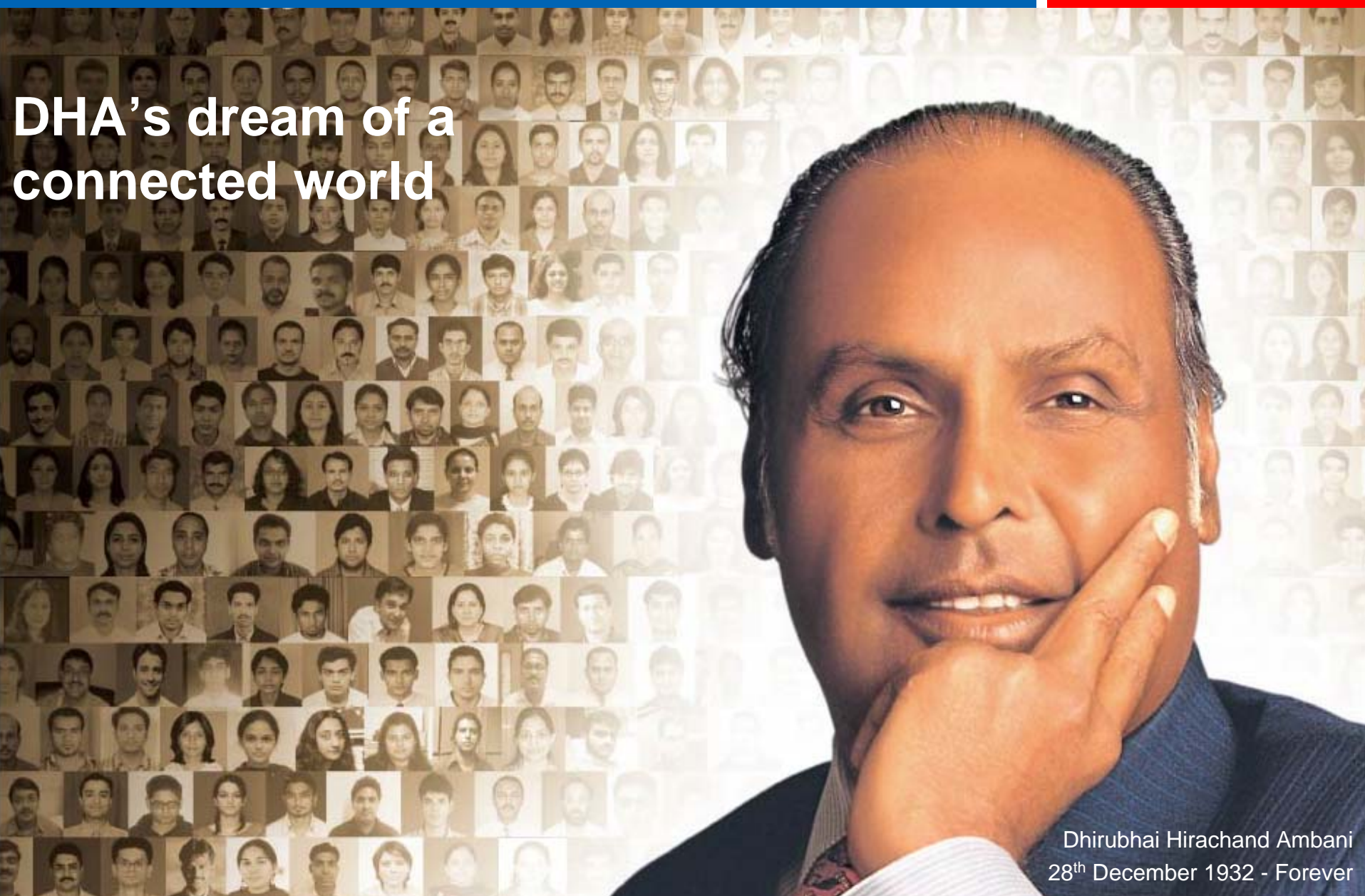# The vision of one man who saw it all coming

DHA's dream of a connected world

Dhirubhai Hirachand Ambani
28th December 1932 - Forever

The Power Of Connectivity

- ❑ Seamless world united by power of communication

- ❑ Emergence of a global village

- ❑ Putting India at the epicenter of a digital world

Reliance Communications…*Journey So Far*

- Market Cap of over Rs 98000 Cr (USD 22 bn) in less than 10 months of going public

- 7th most valuable company in India

- Among top 6 Telco's in Asia

- Number 1 wireless service provider
  - with over 31 million global customers

- Over 800 of the top 1000 corporates in India as customers

- Over 2 Million shareholder family, among the largest in India

Fibre Loop Across Globe

- World's largest private submarine cable system

- 65000-km cable networking 40 countries across 4 continents

- Touching 4 billion lives – nearly 2/3rd of the world population

- Catering to economies with a combined GDP of $35 trillion or 85% of global GDP

- Connecting dynamic high-growth markets like India, China, The Middle-East and Africa with the rest of the world

FLAG…*The Global Lifeline*

❑ What FLAG makes possible

- Live telecast of major sporting events like Formula-1, Wimbledon, Olympics, FIFA World Cup, Asian Games..

- Carrying 2 out of 3 calls originating from US to India

- Connecting 1 out of 2 people globally

- Act as India's "Window to the World"

FLAG…*Our Customer Chord*

❏ Over 200 international telcos and content providers

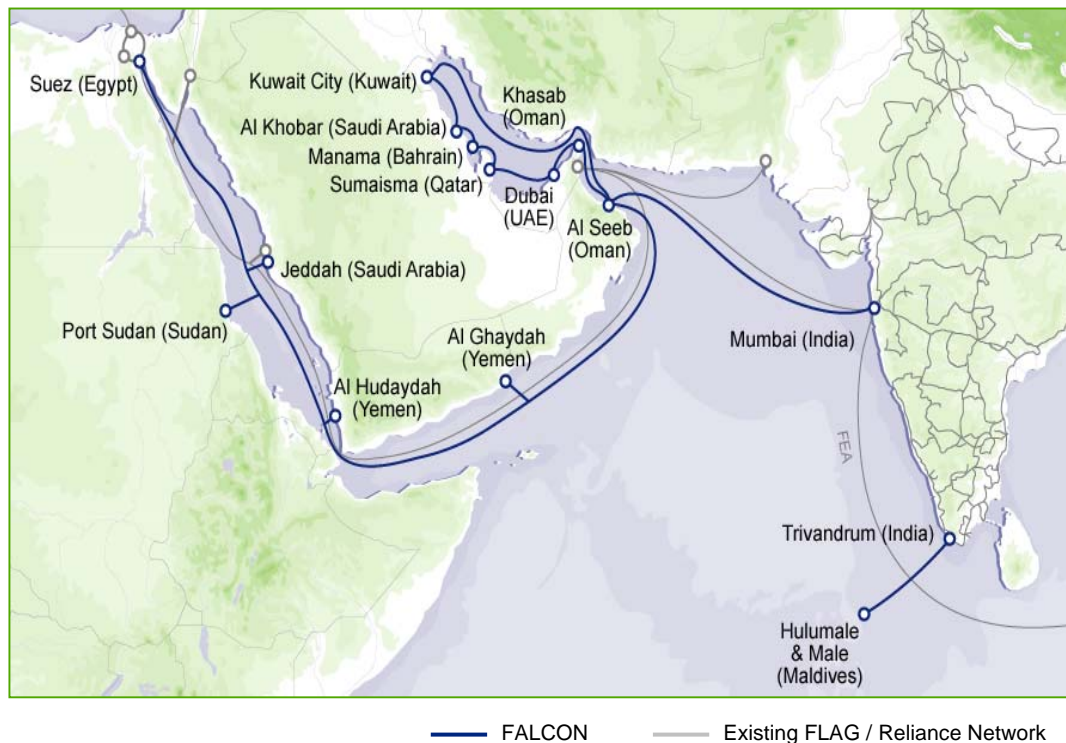- **Telco's**

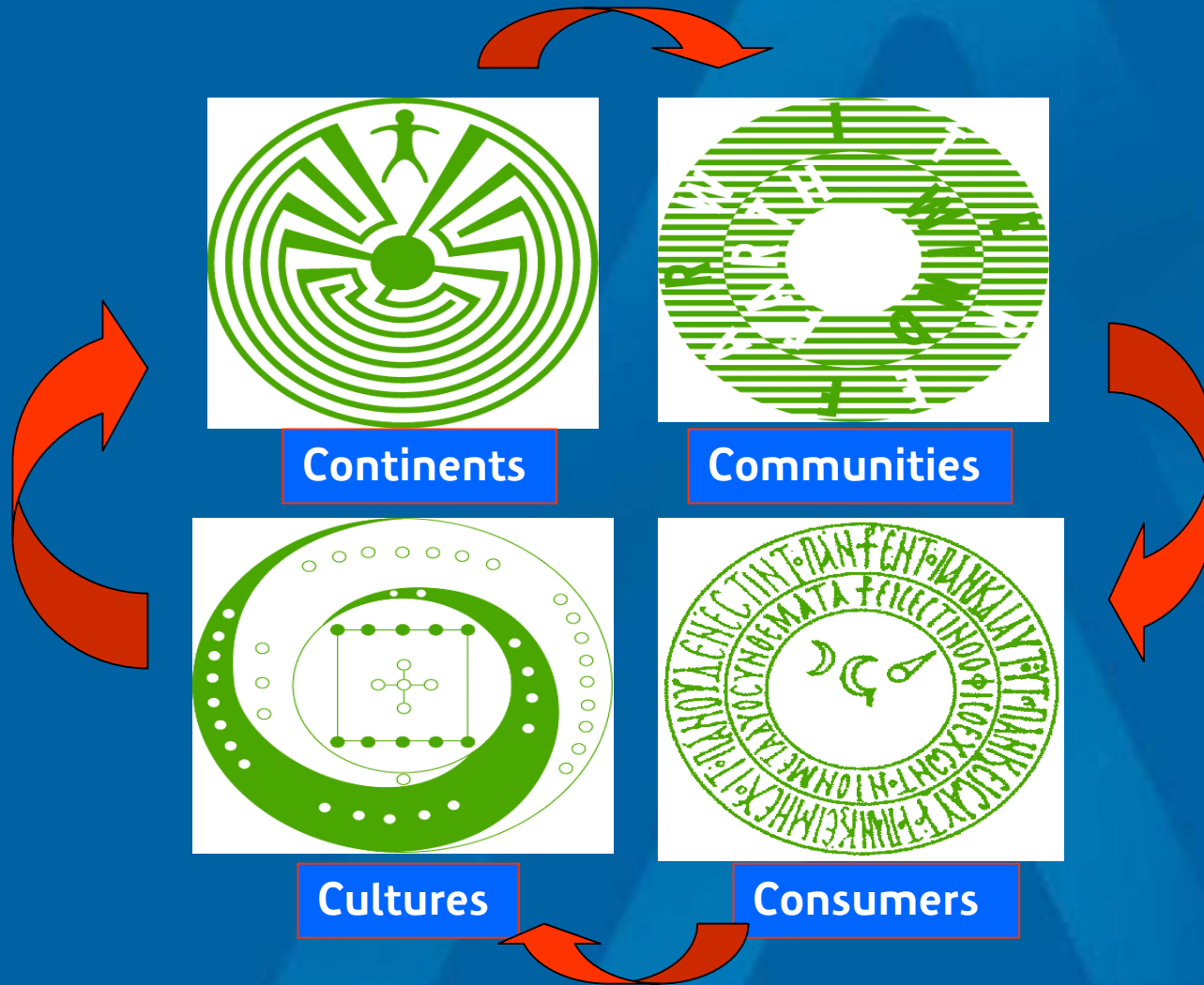- **ISPs/ Mobile**

- **Content providers**

- **Global leaders**

FALCON

❑ $ 400mn project linking Middle East to the rest of the world

❑ Completed ahead of schedule

❑ 20% below cost

❑ World's largest Private Cable System built in last 5 years

FALCON   Existing FLAG / Reliance Network

FLAG Next Generation Network (NGN)

Continents
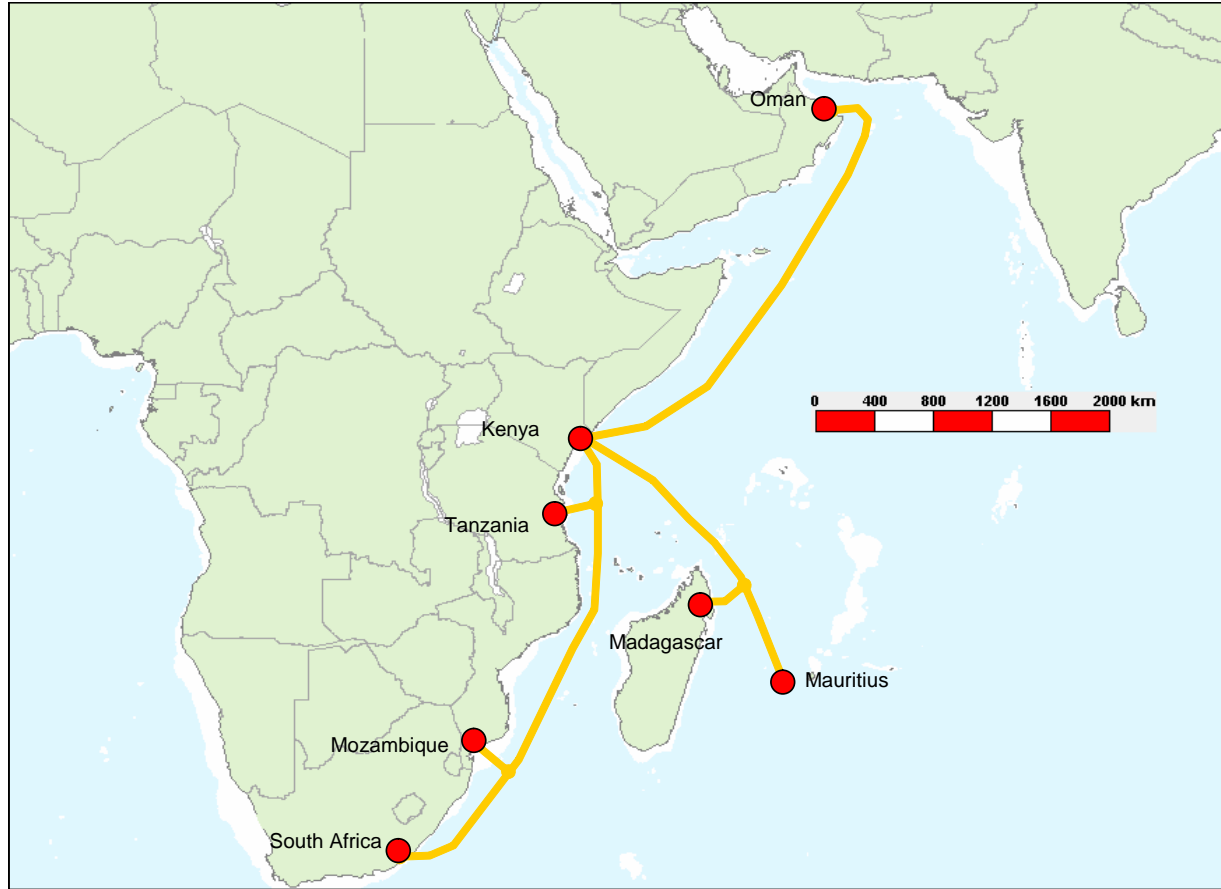
Communities

Cultures

Consumers

NGN System 1- South East Asia Cable Route

- **Connecting Asia – Malaysia, Singapore, Indonesia, Vietnam, Philippines, Brunei**
- Capacity: 2.56 Terabit
- Covering a population of 3,072 Mn

# NGN System 2 - East Africa Cable Route

- Connecting Africa: Kenya, Mozambique, Republic of South Africa, Tanzania, Madagascar, Mauritius
- Capacity: 2.56 Terabit
- Covering a population of 840 Mn

NGN System 3 - Mediterranean Cable Route

- Connecting the Mediterranean – Greece, Cyprus, Turkey, Malta, Libya, Lebanon
- Capacity: 2.56 terabit
- Covering a population of 982 Mn

NGN System 4 - Trans Pacific Cable Route
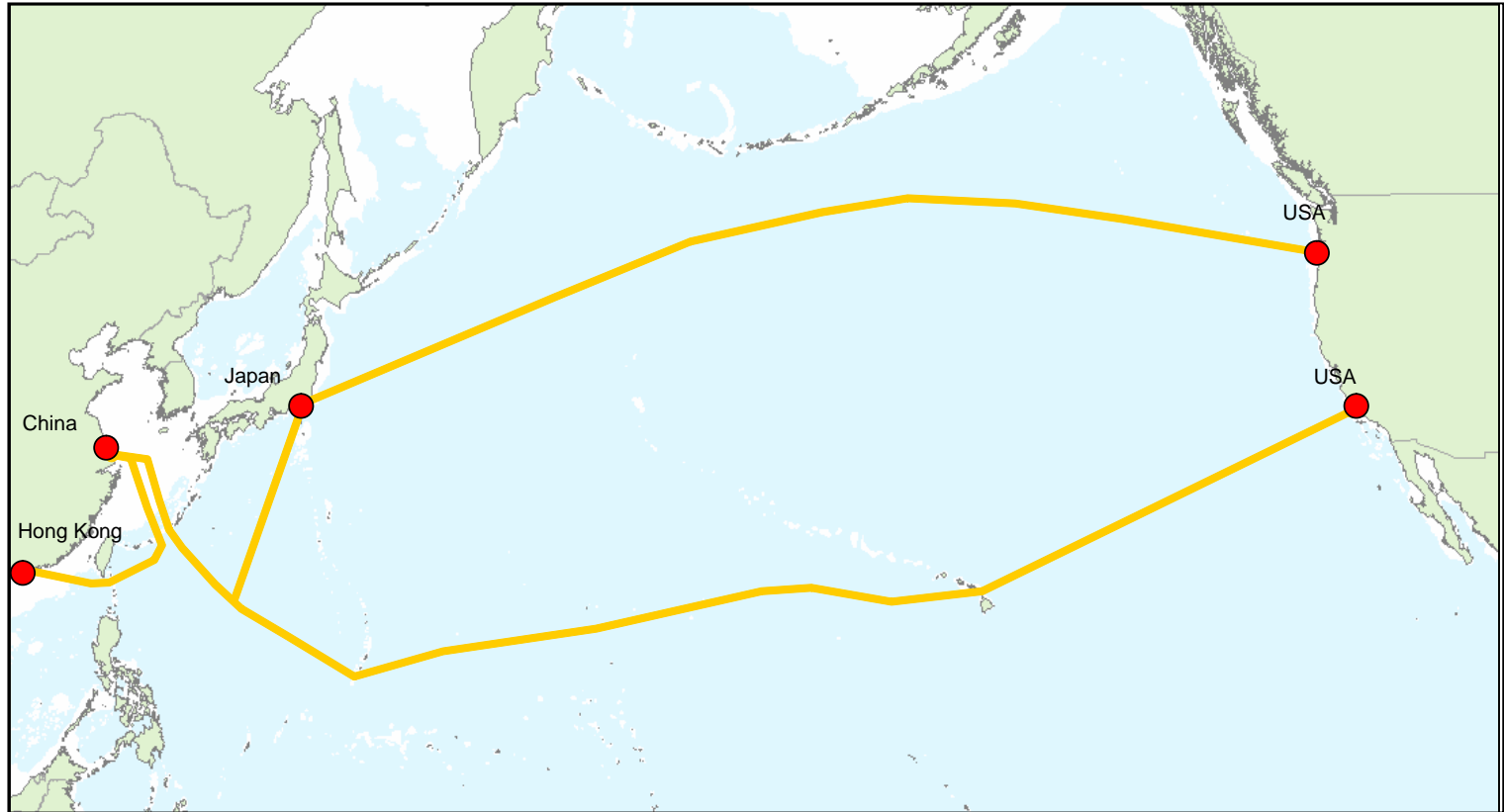
- Connecting two geographical divides: US West Coast and Japan
  - the land where the sun sets last to the land of the rising sun
- Capacity: 3.84 Terabit
- Covering a population of 320 Mn

Complex Project Implementation

- Production-on-order only

- Specific complex equipments for steel armoring the cables

- Sophisticated electronic repeaters with very large maintenance free life span – thousands feet under sea

- Time consuming permits for cable laying, landing, environment clearance, protected marine eco-systems etc. from various sovereign States

RELIANCE Communications
Anil Dhirubhai Ambani Group

Project Complexity

- Specialised Marine Survey

- Complex & slow cable loading, laying with specialised cable laying ships

- Cable laying at a depth of inverted Mt. Everest height

- Weather dependent – Tycoon seasons, monsoon, natural calamities

RELIANCE Communications
Anil Dhirubhai Ambani Group

Digital lifestyle

via future-proof bandwidth

- 2.5 billion mobile calls simultaneously from anywhere to anywhere
  - **5 billion people globally** can reach out to one another

- 300 million people worldwide can web-chat at the same time – or all the 120 million Indian internet subscribers can do so at any given point in time

- 52 million can globally video-chat or all the 20 million educational institutes in India can offer e-learning simultaneously

❑ All the Hollywood and Bollywood films produced till date and those to be produced over the next 10 years can be viewed simultaneously and yet only a third of the capacity will be in use

FLAG NGN… *Global Infobahn*

- Offering a faster, better and clearer connectivity enabling an hi-speed transmission for a richer internet-based multimedia experience
- Rs. 7000 Cr (USD 1.5 Bn)
- Completion by 2009