

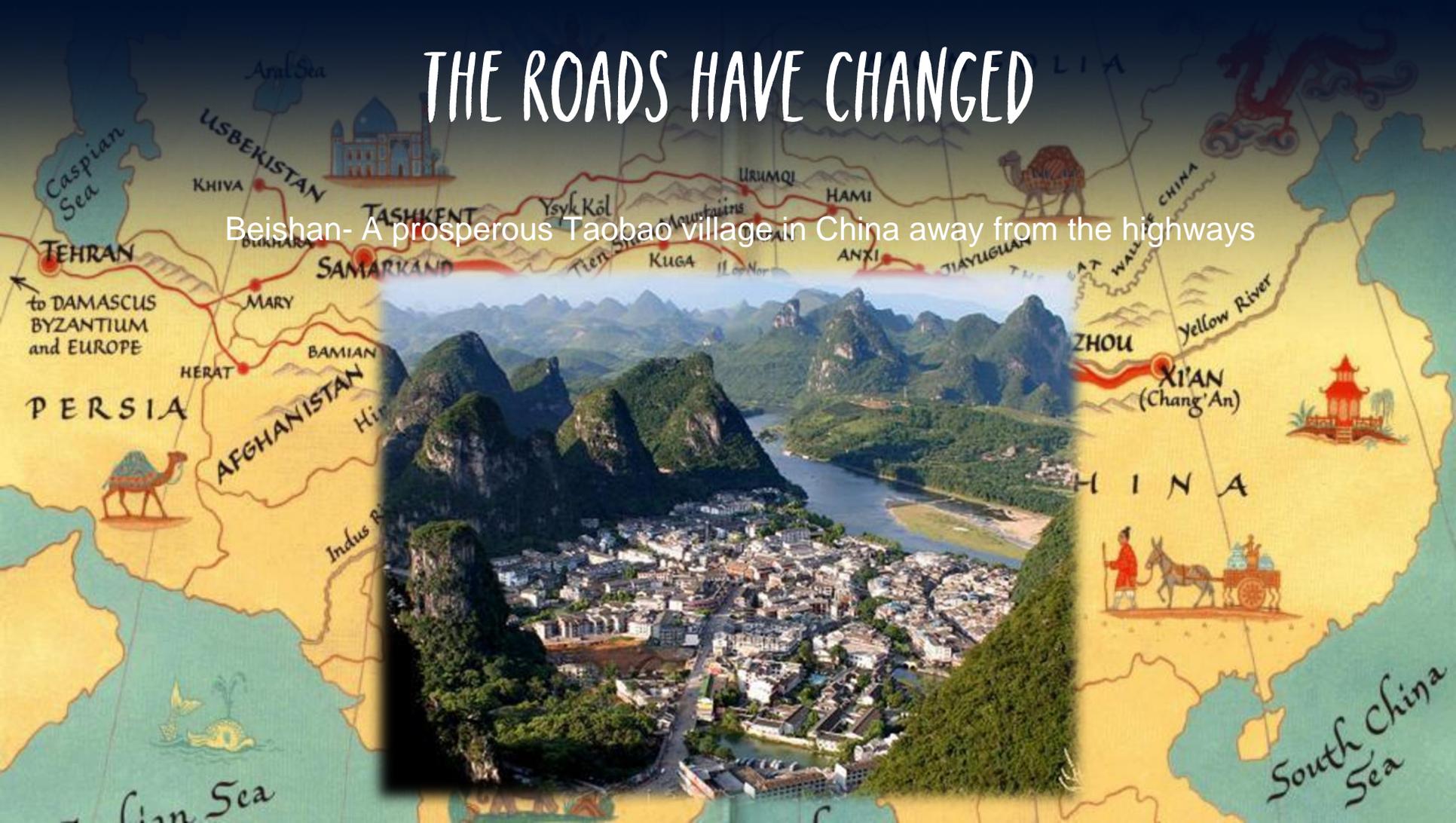
ENABLING A BETTER CONNECTED WORLD

Mapping your transformation into a digital economy
with Global Connectivity Index 2016



THE ROADS HAVE CHANGED

Beishan- A prosperous Taobao village in China away from the highways

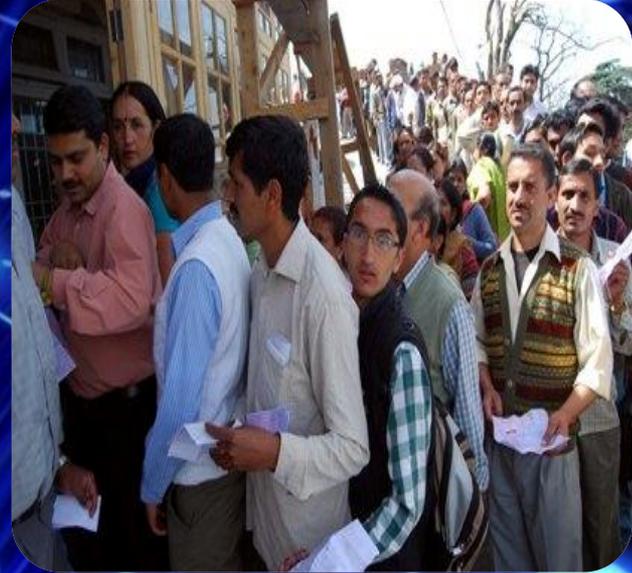


CONNECTIVITY CHANGES LIFE

Homeless person in Sweden
(Stockholm, 2015)



Bill Payment queue in India
(Himachal Pradesh, 2015)



CONNECTIVITY IS THE 4TH UTILITY

1. Electricity



2. Water



3. Gas



4. Connectivity





Connectivity is changing the world, but what defines connectivity ?

BROADBAND – BASIC INFRASTRUCTURE



12 Million

New jobs created by Alibaba Group

- *Direct: 9.7 Million*
- *Indirect: 2.0 Million*

IOT- FROM PEOPLE TO THINGS

100

billion

connections by 2025



Smart City



Smart Grid



Smart Home



Cashless Society

DATACENTER & CLOUD – INNOVATION DRIVER



mGov: 337 federal government services gone mobile in 2015 in UAE; FEDNet initiative launched



Healthcare: UAE targeting 500,000 medical tourism visitors by 2020 with cloud based workflow



Education: Datacenter infrastructure for increased automation and scalability across 17 HCT campuses

BIG DATA – THE NEW MOORE’S LAW



A blurred, blue-tinted photograph of a modern city street. In the background, a tall, cylindrical tower with a flat top is visible. The foreground shows a road with a white line, and the right side features a modern building with a curved facade. The overall scene is out of focus, suggesting motion or a fast-paced environment.

Connectivity is driving Digital Economies....

DIGITAL ECONOMY IS COMING...

Digital Economy Transformation Program



Made in China
2025



Singapore
Smart Nation



AMP2.0

- Productivity : **15~25%** ↑ (by 2025)
- GDP: **1%** ↑ (20% ICT investment increase)
- Connectivity: **100Bn** (2025)

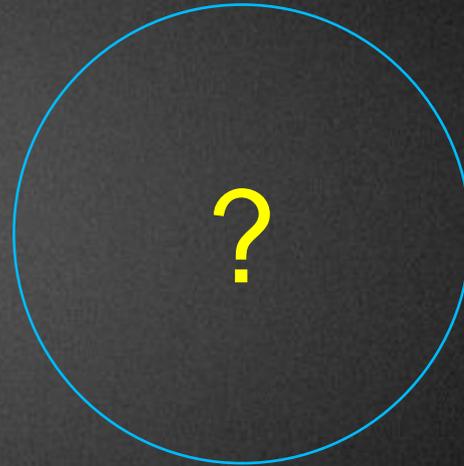
Source: Boston, Huawei GCI

HOW TO MEASURE DIGITAL ECONOMY TRANSFORMATION?

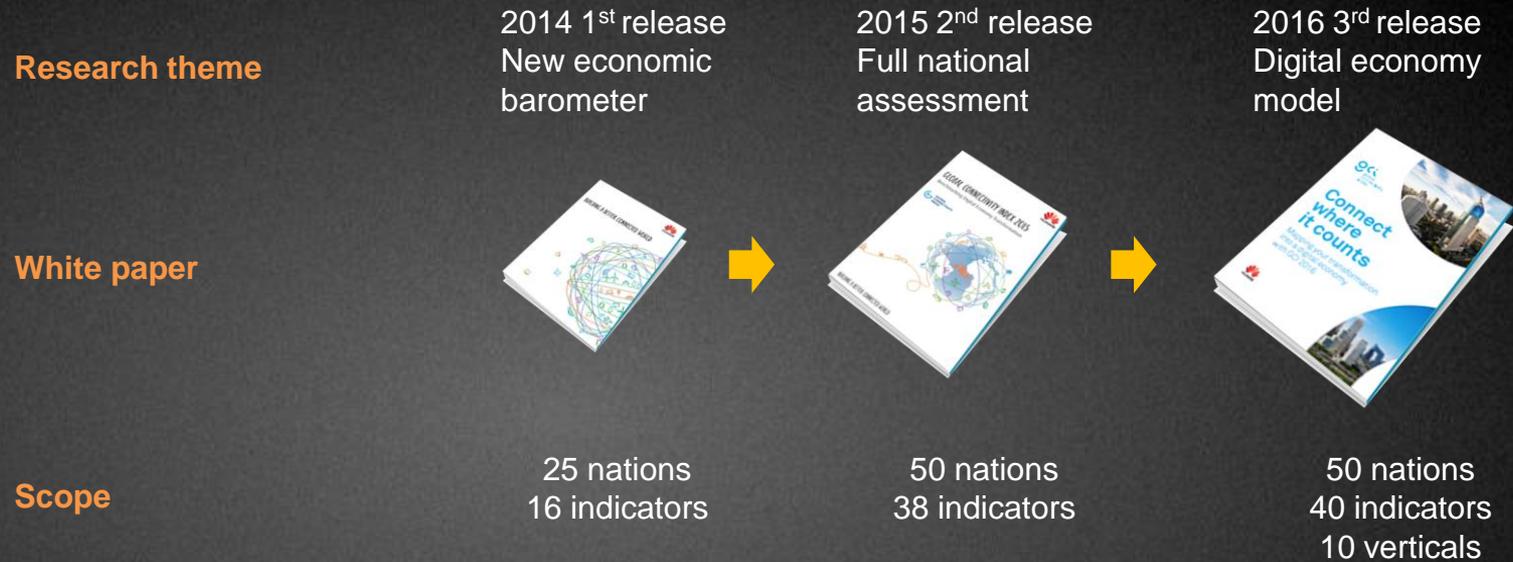
Economy



**Digital Economy
Transformation**



GCI: FOCUSING ON ECONOMIC DIGITIZATION SINCE 2014



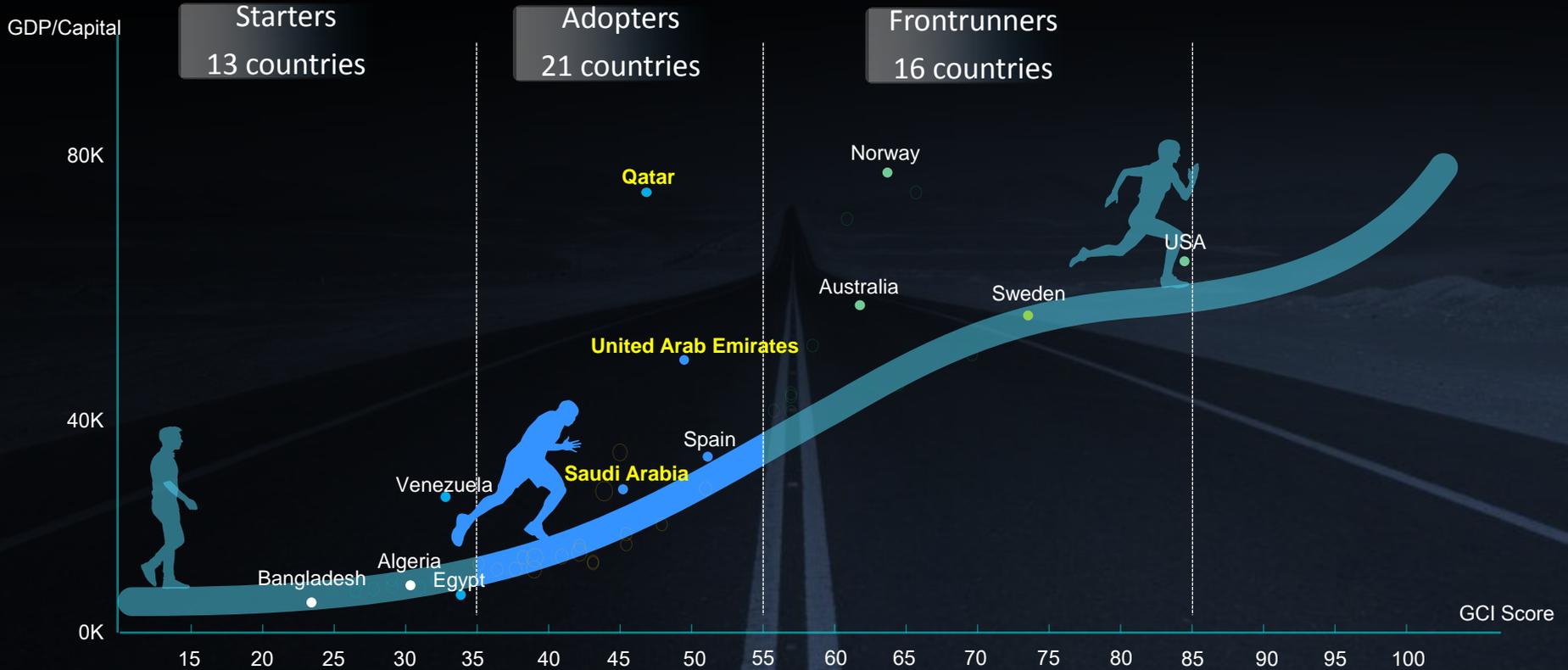
GCI - METHODOLOGY



Five Technologies Facilitate ICT Development

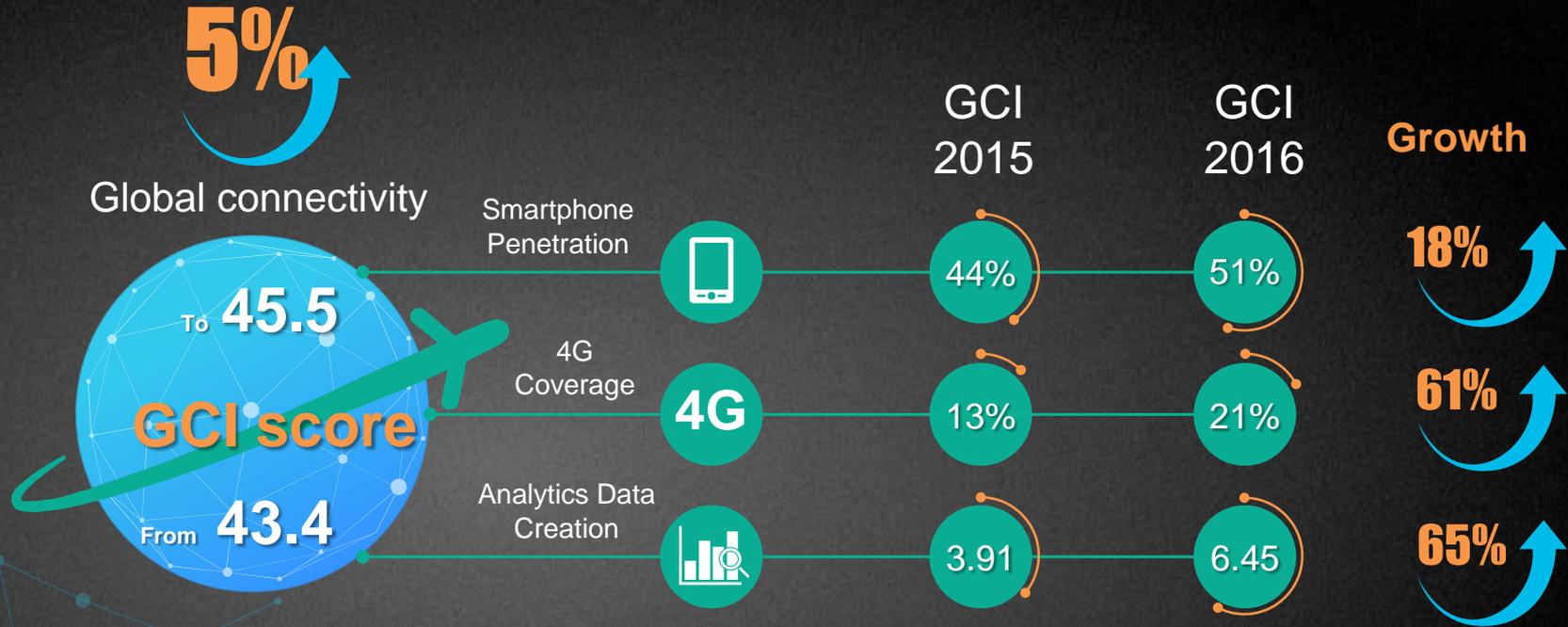


GCI RANKING: ME ARE LEADING IN ADOPTERS



UAE, Qatar and China are Top 3 among developing countries

TRANSFORMATION INTO A DIGITAL ECONOMY IS ACCELERATING



DIGITAL INFRASTRUCTURE DRIVES ECONOMIC GROWTH

Digital Agenda for Europe

Information Society Strategy

Ireland NBP

Digital Britain

China's National IoT Plan

Broadband Canada

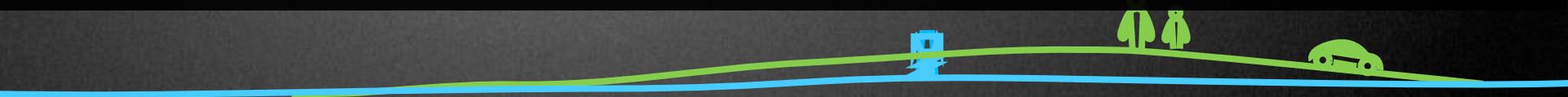
Digital Italy Plan

Vision 2023

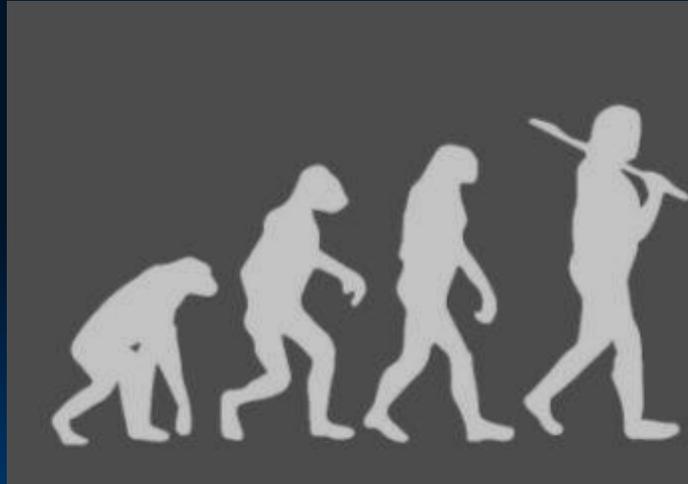
e-Japan

USA NBP

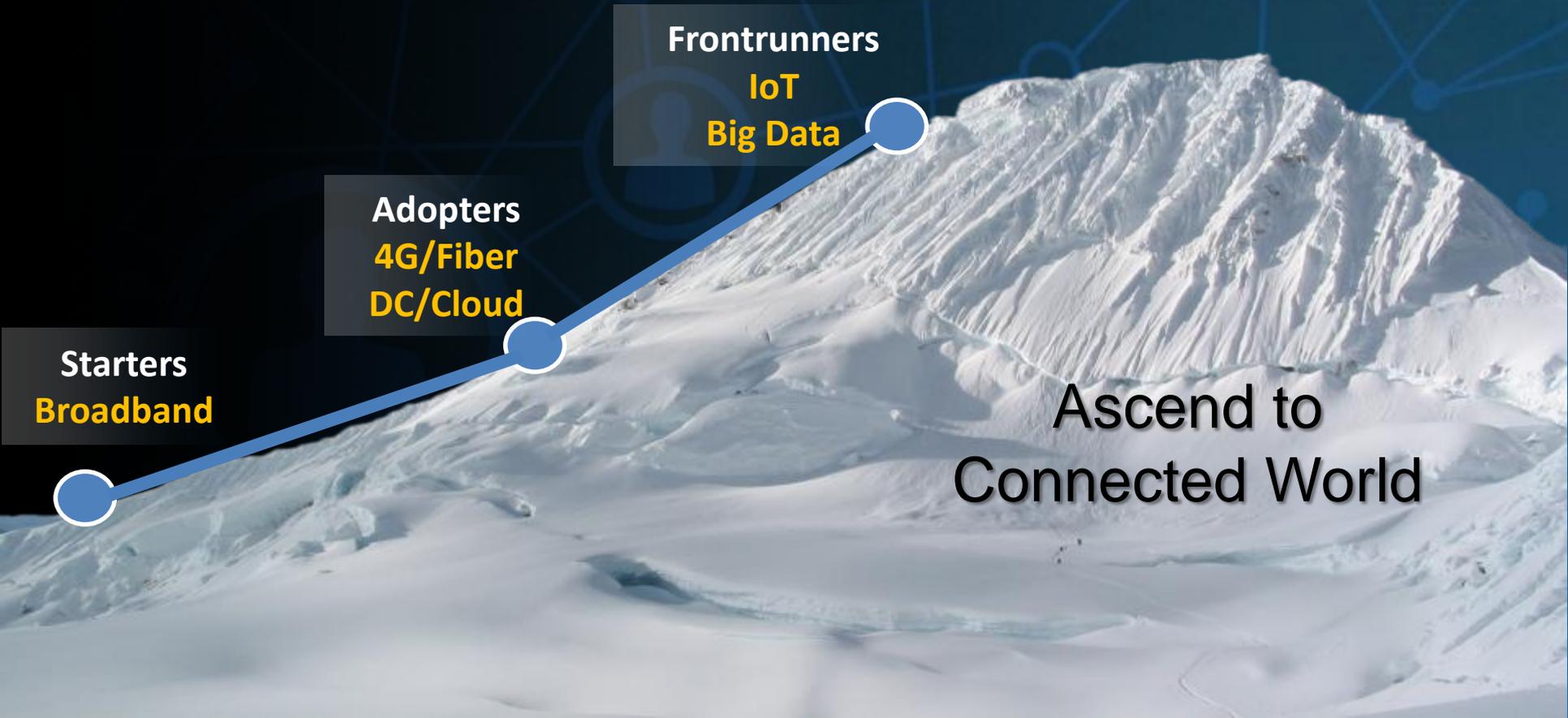
1 GCI ↑
= 2.1% Competitiveness ↑
= 2.2% Innovation ↑
= 2.3% Productivity ↑



STEP BY STEP APPROACH



ASCEND TO A BETTER CONNECTED WORLD



Ascend to
Connected World

ADOPTER: CHINA UNLEASH DIGITAL ECONOMY POTENTIAL

44

GCI Score

US\$415Bn

ICT Spending in 2015

FTTH

100Mn

By 2015

eCommerce

10Bn

Packages 2014

China NBN (2020)

1Gbps *(developed city)*

50Mbps *(common city)*

FRONTRUNNER: UK ENTERS INTO FULL IOT SOCIETY

65

GCI Score

US\$415Bn

ICT Spending in 2015

**Superfast BB
by 2017**

95%

**DC
Energy Tax**

0%
Energy Tax

Embracing IoT

40Mn
IoT government
invest.



HUAWEI: PARTNER FOR MENA ICT DEVELOPMENT



1st 3G Network
in Arab World

2003



The World's
Largest GPON
FTTH Network

2006



Region's 1st
FDD-LTE
Network in UAE

2011



LTE-A Network
Launched in
Qatar

2014



Trial in UAE

2018

etisalat 

STC 
التصالات السعودية

ooredoo

 zain

HUAWEI: INNOVATION FOR A BETTER TOMORROW

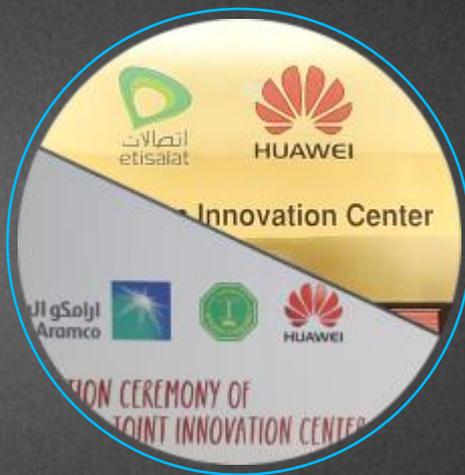
\$30Bn

R&D Investment Accum.



10

JICs & Labs



15,000

Talents Development



Q&A

