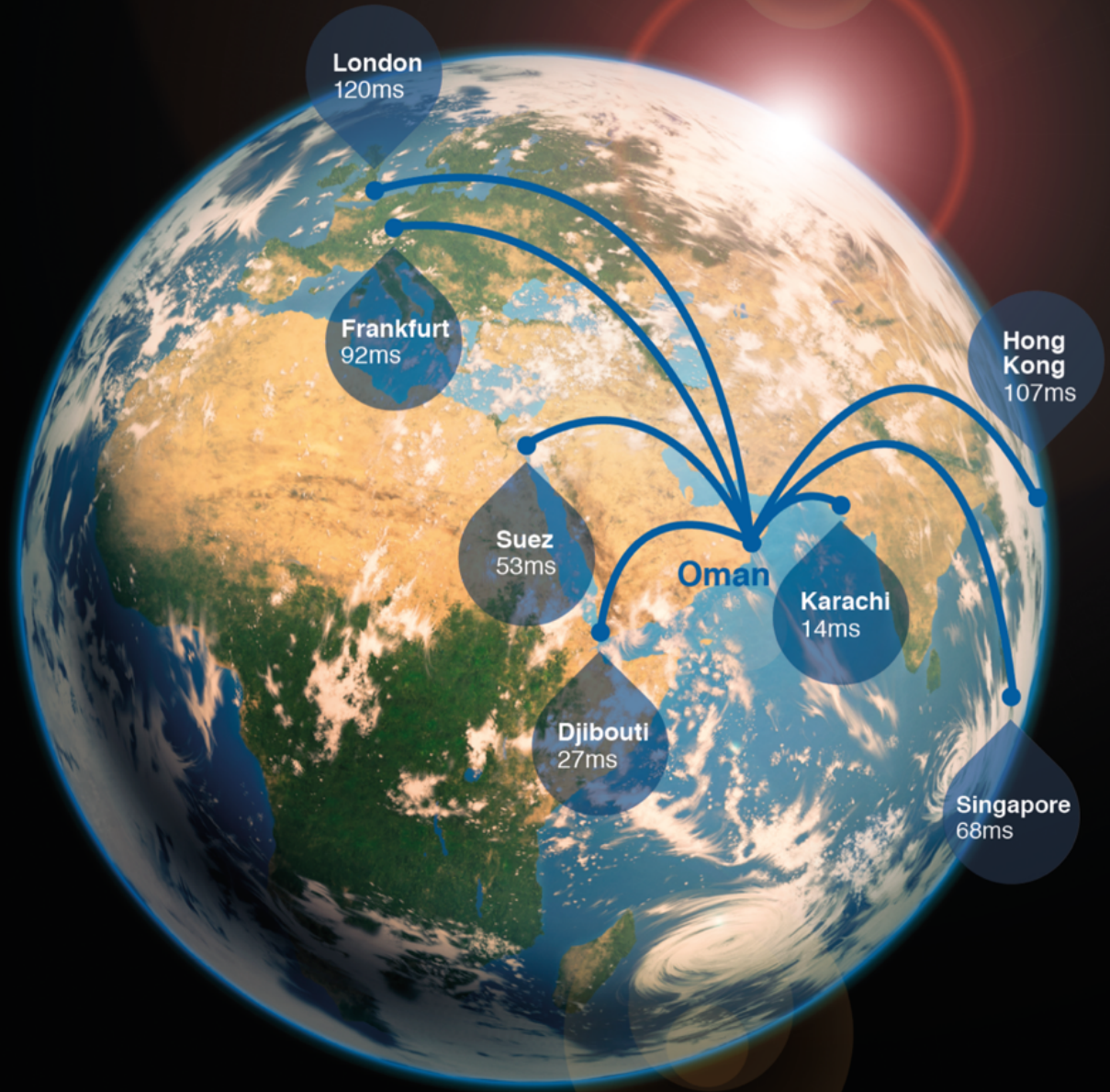


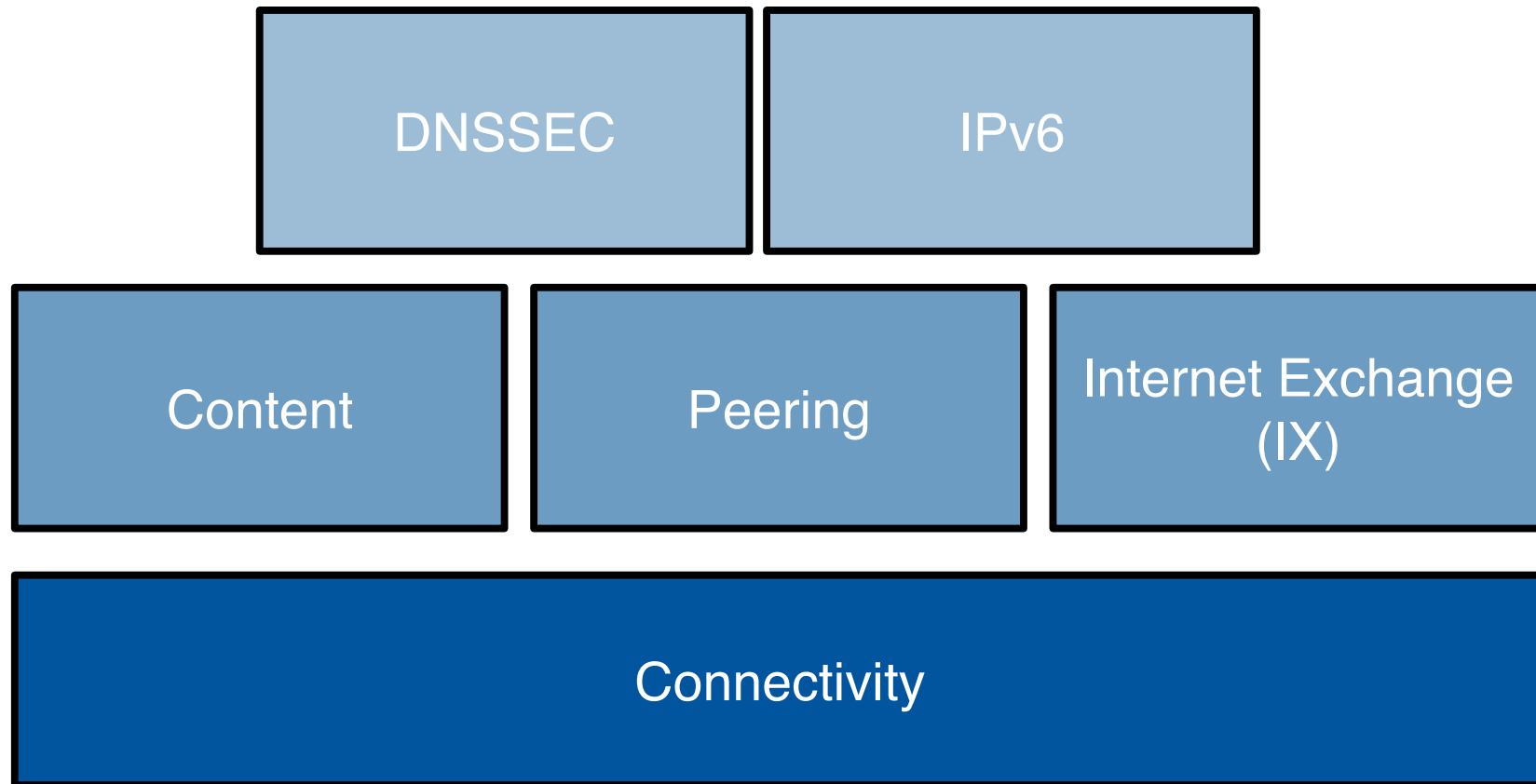
FROM ASIA TO EUROPE AND BEYOND



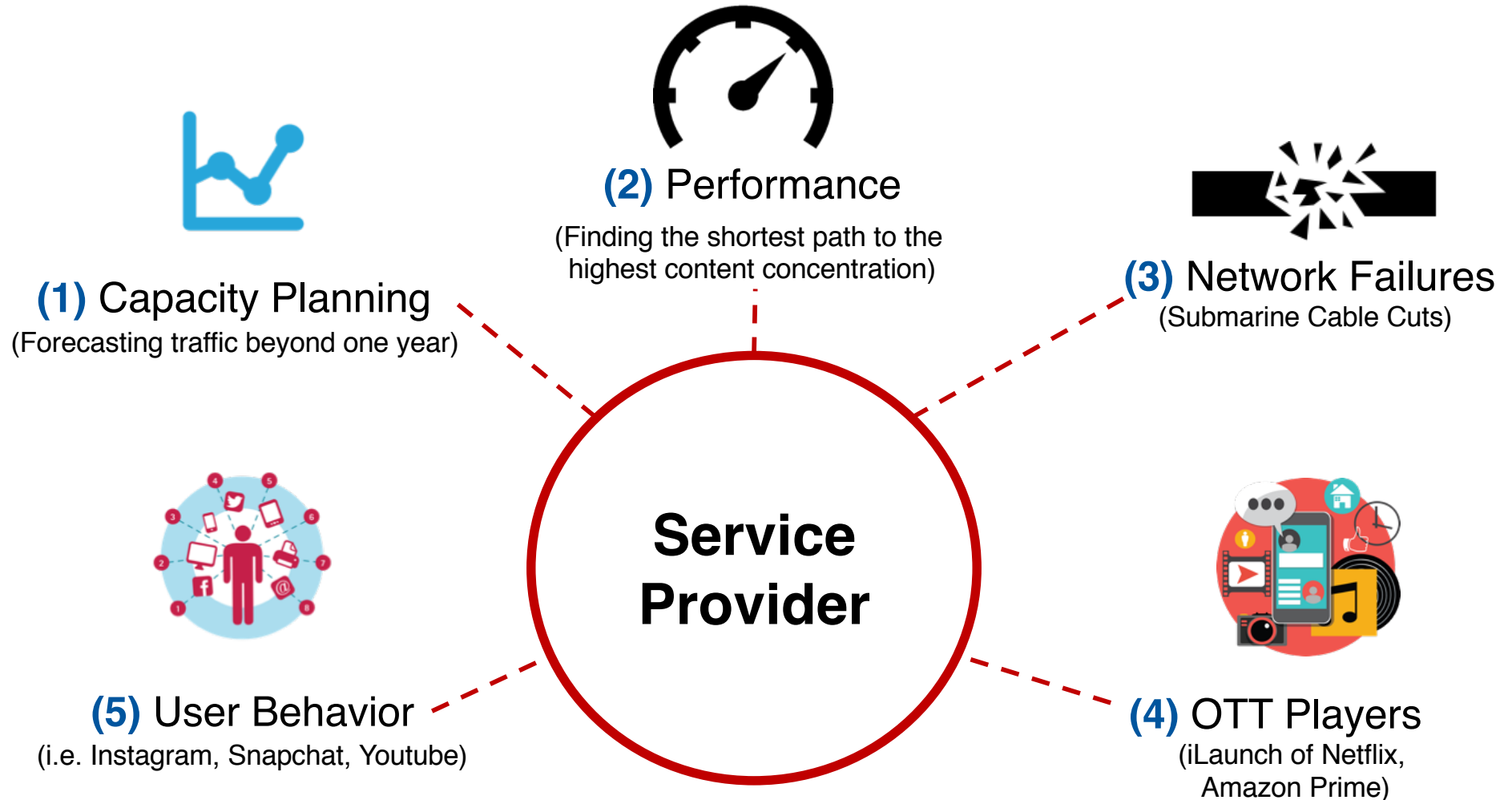
BUILDING A GLOBAL NETWORK

عمانتل
Omantel

Topics of Discussions...



Service Provider Challenges



Traffic Growth - Omantel

Yearly Traffic Growth

2012	2013	2014	2015	2016
87%	164%	84%	75.5%	80.4%

Contributors to Growth

2018 - 2020



25%

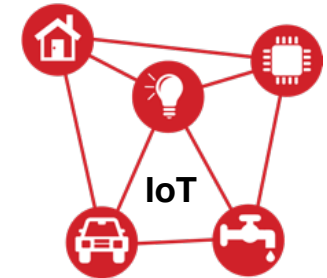
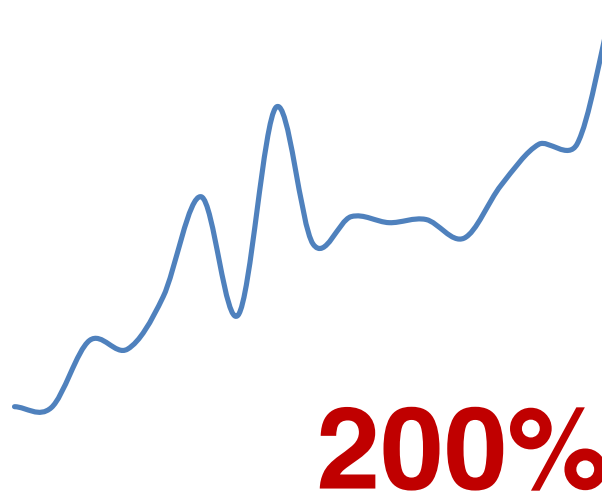
Social Media
(From Total Usage)



43%

Streaming
(From Total Usage)

Netflix/Shahid Growth
(Last 12 Months)

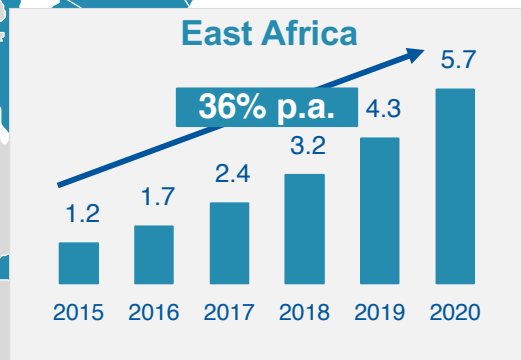
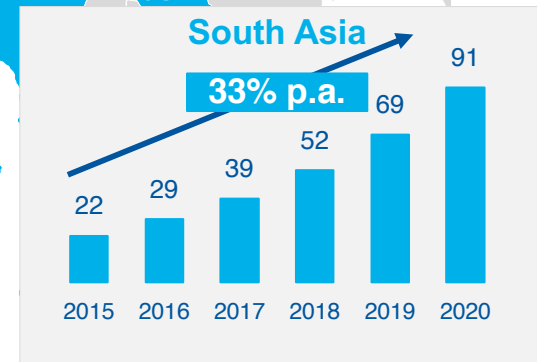
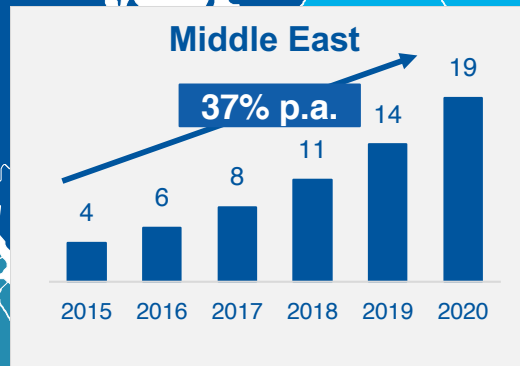


Cloud



Virtual Reality

INT'L BANDWIDTH GROWTH FORECAST FOR THE REGION



Tbps per annum
Source: Telegeography, Arthur D. Little analysis

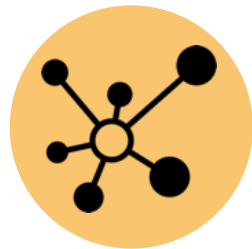
THE OPPORTUNITY

The Opportunity

- Eight years ago we took aim on becoming a regional hub for international carriers and content providers by connecting the East with the West.
- The strategy focused on improving the following in our region:



Capacity



Diversity



Latency

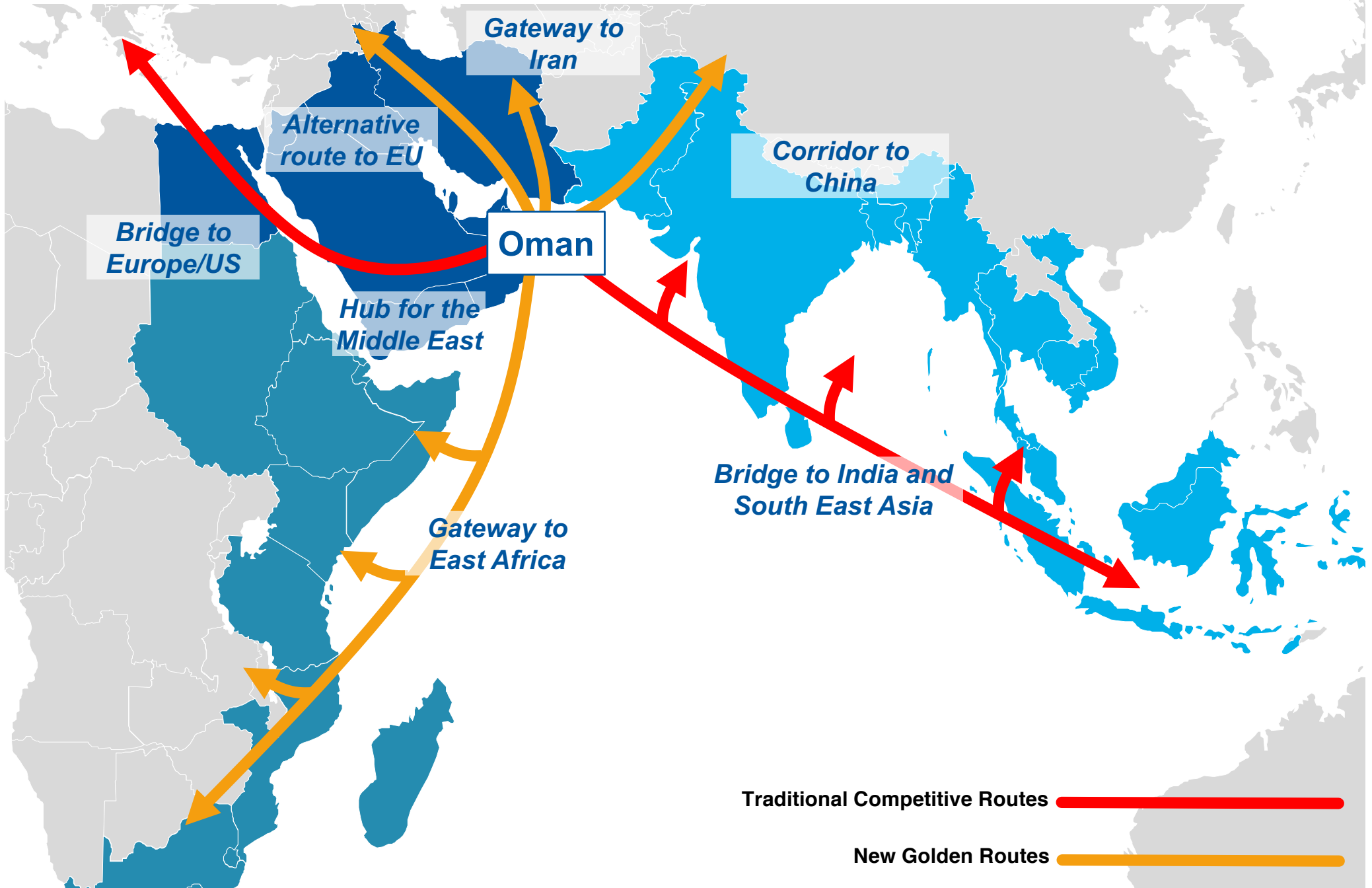


Content



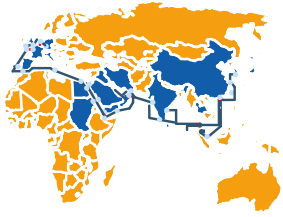
- We used our strategic geographic position as a foundation for our strategy.

OUR GEOGRAPHICAL POSITION IS MUCH MORE THAN THE ENTRANCE TO THE GULF...



OMANTEL INT'L SUBMARINE CABLES

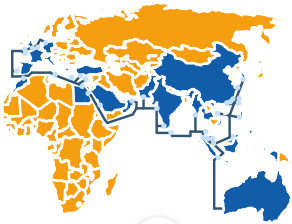
FALCON



TWA 1



SMW3



2010

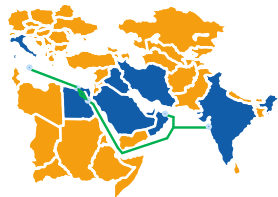
EPEG



POI



GBI



2012

access/ownership

IMEWE	APG
SMW4	ASE
TGN	PC1
SMW5	JP-US

OMRAN



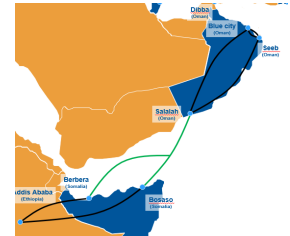
2013

BBG

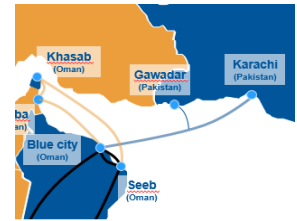


2016

G2A



SRG-1



AAE1



2017

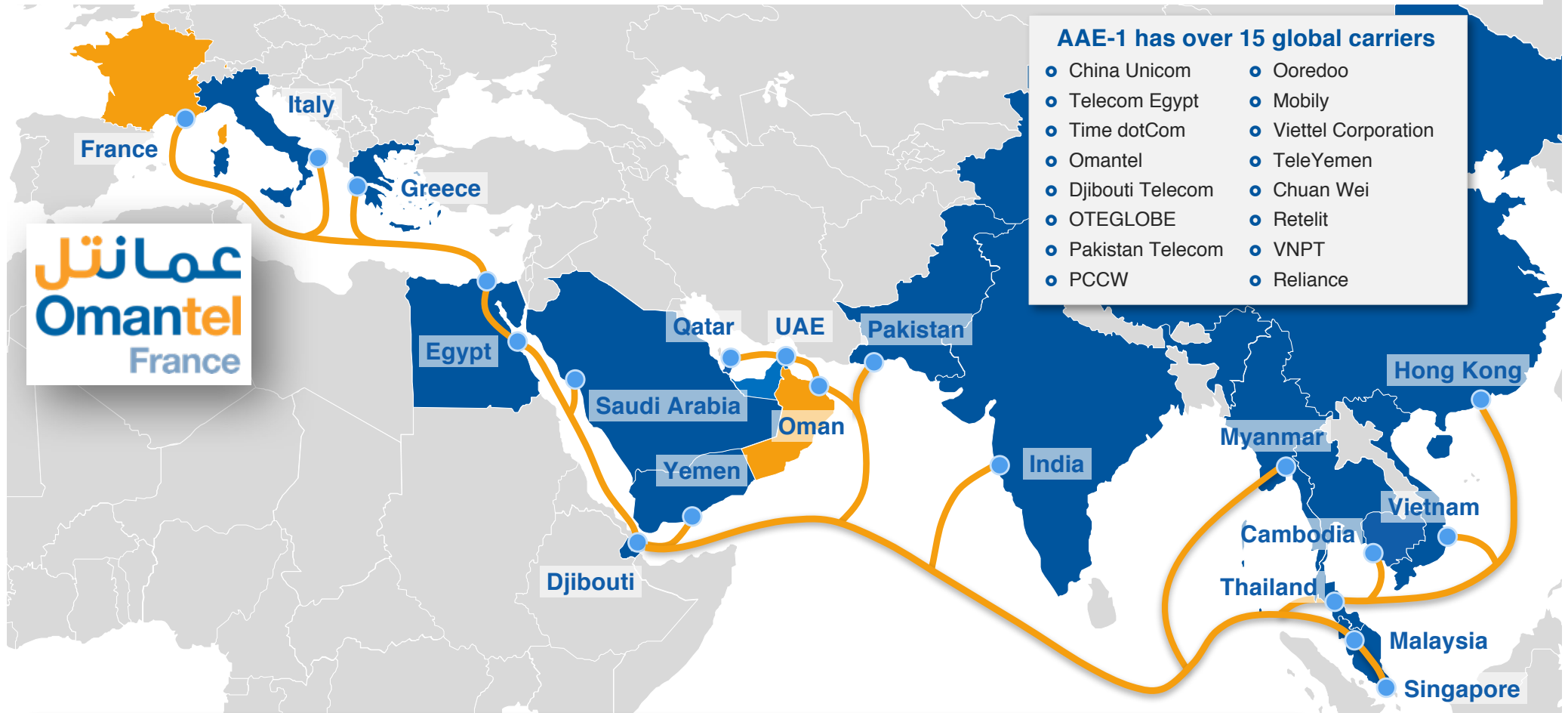
Investment ownership

Landing Partner

13 Submarine Cables by End of 2017

Game Changing Approach

AAE-1 WILL BE ONE OF THE WORLD'S LARGEST CABLES PASSING THROUGH 20 COUNTRIES WITH OMAN IN THE MIDDLE

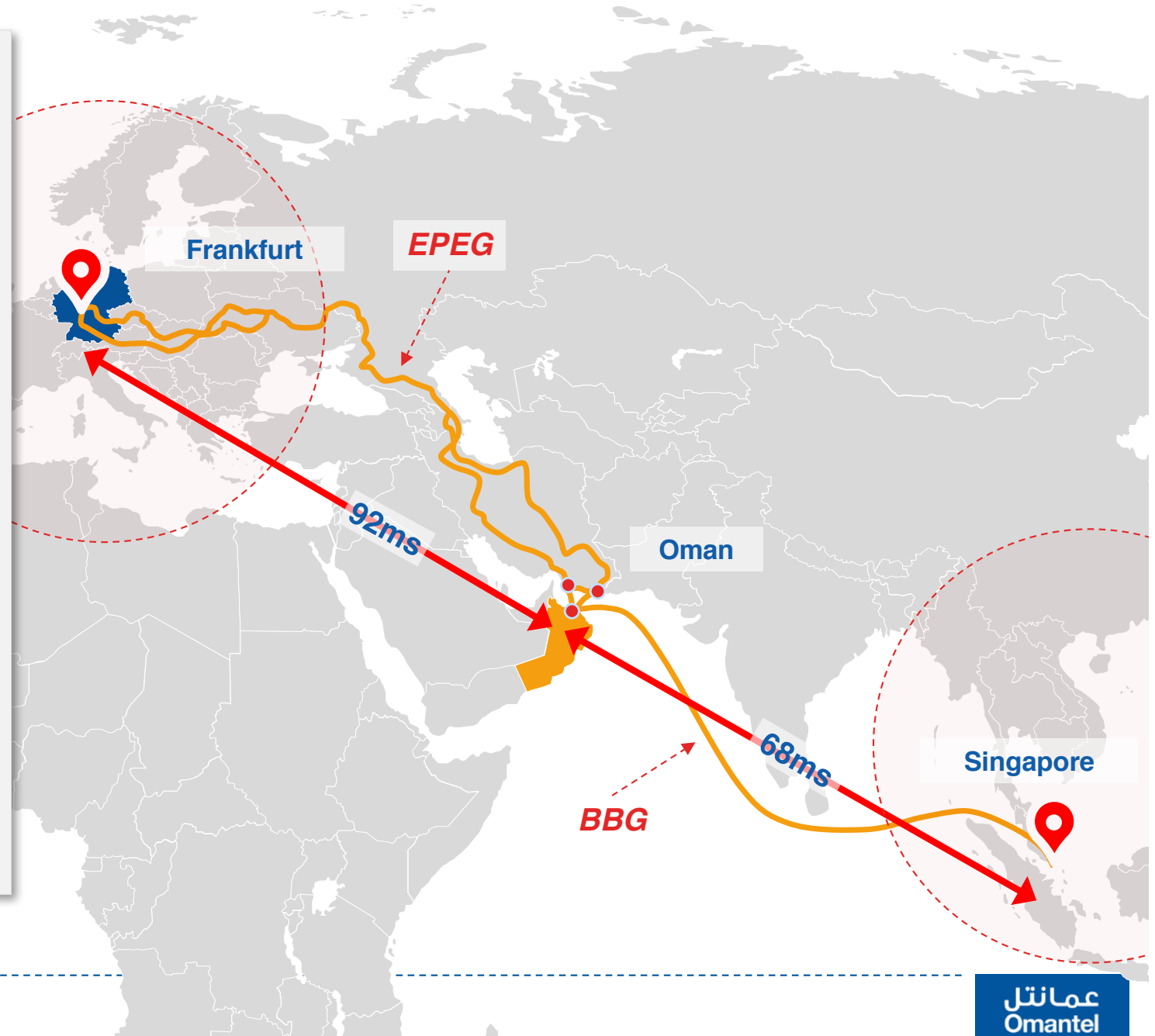


- AAE-1 (Africa-Asia-Europe) will be a brand new state-of-the-art cable spanning approximately 25,000kms
- It is currently under construction, due to be completed in November 2017
- It is one of the first unique cable systems to connect Hong Kong to Singapore (via Thailand), Africa and Europe via Oman reaching close to 50% of the world population
- It will provide an alternative and low latency short route between Hong Kong/Singapore and Europe
- Omantel is the landing party in Oman and as well as in France (first GCC operator to land a submarine cable in EU)

UNCHALLENGED LATENCY OF ONLY 160MS RTD BETWEEN FRANKFURT AND SINGAPORE

The combination of BBG – the highway between Oman and Singapore – together with the EPEG cable – terrestrial direct route to Frankfurt – will provide something truly unique

- EPEG is a brand new high capacity fiber optic cable system which links Europe with Middle East as a transit route alternative to the Red Sea, Suez Canal and the Mediterranean Sea regions and plays an important role for traffic re-routing in case of earthquakes and disasters.
- BBG will enhance the robustness and reliability of connectivity between Oman and Singapore with the main trunk directly between Singapore and Oman
- Omantel will be able to offer a redundant and unique latency of 160ms between Frankfurt and Singapore: **two of the world's main capacity hubs accessible directly from within Omantel's carrier neutral data centre.**



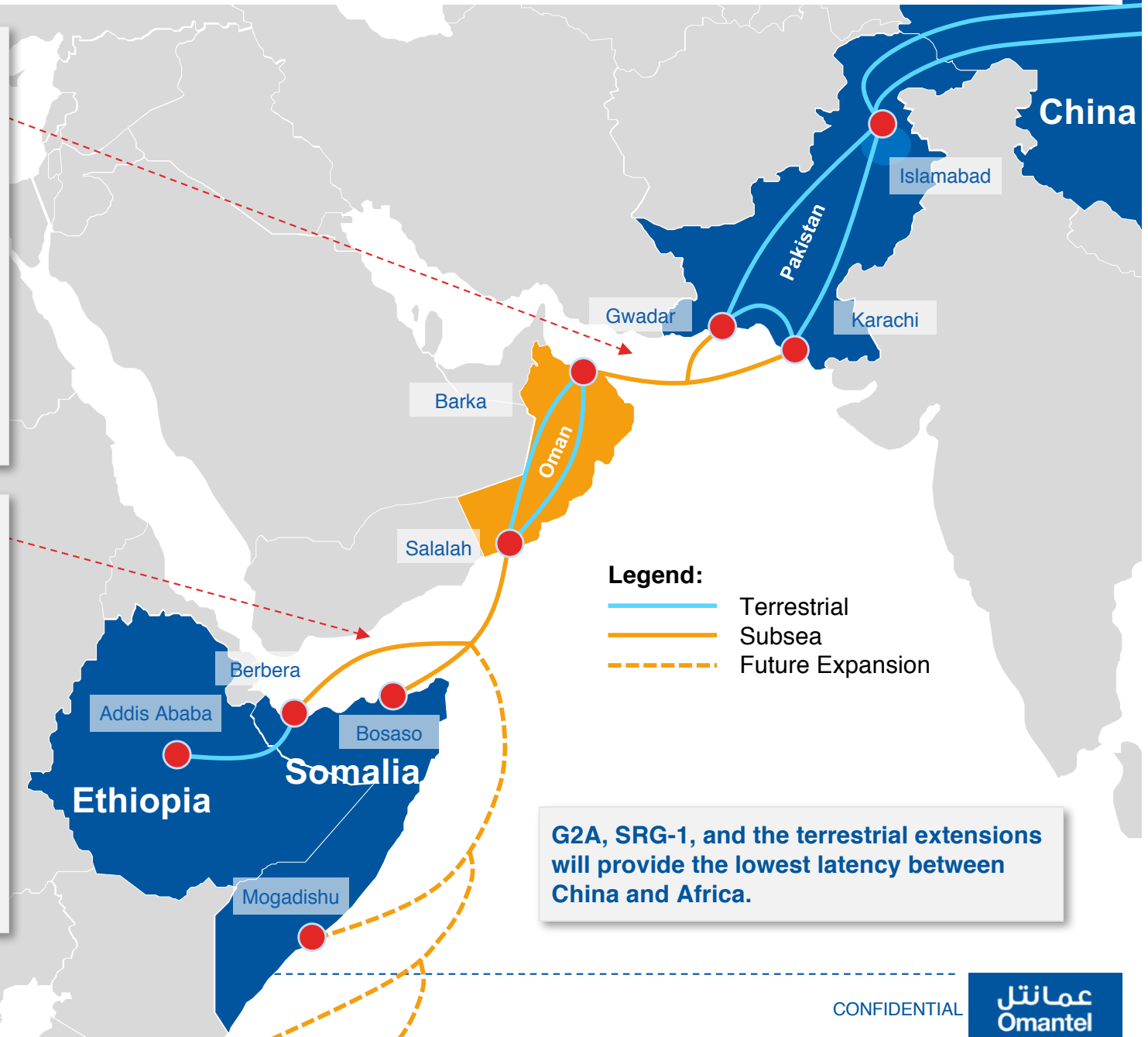
OMANTEL WILL BE THE FIRST OPERATOR CONNECTING AFRICA AND CHINA BY NOT CROSSING INDIAN OCEAN OR SINGAPORE STRAIT

Silk Route Gateway 1 (SRG-1)

- SRG-1 will provide additional capacity to an underserved Pakistan, complementing the existing cables, with landings in Gwadar and Karachi.
- Furthermore, Omantel will extend SRG-1 on terrestrial redundant routes to Islamabad and then to China connecting Omantel's carrier neutral data centers with 1.4bn voice users and 254mn broadband users as of 2015.

Gulf to Africa (G2A)

- G2A will be Omantel's first own cable to Africa providing connectivity for Somalia through landings in Puntland State and Somaliland.
- Phase 1, in the East Africa expansion of Omantel's own network, G2A will be extended on terrestrial cable to Ethiopia.
- In Phase 2, G2A will be extended to Mogadishu (Somalia), Kenya, and Tanzania.



Global Nodes

Objectives

- PoPs are deployed using our submarine assets.
- Sourcing Content.
- Direct Peering.
- Resilience.
- MPLS Inter-connection.
- Underlying Network for building services on top of it.

2014

- Amsterdam
- Frankfurt

2016

- London
- Marseille
- Dubai
- Los Angeles
- Singapore

2017

- Paris
- Milan
- Ashburn (US)
- New York
- Hong Kong

Outcome of Our Strategy



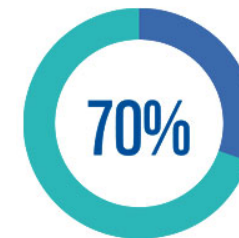
Submarine Cables

- Position Oman as a connectivity hub for OTT and Telecom Operators.
- Serving the region by leveraging on the connectivity.



Global Nodes

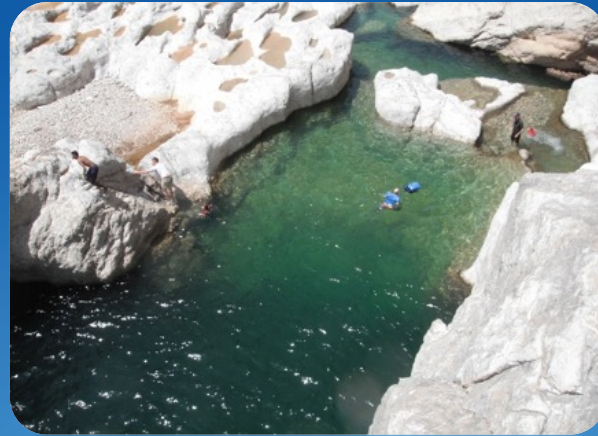
- Regional and local parties benefit from the peers that are in place without having to establish their own PoPs in other regions.



Content

More than 70% of the Internet is sourced directly through:

- Local Content Nodes.
- Peering.
- Internet Exchange(s).



Thank you and
Enjoy your time in
beautiful Oman



عمانتل
Omantel

Bridge between Europe and Asia
The Connectivity Hub

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