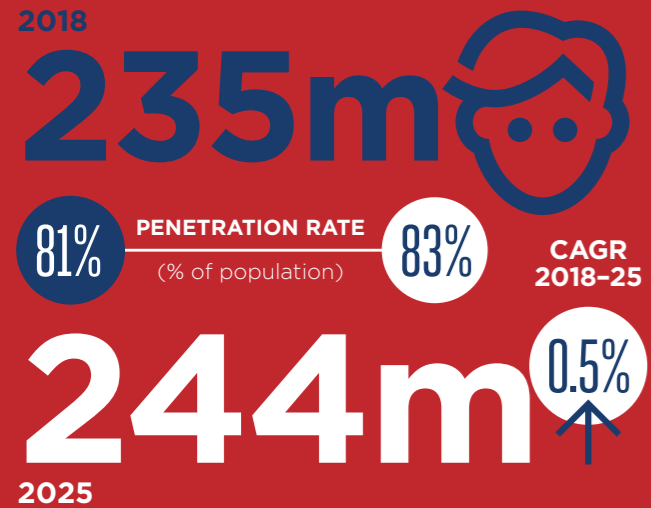


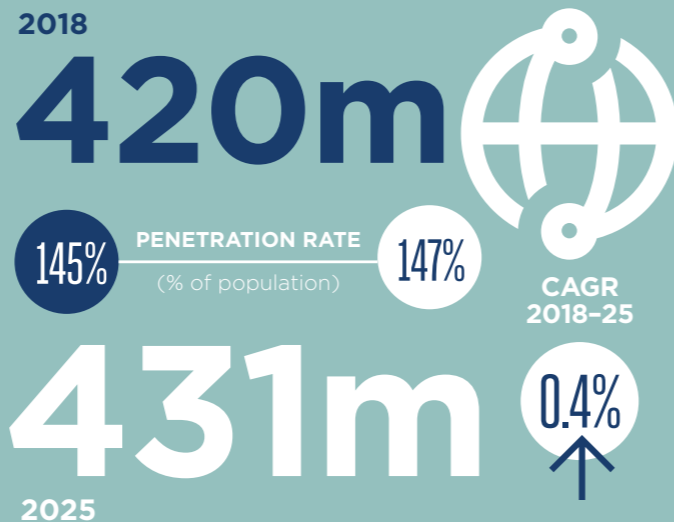
Russia & CIS

Unique mobile subscribers



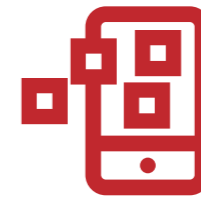
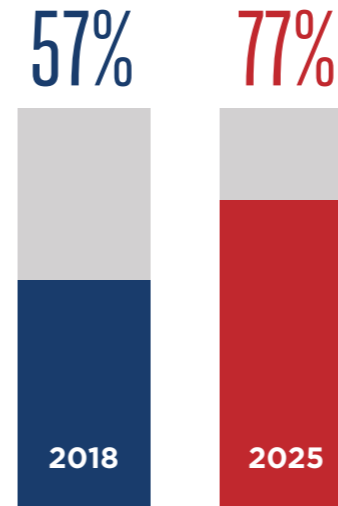
SIM connections

Excluding licensed cellular IoT



Smartphone adoption

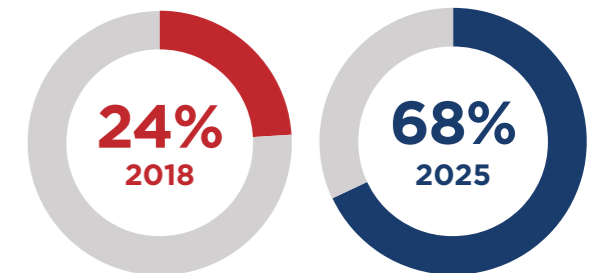
(as a proportion of total connections)



4G connections*



Adoption (as a proportion of total connections)



Licensed cellular IoT connections

27m 2018

87m 2025



5G connections* in 2025 (13% of total connections) **54m**

*Excluding licensed cellular IoT



Public funding

Mobile ecosystem contribution to public funding (before regulatory and spectrum fees)

\$12bn

2018



Employment

2018

270,000

Jobs

directly supported by the mobile ecosystem

Plus 350,000 indirect jobs

Operator revenues and investment

Total revenues



Operator capex of \$38.8 billion for the period 2019-2025