



Status of Sub-Sea Infrastructure in India

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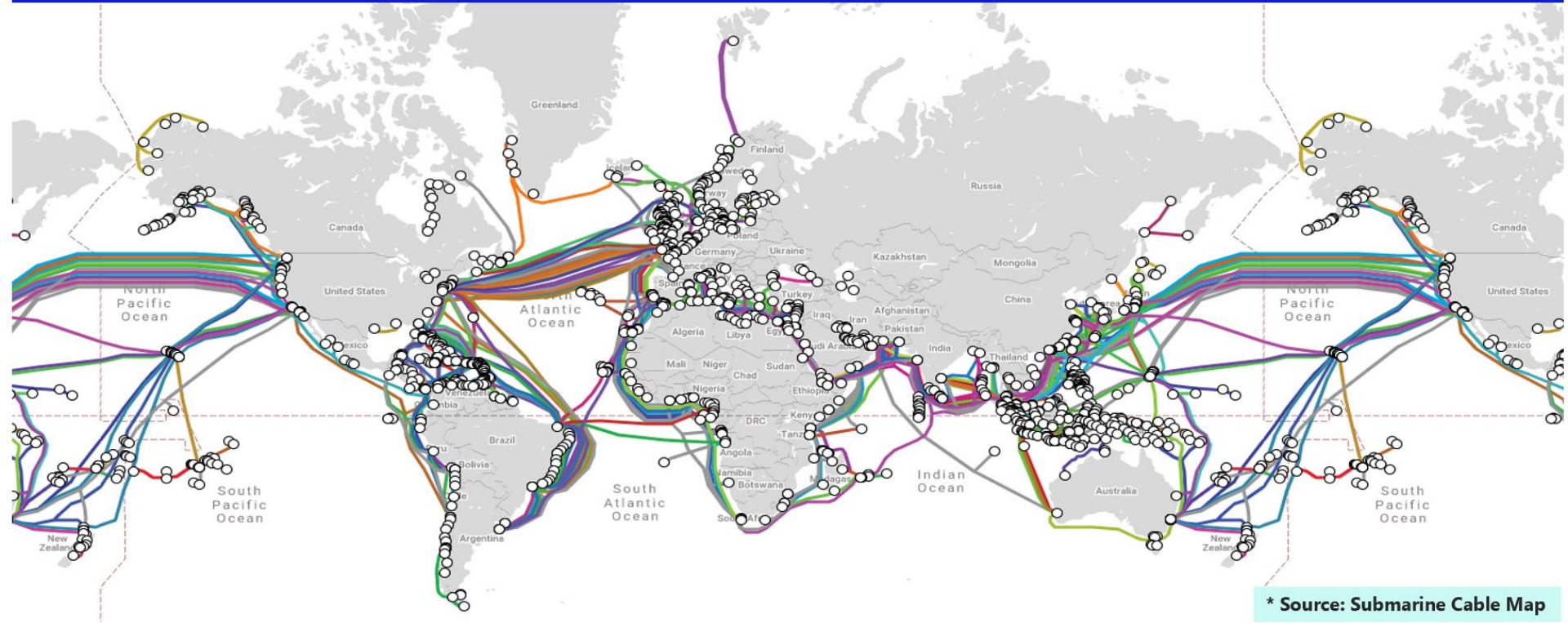
#apnic62

MUMBAI, INDIA
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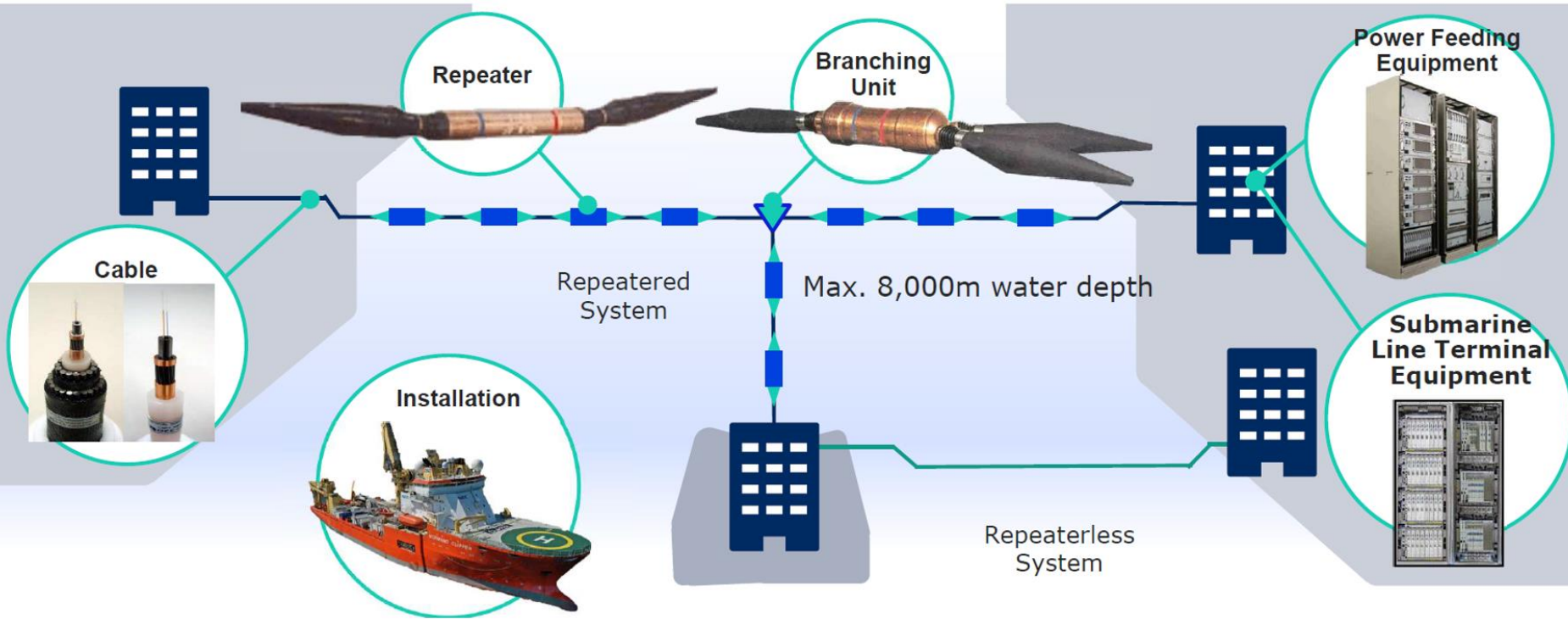
Importance of Submarine Cable Systems in Global Communications

Almost 99% of International Data Traffic is carried over Submarine Cables
More than 500 Systems with more than 1.6 Million Route Kilometers Deployed



* Source: Submarine Cable Map

Typical Submarine Cable Network



Brief of overall Submarine Projects Ecosystem

Key Components

Wet Plant

- Submarine Cables
- Repeaters
- Branching Units
- Joint Boxes

Dry Plant

- SLTE & IE
- PFE (Repeater Sys)
- Land Cables
- NMS/EMS

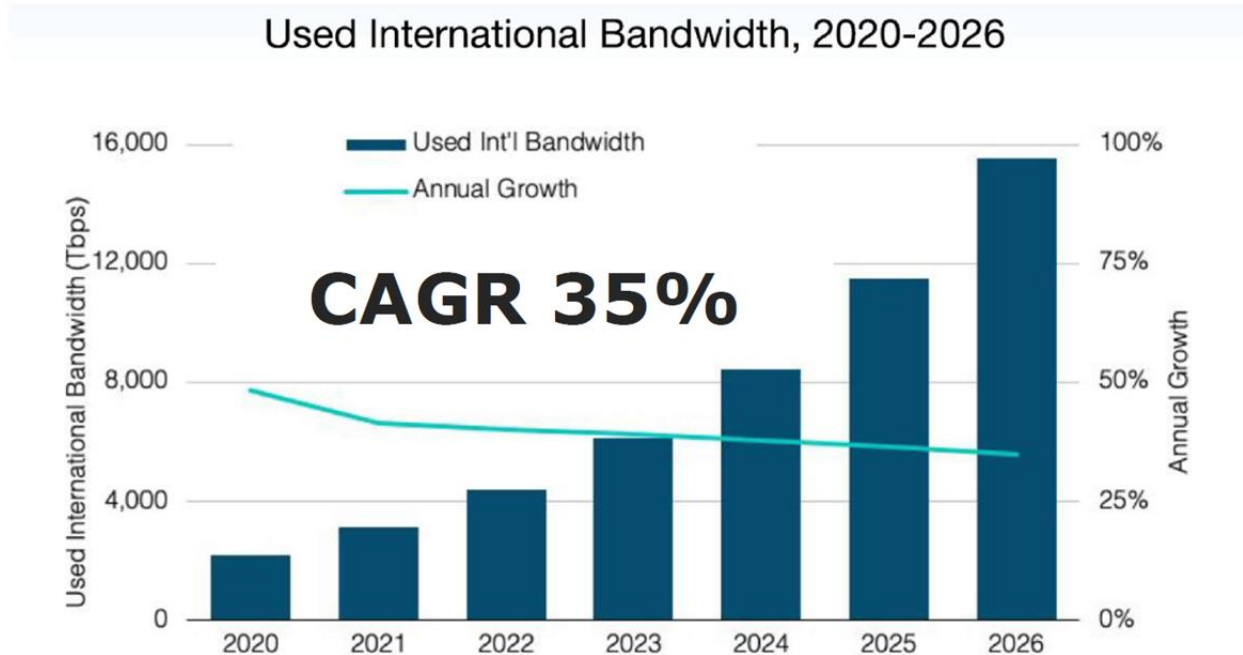
Marine Operations

- Marine Route Survey
- Marine Engineering
- Cable Laying
- Cable Repairs



Drivers for Submarine System

Worldwide International Bandwidth Growth (2020-2026)

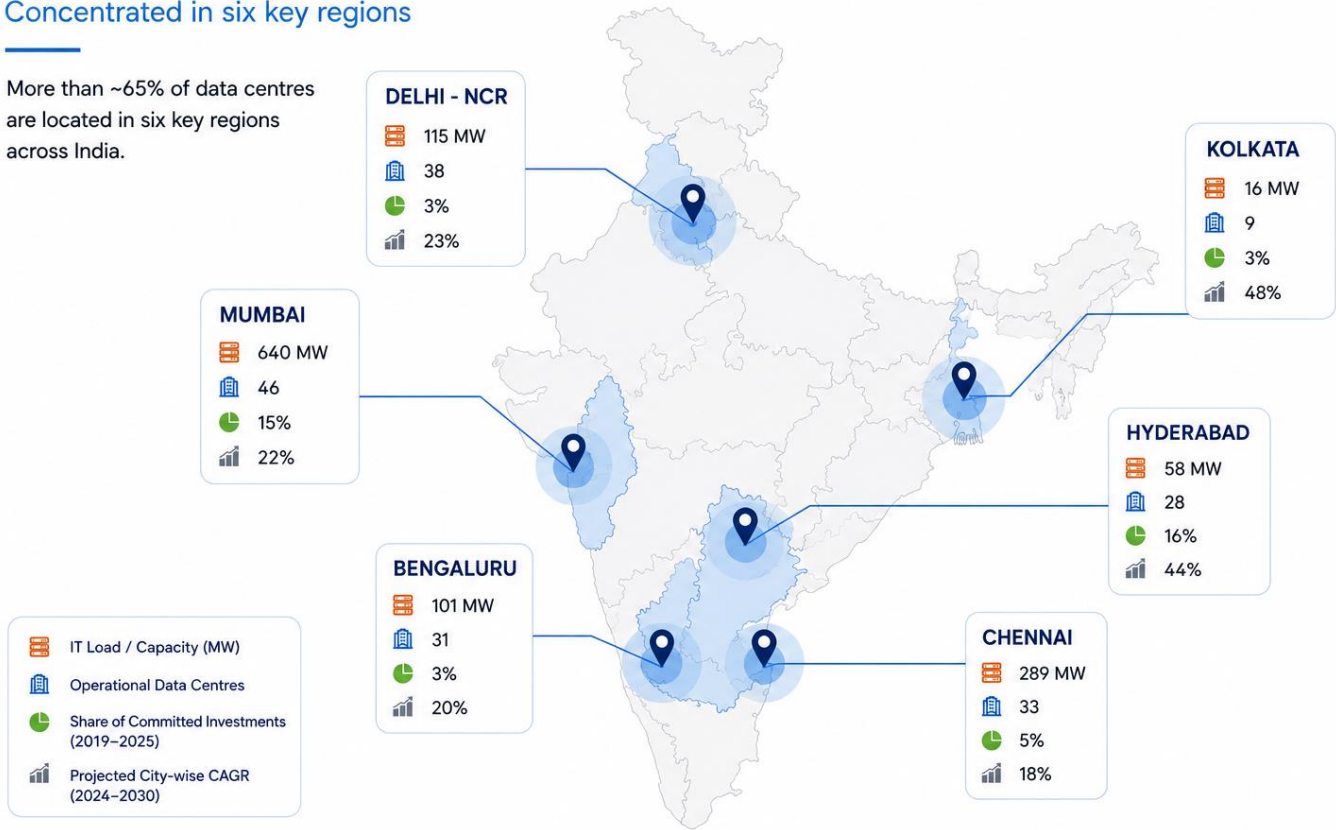


Source : TeleGeography

INDIA'S DATA CENTRE ECOSYSTEM

Concentrated in six key regions

More than ~65% of data centres are located in six key regions across India.



Source: CEEW – Scaling India's Data Centre Ecosystem Report (2026)

20% of Global Data Generated in India

India's Share in Global Data Centre Capacity is less than 5%

Data Centre Capacity Expected to Grow by 5 to 6 times by 2030

Becomes Key Driver for Sub-Sea Infrastructure

Sub-Sea Infra in India



Sr. No	City	No of CLS*
1	Mumbai	12
2	Chennai	6
3	Kochi	2(1)
4	Andamans	(7)
5	Lakshadweep	(11)
6	Trivandrum	1
7	Tuticorin	1
Total		40(19)

* Excludes Systems under construction

- Most Cables nearing End of Life
- Huge Potential on East Coast
- Domestic Coastal Connectivity
- New Cable Capacity Exceeds Combined Capacity of all systems prior to 2020!

Thank You!