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About the GSMA

THE GSMA
WAS FOUNDED IN
1987

15 OFFICES
WORLDWIDE



SHANGHAI



SAN FRANCISCO



BEIJING



SAO PAULO



NAIROBI



NEW DELHI



LONDON



DUBAI



ATLANTA



BRUSSELS



BARCELONA



HONG KONG



BRASILIA



BUENOS AIRES

Connecting everyone and everything to a #betterfuture



The mobile industry is the first to formally commit to the UN Sustainable Development Goals



The GSMA represents the interests of mobile operators worldwide



UNITING NEARLY **800** MOBILE OPERATORS



WITH ALMOST **300** COMPANIES in the broader mobile ecosystem



The world's leading mobile industry events, Mobile World Congress and Mobile World Congress Shanghai, together attract

160,000+ people from across the globe each year

The GSMA works to deliver a regulatory environment that creates value for consumers by engaging regularly with:



MINISTRIES OF TELECOMS



TELECOMS REGULATORY AUTHORITIES



INTERNATIONAL & NON-GOVERNMENTAL ORGANISATIONS



CONNECTING **23,000+** Industry Experts

Exclusively for GSMA Members, InfoCentre⁺ is your place to connect with a global community of industry experts

GSMA Working Groups provide frameworks and standards in commercial, operational and technical matters that help maintain and advance mobile industry ecosystems



8.1 BILLION+

MOBILE CONNECTIONS WORLDWIDE

5G needs spectrum across three ranges



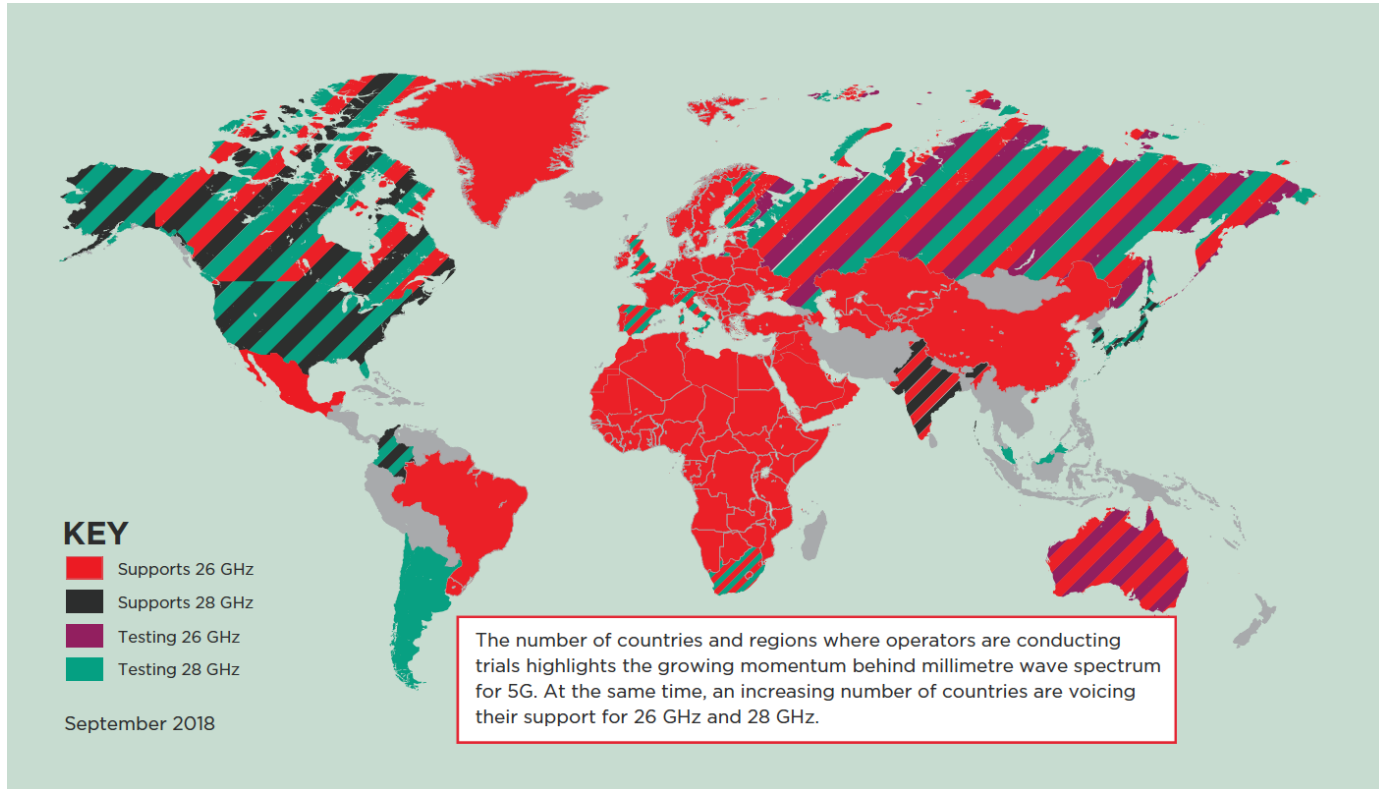
Sub-1 GHz
1-6 GHz
AND ABOVE
6 GHz



WRC-19 Position for A 1.13

- The GSMA supports the **26 GHz and 40 GHz bands**
- The GSMA also supports **66-71 GHz**
- Due to the large amount of spectrum needed for 5G services, the range **45.5-52.6 GHz** also needs to be considered

24.25 GHz to 29.5 GHz – The whole range is important





Threats to 5G...

- Inflated spectrum prices
- Lack of policy measures to encourage investments
- EMF
- Lengthy and complex base station licensing process