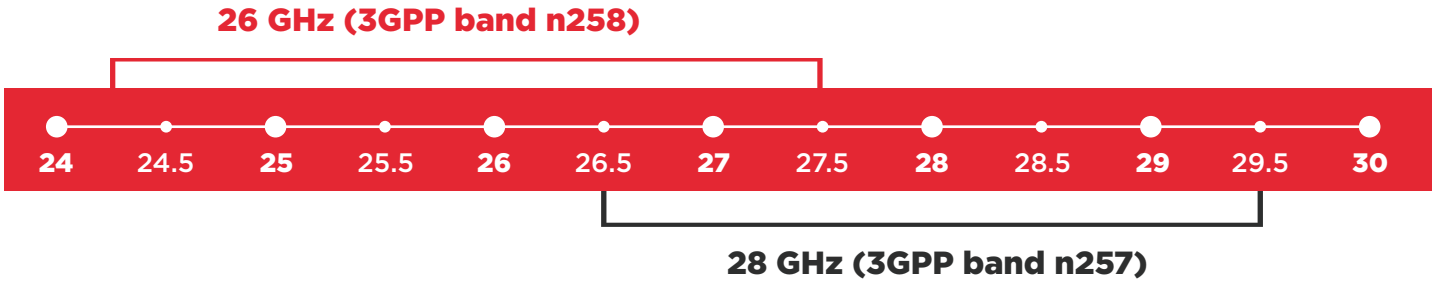
26 GHz and 28 GHz for 5G

The growing momentum behind millimetre wave spectrum

The combination of 5G and millimetre waves pioneer a new level of mobile performance with ultra-high speeds and low latencies. Momentum behind 28 GHz is growing, with the availability of commercial services and devices. For 26 GHz, the global identification of the range at WRC-19 will give the band a big boost. Regulators can now consider a mobile assignment knowing there will be an ecosystem in place.



5G USE CASES WITH GREAT POTENTIAL

Where

Busy urban areas, stadiums, shopping malls and railway stations

Homes and businesses using fixed wireless access

Regular and autonomous trains, buses and cars

What

Data transmission at tens of gigabits

IoT

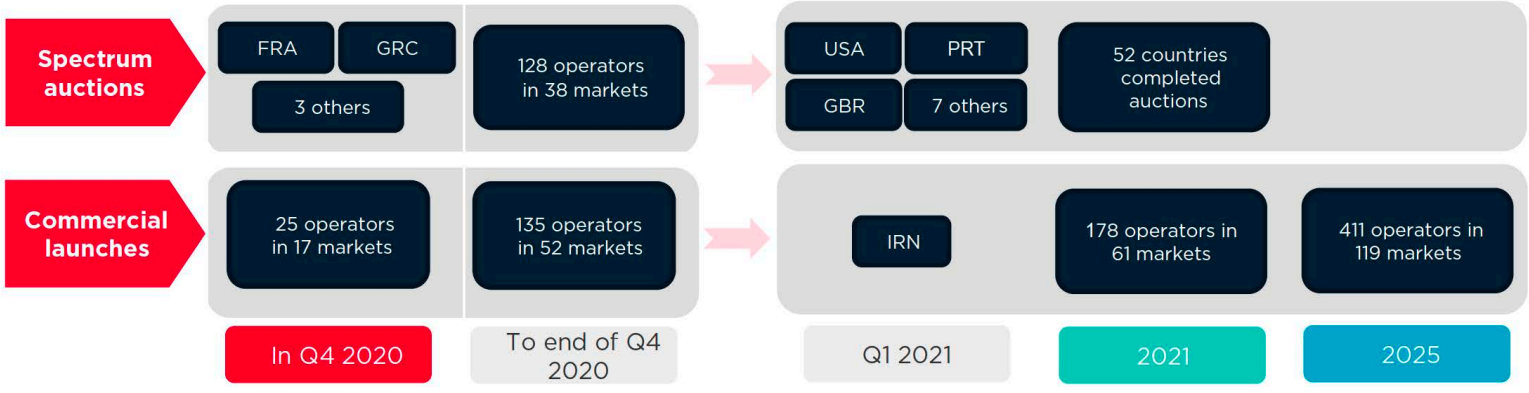
Augmented and Virtual Reality

Video Streaming with low latencies: 4K without compression and 8K

Industrial Automation with low latencies and high reliability

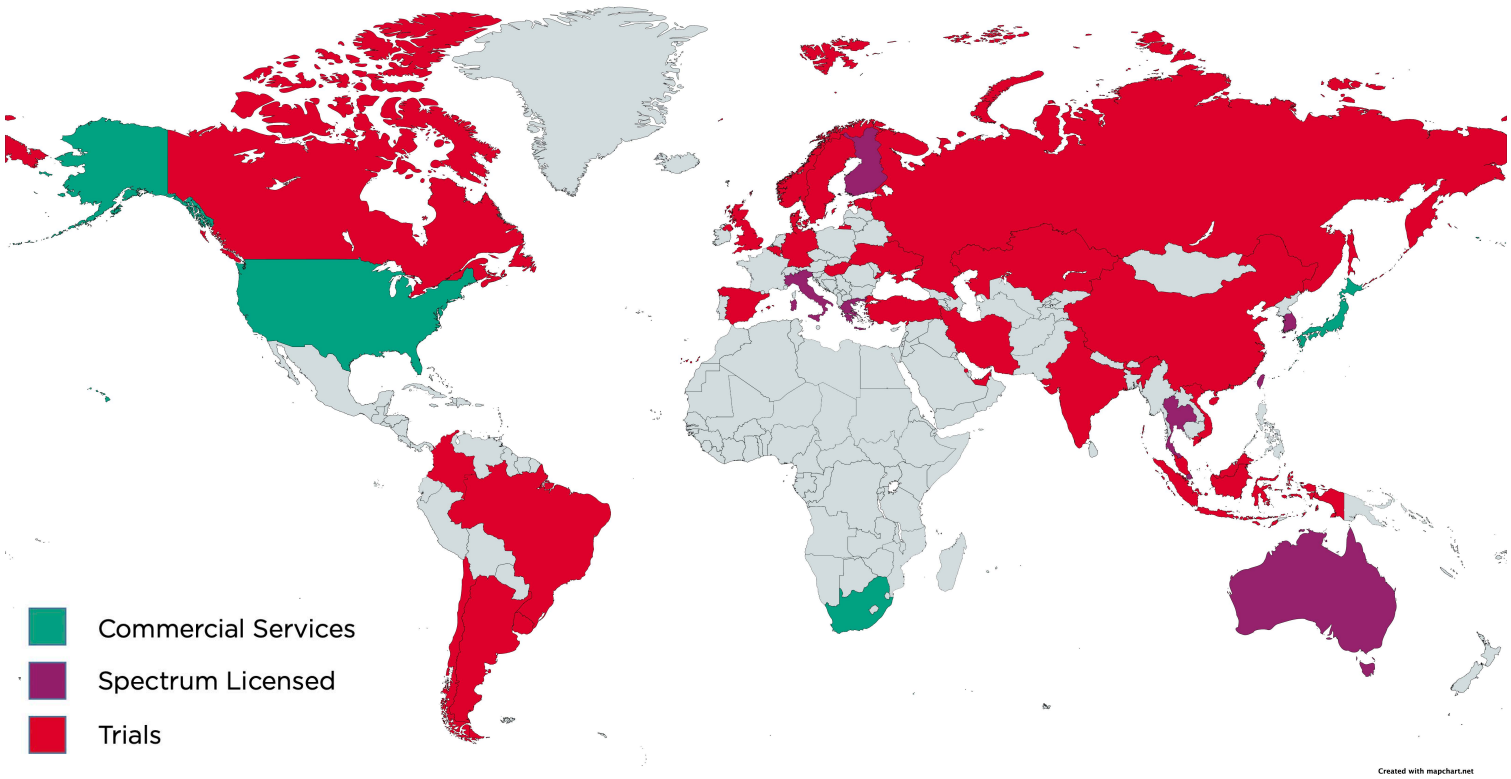
And more...

5G AUCTIONS AND LAUNCHES (across low-, mid- and high-bands)



Source: GSMA Intelligence

MOMENTUM IS PICKING UP - MMWAVE ROLLOUTS



Source: GSMA Intelligence

GDP IMPACT BY 2034

$565 billion

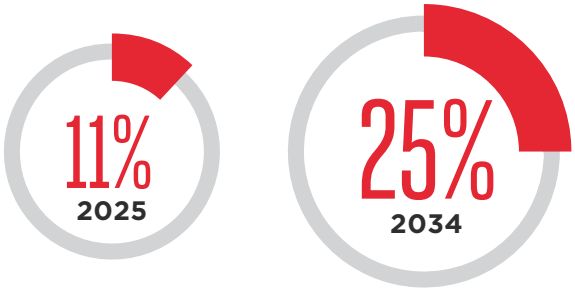
TAX
$152bn

2.9%
GDP growth

THE GROWING IMPORTANCE OF MMWAVES

52%

Rapid rise: mmWave contribution to GDP to grow 52% annually



The share of 5G services using mmWaves

Read More

March 2021

The GSMA's spectrum team's positions on 5G spectrum is available at:
https://www.gsma.com/spectrum/5g-spectrum-guide/

For the latest information on WRC-19 and WRC-23 visit:
https://www.gsma.com/spectrum/wrc-series/