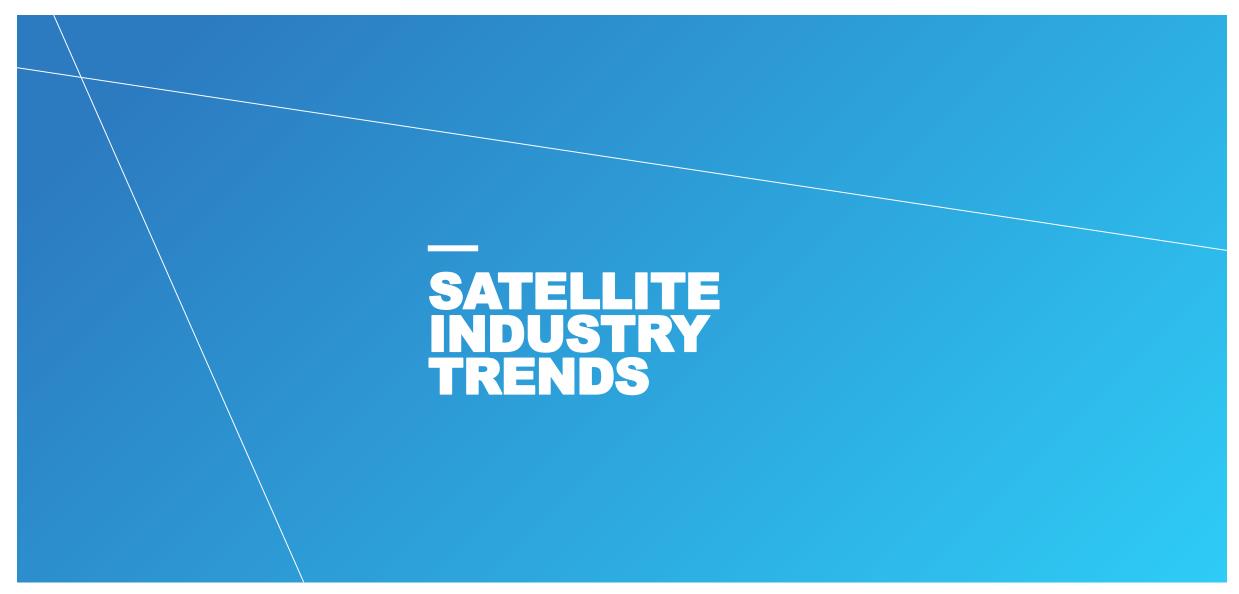
REDEFINING SATELLITE COMMUNICATIONS AND CONNECTIVITY

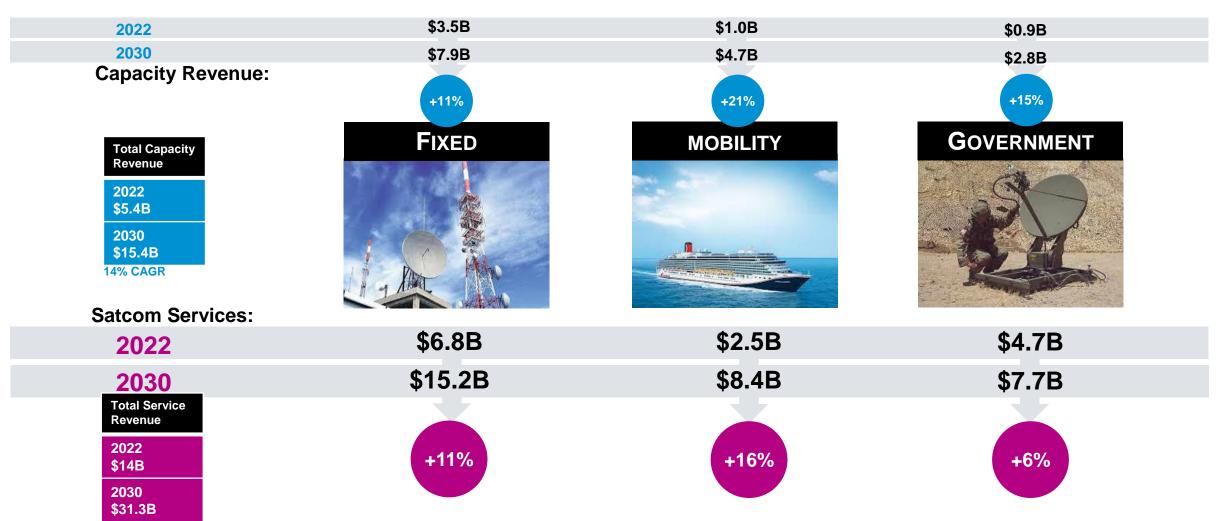
Presented by Khayalya Aliyeva







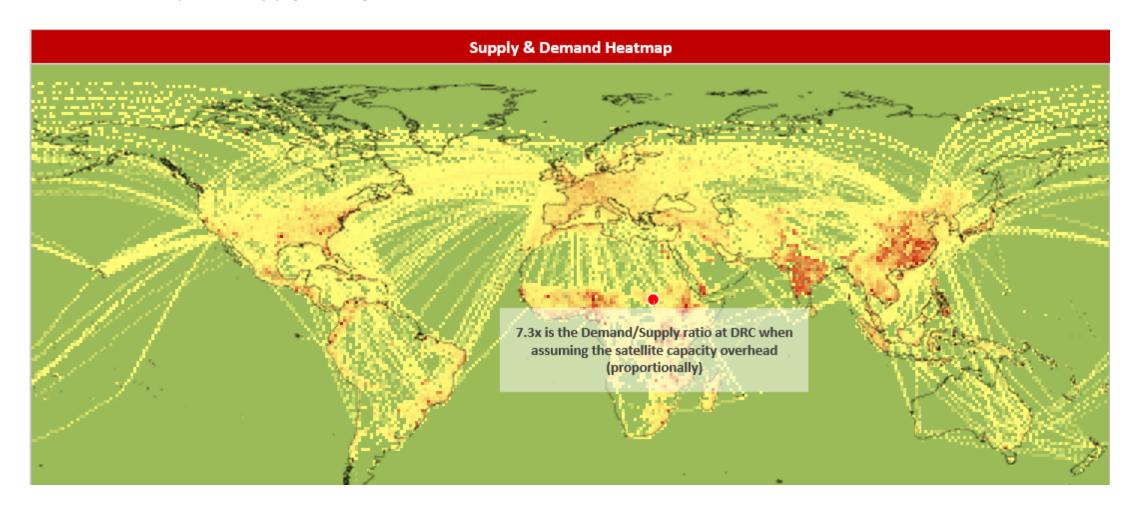
Market Size And Growth Projections



Satcom Market Outlook: Service and Capacity revenues. Excl. Consumer BB and MSS Source: NSR

Capacity Supply Heat Map

Demand will still outpace supply in key areas

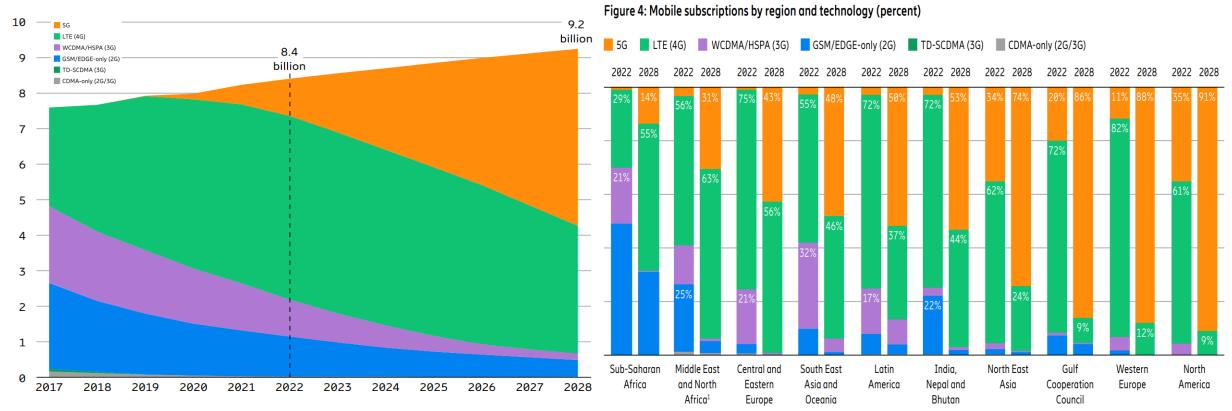


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Terrestrial Technologies Evolution

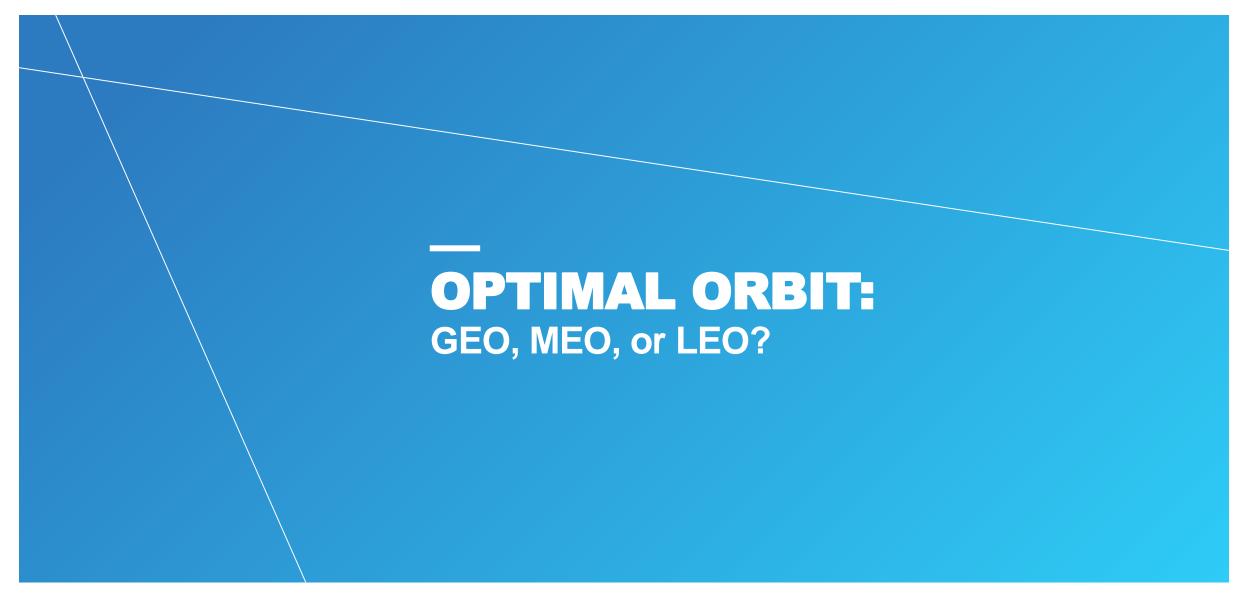
5G Subscription Uptake Expected to be Faster than 4G

Figure 1: Mobile subscriptions by technology (billion)



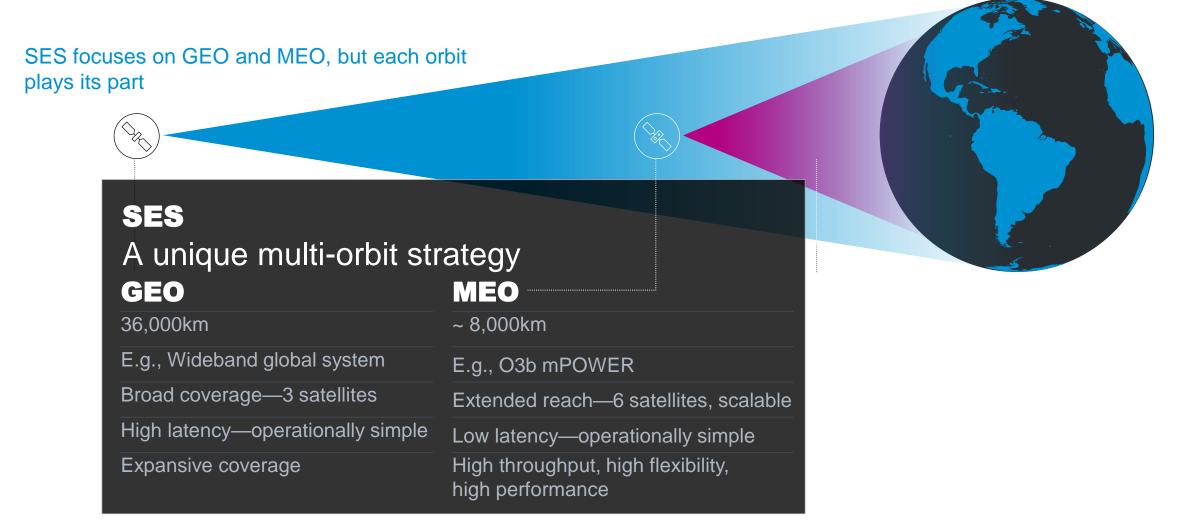
Source: Ericsson Mobility Report 2022





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Comparing orbits



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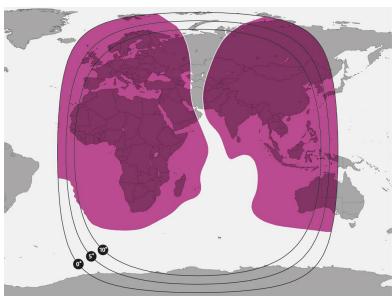
NSS-12 | 57°E

NSS-12 supports DTH (Direct-to-Home) services and delivers mobile backhaul services over the Middle East and Europe, Central and South Asia and East Africa

EXPANDING POWER AND COVERAGE OVER EUROPE, AFRICA AND ASIA

Coverage

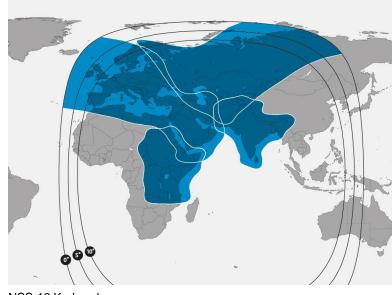
Europe | Russia & the CIS | Middle East & North Africa Sub-Saharan Africa | South Asia | Asia-Pacific | Indian Ocean Region



NSS-12 C-band coverage

Launch date	Launch vehicle
29 October 2009	Ariane 5 ECA
Docian life	Satellite manufacturer
Design life	
15 years	Space Systems Loral
Polarisation	Total transponders
C-band: Circular	C-band: 40
Ku-band: Linear	Ku-band: 48





NSS-12 Ku-band coverage

SES-12 | 95°**E**

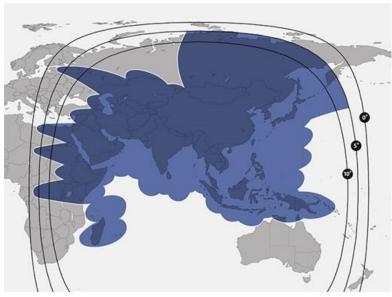
Supporting our customers' DTH broadcast, VSAT, mobility via Ku wide beams

Providing HTS data connectivity via Ku spot beams

HTS CAPACITY **ACROSS ASIA-PACIFIC REGION**

Coverage

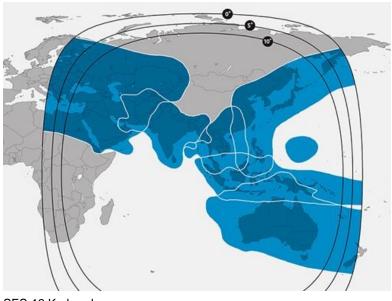
Europe | Russia & the CIS | Middle East Africa | Asia-Pacific | Ocean Regions



SES-12 Ku-band HTS outer contours

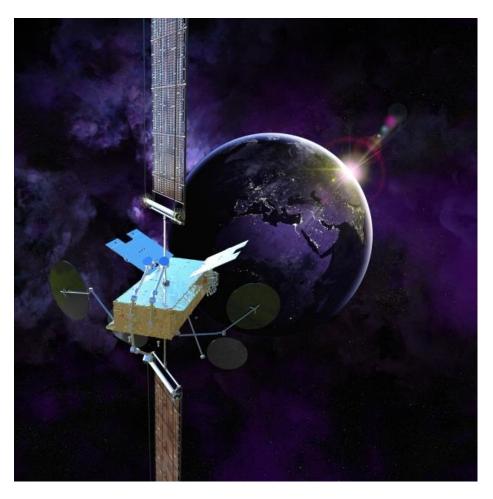
Launch date 4 June 2018	Launch vehicle Ariane 5
Design life 15 years	Satellite manufacturer Airbus Defence & Space
Polarisation Ku-band: Linear	Total transponders Ku-band: 54





SES-12 Ku-band coverage

Coming Soon to 57°East: SES-26



- ▲ Successor to NSS-12
- ▲ Fully software-defined payload for incredible scalability
- Coverage across Europe, Africa, Middle East, Central Asia, and Asia-Pacific
- ▲ First Inspire (INstant SPace In-orbit REconfiguration) satellite by Thales Alenia Space maximizes flexibility

"For over 20 years, satellites at 57°East have been at the centrepiece of our connectivity network bridging Europe to Africa, the Middle East and Asia. From broadcasting video content across Europe and Africa to delivering connectivity services for aviation, maritime and government, SES-26 underlines our commitment to the growth of our business and to our customers."

Steve Collar, CEO of SES



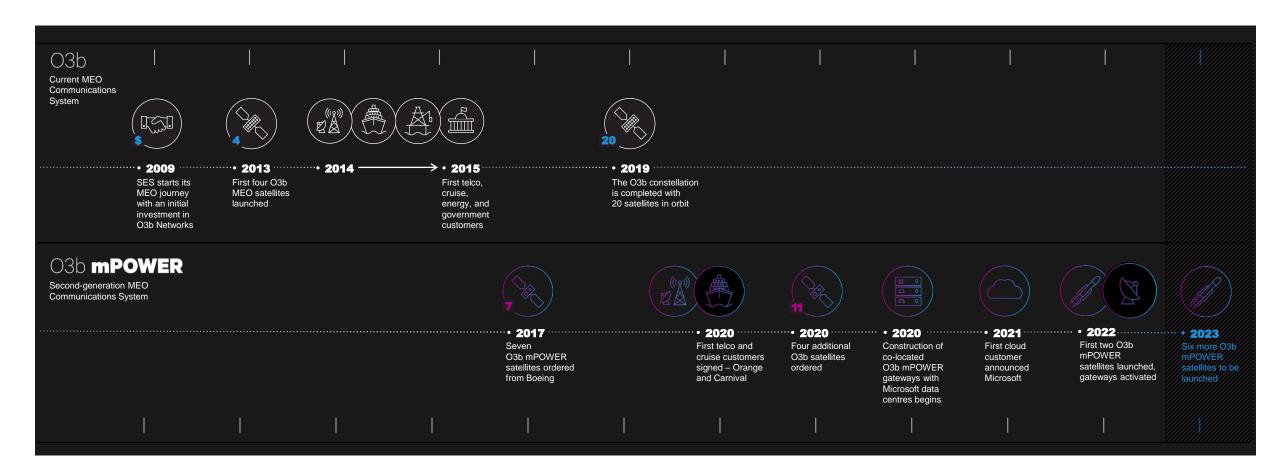






Our Medium Earth Orbit (MEO) Journey

Reimagine connecting everyone worldwide with unprecedented high-performance networks



Learn more about O3b mPOWER: ses.com/newsroom/o3b-mpower



PERFORMANCE ABOVE ALL



Predictable low latency decimating jitter & packet loss

All guaranteed by unmatched SLA

High availability in space and on the ground

Unprecedented flexibility as an enabler of high performance

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O3b mPOWER for Telcos & Enterprises

Empowering Enterprise, Energy, and Mining

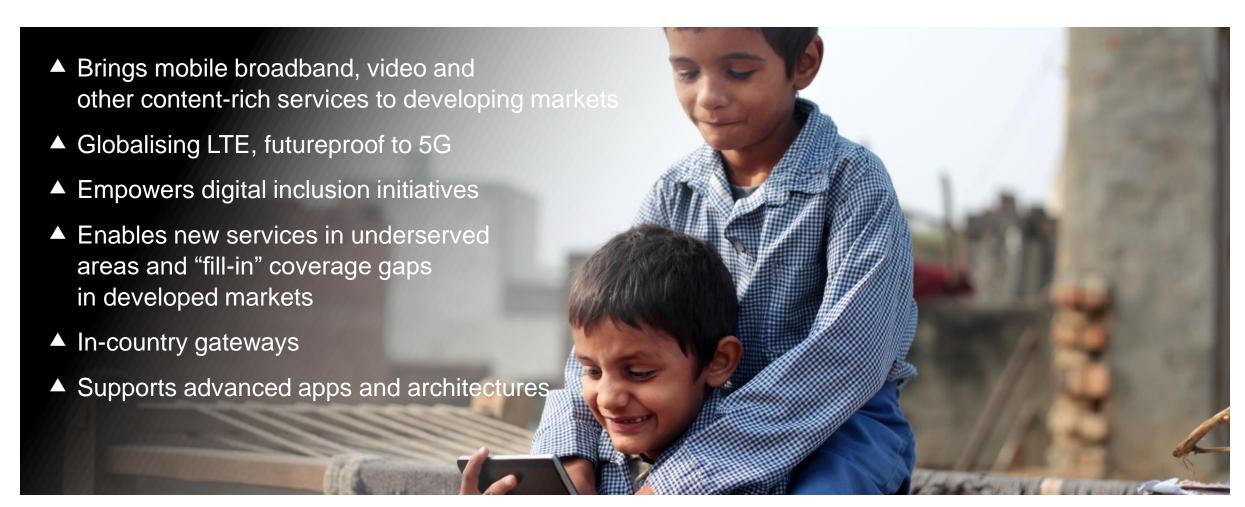


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O3b mPOWER for MNOs

Empowering LTE & 5G networks



O3b mPOWER for Military / Governments

Empowering network security and safety





O3b mPOWER Customers

Industry leaders ready to leverage power of MEO services

5 OF THE WORLD'S TOP 6 CRUISE LINES, INCLUDING:









MNO, CLOUD, AND SERVICE PARTNERS, **INCLUDING:**











LANDMARK JOINT VENTURE PARTNERSHIP IN INDIA:



O3b **mPOWER**

Earthquake relief in Turkiye





April 2023 20



