

# 5G Availability

## A Mapographic Study

### 5G Connectivity, By Region



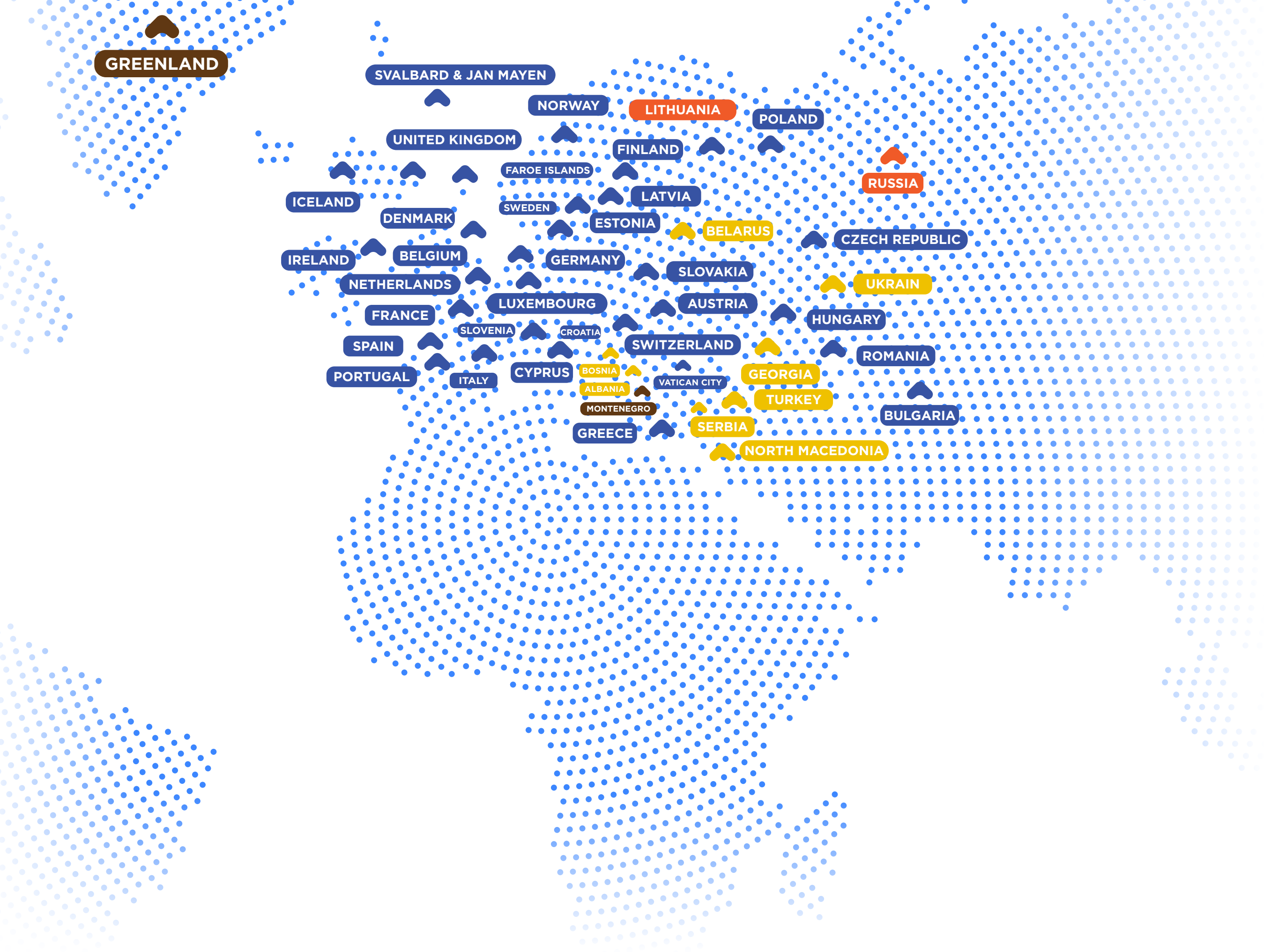
#### 1. Asia-Pacific



#### 2. Latin America and North America



#### 2. Europe



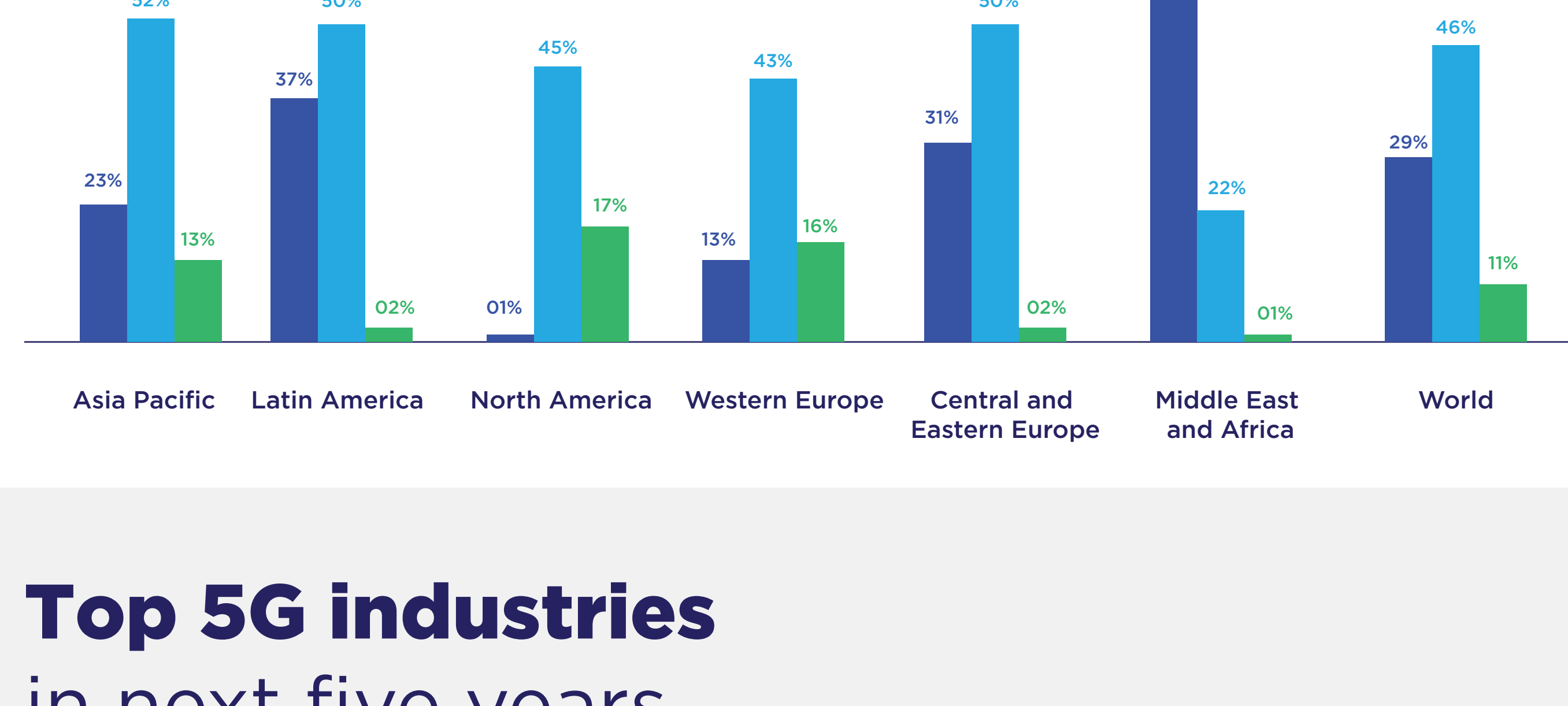
#### 2. Middle East & Africa



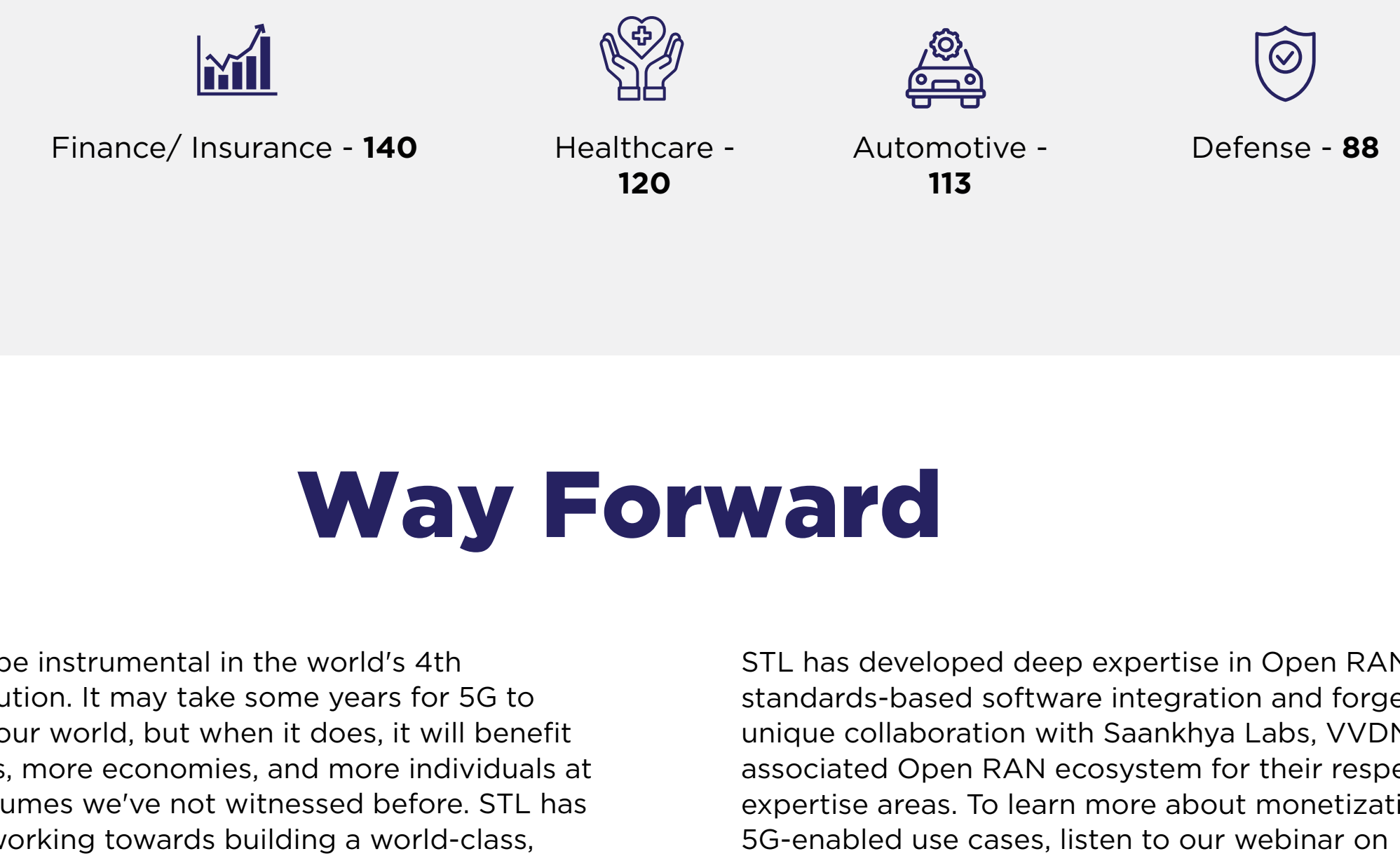
### The Current State of 5G Networks Worldwide

- As of June 2021, 58 countries have deployed 5G networks, up from 38 countries in the last year.
- By 2025, 5G networks will likely cover one-third (3.6 billion) of the world's population.
- South Korea, the 1st country to deploy a 5G network, is expected to have attained 60% of 5G mobile subscriptions by 2025.
- By 2023, North America will have the highest share of 5G networks, at 17% within the region.
- Currently, 461 operators have invested in 5G worldwide, out of which 176 are commercial launches.
- More than 75% of mobile phones in the advanced markets of North America, Western Europe, and Asia-Pacific is expected to transition to 5G networks by 2025.
- Currently, 600+ 5G devices are commercially available, while 900+ 5G devices have been announced.
- There are nearly 299 Million 5G subscribers in Q1 2021 and are expected to reach 1 billion users in 3.5 years, compared with four years for 4G and 12 years for 3G.
- More than 65 countries have already assigned 5G-relevant spectrum while 55 countries are planning to auction 5G spectrum by 2022.

### Mobile Connectivity, By Region



### Top 5G industries in next five years



### Way Forward

5G is going to be instrumental in our world's 4th industrial revolution. It may take some years for 5G to diffuse fully in our world, but when it does, it will benefit more industries, and more individuals at speeds and volumes we've not witnessed before. STL has been actively working towards building a world-class, open and agile ecosystem to design and deliver 5G solutions that promise gigabit data rates, low latency, reliability and availability.

STL has developed deep expertise in Open RAN standards-based software integration and forged a unique collaboration with Saankhya Labs, VVDN and the associated Open RAN ecosystem for their respective expertise areas. To learn more about monetization of 5G-enabled use cases, listen to our webinar on "5G Monetization for a Digital Economy Powered by Multi-Sided Business Models" or visit our [Website](#) to learn more.