

# OTT Investments in Digital Infrastructure

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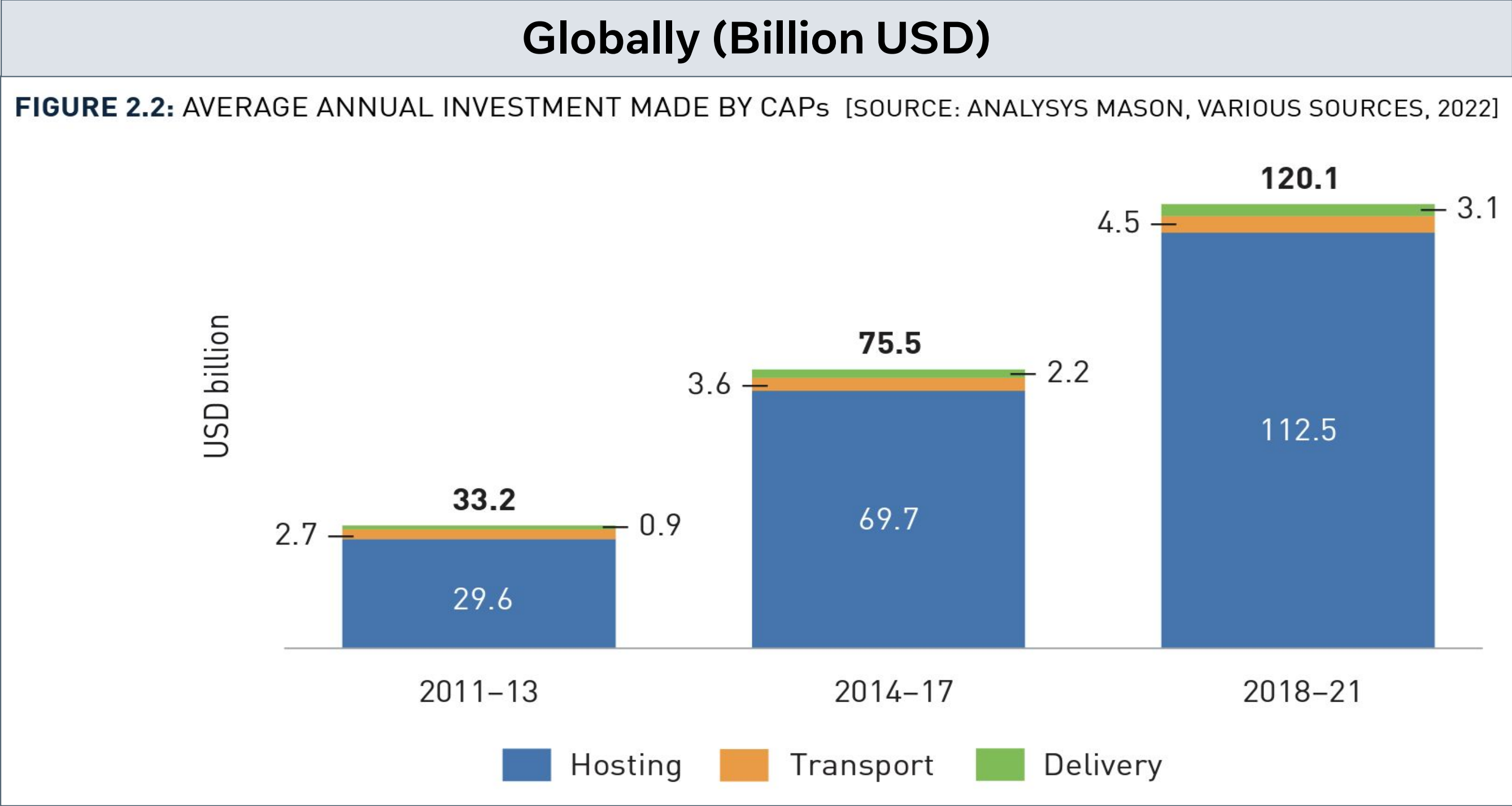


# Investments by OTTs in recent years have improved the quality of services for consumers and reduced costs for telcos.

According to recent research by [Analysys Mason](#):

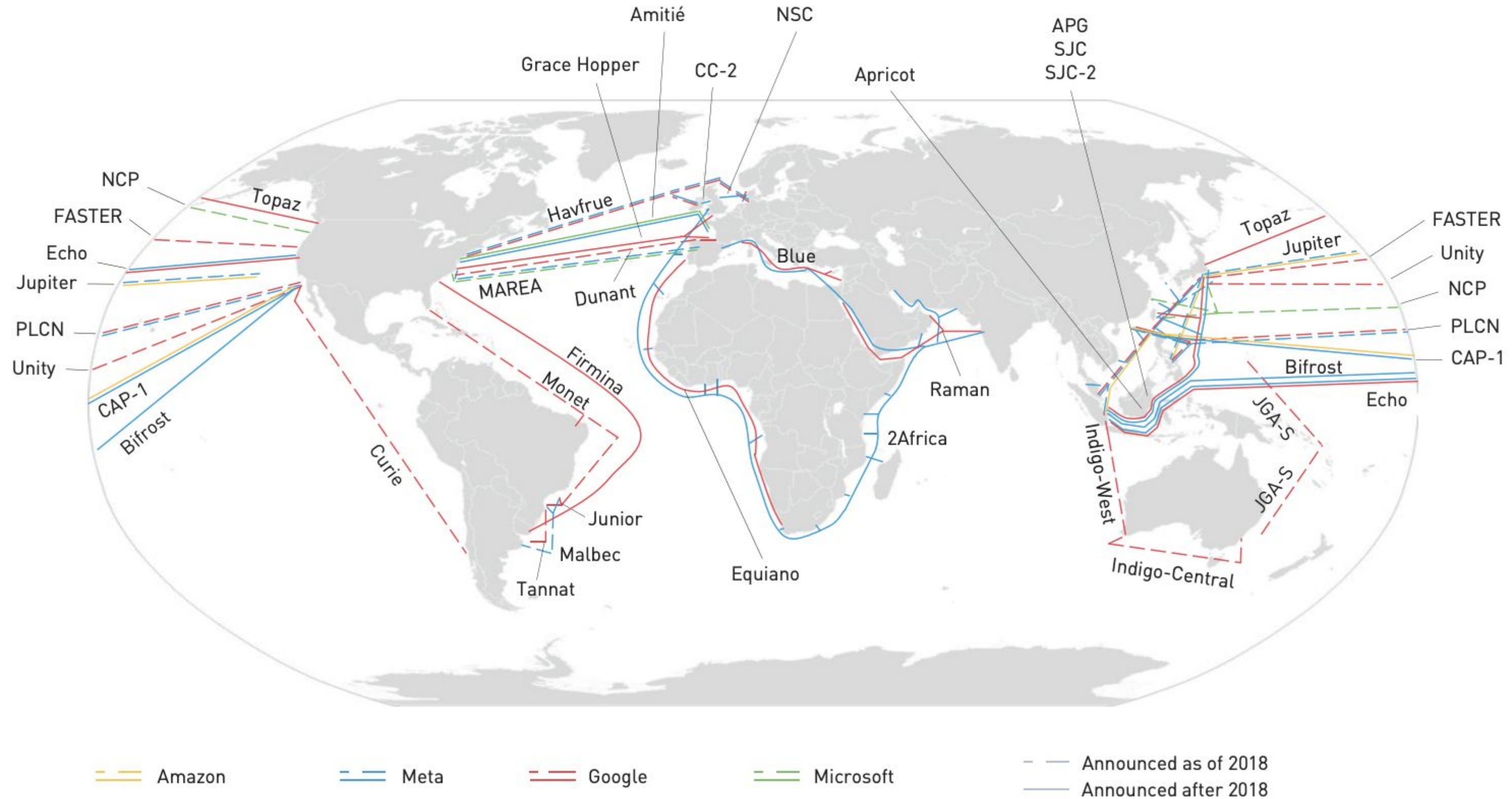
- Content and applications providers (CAPs) invested more than **USD 120 billion** each year in internet infrastructure from 2018 to 2021.
- CAPs invested **USD 883 billion** in internet infrastructure from 2011 to 2021.
- **CAP investments** to bring traffic closer to end users improve the quality of experience for broadband users and **save ISPs USD 5-6.4 billion** each year.
- Traffic generated from customers accessing OTT services is not leading to large increases in telco operator costs.

# Analysys Mason: Investment by CAPs [OTTs] Increasing



# Transport: Submarine and Terrestrial Cables

FIGURE 2.8: ANNOUNCED SUBMARINE CABLES IN WHICH CAPs HAVE INVESTED, AS OF 2022 [SOURCE: ANALYSYS MASON BASED ON INFORMATION FROM PRESS ARTICLES, TELEGEOGRAPHY,<sup>49</sup> 2022]



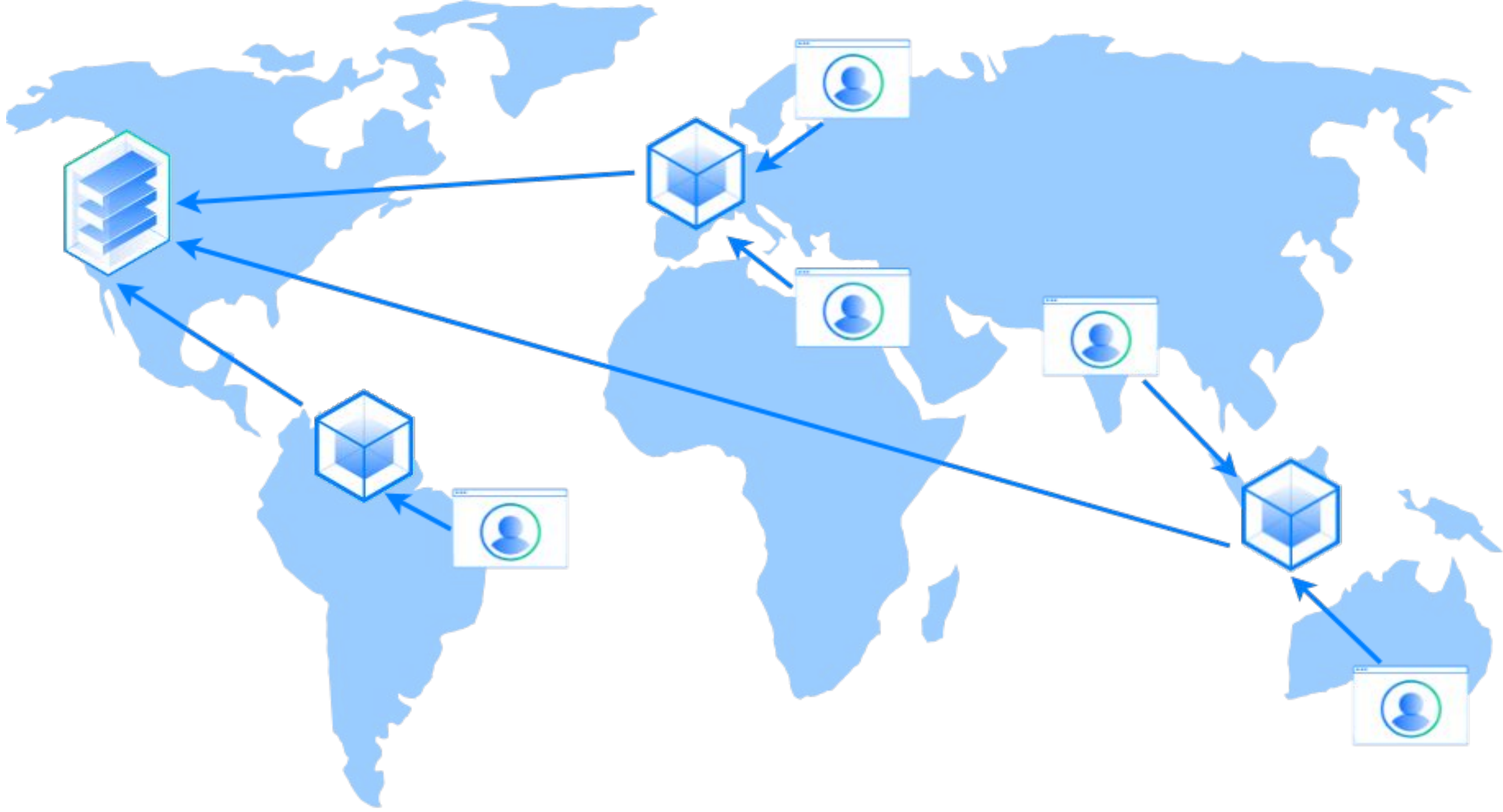


# Hosting: Data Centers





# Delivery: Peering and Caching





# 2Africa

**2Africa is the most comprehensive subsea fiber optic cable project to serve the African continent.**



45,000 Kilometers



180 Tbps Capacity



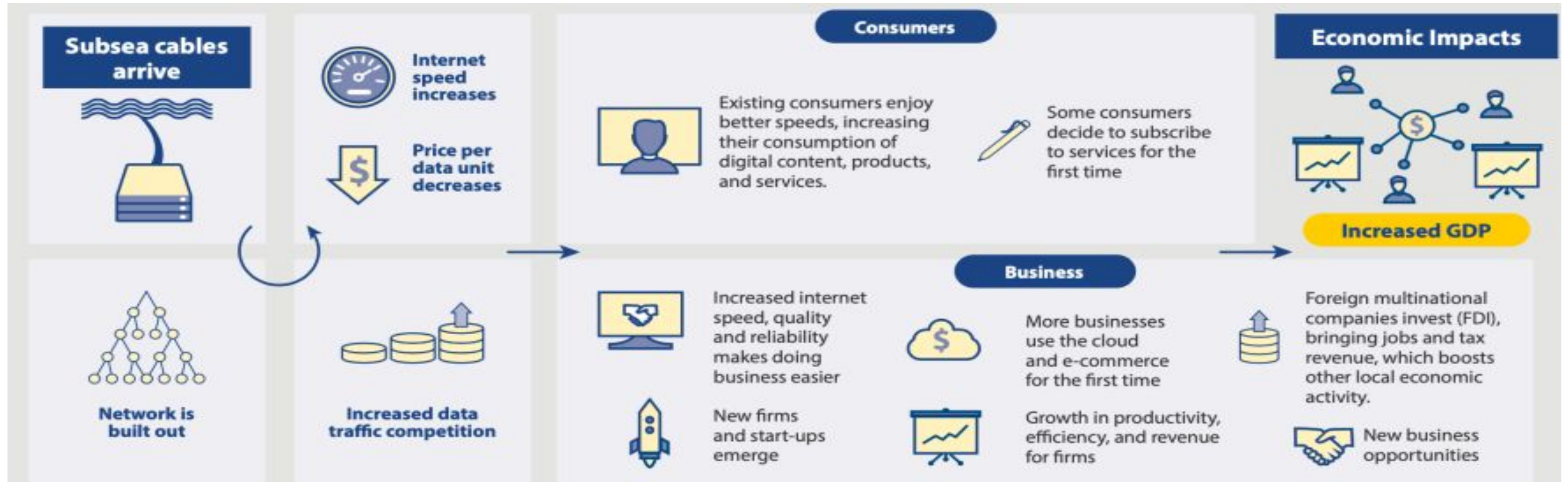
33 Countries



42 Open Access Landing Stations



# Contributing to Digital Transformation

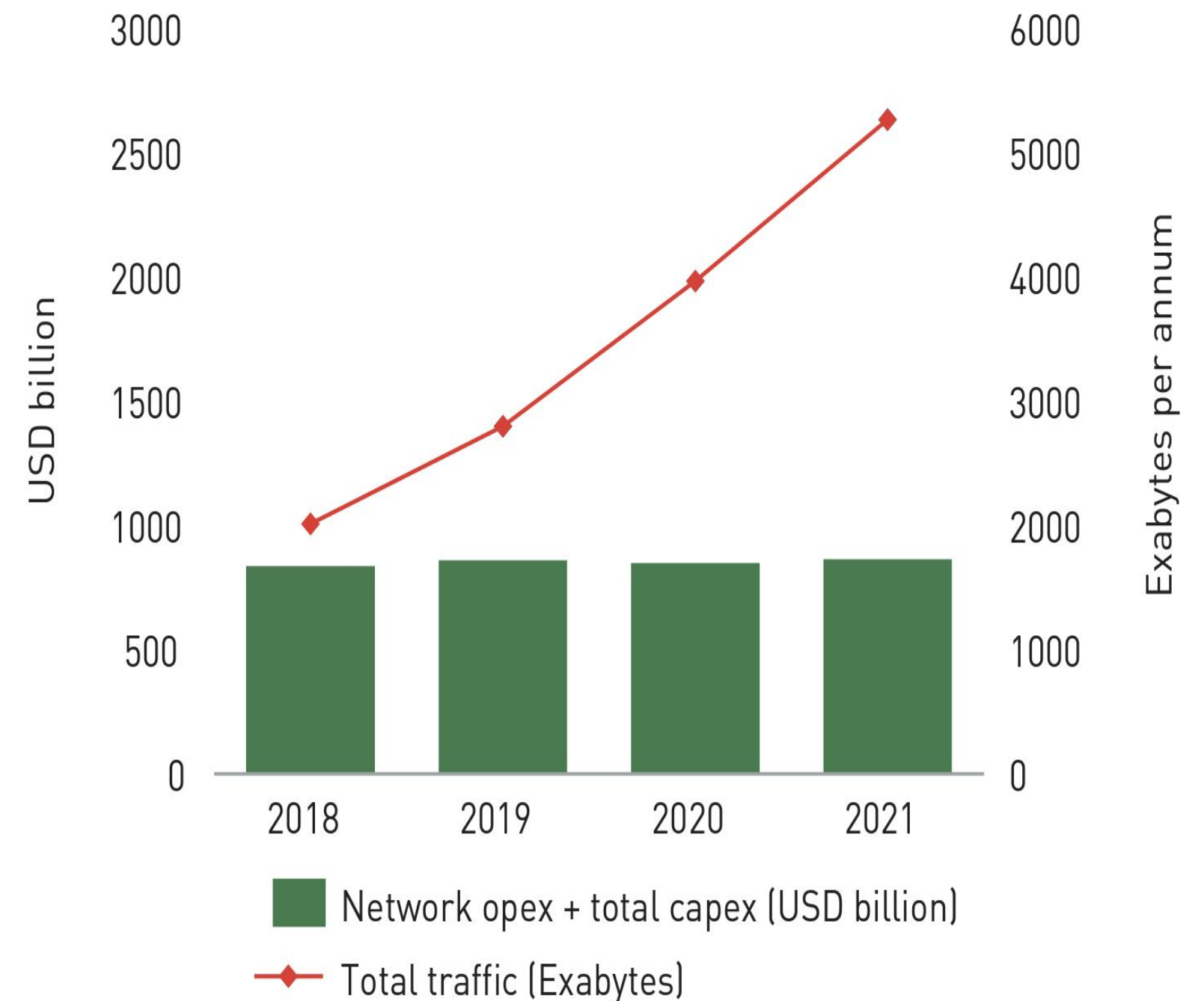


# The Internet has proven its ability to adapt to changing traffic patterns.

- No market failure has been identified.
- Growth in traffic is not creating unsustainable cost increases for telcos.
- Research from Analysys Mason shows that from 2018 to 2021 network-related costs for ISPs increased by only 3%, even though global network traffic increased by over 160%.
- Mandating network usage fees threatens to undermine the well functioning Internet ecosystem.

**FIGURE 0.2:** GROWTH IN TRAFFIC DELIVERED OVER FIXED AND MOBILE ACCESS NETWORKS, AND EVOLUTION OF NETWORK-RELATED TELECOM OPERATOR COSTS FROM 2018 TO 2021

[SOURCE: ANALYSYS MASON RESEARCH, ANALYSYS MASON, 2022]







Thank you