



# Expectation for 5G in Tokyo 2020

25 May 2017

Junya Inoue

Senior Director of ICT Solutions  
The Tokyo Organising Committee of the Olympic and Paralympic Games



## 第32回オリンピック競技大会 (2020/東京)

Games of the XXXII Olympiad

24 July – 9 August 2020

Number of Sports : 33



## 東京2020パラリンピック競技大会

Tokyo 2020 Paralympic Games

25 August – 6 September 2020

Number of Sports : 22

## Sport has the power to change the world and our future.

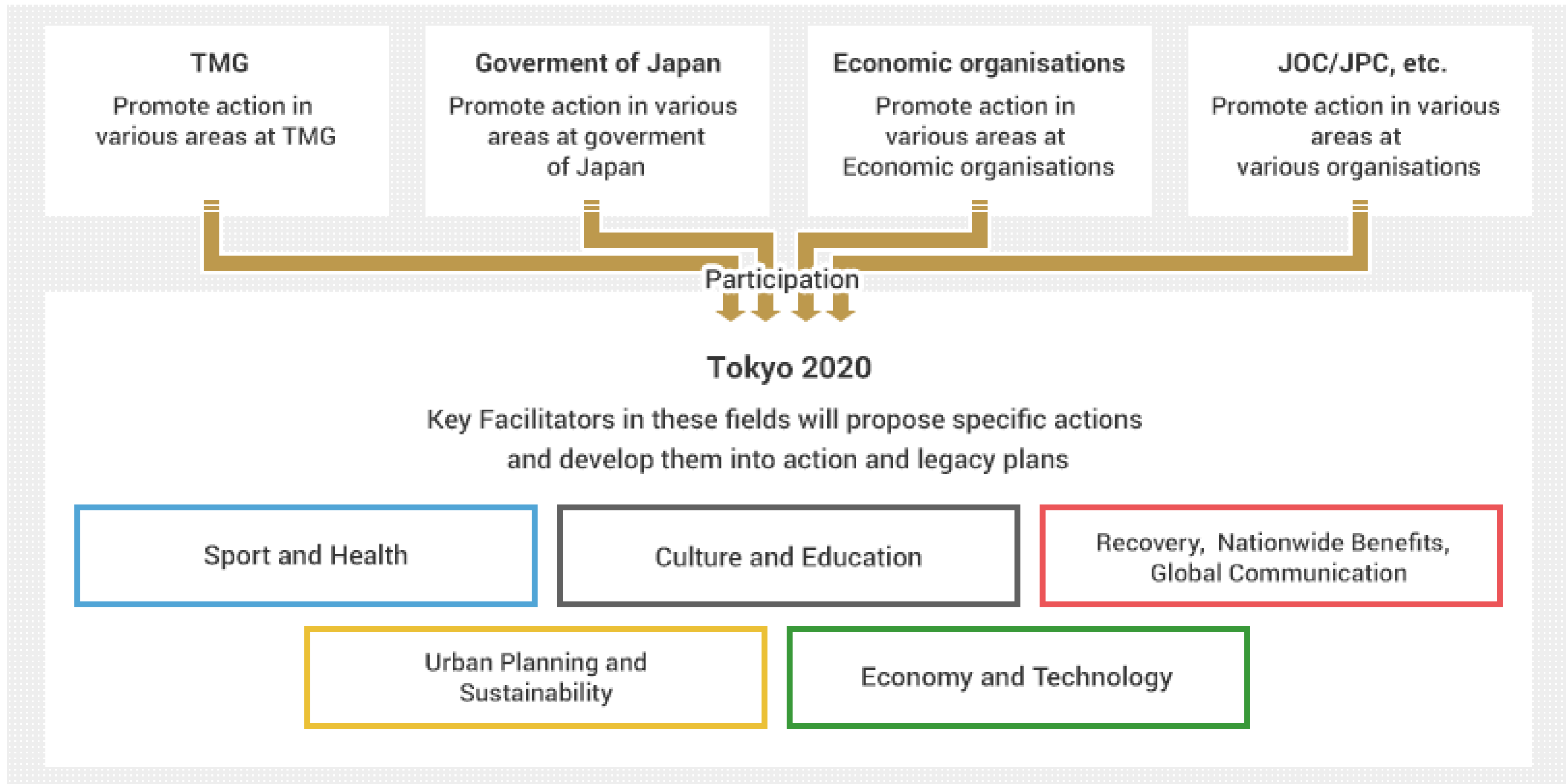
The Tokyo 1964 Games completely transformed Japan.

The Tokyo 2020 Games, as the most innovative in history,  
will bring positive reform to the world by building on three core concepts:

'Striving for your personal best (Achieving Personal Best)'

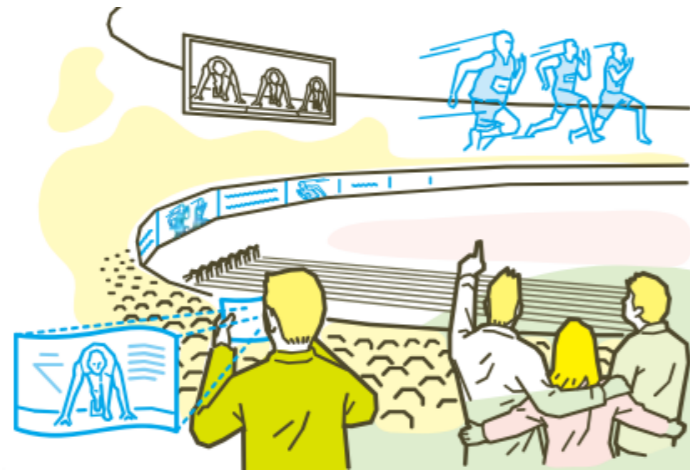
'Accepting one another (Unity in Diversity)'

'Passing on Legacy for the future (Connecting to Tomorrow)'.



## 1. Share of Excitement

Sharing Excitement of the Games  
by Utilising Cutting Edge Technology



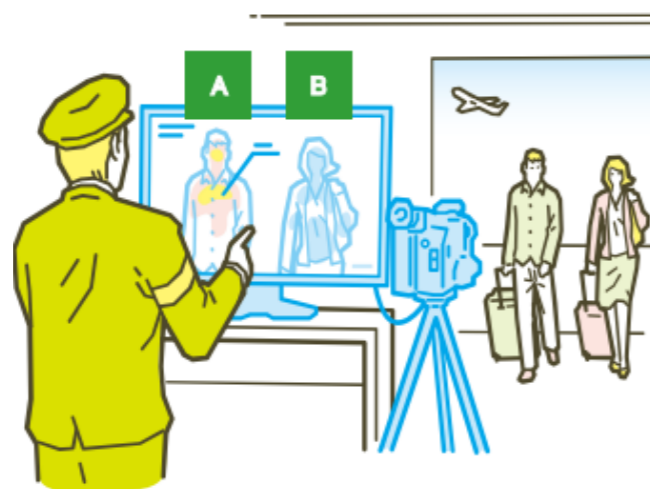
## 2. For All

Accessible Society for All



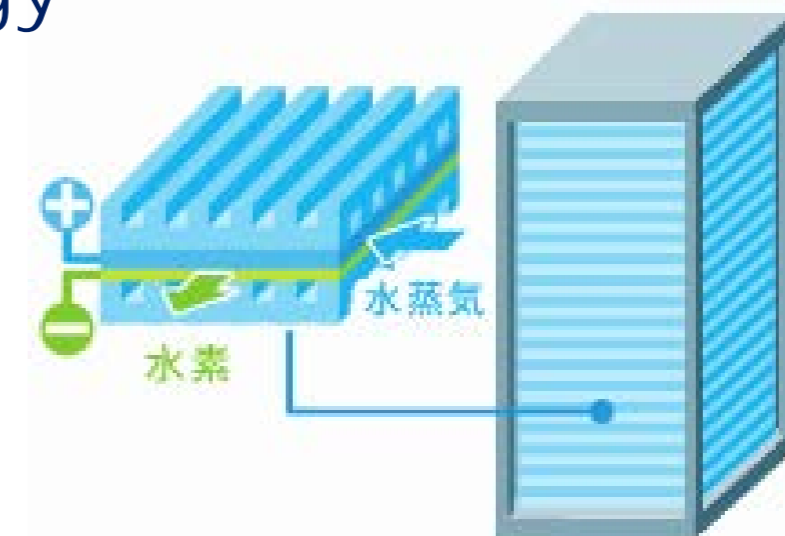
## 3. Reliable and Highly-Qualified Safety

Cooperation of Public and Private  
Sectors to be responsible for Safety



## 4. Hydrogen Economy

Promotion of Environment-Friendly  
Technology



## Ceremonies

- ✓ Projection Mapping
- ✓ Robot

## Broadcast

- ✓ VR
- ✓ 8K Super Hi-Vision

## SNS

- ✓ 15 millions of fans for Facebook pages



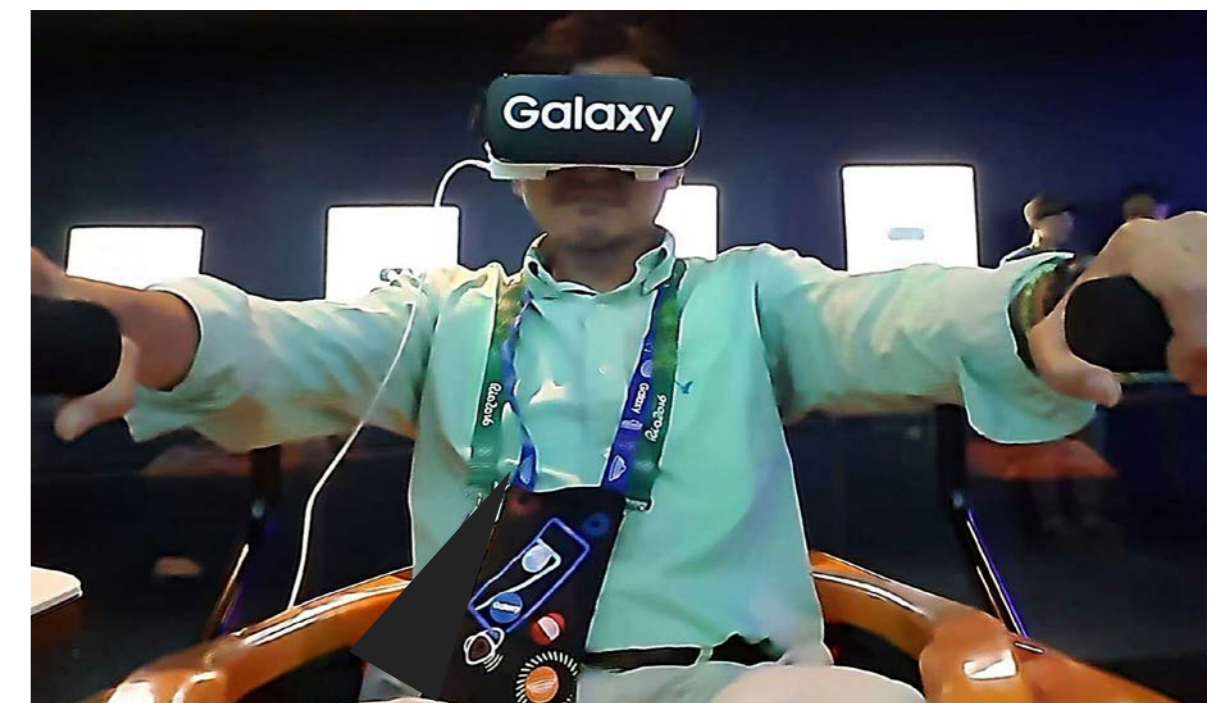
### Panasonic

Projection Mapping in Ceremonies



### TOYOTA

Robots in the Handover Ceremony of Olympic Games

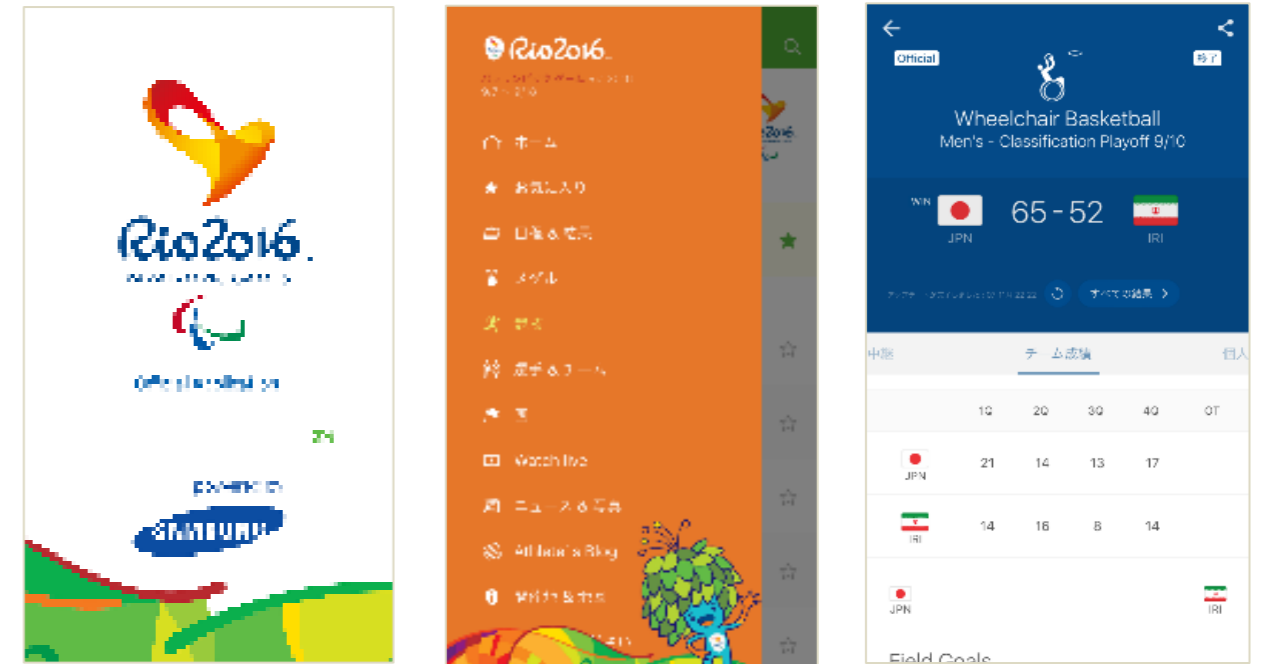


### Samsung

kayaking VR experience in the Samsung Galaxy Studio

## Rio 2016 Mobile App

- ✓ Schedule & Results, Medals, Sports, Athletes & Teams, Countries, News & Photos, Venues & Maps, etc.

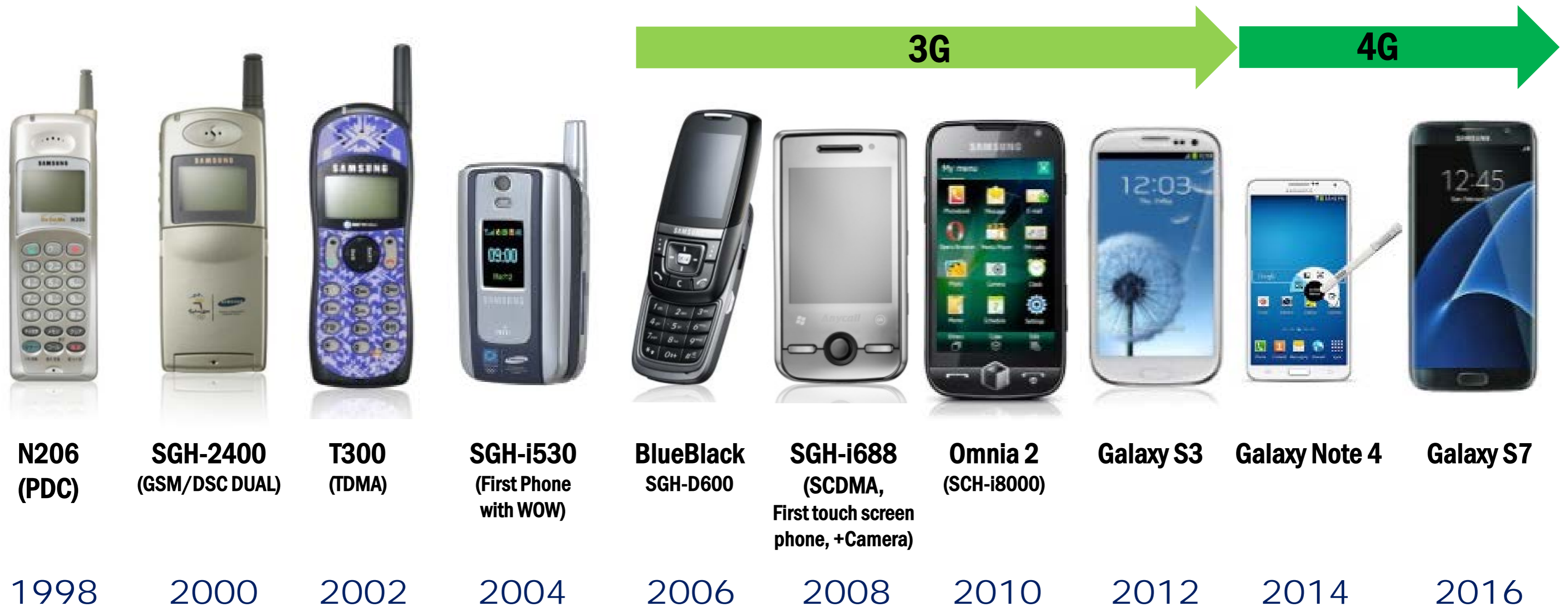


## SNS

- ✓ Staffs used SNS tools such as “WhatsApp”

# History of Samsung phones for Olympics

TOKYO 2020



History of Samsung phones that were released for each Games time from Nagano 1998 Olympics to Rio 2016 Olympics



August 5<sup>th</sup> – September 18<sup>th</sup>

**2.1 B** Backbone Traffic

**700** TB of Internet Traffic

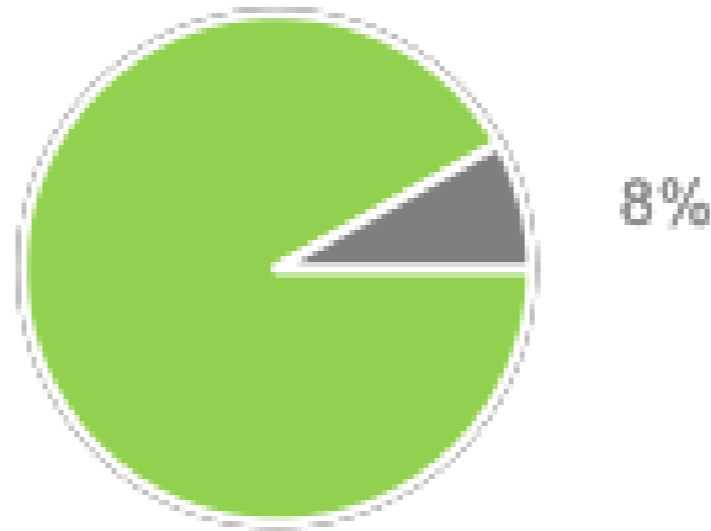
**171** TB of Wi-Fi Traffic

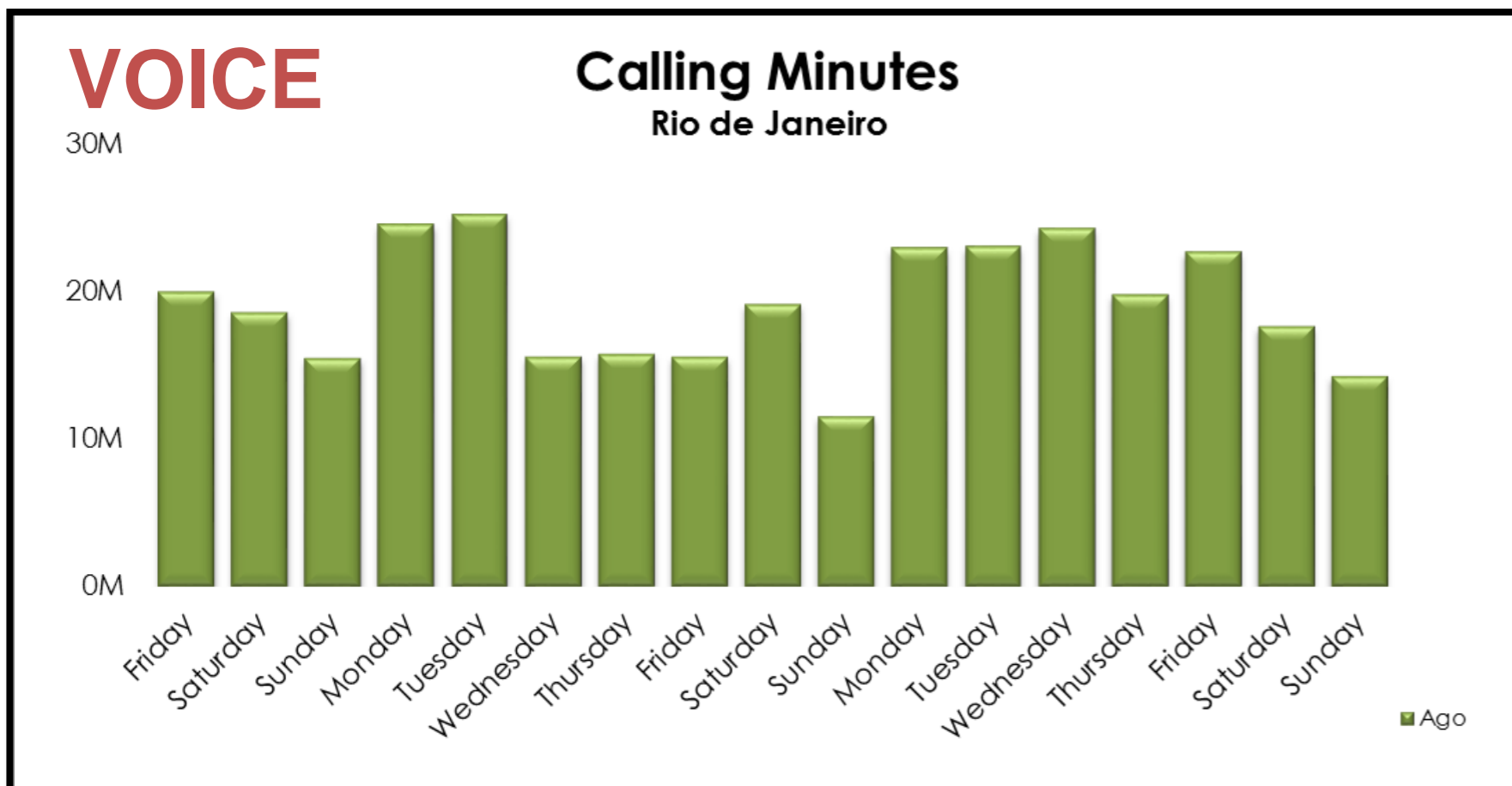
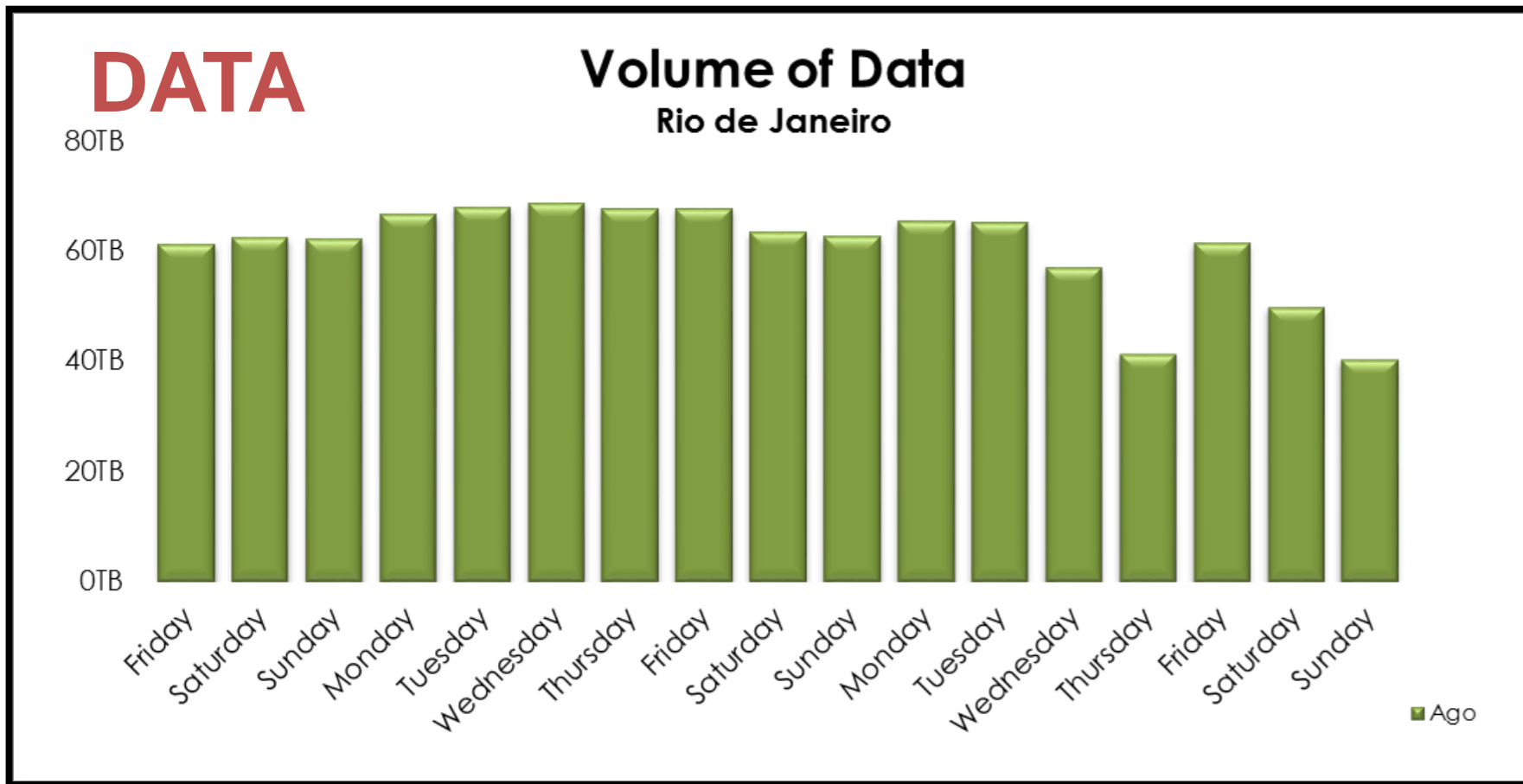
**1.3 B** Security Events

**183,044** Total Unique Devices

**168,158** Wireless Devices

**14,886** 92% Wired Devices





**Total:**

**1,033 TB**

**+**

**325 million minutes**

**+**

**1.7 million of connected devices per day (along 17 days)**

## 5G features

Super Wide Bandwidth

Ultra Low Latency

Supporting Vast Number of  
Devices

## Service Values

High-Presence

Immediacy  
Fast-Response

Considerations for All

## Legacy

Share of  
Excitement

For All

Safety



**TOKYO 2020**



**TOKYO 2020**

**PARALYMPIC GAMES**

