



TOKYO 2020
Olympic rings



TOKYO 2020
Paralympic games

Expectation for 5G in Tokyo 2020

25 May 2017

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The Tokyo Organising Committee of the Olympic and Paralympic Games

Tokyo 2020 Overview Outline

TOKYO 2020



TOKYO 2020




TOKYO 2020
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:

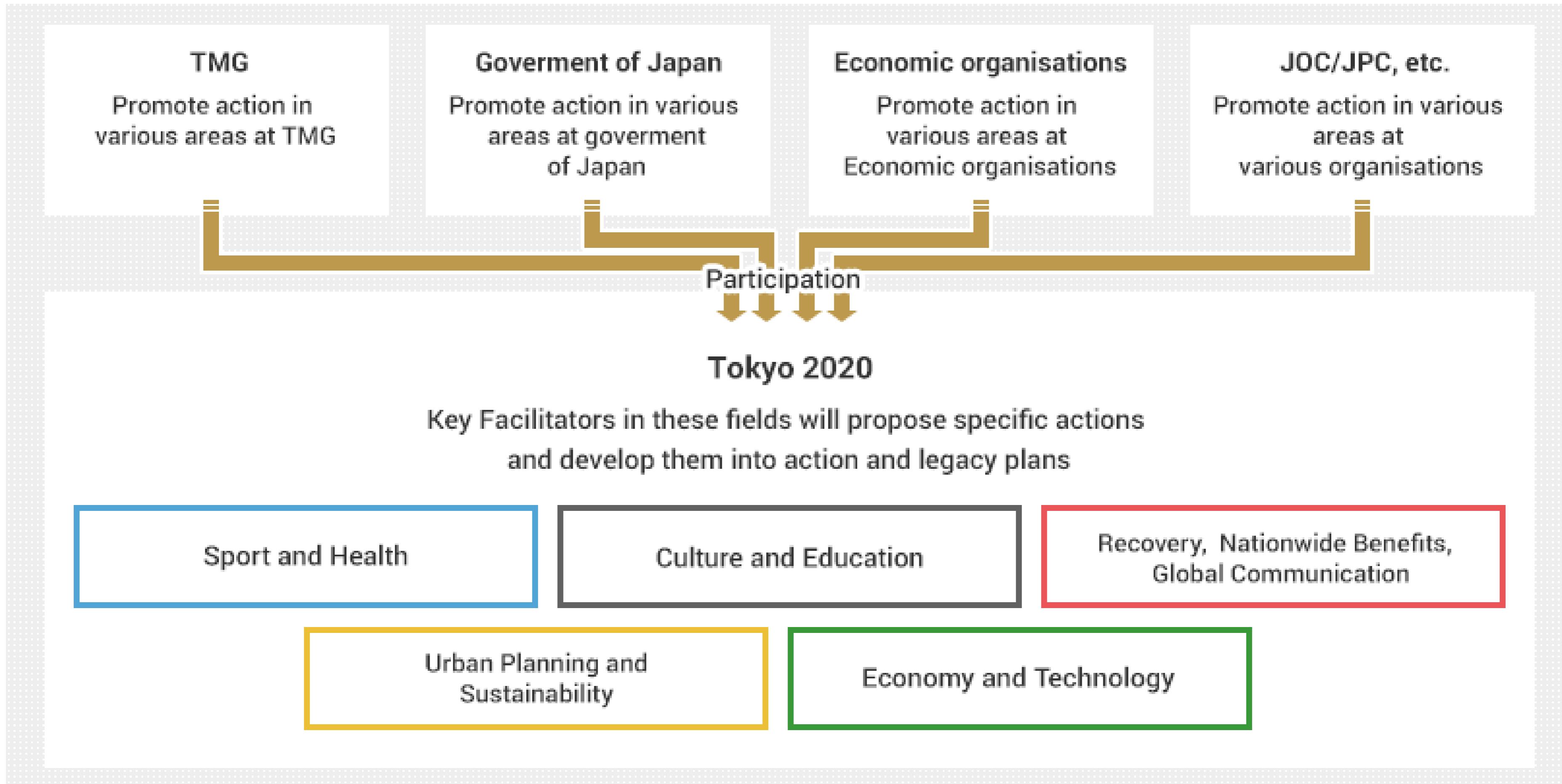
'Striving for your personal best (Achieving Personal Best)'

'Accepting one another (Unity in Diversity)'

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

Tokyo 2020 Action and Legacy Plan

TOKYO 2020

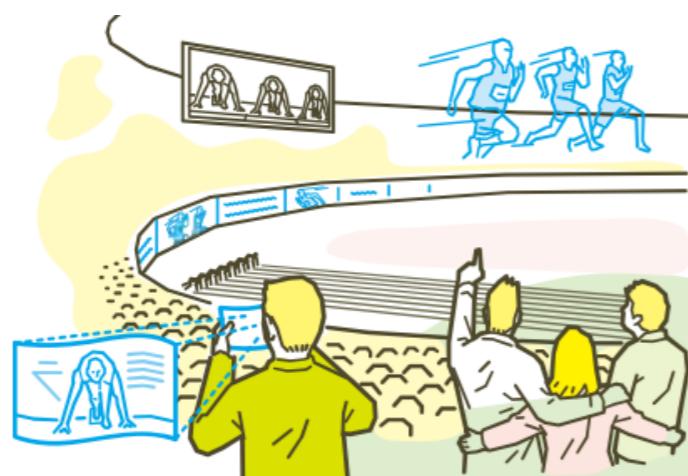


Tokyo 2020 Legacy in Technology

TOKYO 2020

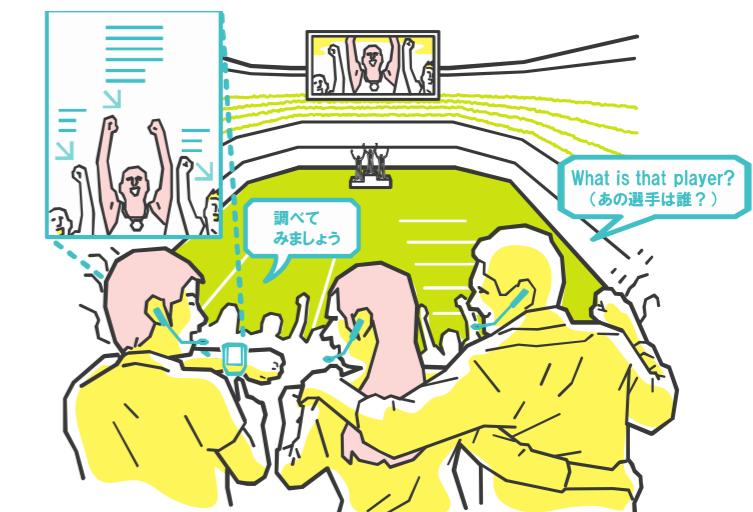
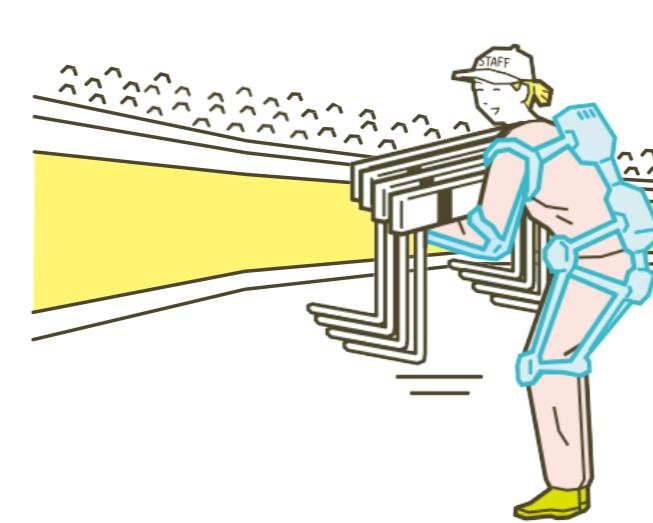
1. Share of Excitement

Sharing Excitement of the Games
by Utilising Cutting Edge Technology



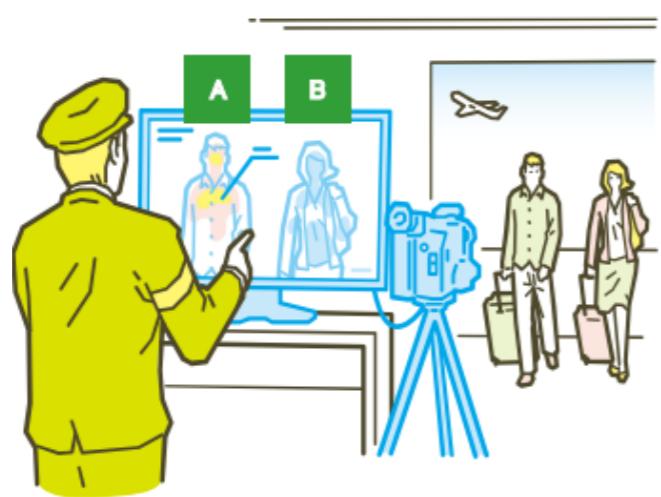
2. For All

Accessible Society for All



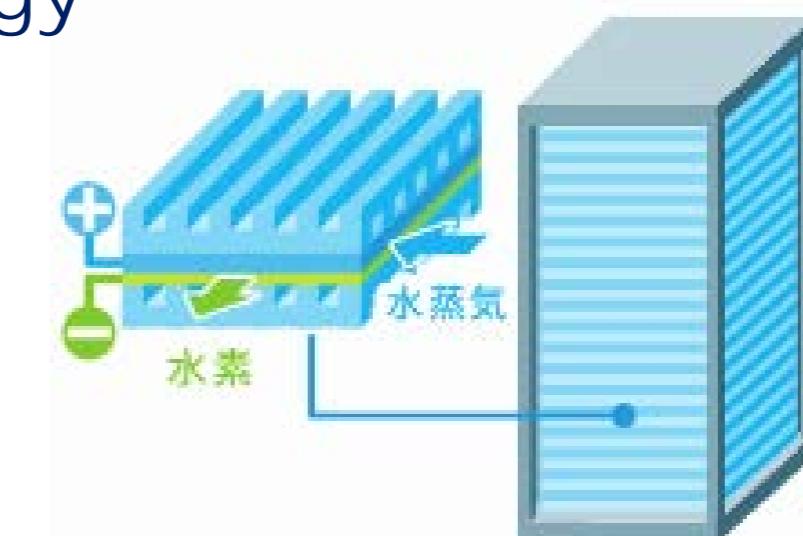
3. Reliable and Highly-Qualified Safety

Cooperation of Public and Private
Sectors to be responsible for Safety



4. Hydrogen Economy

Promotion of Environment-Friendly
Technology



Technology in Rio 2016

TOKYO 2020

Ceremonies

- ✓ Projection Mapping
- ✓ Robot



Panasonic

Projection Mapping in Ceremonies



TOYOTA

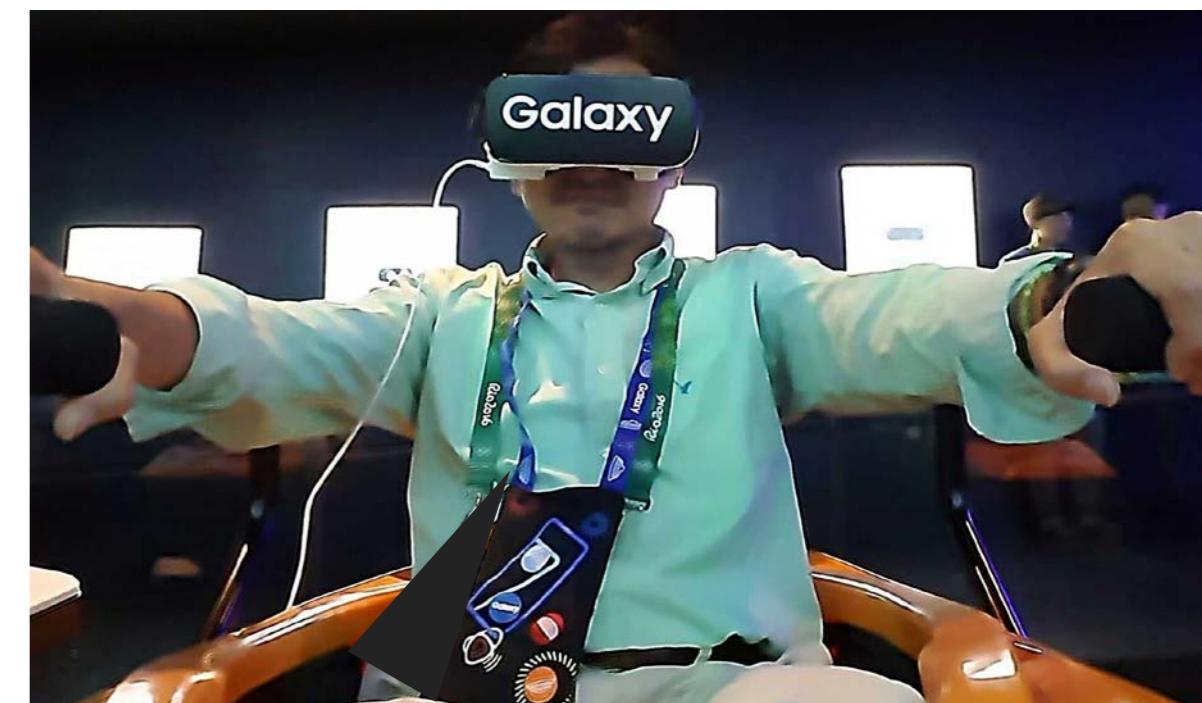
Robots in the Handover Ceremony of Olympic Games

Broadcast

- ✓ VR
- ✓ 8K Super Hi-Vision

SNS

- ✓ 15 millions of fans for Facebook pages

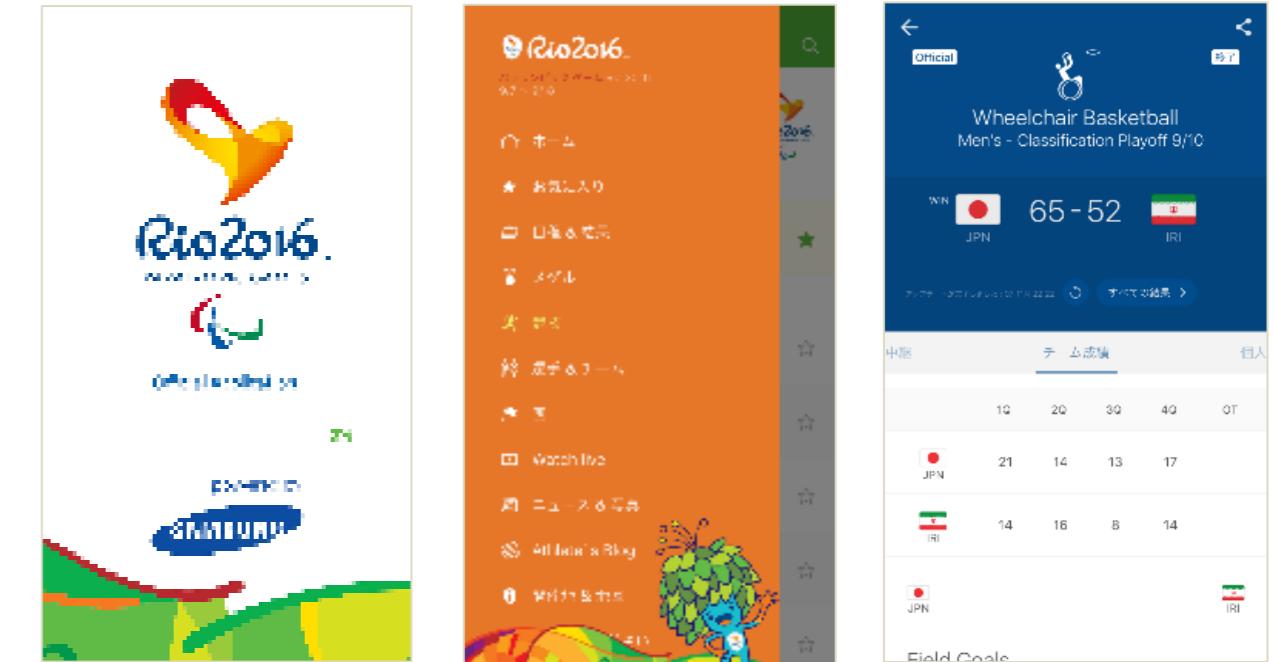


Samsung

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



N206 (PDC)	SGH-2400 (GSM/DSC DUAL)	T300 (TDMA)	SGH-i530 (First Phone with WOW)	BlueBlack SGH-D600	SGH-i688 (SCDMA, First touch screen phone, +Camera)	Omnia 2 (SCH-i8000)	Galaxy S3	Galaxy Note 4	Galaxy S7
1998	2000	2002	2004	2006	2008	2010	2012	2014	2016

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

Games Time Network Statistics

TOKYO 2020

August 5th – September 18th

2.1 PB
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

Wired Devices

92%
8%

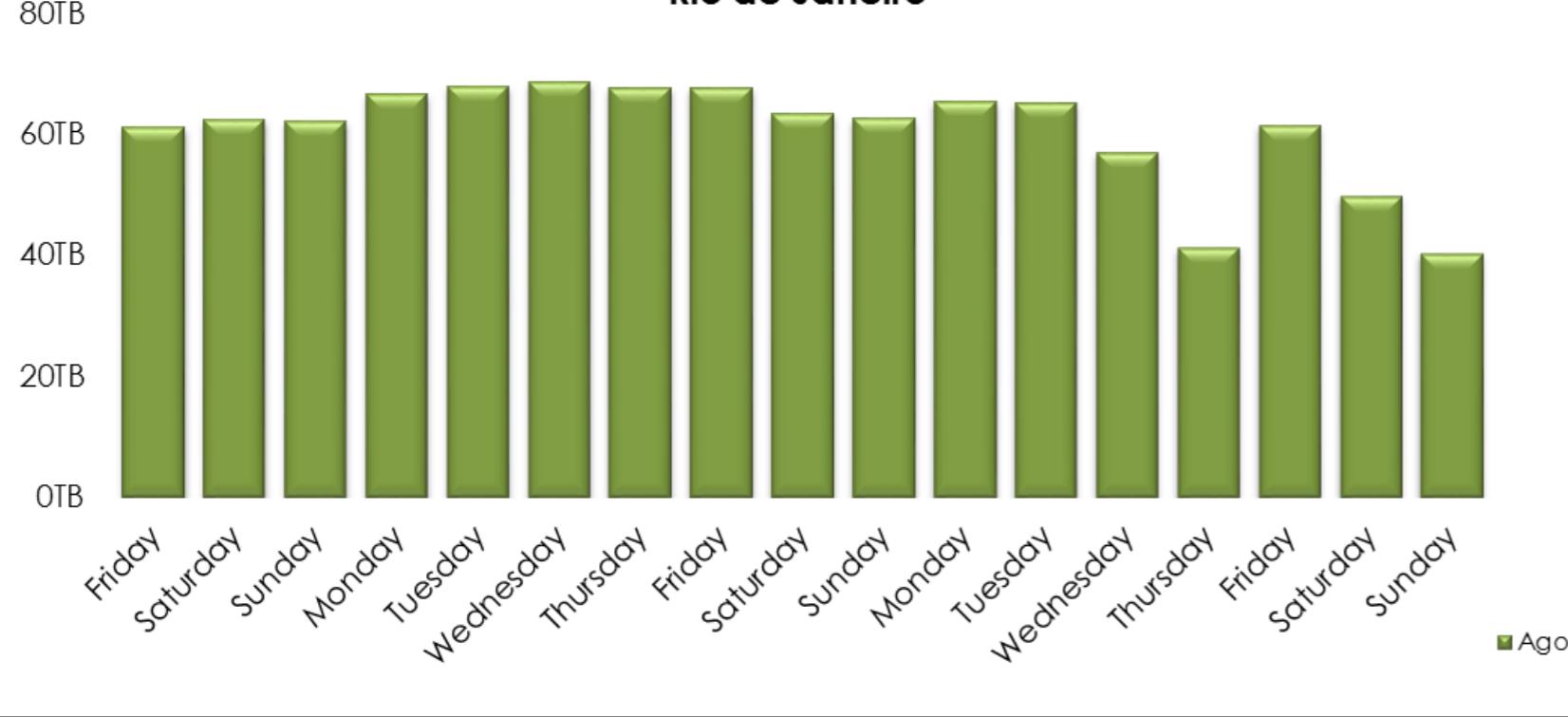


MOBILE SERVICE – RIO DE JANEIRO CITY IN NUMBERS

TOKYO 2020

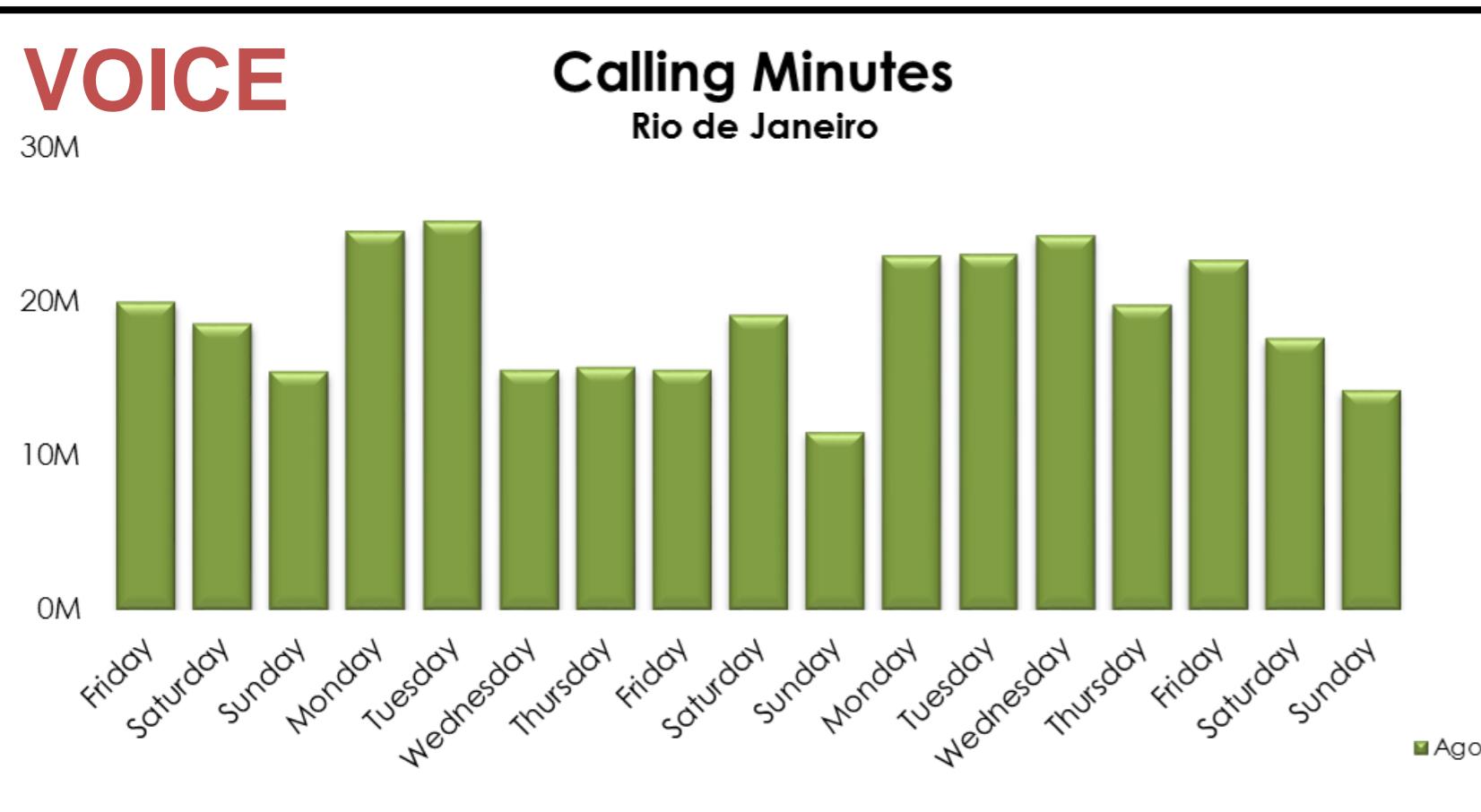
DATA

Volume of Data
Rio de Janeiro



VOICE

Calling Minutes
Rio de Janeiro



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



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PARALYMPIC GAMES

