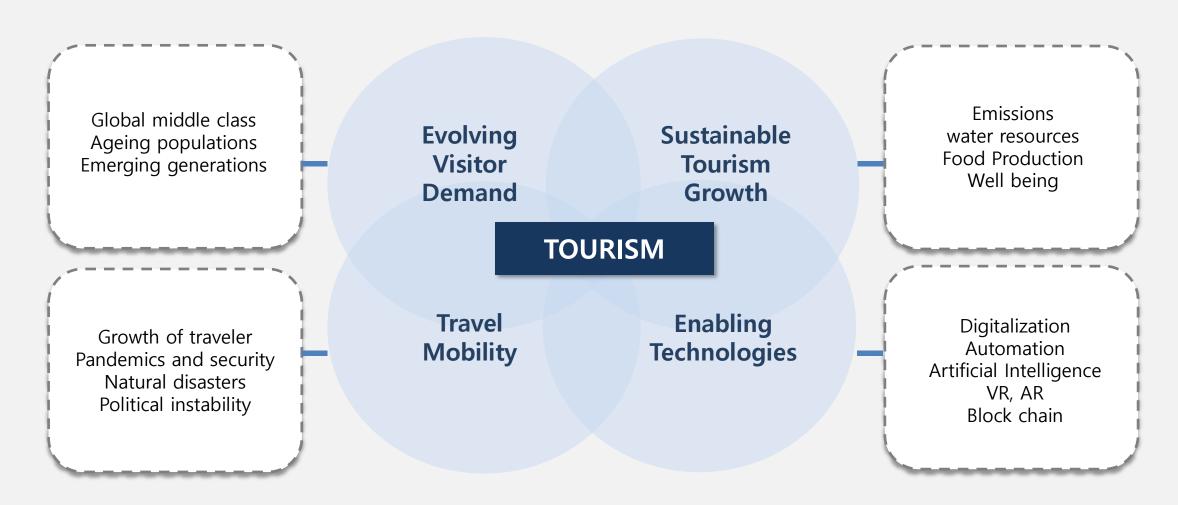


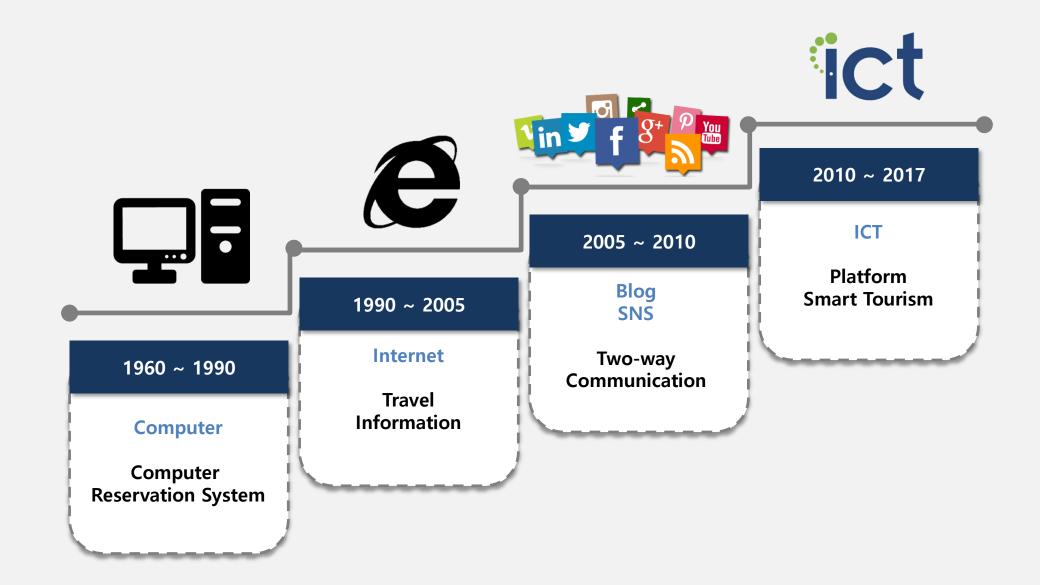
# Megatrends Shaping the Future of Tourism



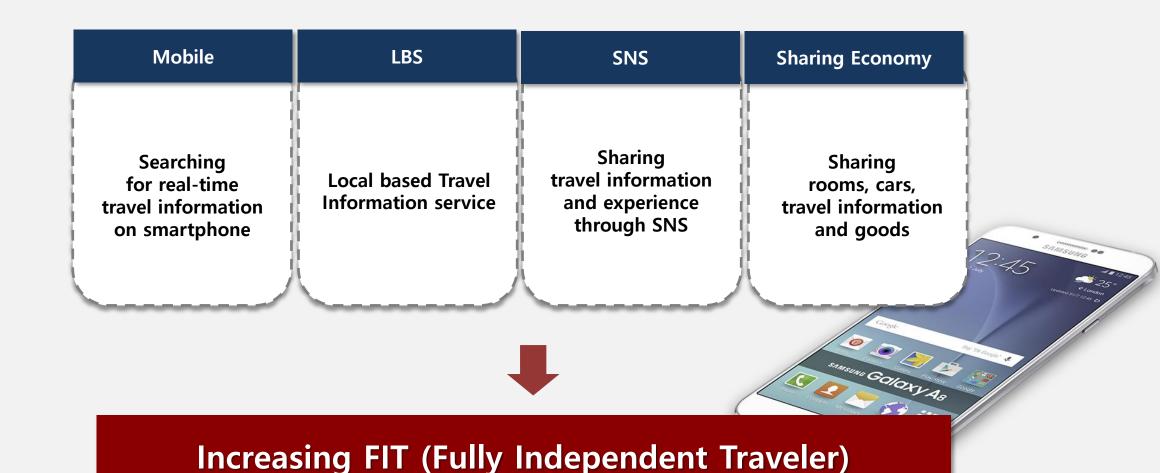
Source : www.oecd.org/cfe/tourism

http://stats.oecd.org/

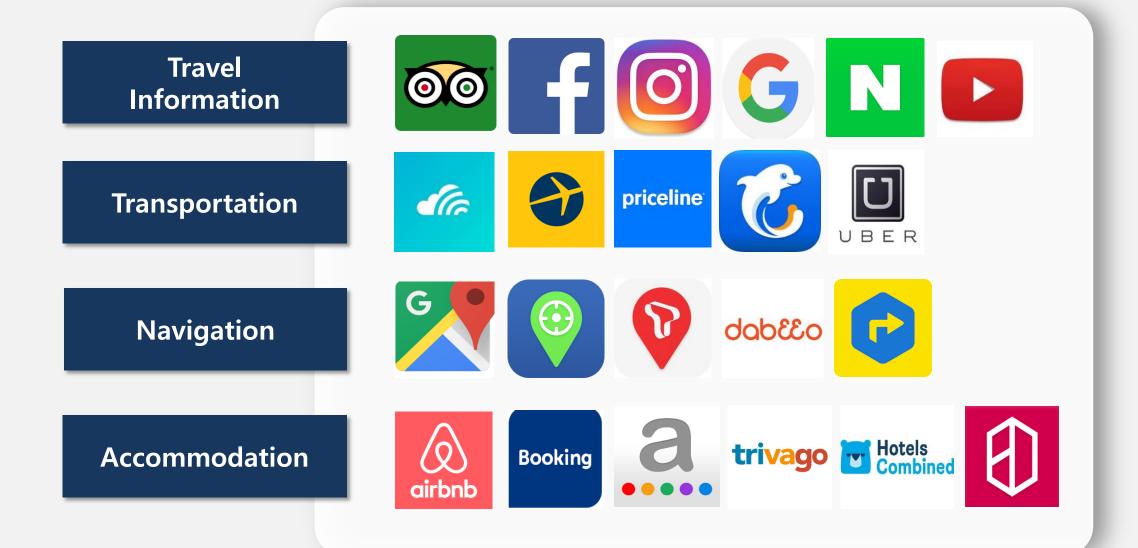
# **Technology Evolution & Tourism**



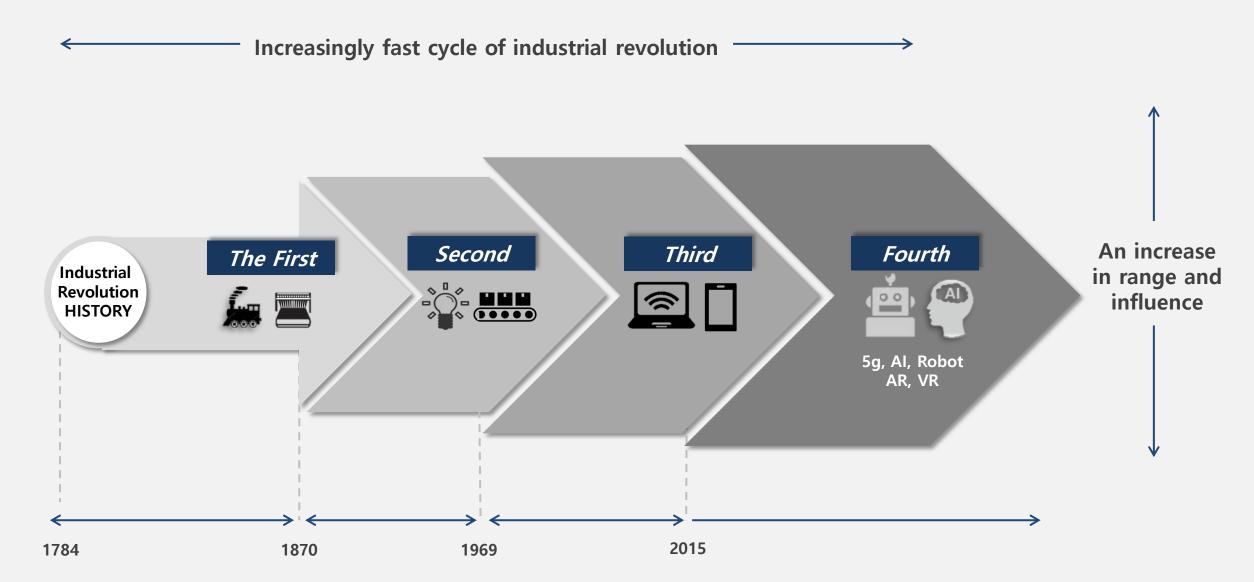
# ICT & Sharing Economy Change Travel Behavior



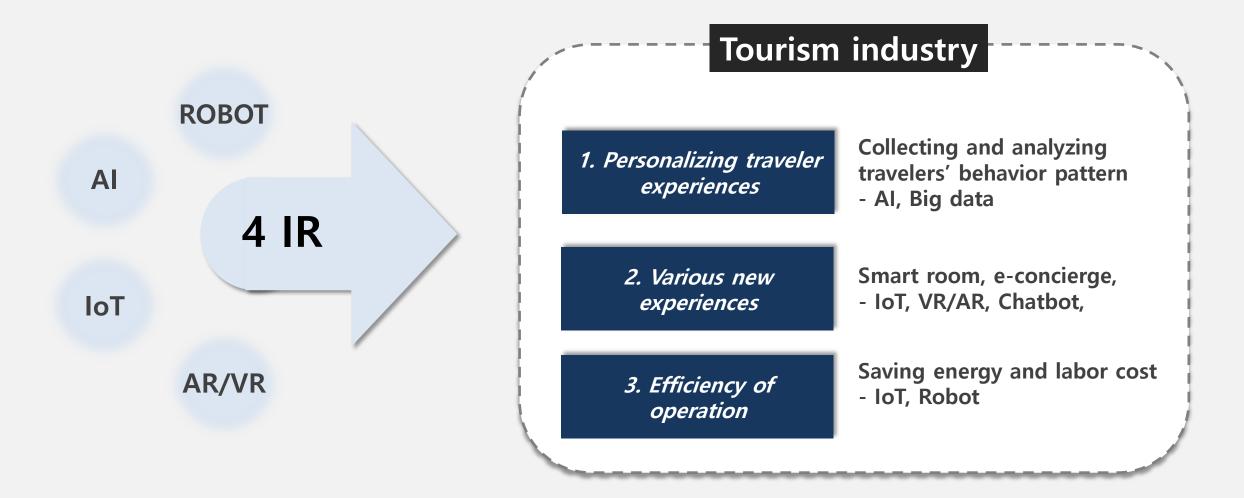
### **Online Platform for FIT**



## **Industrial Revolution History**



# 4 IR (4th Industrial Revolution) and Tourism Industry



Case 1

IoT/AR

"Palace in my hand" series by the Cultural Heritage Administration





Virtual interactions with historical heritage and historical figures will enhance visitor's experience



Case2

loT

#### **Smart box based on IoT**

IoT is integrated into the ordinary storage box. Assignment and password setting by smartphone. It can be used as a storage box for travelers.





Case 3

**AI ROBOT** 

#### **Smart Robot**

Supports translation services in eight languages including Korean, English, Chinese, Japanese, Spanish, French, Russian and German



**Smart Service Robot in San-Jose Airport** 



Al Translation Robot in PyeongChang Olympic

Case 4

**ROBOT** 

**Smart Robot – Hotel** 

Deliver more efficient, affordable services





Henn na Hotel, Tokyo

YOTEL, New York

Case 5

loT

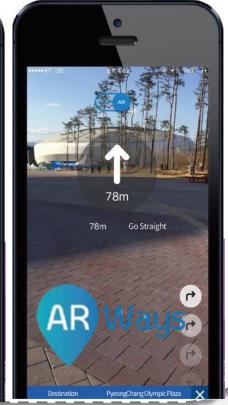
### 'IoT Street' for PyeongChang Olympics

In preparation for the PyeongChang Olympics, Gangneung city creates 'IoT Street'.



- Autonomous driving car (From KTX Gangneung Station to Wolhwadoe Street),
- Digital signage (VR panorama, graffiti board, etc.)
- AR route guidance
- Smart shopping
- Smart parking
- 5 languages service.





Case 6

IoT

### Starfield - COEX Shopping Guide

- Multi-store-based map service
- Welcome message based on geofence & parking guidance
- Welcome feature linked with parking control system
- Splash Ad & tutorial features
- Customer distinction & marketing by scenario







Case 7

VR

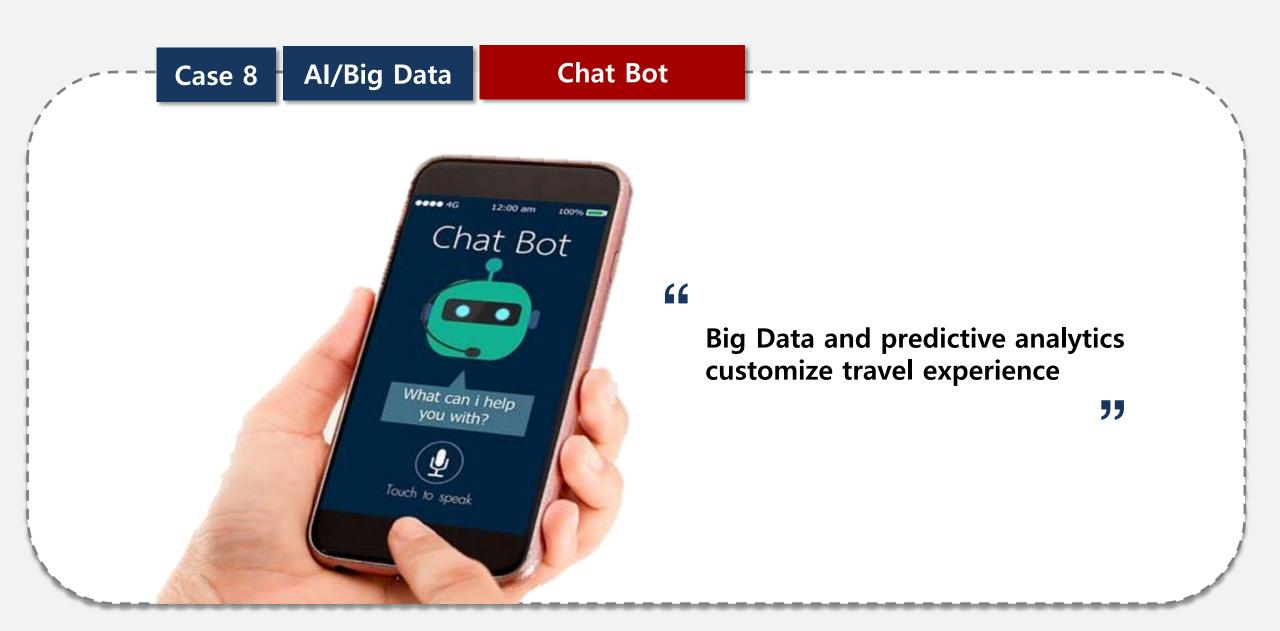
### **Experience new activities and exotic locations**







VR ski Jump in PyeongChang Olympics



# AI-Specific travel analysis engine T-Bot

New technologies may help shaping a more seamless, safe and personalized experiences for travelers.

But, New technologies may displace many workers and also decrease the profit margins of tourism suppliers.

The distinction between work and leisure time will disappear in the future.

-Futurist, Rolf Jensen

Technology has enabled global, constant communication. 'There is no line between work and play.'

-Futurist, Faith Popcorn

Tourism Industry may have great opportunity in future

Technology enhance the connectivity.

People are connected with other people and things.

People can enjoy leisure anytime, anywhere.

