



5G Future Summit MWC Doha

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AI Translation



Session 2

5G-Advanced - Shaping the Future of MNO Service

AI Translation



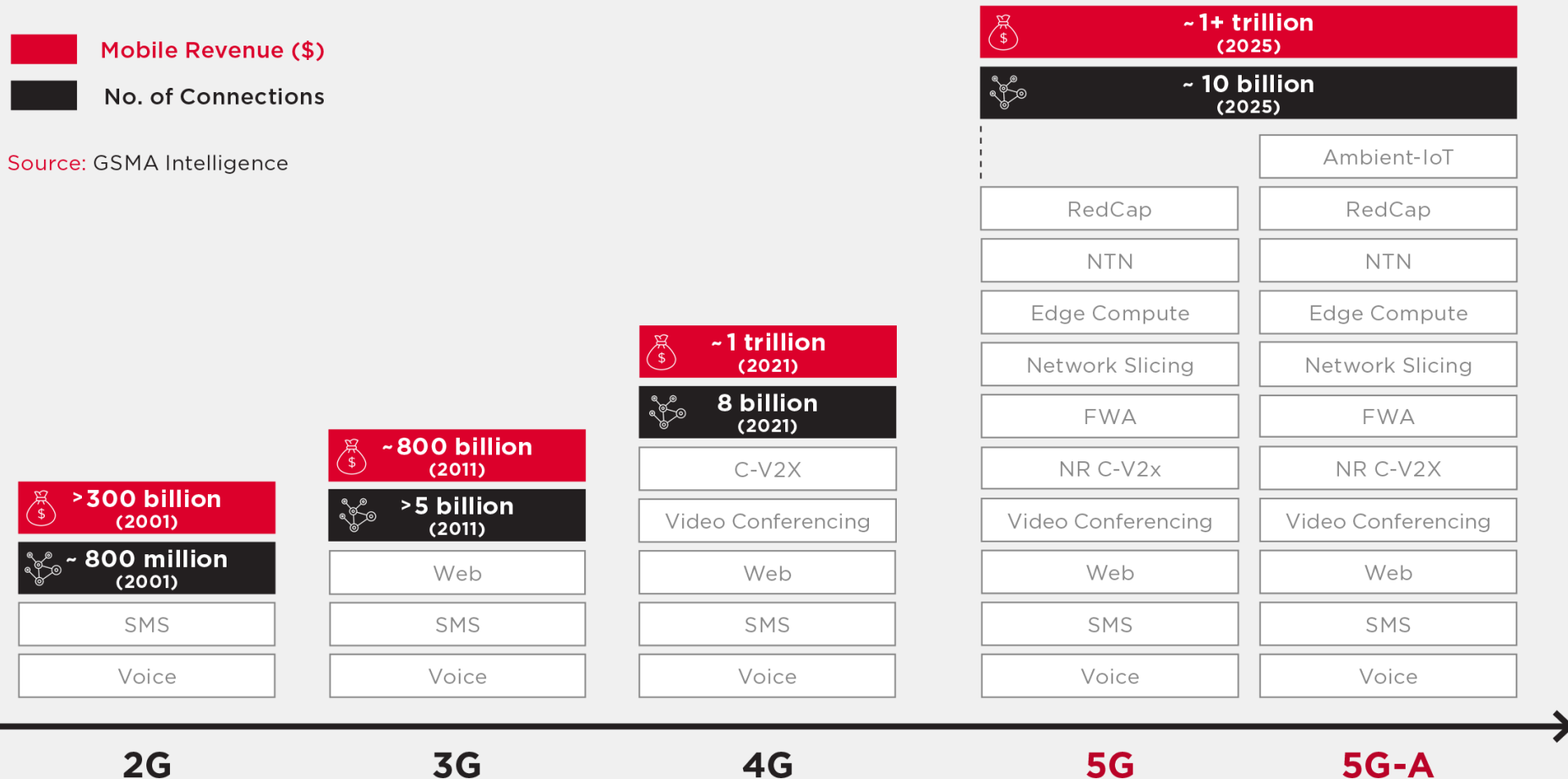
Session 2 Agenda

Activity	Time	Duration	Speaker
Presentation	12:22 – 12:32	10 mins	Blanca Fernandez Cavalheiro, PwC Middle East
Presentation	12:32 - 12:42	10 mins	Kazim Mujtaba, Jazz
Presentation	12:42 - 12:47	10 min	David Roberts, GSMA
Panel Discussion	12:47 - 13:07	20 mins	David Roberts, GSMA Mikko Lavanti, Nokia Mohammed Alzaidan, Ooredoo Qatar Sridhar Gollapudi, Google
Closing Remarks	13:07 - 13:15	8 mins	Barbara Pareglio, GSMA

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5G-Advanced is Redefining Cellular Technologies



Supporting 5G-Advanced Features with Standalone Networks

5G-Advanced represents the next evolutionary step for 5G, with new features commercialised through 3GPP standards, beginning with Release 18 through 21.

5G-Advanced Features	5G SA	5G NSA
 Massive IoT	 Supported	 Not Supported
 URLLC	 Supported	 Not Supported
 Non-Public Networks (Private 5G)	 Supported	 Limited Support
 Power efficiency	 Supported	 Limited Support
 Network slicing	 Supported	 Not Supported
 AR/VR	 Supported	 Not Supported
 Location and positioning	 Supported	 Limited Support
 Uplink boost	 Supported	 Not Supported
 Live broadcast	 Supported	 Not Supported
 AI / ML Integration	 Supported	 Limited Support
 RAN Control Loops	 Supported	 Limited Support
 Network Sensing	 Supported	 Limited Support

Revenue Opportunities of 5G-Advanced Technologies with Standalone Networks

5G Standalone unlocks future telco innovations, accelerating 5G-Advanced adoption and enabling MNOs to capture **70% of industry revenue growth** by 2030—\$127 billion from enterprise markets.



Ambient IoT



Unmanned
aerial vehicles



Mission
critical



Events
(Olympics)



RedCap



Industrial IoT



Wearables



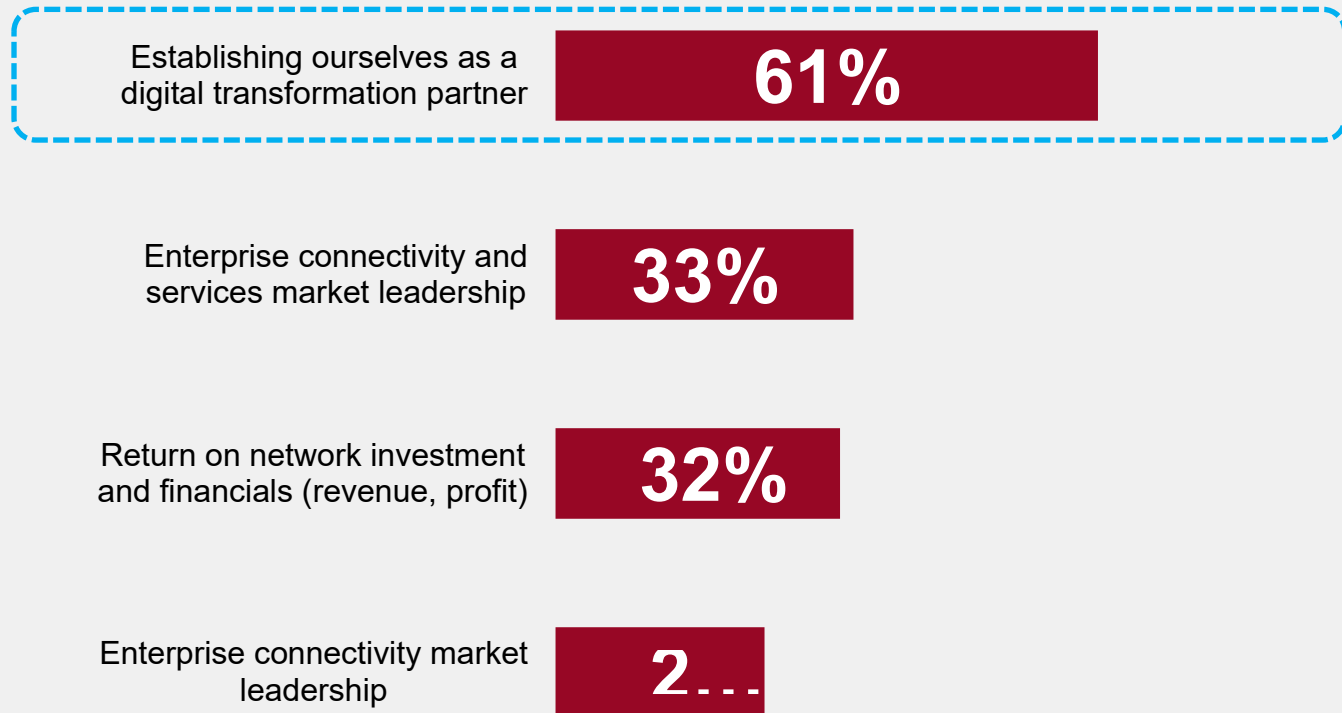
Industrial Grade Network Infrastructure for Industry 4.0

Enterprise strategies and goals

What are the two primary goals driving your company's enterprise strategy?

A shift in operators' mindset as they seek to become digital transformation partners for enterprises.

The **primary goal** driving telco operator companies' enterprise strategies is **'Establishing ourselves as a digital transformation Partner'**.



And what about devices?

Device performance directly impacts the 5G SA network and 5G-Advanced experience, particularly in areas with limited additional spectrum.

The proportion of 5G SA devices among all announced 5G devices is increasing, reaching



by June 2024.

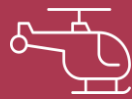
Source: Ericsson Mobility Report, November 2024



Robotic arms



XR



Unmanned
aerial vehicles



Intelligent
transportation



Intelligent
surveillance



Healthcare



Robotics



Wearables



Asset
tracking



Smart
metering

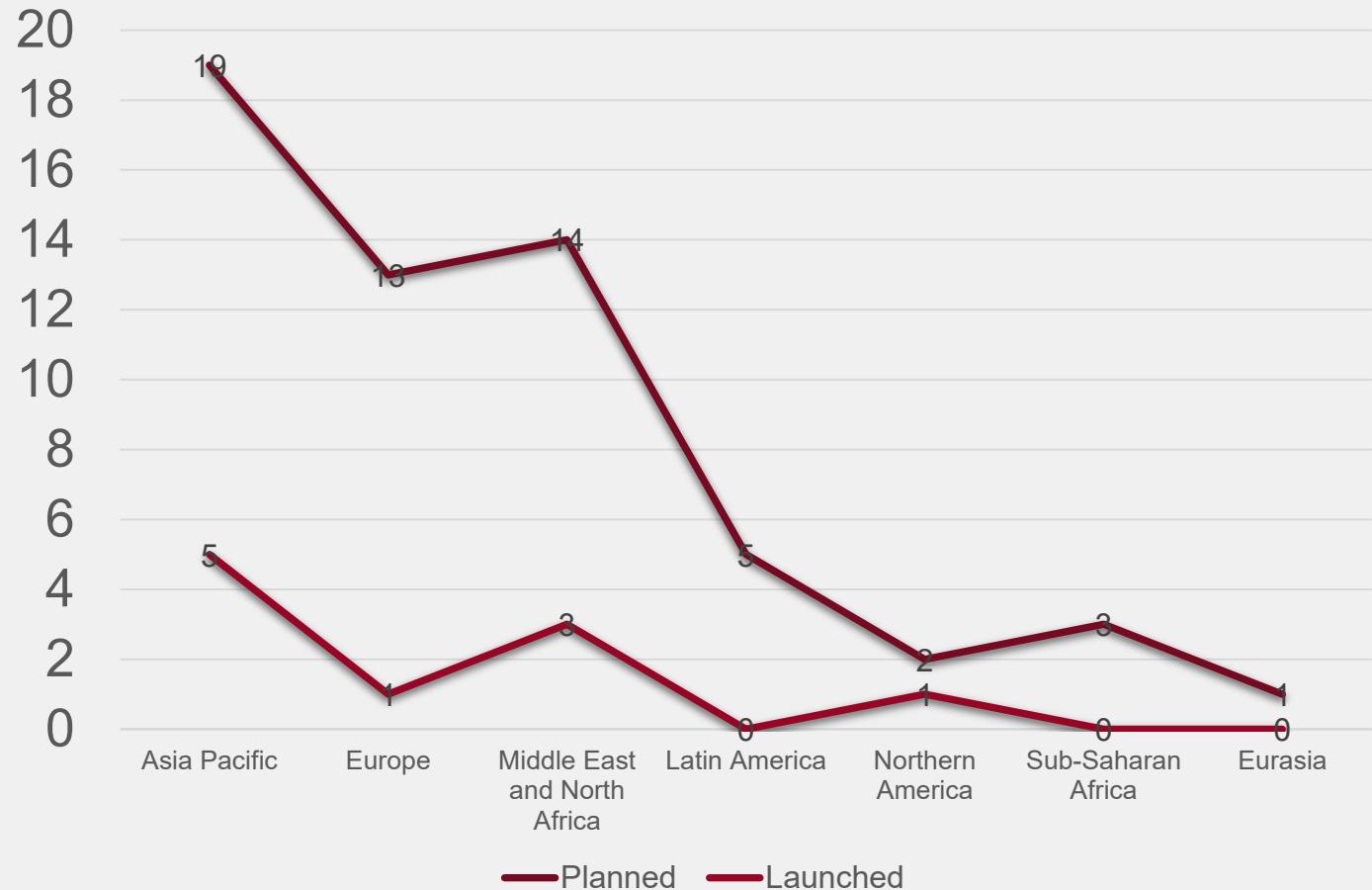
Who is Leading the Charge in the 5G-Advanced Era?

Total initiatives: 67

- Planned: 57
- Launched: 10

Asia Pacific and **MENA** show the highest interest in commercialisation, which account for **80%** of all launched initiatives globally to date.

Although deployments remain limited and most activity is still at the planning stage, **the foundations are now in place** and there is a strong case for speeding up implementation worldwide.



Destination Growth

Completing the 5G Journey with Standalone Networks



Download the report 

