

MOBILE ECONOMY MENA

Unique mobile subscribers



SIM connections



*Excluding M2M

Accelerating moves to mobile broadband networks and smartphone adoption

Mobile broadband connections to increase from 50% of total in 2016 to

69% by 2020

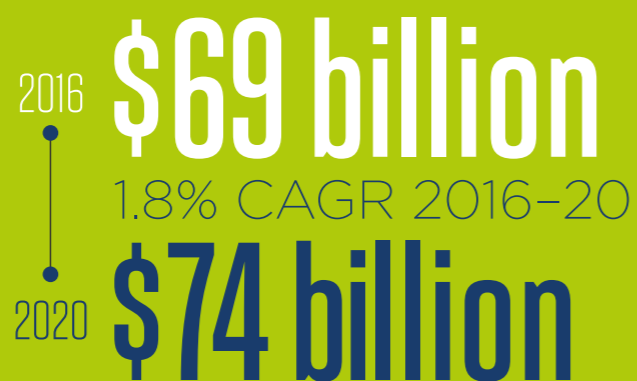
By 2020, there will be

463m

smartphones - growth of **167 million** from the end of 2016

Data growth driving revenues and operator investments

Operator total revenues



Operator CAPEX of up to **\$50 billion** for the period 2017-20

Mobile contributing to economic and social development across the region



DIGITAL INCLUSION

Delivering digital inclusion to the still unconnected populations.

MOBILE INTERNET PENETRATION

38% 2016 — 2020 48%



FINANCIAL INCLUSION

Delivering financial inclusion to the unbanked populations. As of December 2016 there were

24 live mobile money services in 9 countries



INNOVATION

Delivering innovative new services and apps. Number of M2M connections to reach

31 million by 2020



Mobile industry contribution to GDP



Public funding

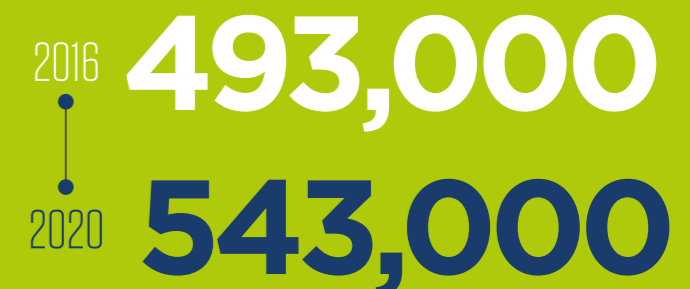
Mobile ecosystem contribution to public funding (before regulatory and spectrum fees)



Employment



Jobs directly supported by the mobile ecosystem



Plus an additional **630,000** indirect jobs supported in 2020