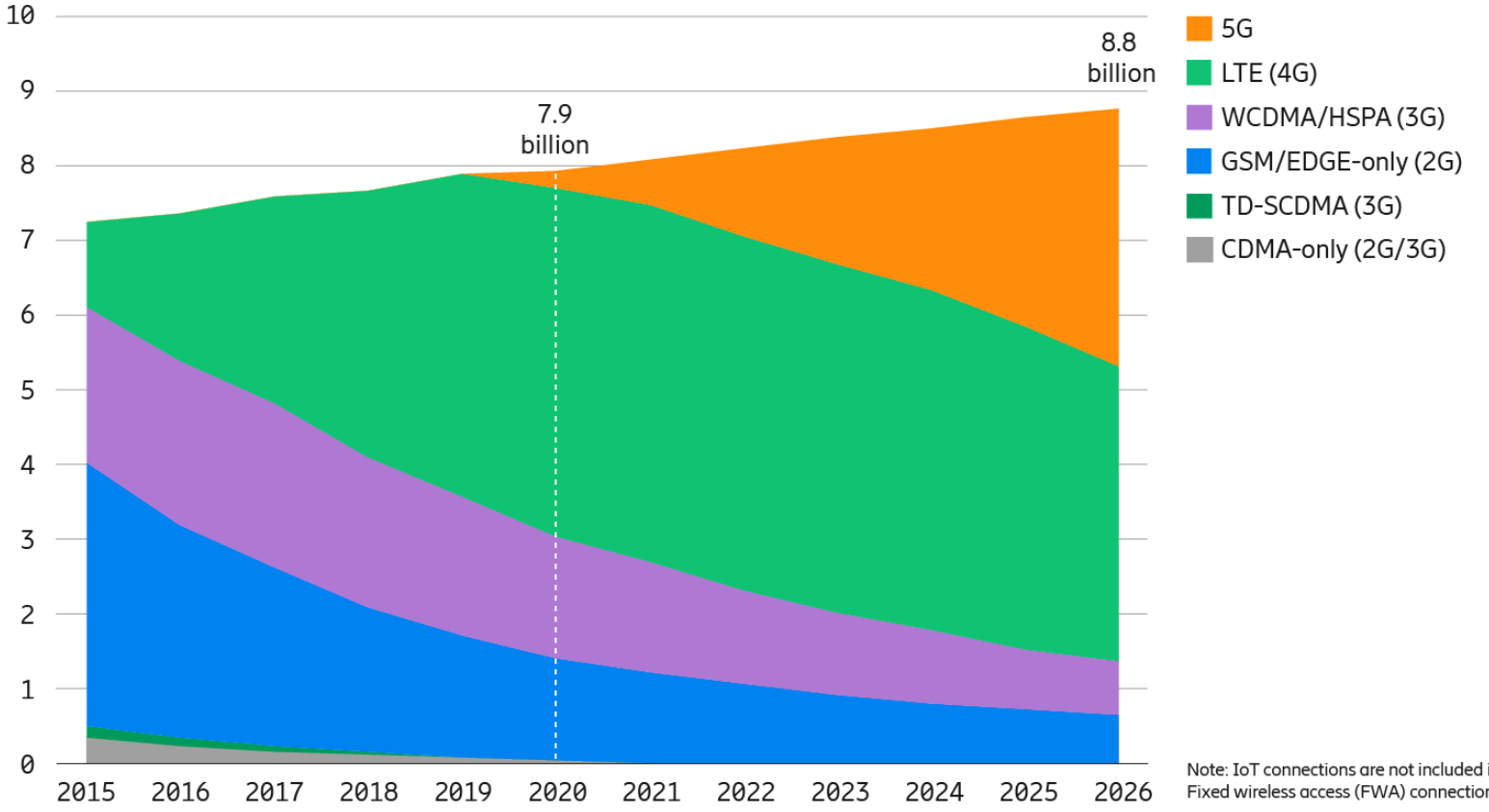
Ericsson Mobility Report
November 2020

Middle East and Africa

In 2026 there will be 3.5 billion 5G subscriptions

Mobile subscriptions by technology (billion)



Note: IoT connections are not included in this graph.
Fixed wireless access (FWA) connections are included.

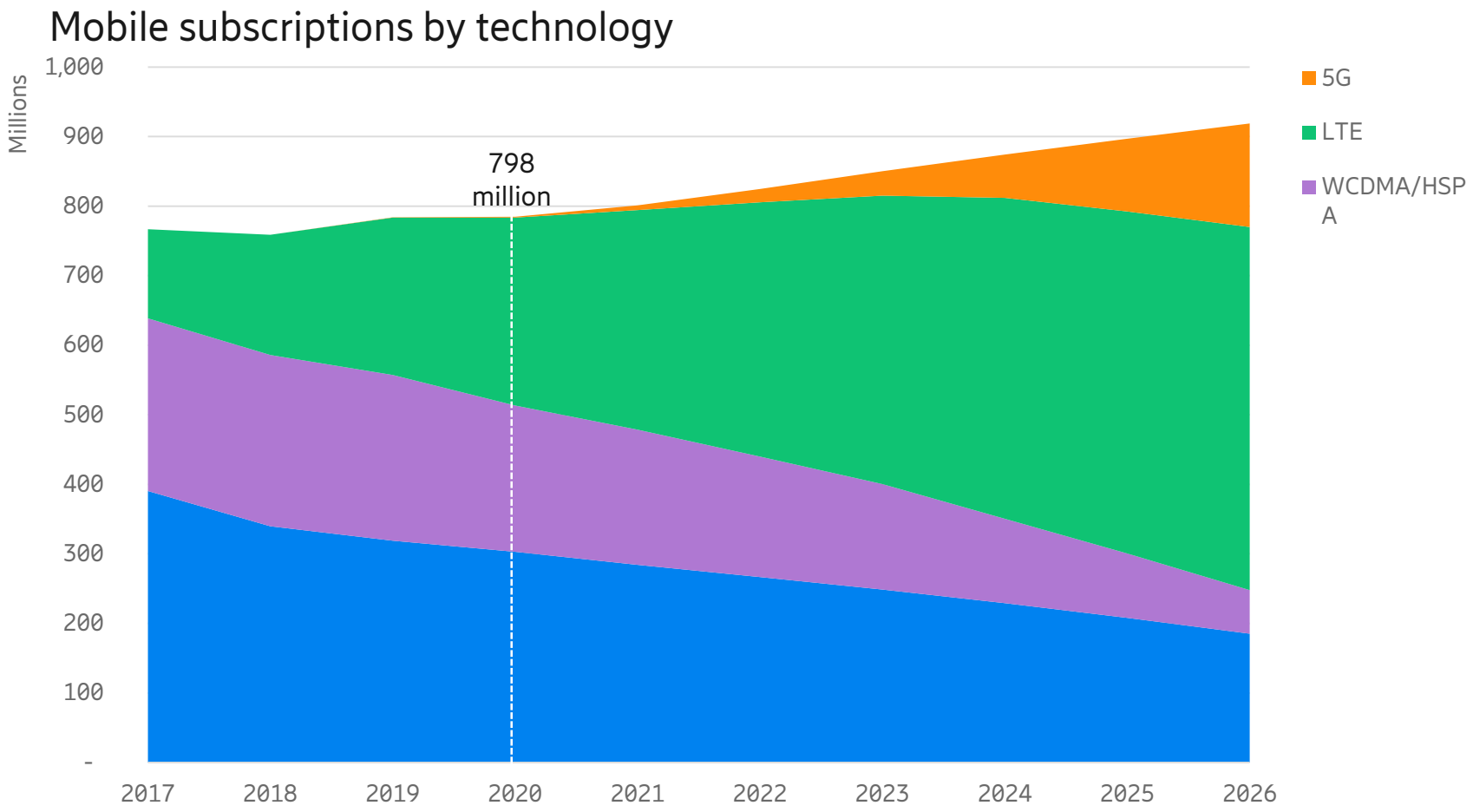
220m

220 million 5G subscriptions expected end of 2020.

>100

More than 100 service providers around the world have launched 5G.

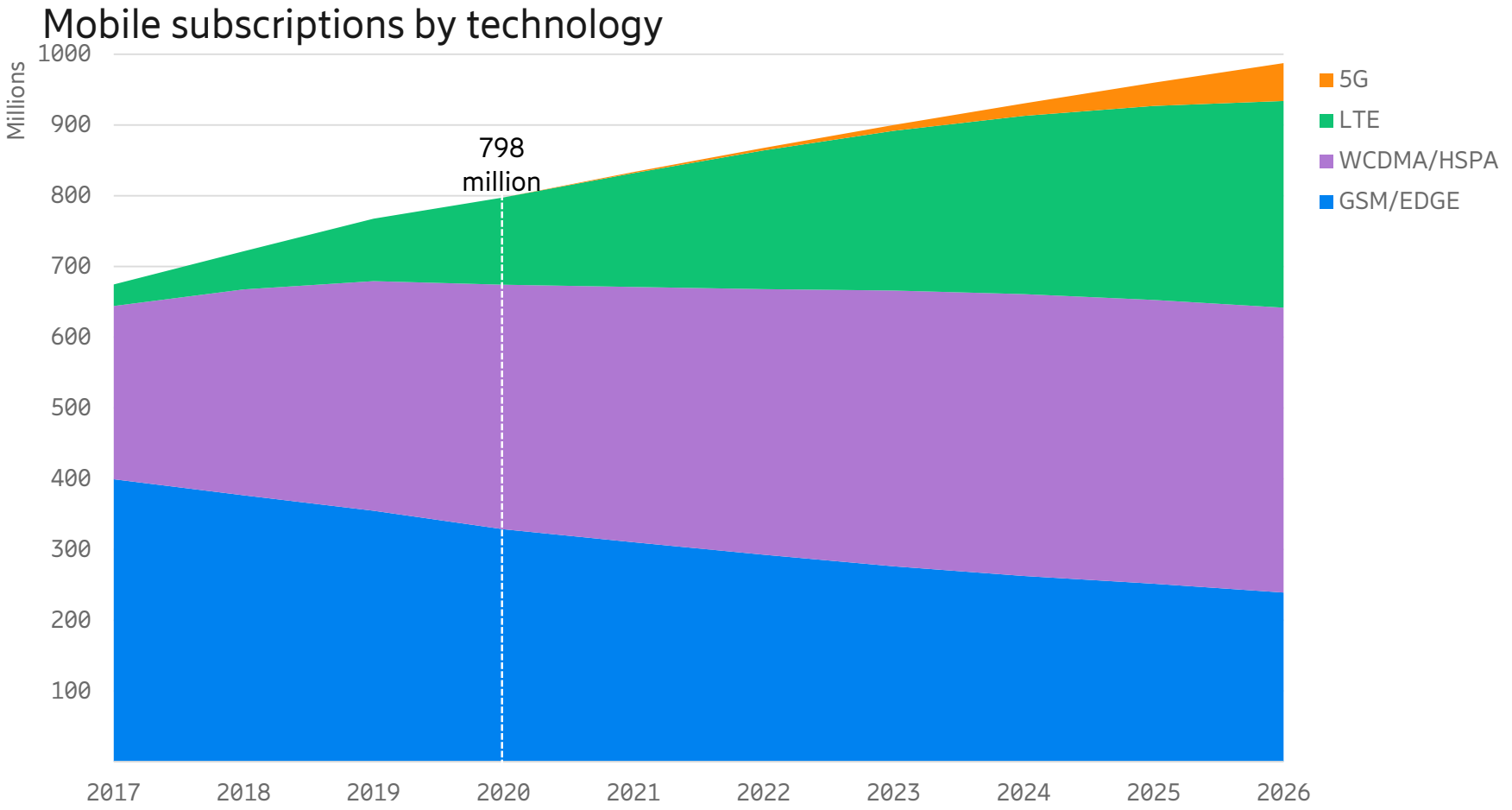
In 2026 there will be 130 million 5G subscriptions in MENA



50%

LTE as the dominant technology with more than 50 percent of the subscriptions by 2026 in MENA

By 2026, 4G/LTE subscriptions are predicted to grow up to 2.5 times in SSA

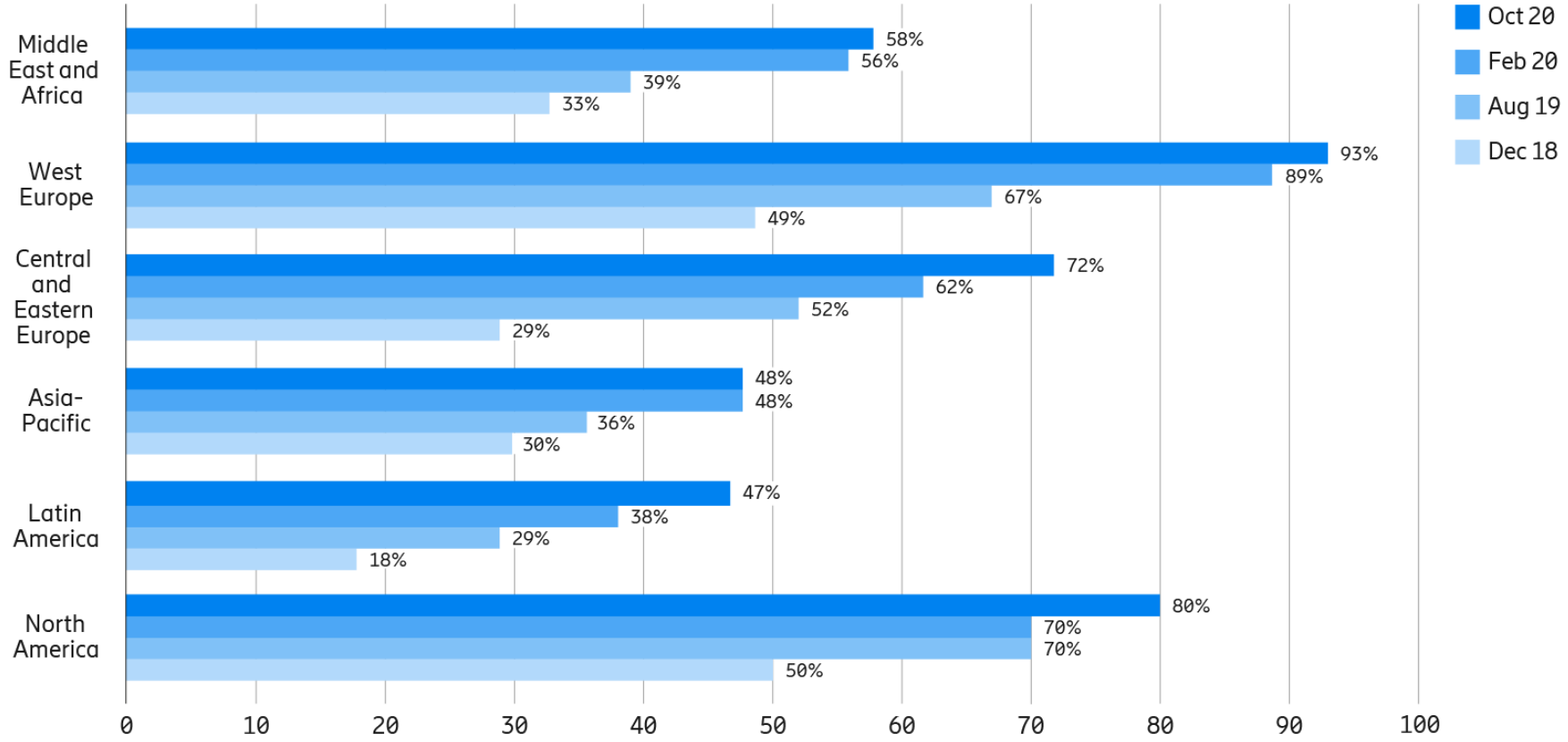


40%

HSPA will remain the dominant technology with a share of over 40 percent by 2026 in SSA

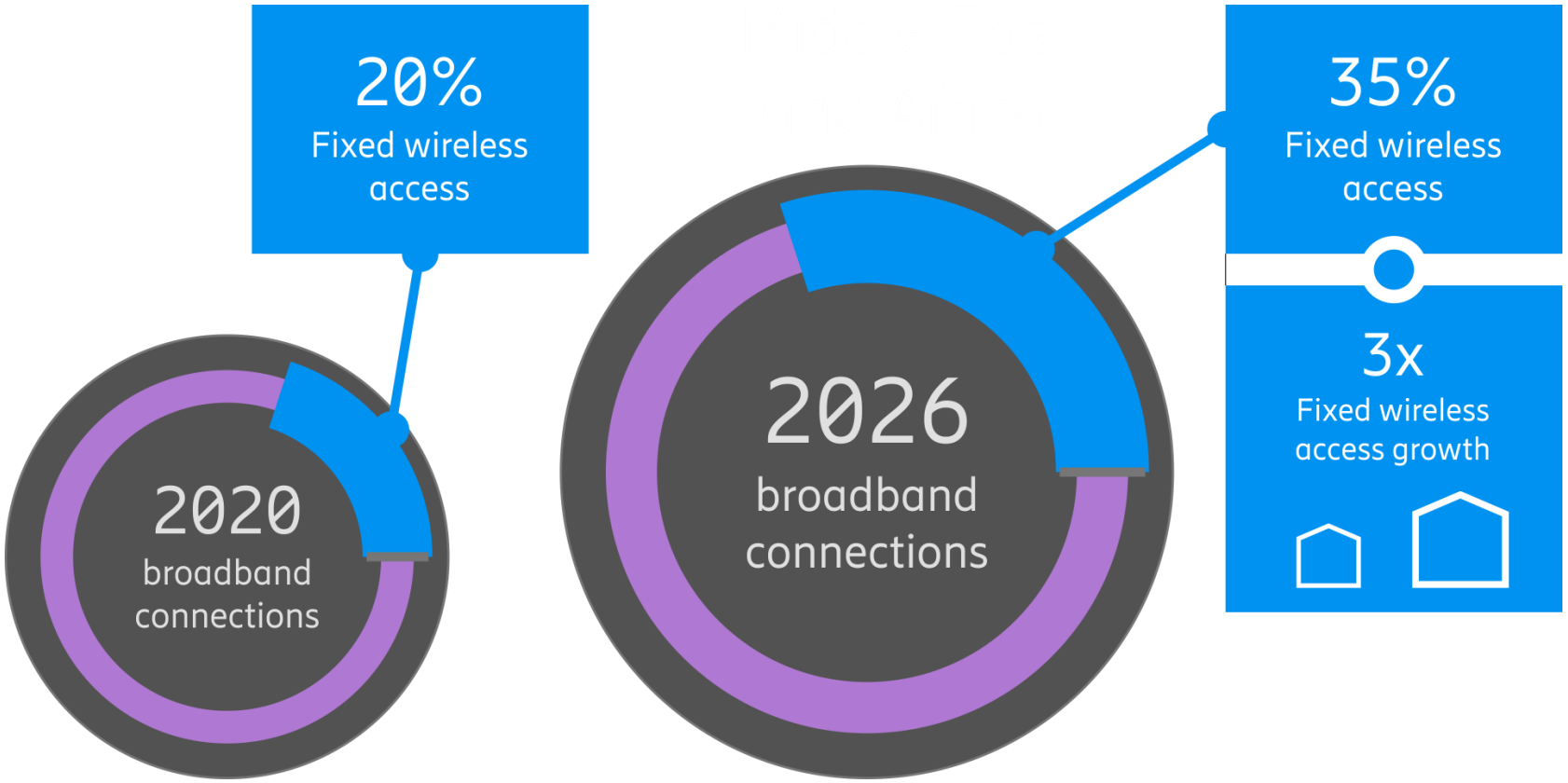
FWA offerings grew around 20% in MEA in the past year.

Regional percentage of service providers offering FWA



Western Europe has the highest FWA adoption at 93 percent

Fixed wireless access to connect the unconnected in MEA

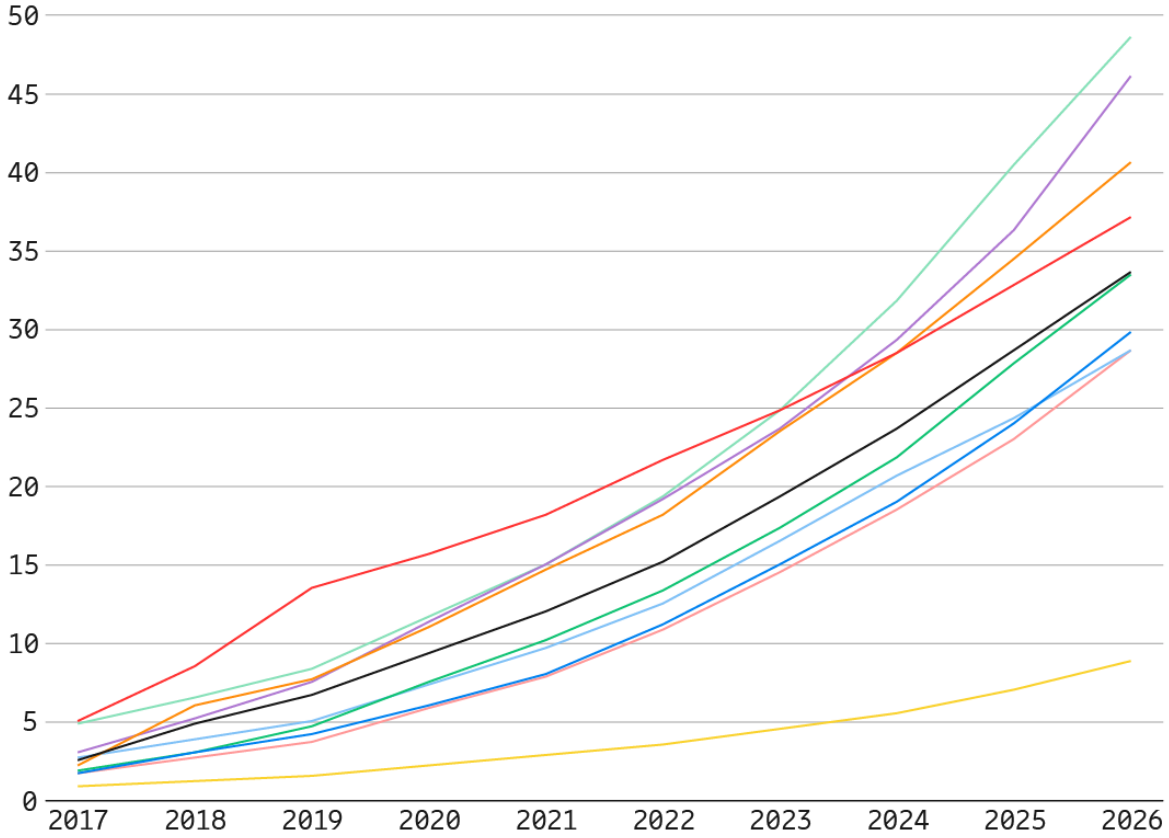


35m

FWA Connections is project to triple and reach 35million by 2026 in MEA

MENA to experience the highest smartphone traffic growth

Mobile data traffic per smartphone (GB per month)

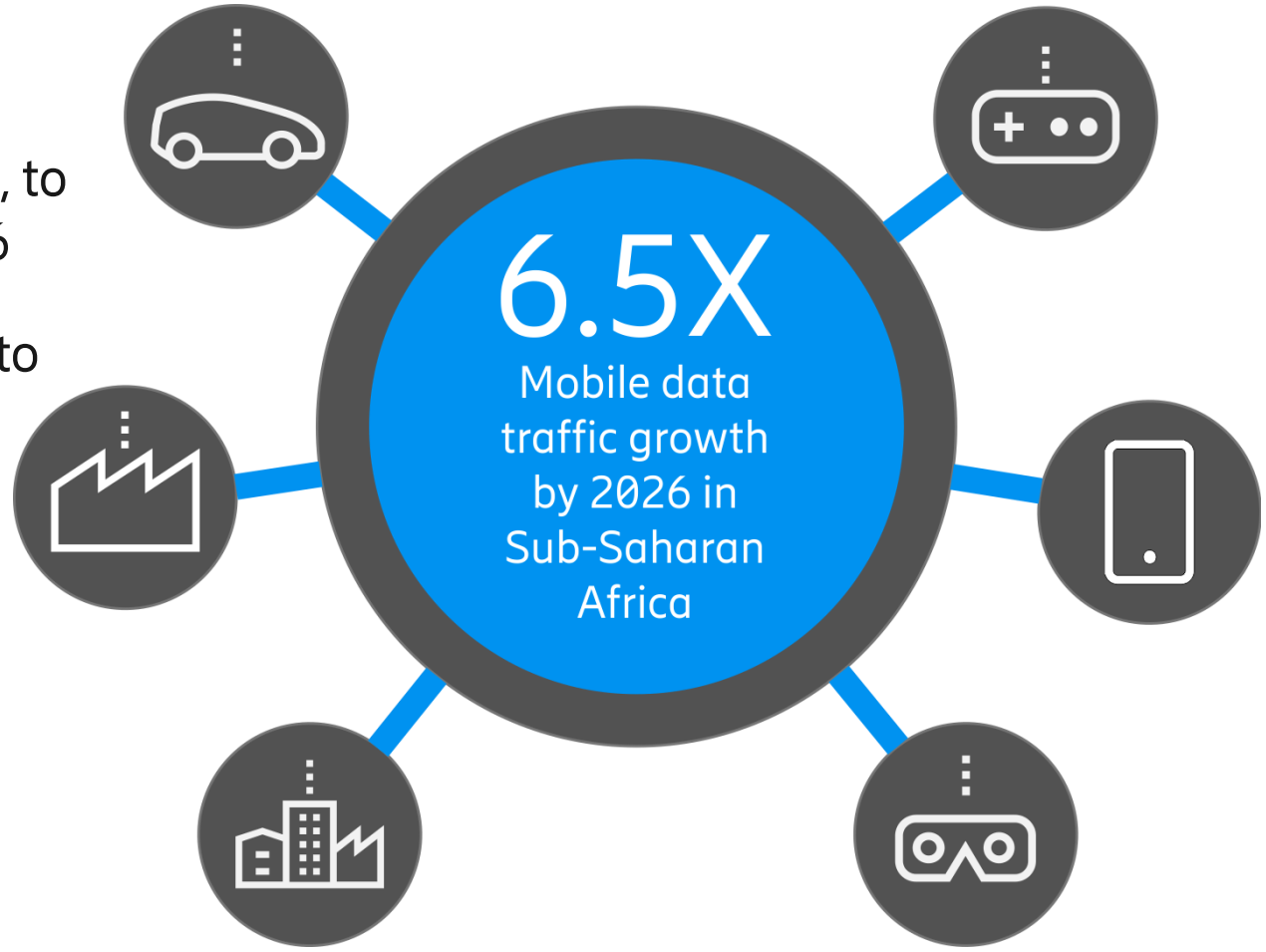


Regions	2020	2026	CAGR 2020–2026
North America	11.8	49	27%
Western Europe	11.3	46	26%
North East Asia	11.1	41	24%
India	15.7	37	15%
Global average	9.4	34	24%
South East Asia and Oceania	7.6	33	28%
Middle East and North Africa	6.0	30	30%
Central and Eastern Europe	7.3	29	26%
Latin America	5.8	29	30%
Sub-Saharan Africa	2.2	8.9	26%

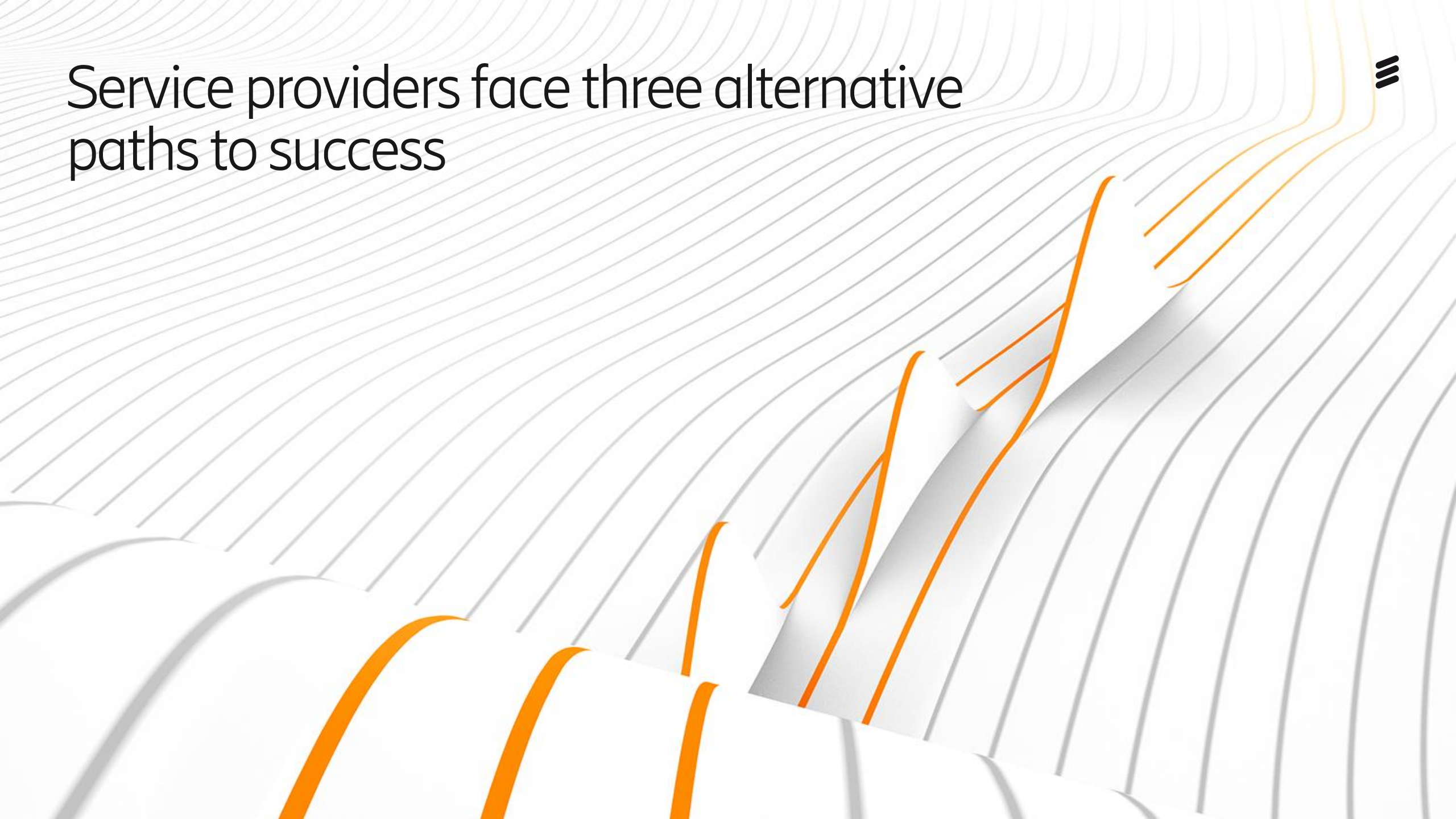
— India region has the highest average monthly usage per smartphone today

Total Mobile data traffic to grow 6.5x in SSA by 2026

- Smartphones adaptation will almost double, to reach over 73% of the subscriptions by 2026
- Average traffic per smartphone is expected to reach 8.9GB per month by 2026



Service providers face three alternative paths to success



Service providers compete with distinct strategies

19%

Quality-led is deployed by 19 percent of service providers, who lead in network performance

28%

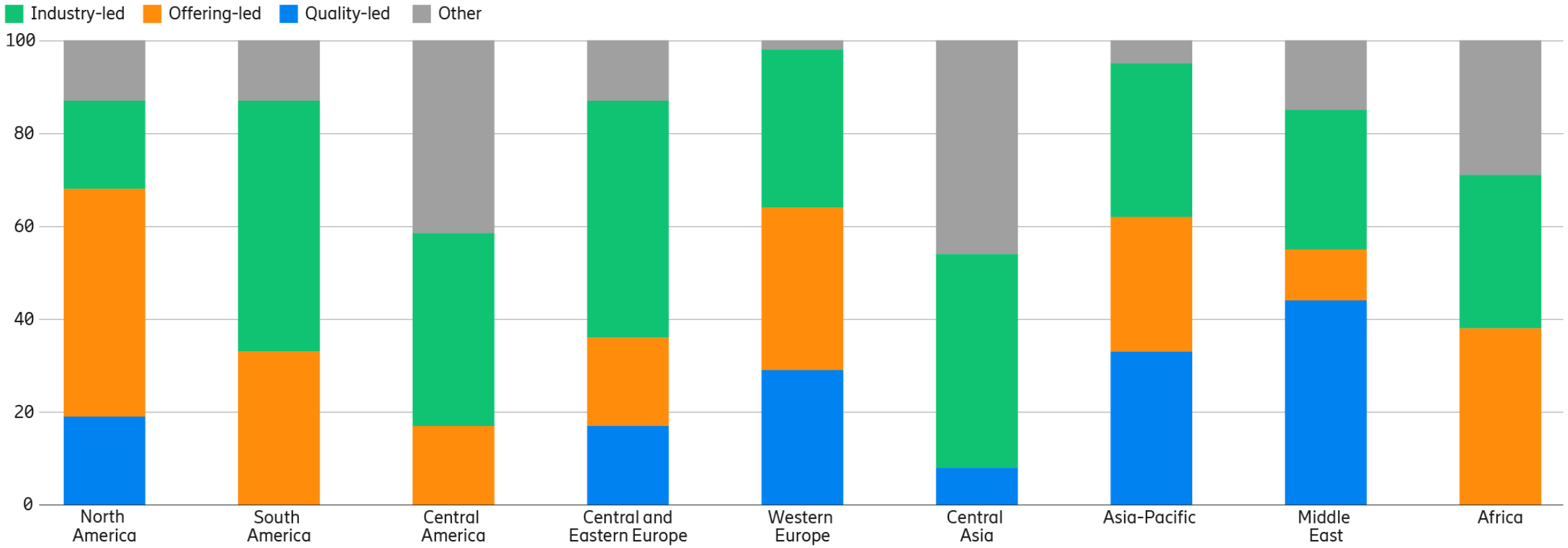
Of the service providers surveyed, 28 percent are offering-led, challenging with new services.

38%

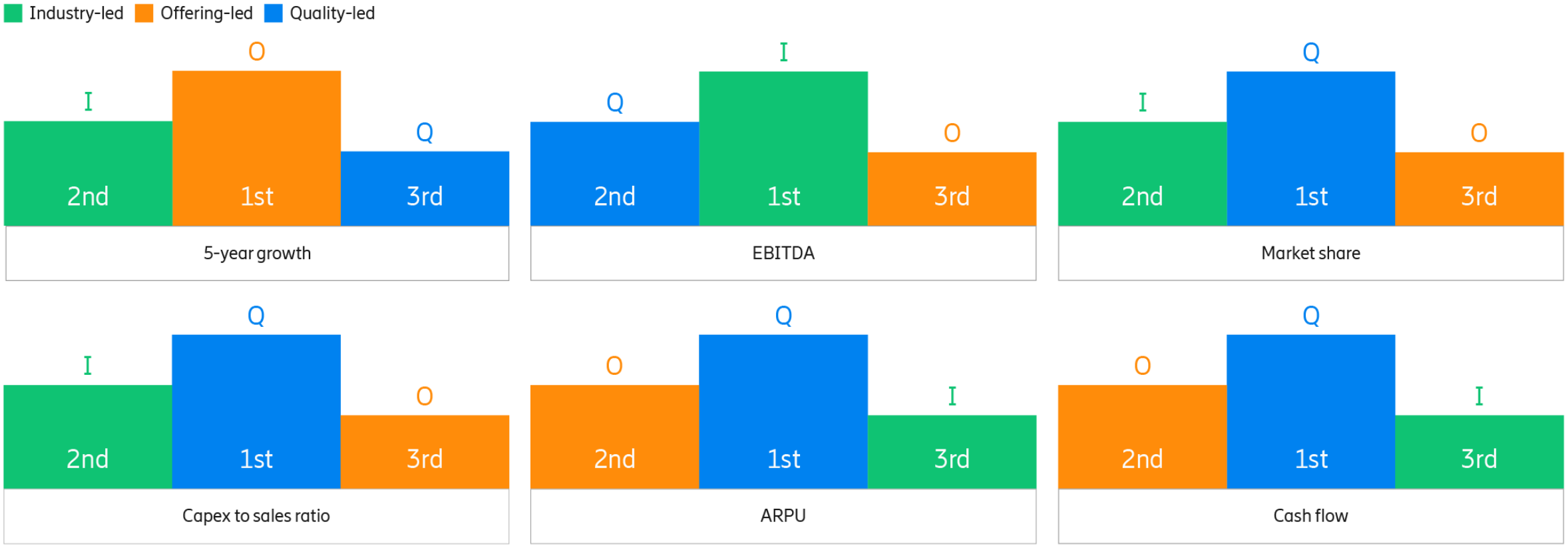
At 38 percent, industry-led is the most common strategy, focusing on a value for money proposition.

Middle East has the highest proportion of quality-led service providers

Spread of strategies within each region (percent)



The ranking of service providers which lead in KPIs, in their respective local markets



2020: the ultimate stress-test for FirstNet

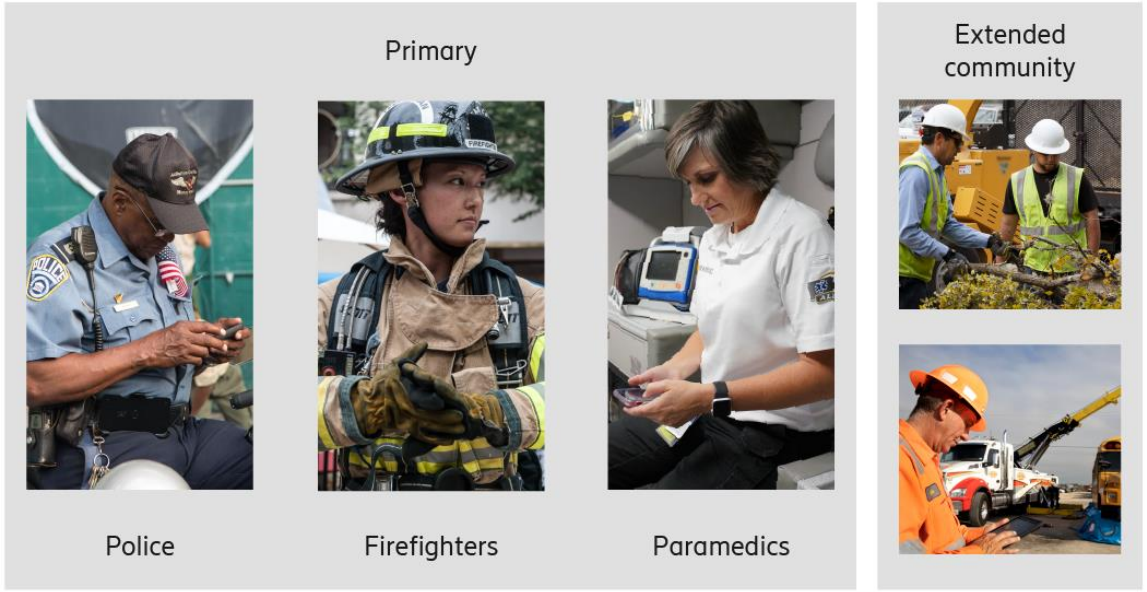
This article was written in cooperation with AT&T, a market-leading global service provider delivering a range of innovative mobile and fixed-line communications-based services to help people, businesses and first responders stay connected.

AT&T

FIRSTNET. Built with AT&T

The law associated with the formation of the FirstNet Authority included allocating 20MHz of spectrum nationwide and USD 7 billion to support the build-out of FirstNet. After consulting with states, territories, tribal governments and public safety agencies at every level, the FirstNet Authority sought to form a public–private partnership with a nationwide service provider.

Mission-critical networks connect the public safety community



- Presently serves 1.7 million first-responders and 14000 agencies providing mission-critical capabilities
- Network launched on 4G LTE and currently being upgraded to provide 5G capabilities
- 5G technologies will provide a range of network improvements, including low latency and capacity enhancements

Examples of applications and use cases 5G could unlock for first responders

Drones dispatched to crime scenes could provide police officers with a heads-up view of the situation. AR and heat sensors could be used in drones for underground fire detection during wildfire fighting.

Connected ambulances could give emergency medical technicians near-real-time traffic information to take the optimal route, seamlessly share patient statuses virtually with the hospital, and triage with a team of medical professionals at the emergency rooms.

Firefighters could rapidly locate those in need using a 3D layout of a building shown in their helmet visors. Near-real-time video of the situation could stream back to commanders.

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1bn

More than 1 billion people, or 15% of the world population, will have access to 5G coverage by the end of 2020.

220m

220 million 5G subscriptions forecast by the end of 2020 and 3.5 billion by end of 2026.

25%

FWA connections forecast to grow more than threefold, reaching over 180 million by the end of 2026 and accounting for a quarter of all mobile network data traffic.

>4x

We have increased our long-term traffic forecast, now reaching 226EB/month in 2026 which is more than 4 times the traffic of today, due to significant traffic increase in emerging markets like India.