

POWERING GLOBAL CONNECTIVITY: THE IMPORTANCE OF SUBMARINE CABLES



In a world where connectivity is king, submarine cables are the lifelines that power our global communication. Discover the vital role of these undersea wonders in enabling seamless data transmission across continents and driving our connected world forward.



DATA CAPACITY

Some of the latest cables are capable of transmitting

▶ **160 TERABITS** per second

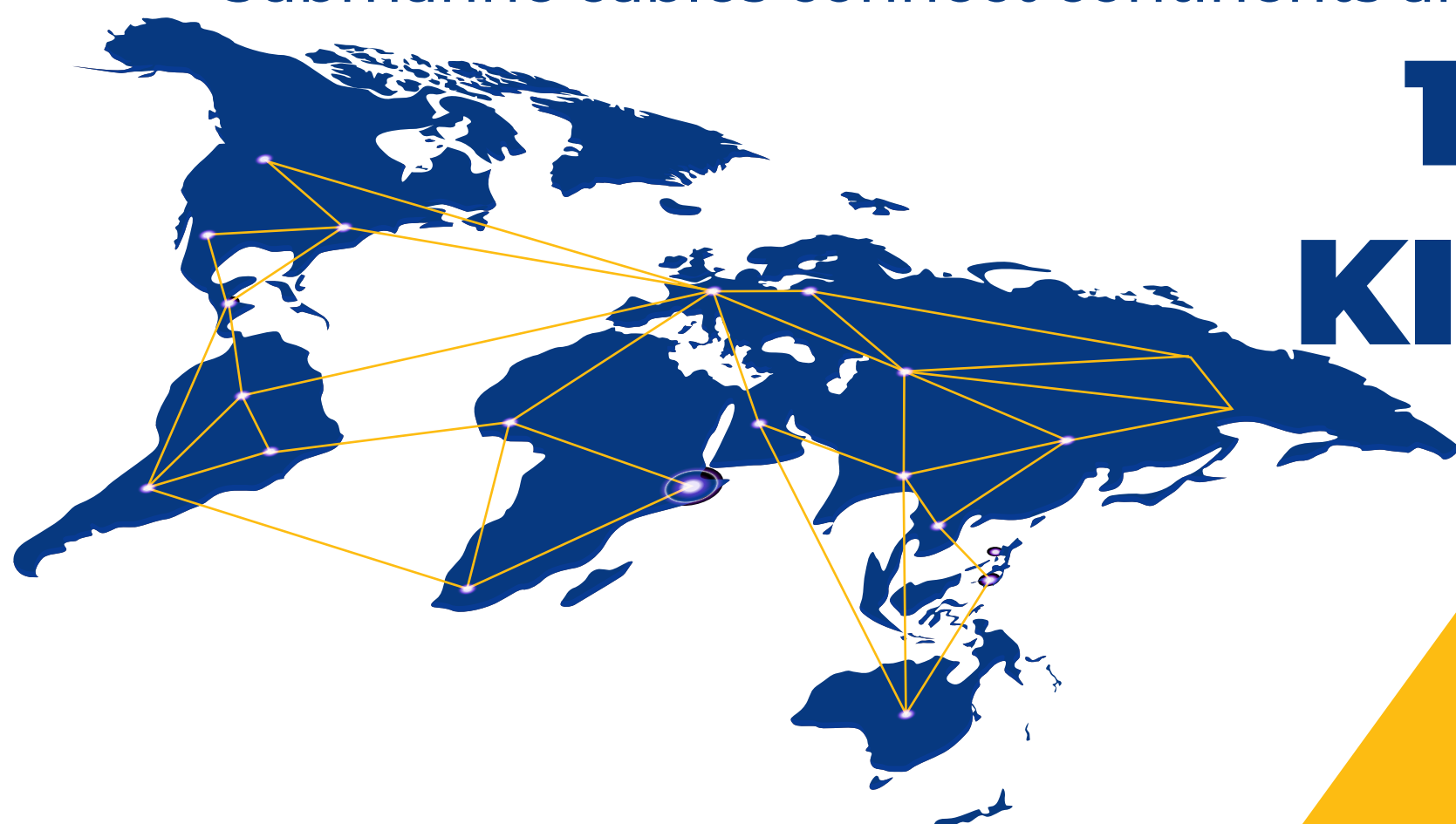
equivalent to transmitting 5,000 HD movies **per second**



GLOBAL CONNECTIVITY

Submarine cables connect continents and countries worldwide, with

1.2 MILLION KILOMETERS



INTERNET TRAFFIC

Submarine cables carry

99% OF ALL INTERNATIONAL DATA TRAFFIC



ECONOMIC VALUE

▶ The economic value of submarine cables is significant, with estimates suggesting that the global submarine cable industry generates over

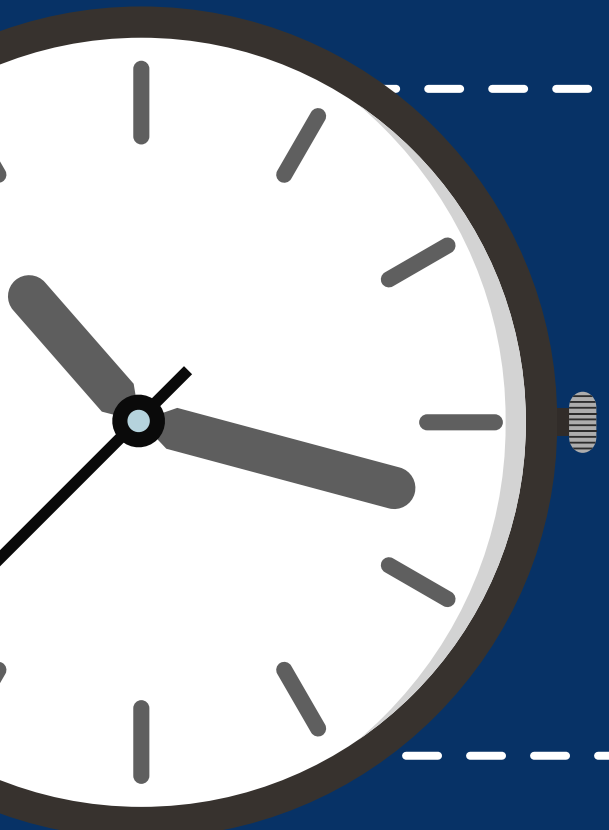
\$10 trillion in economic value **annually**



LENGTH OF CABLES

The length of submarine cables laid on the ocean floor is immense. The 2Africa cable will be

45,000km long! ▶▶



LIFESPAN

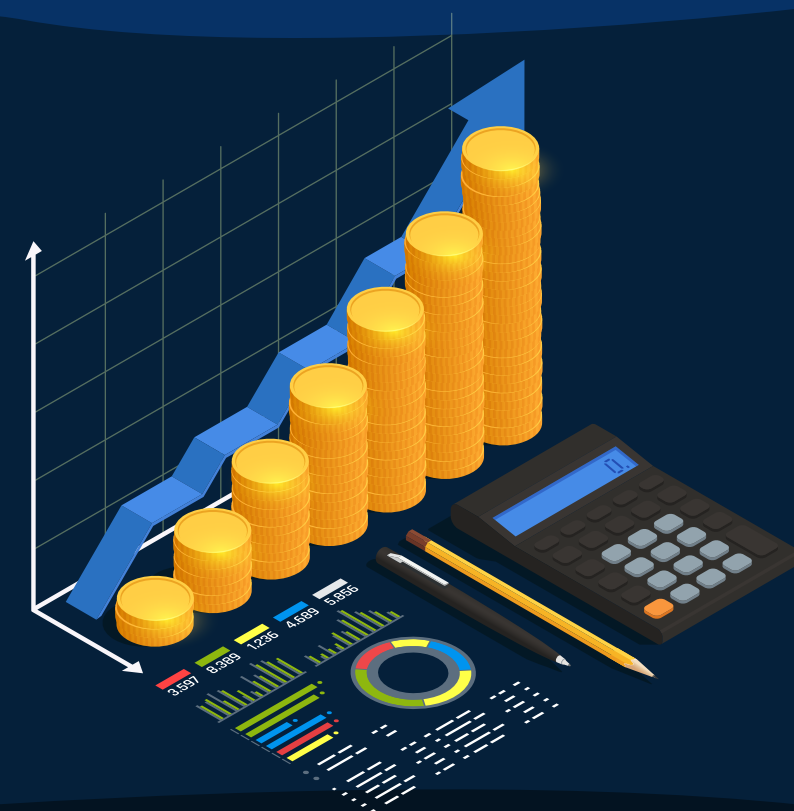
Submarine cables have a long lifespan, with an average operational lifespan of

25 years or more

COST

Laying and maintaining submarine cables is a significant investment, with the cost of laying a single kilometer of submarine cable ranging from

\$20,000 to \$250,000



As the backbone of our connected world, submarine cables are the silent heroes that enable us to communicate, collaborate, and thrive in the digital age. With their massive data capacity, extensive global connectivity, and significant economic value, submarine cables are the lifelines that drive our interconnected world forward.