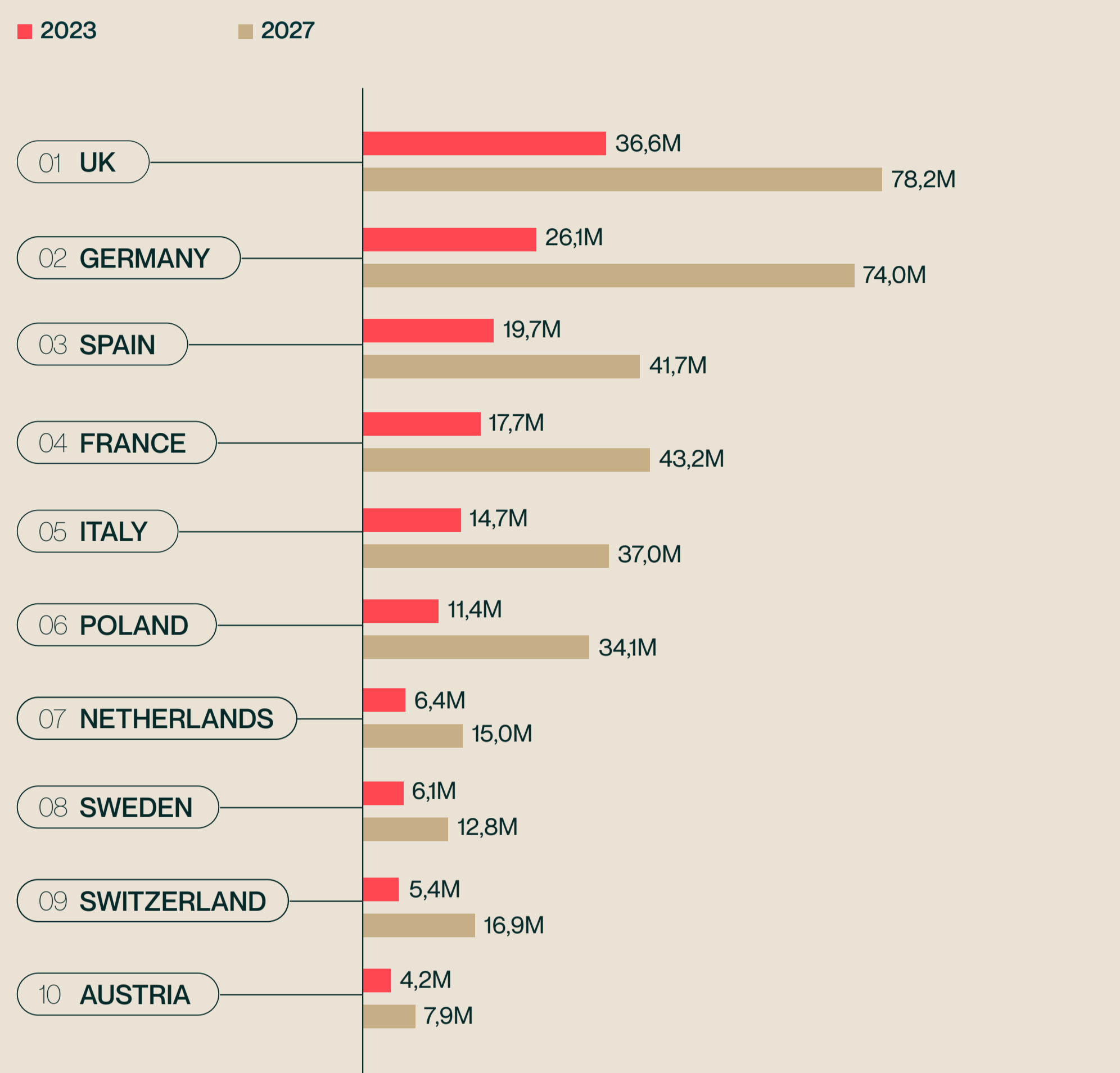


5G MONETIZATION CHALLENGES

5G CONNECTIONS IN EUROPE

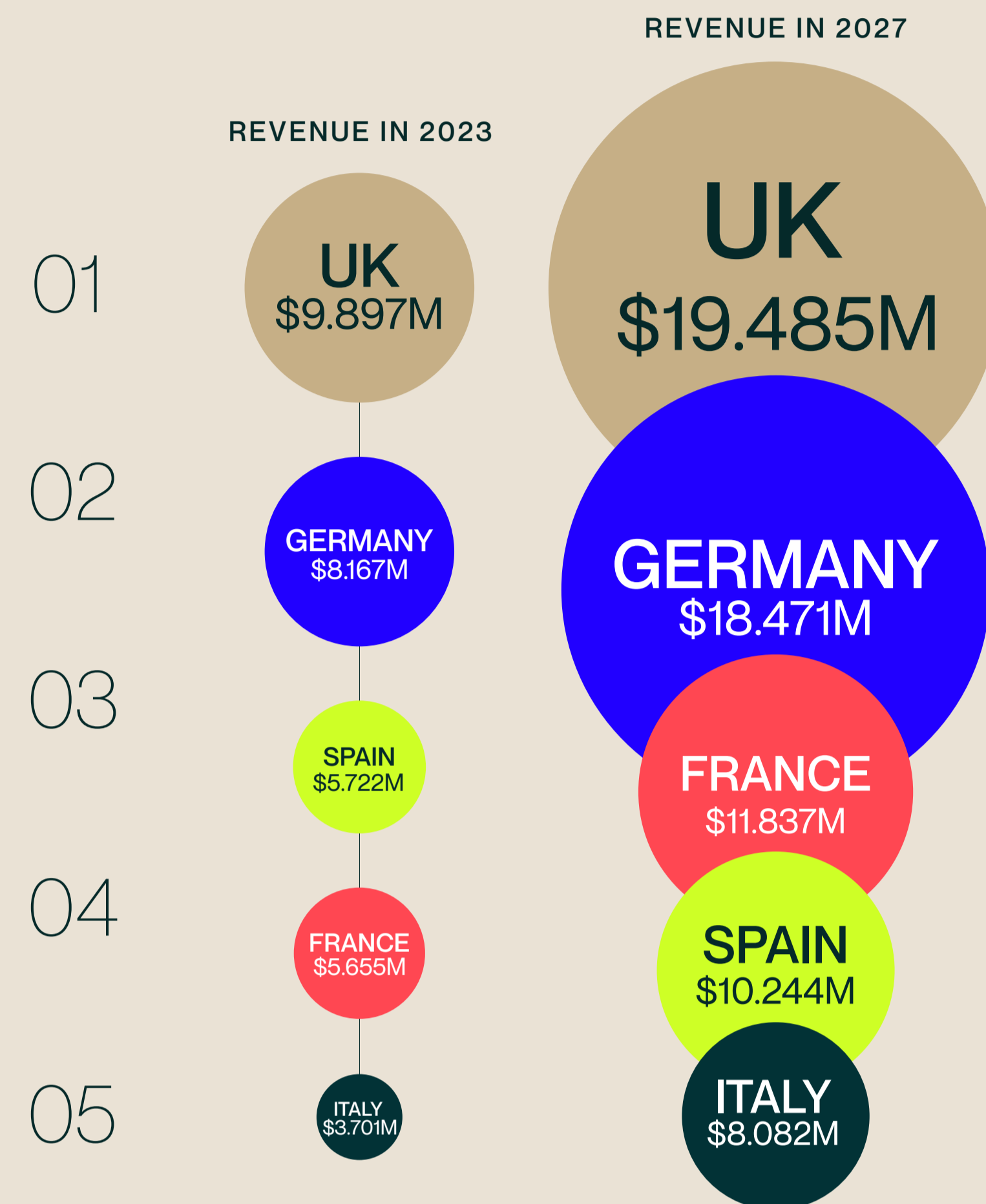
The expected evolution of active 5G connections in some countries between 2023 and 2027 places the UK, Germany and Spain among Europe's TOP leading 5G network countries.

GLOBAL MOBILE 5G ACTIVE CONNECTIONS



THE ESTIMATED 5G MARKET

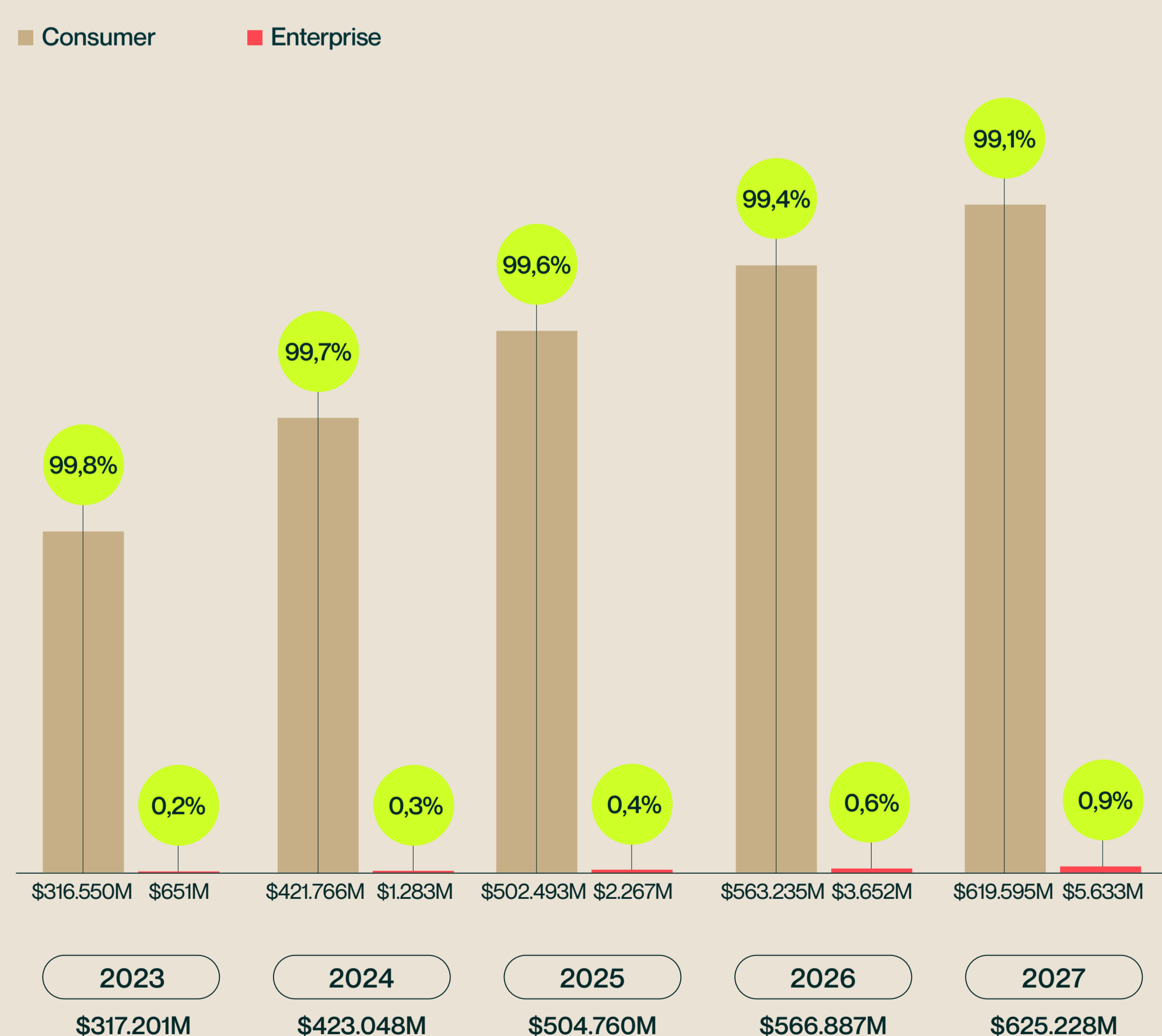
Regarding revenue, the UK, Germany, Spain, France, and Italy shape the top 5 countries which will generate more value with 5G in the next years.



USERS AHEAD OF COMPANIES

Globally, during 2023, more than 99% of the connections will be done by consumers, while businesses will not reach 1%.

TOTAL BILLED REVENUES OF THE GLOBAL 5G OPERATOR



5G BUSINESS MARKET INCOMES

In terms of industry, automotive will continue to be the dominant sector in revenues by 2027, although smart cities and Enterprise 5G broadcast sector will have a significant impact on the revenues generated by 5G.

TOTAL 5G COMMERCIAL IOT & AUTOMOTIVE OPERATOR BILLED REVENUE

