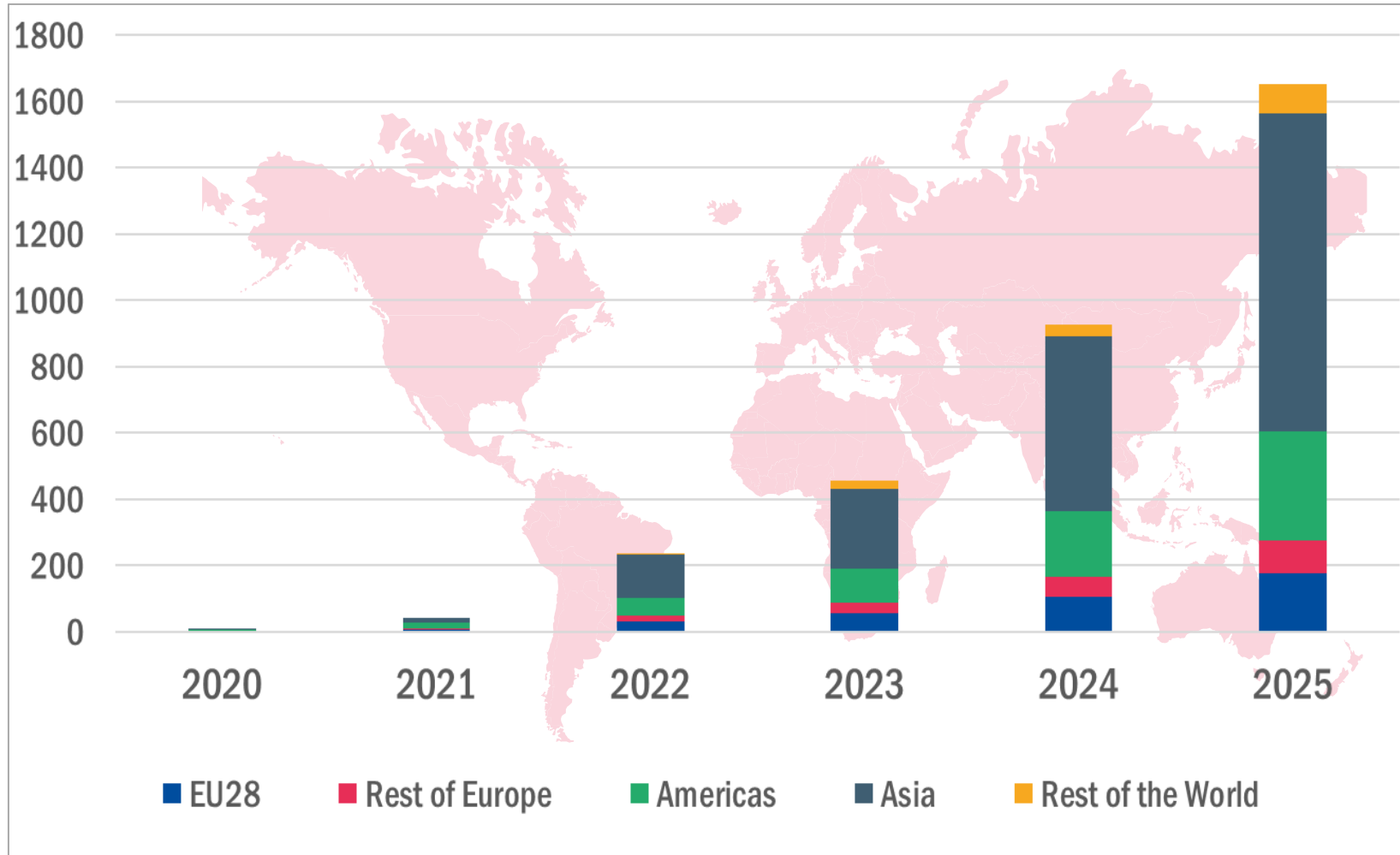
Europe lagging behind (2020), compared to Asia and the US (2018-2019)



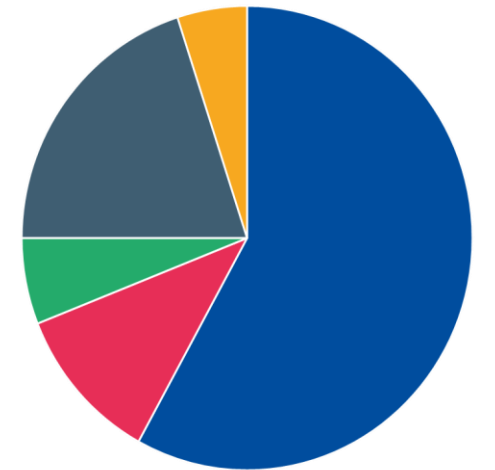


COMMERCIAL LAUNCHES EXPECTED OVER THE NEXT COUPLE OF YEARS (2018-2020)

5G mainstream in 2023



**2025:
1.7 BILLION
5G SIMs**



■ Asia ■ EU28 ■ rest of Europe ■ Americas ■ Rest of the World

THE IDATE DIGIWORLD 5G TEAM



Frédéric PUJOL

Radio Technologies & Spectrum
practice leader
f.pujol@idate.org



Carole MANERO

Wireless Services practice
leader
c.manero@idate.org

THANK YOU!