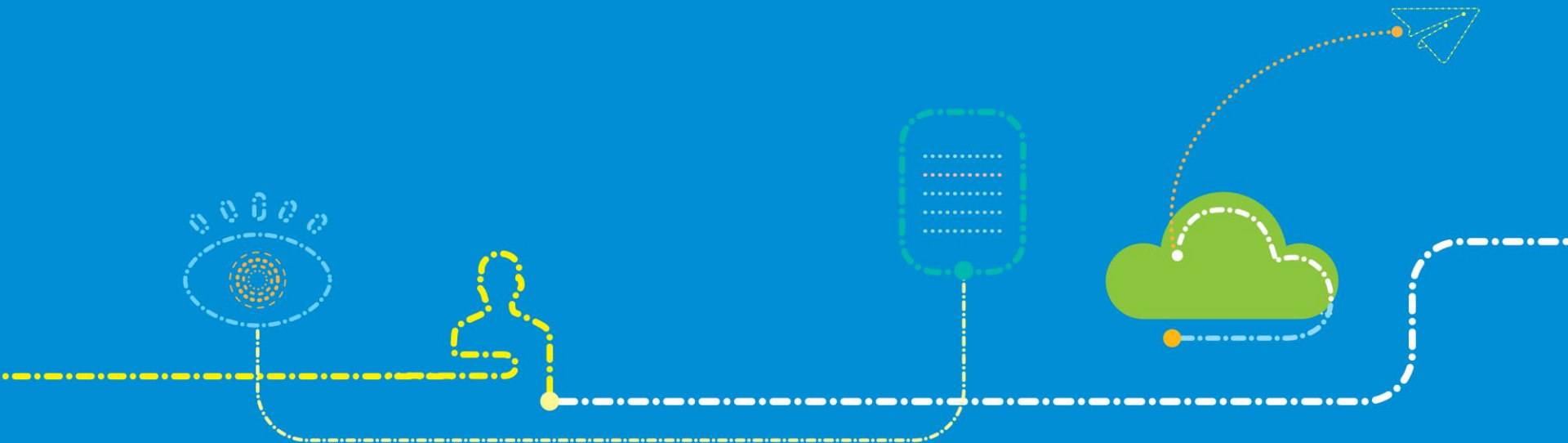


ZTE

Tomorrow never waits

Lighten Future with Big Broadband



Trend of Fixed Broadband



Fixed Broadband Meets More Challenges & Opportunities

Video

•4K/8K/VR/AR

Competition

•Operators/IT/CT/Clients

NBN

148/196

verizon✓

*"Bandwidth of technology has grown at a rate of **10x** every **6** years".*



56K/128K

1990s



2001

1M+



2008

10M+



2015

100M+



2020-2025

1G+

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Fixed Broadband Has a Great Potential

93%

Mobile Penetration of World Average

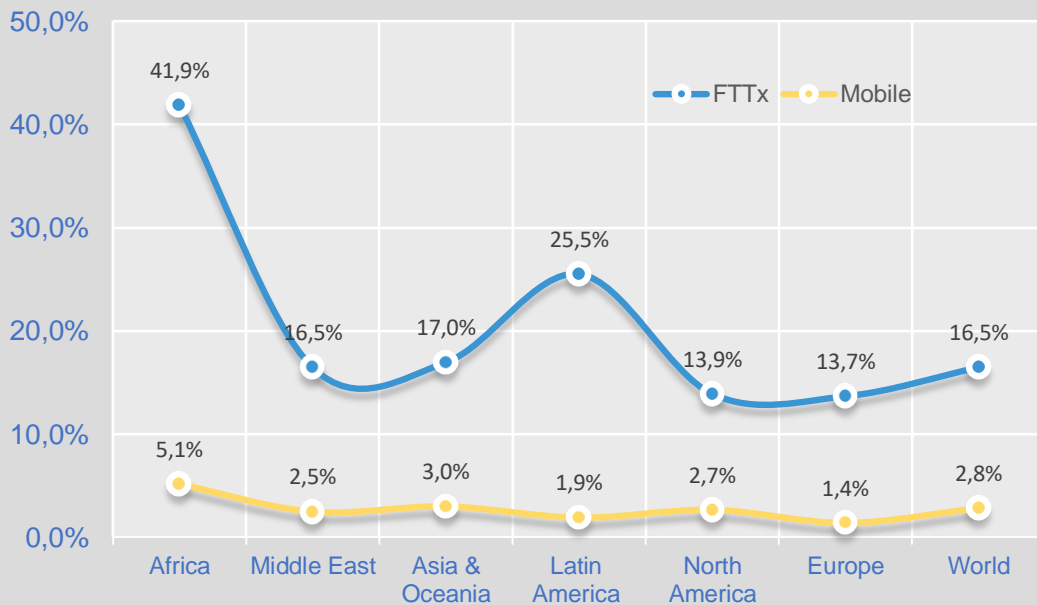
Source: OVUM, 2015

39%

Fixed-Broadband Household Subscription

Source: ITU-T, 2015

FTTx and Mobile Increase Forecast CAGR
(2013-2019)



Source: OVUM

FBB Application in Mobile Network is Necessary

FMC

80% *Mobile traffic will be bypass through Wi-Fi in 2016.*

The explosive growth of mobile devices is an important driving force for FBB upgrade.

economic

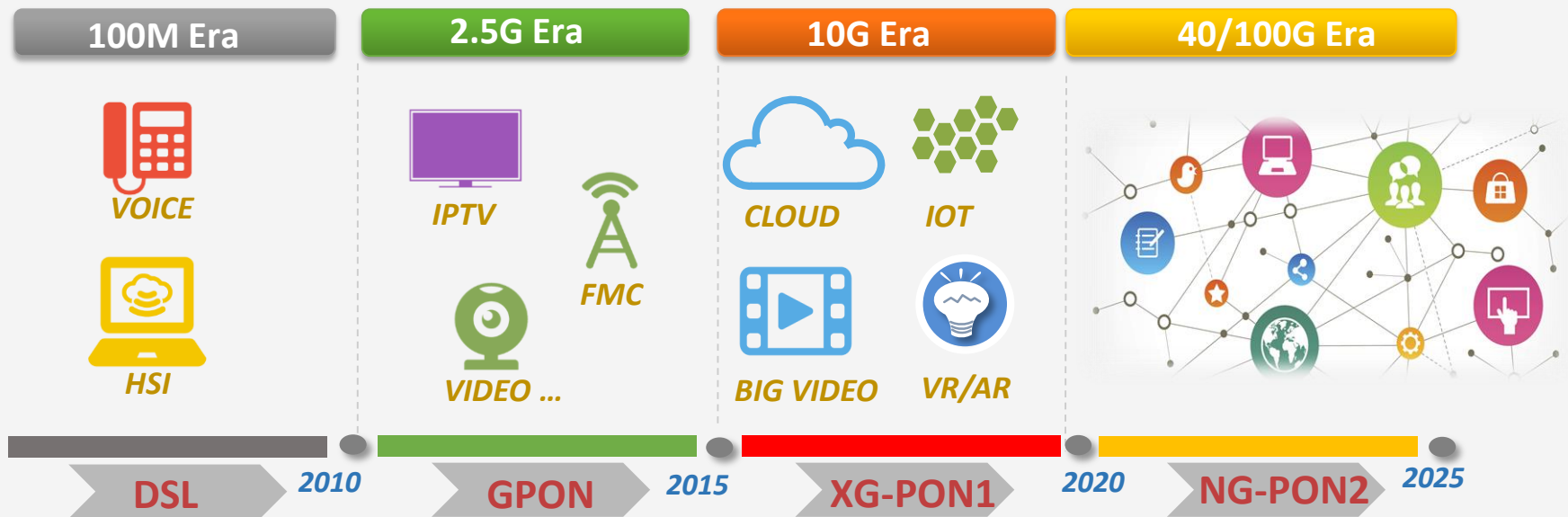


convenient

The mass deployment of 4G small cells brings huge pressures for mobile backhaul but opportunities for FBB.

FIMO

Roadmap of the Fixed Broadband is Clear



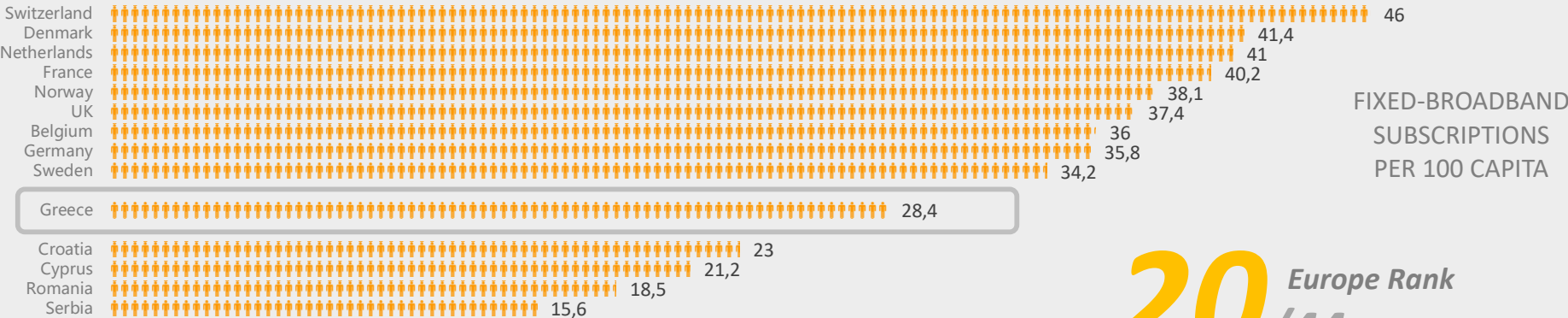
- In the coming several years GPON will be deployed commercially on scale.
- XG-PON1 start to deploy from Y2015 to Y2020 on scale.
- NG-PON2 is expected to start after Y2020.

Greek Fixed Broadband Status is Good But To Go



28.4% Fixed-Broadband Penetration

26 States Rank /189



FIXED-BROADBAND
SUBSCRIPTIONS
PER 100 CAPITA

20 Europe Rank /44

ITU-T :The state of Broadband 2015



Big Broadband



Three Features of Big Broadband Boost Network Values

01

Ultrafast

Keep upgrading the bandwidth, improve the QoS of the network and QoE of the clients.

02

On-Demand

Choose suitable deployment strategies, shorten service delivery time.

03

Simple & Smart

Drive down TCO and improve operating efficiency.

GPON/XG-PON1 is a Wise Choice to Ultrafast Pipeline



High Speed

Match all FTTx Scenarios
Popularize 100M to 1G



Wide Coverage

High Splitter Ratio
Cover long distance



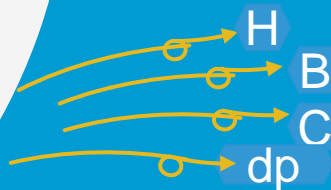
Future Proof

Compatible with existing
network & smooth migration

On-Demand Deployment Brings Better TTM & ROI

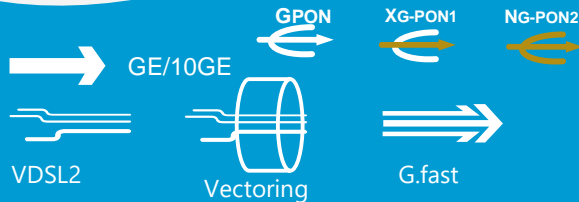


On-Demand Construction



- Adopt integrated fiber and copper solutions including FTTH, FTTC, FTTB, FTTdp to provide services in a suitable and efficient way.

On-Demand Technology



- Adopt suitable fiber and copper access technologies including GPON, XGPON, NG-PON2, GE/10GE, VDSL2, vectoring or G.fast to get a better ROI.

Simple & Smart Ensure Network With High Efficiency

Any To One

Big Broadband

One To Any



Self-operated services



Internet services



Virtual operation

Simple

Smart



Public customer



Government and
enterprise



Mobile backhaul

unified services platform

unified pipe line

unified access platform



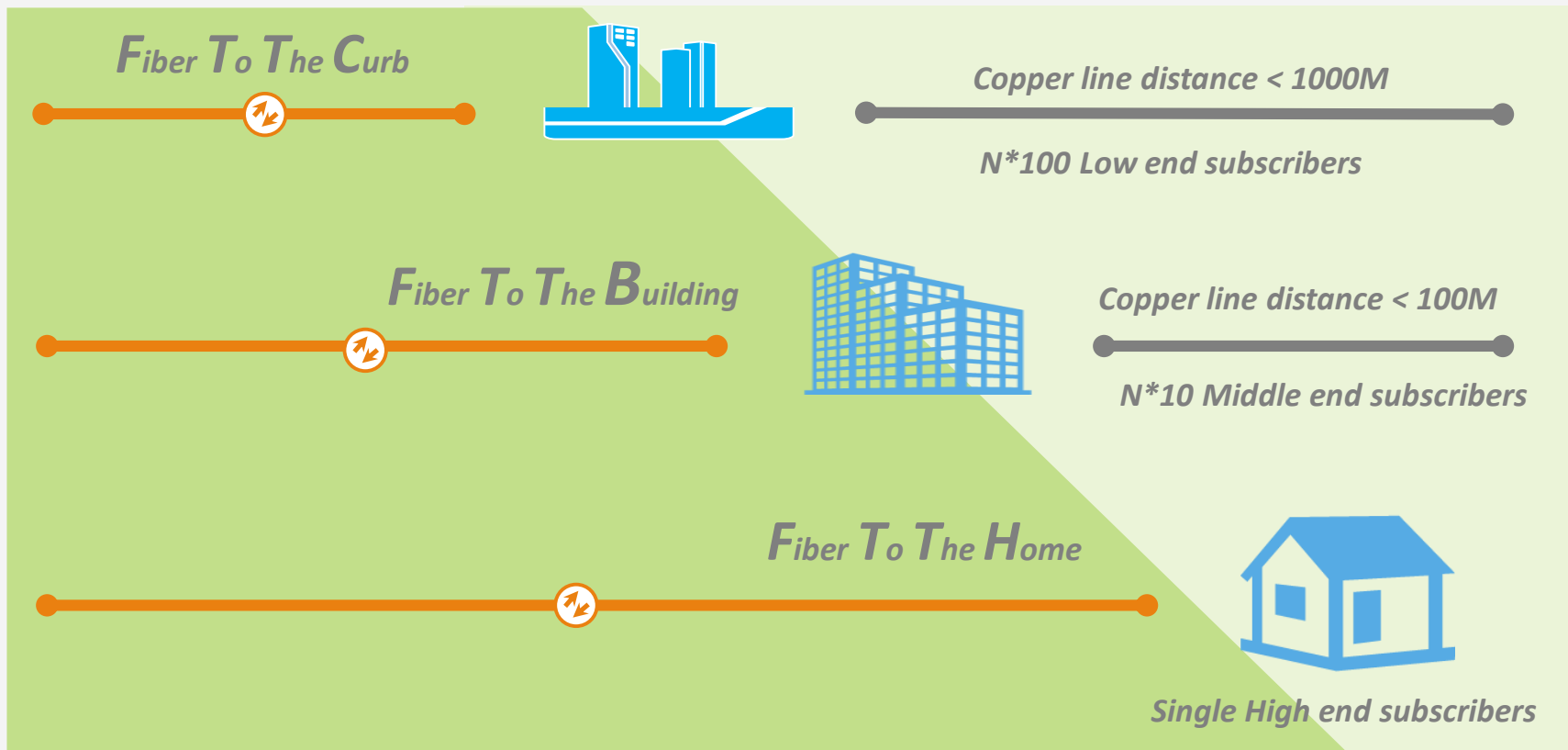
TOPIC **1**

FTTX

TOPIC **2**

G.Fast

Major Deployment Modes of FTTx



PON Technology Migration Route



1G/2.5G

EPON

- IEEE 802.3ah
- (2004.6)

10G

10G-EPON

- IEEE 802.3av
- (2009.9)

N*10G

NG-EPON2

- Standard on the way



GPON

- ITU-T G.984
- (2006.12)

**XG-PON1
(10G GPON)**

- ITU-T G.987/G.988
- (2010.10)

NG-PON2

- TWDM PON
- Standard on the way



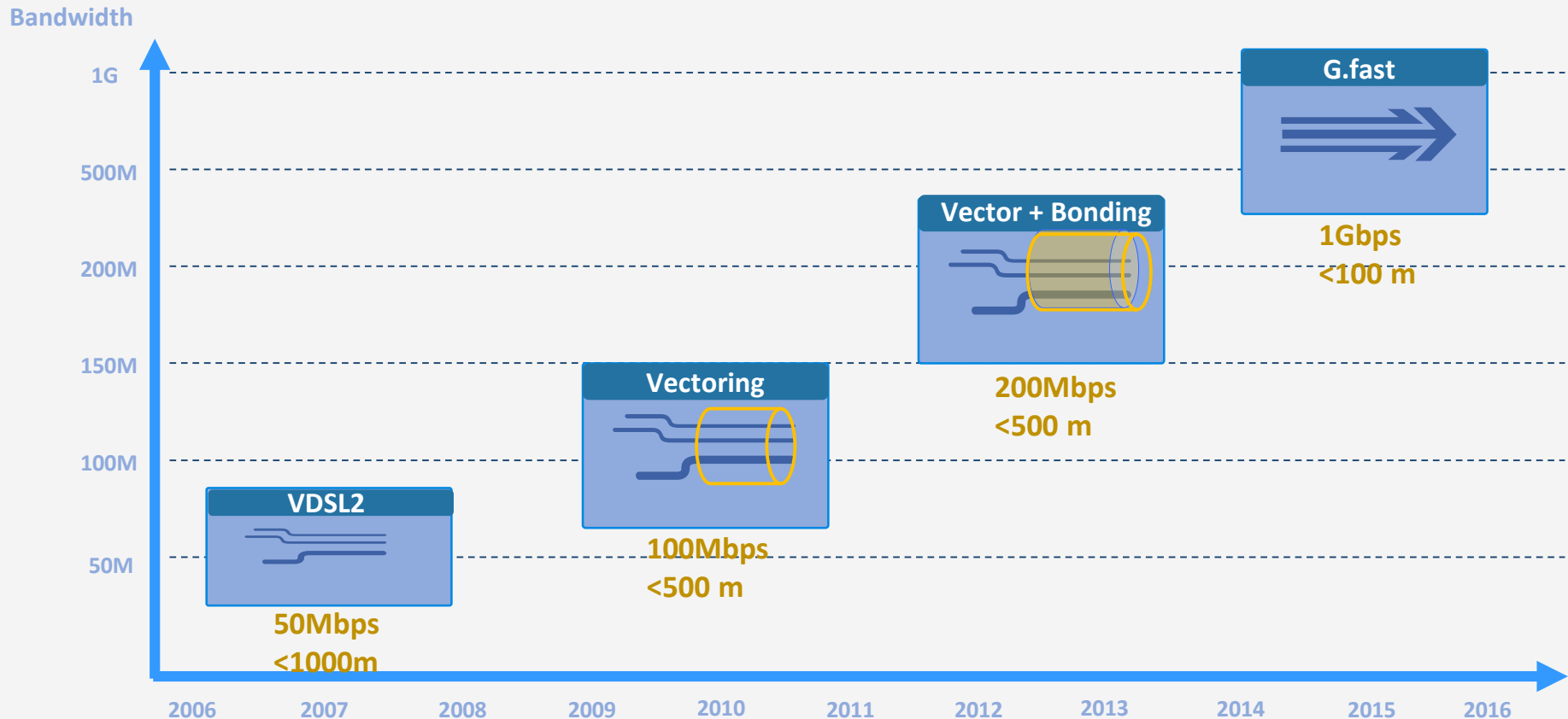
TOPIC 1

FTTX

TOPIC **2**

G.Fast

Copper Technology Evolution Route



ZTE FTTdp@ G.Fast is Not Only Fast

High Bandwidth

- High bandwidth based on copper line.
- 300M-1G bandwidth within 200m.

Cost Effective

- Reuses the existing infrastructure, including copper, pipes, and distributors.
- Easy installation, easy maintenance, low OpEx.

Short TTM

- No extra engineering work.
- Service delivery fully based on existing infrastructure.

Thank you



Tomorrow never waits

