

Written by Helen
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Ahead in 5G Technology

By Anastasia Chapman



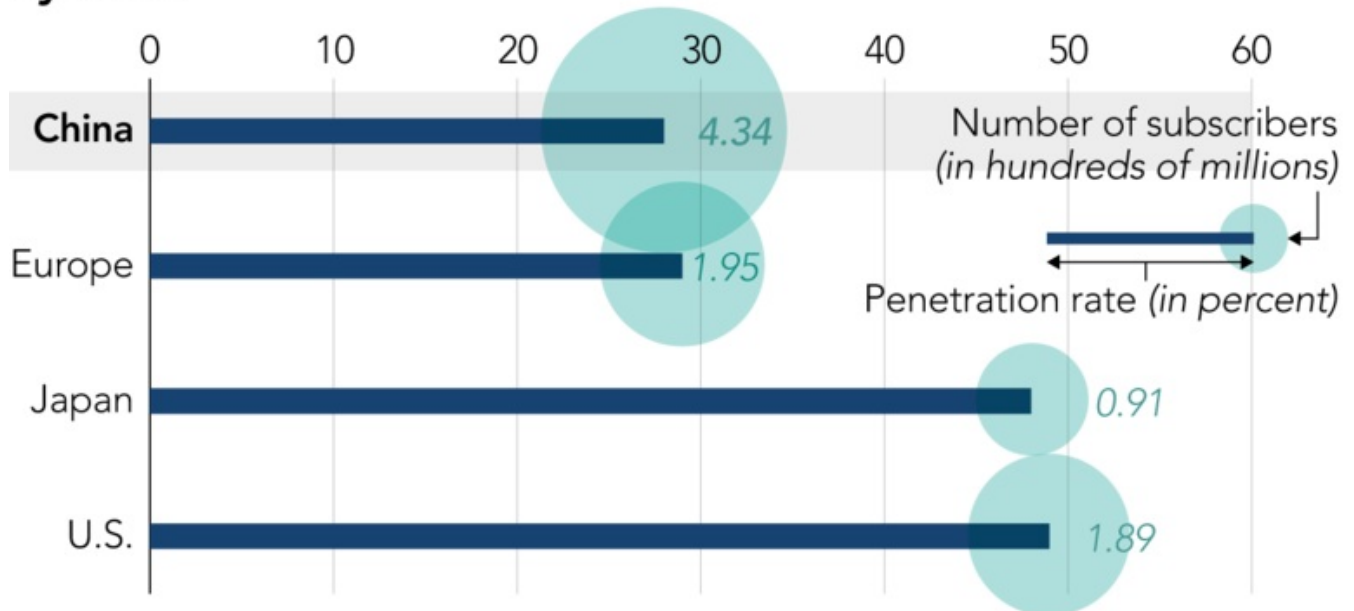
Customers experience 5G-enabled mobile phones at a store in Shanghai on June 30, 2019

You may have heard news about how China has been cornering a substantial chunk of the world's strategic minerals and metal supply crucial for producing new technology. That includes lithium, copper, manganese, rare earth used in everything from electric cars to smartphones. Now, a recent forecast says that China is on its way to becoming the world's largest 5G market with 460 million users of the next-generation super-fast network by 2025.

据中国信息通信研究院（CAICT）最新发布的《5G商用白皮书2019》，中国5G用户规模将在2025年达到4.6亿，占全球5G用户规模的28%。

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China projected to become world's biggest 5G market by 2025



Source: GSM Association

The report further states that this trend has long been forecasted by industry stalwarts, considering how China has been playing a pioneer in building the next-generation network, while experimenting with cutting-edge applications, such as remote surgeries.

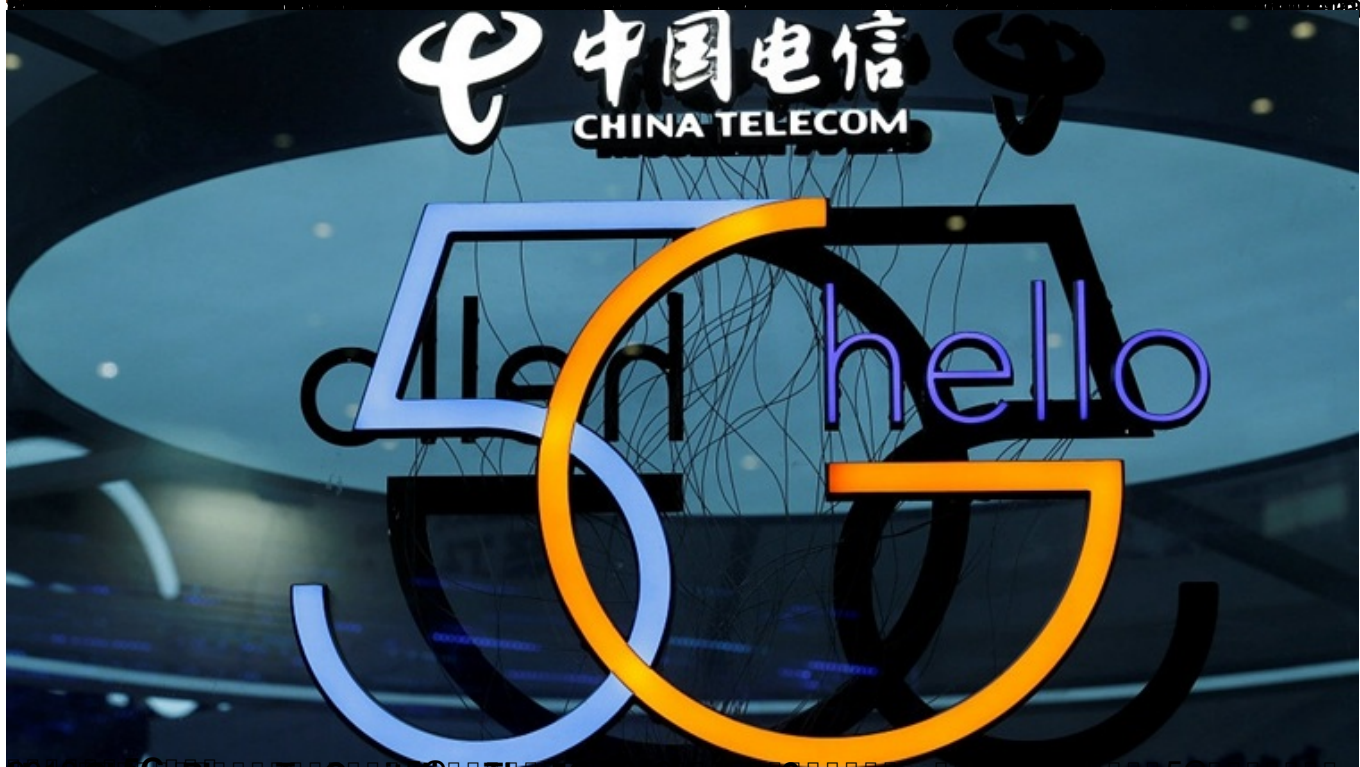
A big reason behind this development is because China holds the world's largest mobile market by both network size and subscribers, and it is also way ahead than that of the United States (187 million) and Europe (205 million) combined in the 5G race.

5G 1.87 2.05



China's mobile technology milestones

	<i>Standard</i>	<i>Foreign/ Local</i>	<i>Equipment</i>
Before 1994	Analogue	Foreign	Buy foreign
1994-2002	China mobile-GSM	Foreign	Buy foreign
	Unicom-GSM, CDMA	Foreign	Buy foreign
2002-08	China mobile-GSM	Foreign	Buy local, reduce foreign
	Unicom-GSM, CDMA	Foreign	Buy local, reduce foreign
2008-14	China mobile-TD-SCDMA	Local	Buy local
	Unicom-WCDMA	Foreign	Buy mostly local
	China telecom-CDMA2000	Foreign	Buy mostly local
2014-now	CM-TD-LTE 4G	Local	Buy local
	Unicom-FD-LTE 4G	Foreign	Buy mostly local
	CT-FD-LTE-4G	Foreign	Buy mostly local
2019 & beyond	5G	Global	Buy mostly local



How China Plans to Capitalise The 5G Technology? 5G

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Chandhira 5G demostration an augmented reality application at the Mobile World Congress
What Can Chinese Businesses Expect Out Of It

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China Telecom will be the first to launch 5G base station. 5G is the next generation of mobile communication technology, which will bring us a new world of possibilities. 5G is the next generation of mobile communication technology, which will bring us a new world of possibilities. 5G is the next generation of mobile communication technology, which will bring us a new world of possibilities.