



PPP Investment Opportunities in Busan



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Welcome



Professor Michael Mainelli
Chairman
Z/Yen Group

Today's Programme

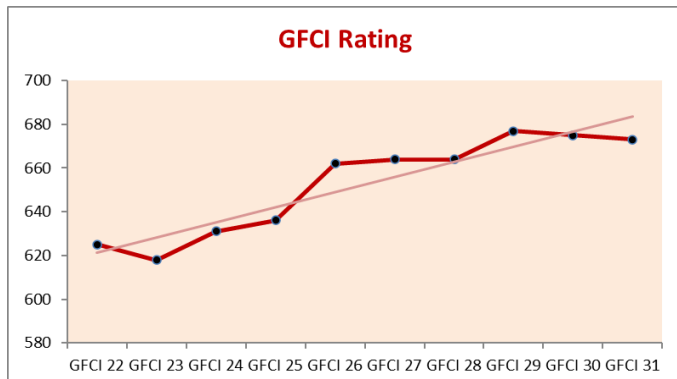
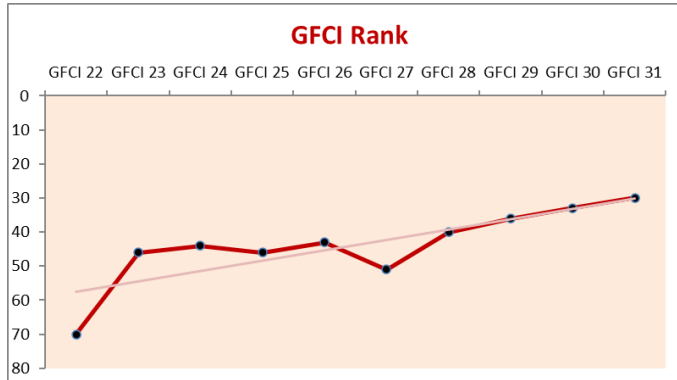
Busan	London	Programme
16:30	08:30	Welcome Professor Michael Mainelli , Chairman, Z/Yen Group
16:31	08:31	Video Presentation – Busan Financial Hub
16:35	08:35	Busan's Development as a Financial Centre Professor Michael Mainelli , Chairman, Z/Yen Group
16:40	08:40	Welcoming Speech Jong-Hwa Kim , President, Busan Finance Center
16:45	08:45	PPP Investment Opportunities In Busan SB Shin , Director Of International Finance Division, Busan Finance Center
17:05	09:05	Questions, Comments & Answers
17:30	09:30	Close

Video Presentation – Busan Financial Hub

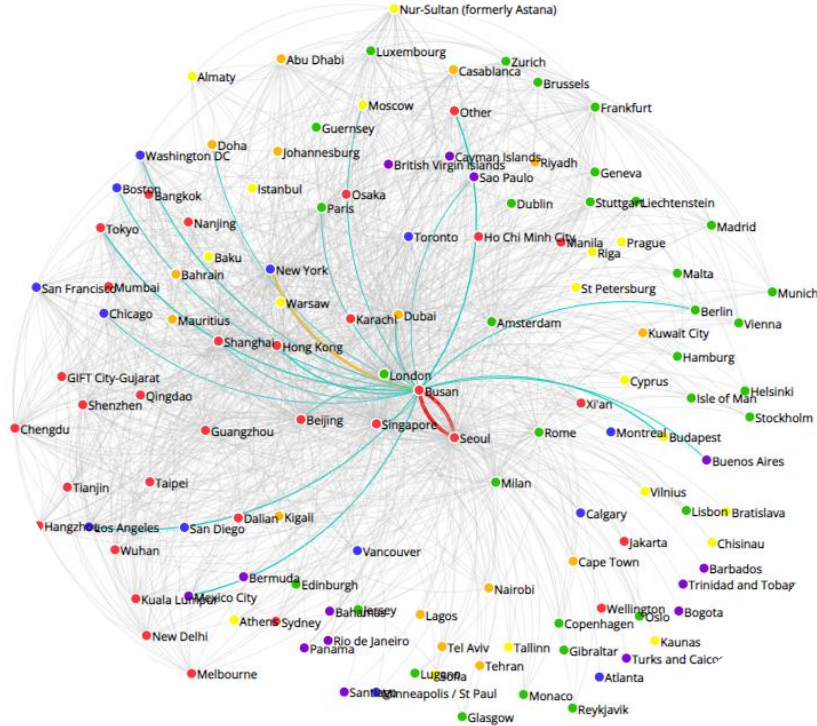
BIFC

BUSAN INTERNATIONAL FINANCE CENTER

Busan's Development As A Financial Centre



- ◆ Busan's recent performance in the Global Financial Centres Index has been a marked success
- ◆ Ranked 30th in the world in GFCI 31 – March 2022
- ◆ Mirrors the development of Busan as a city and region –
 - Industry, including shipbuilding
 - Trading infrastructure and port facilities
 - Headquarters of the Korea Stock Exchange.



- ◆ Well-connected to Asian and US centres and to London
- ◆ Strengths in human capital and financial sector development





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Welcoming Speech



Jong-Hwa Kim
President
Busan Finance Center

PPP Investment Opportunities In Busan



SB Shin
Director Of International Finance Division
Busan Finance Center



PPP Investment Opportunities in Busan

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- 1-3. Efforts to host World EXPO 2030



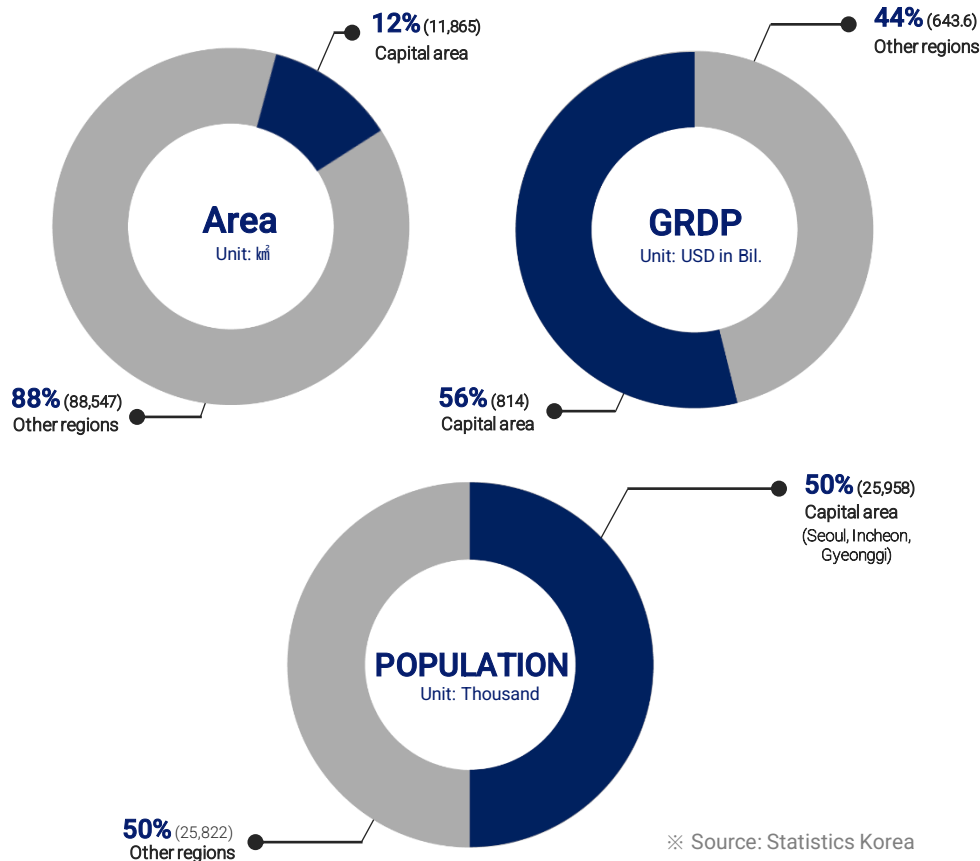
02 Investment Opportunities in Busan

- 2-1. Gadeok New Airport
- 2-2. 2nd New Port
- 2-3. Integrated LNG Hub Terminal Projects at New Port
- 2-4. City Railway Network, Expressways, Bridges, and Tunnels
- 2-5. North-Port Redevelopment



03 Take-home Message

1-1 | Background



• Background

- Overpopulated in Seoul & adjacent capital areas
 - * 50% of total population reside in these areas
- Excessively high GRDP from Seoul & adjacent areas
 - * While Seoul & adjacent cities take a mere 12% of the total land area, they share 56% of total GRDP (as of Dec. 2020)

• Policy response

- Set national balanced growth as major policy goal and plan to make active efforts

1-2 | Merging 2 city areas & 1 province into Megacity

- **Total population**

- 7,760,000 as of Mar. 2022

- **Objectives**

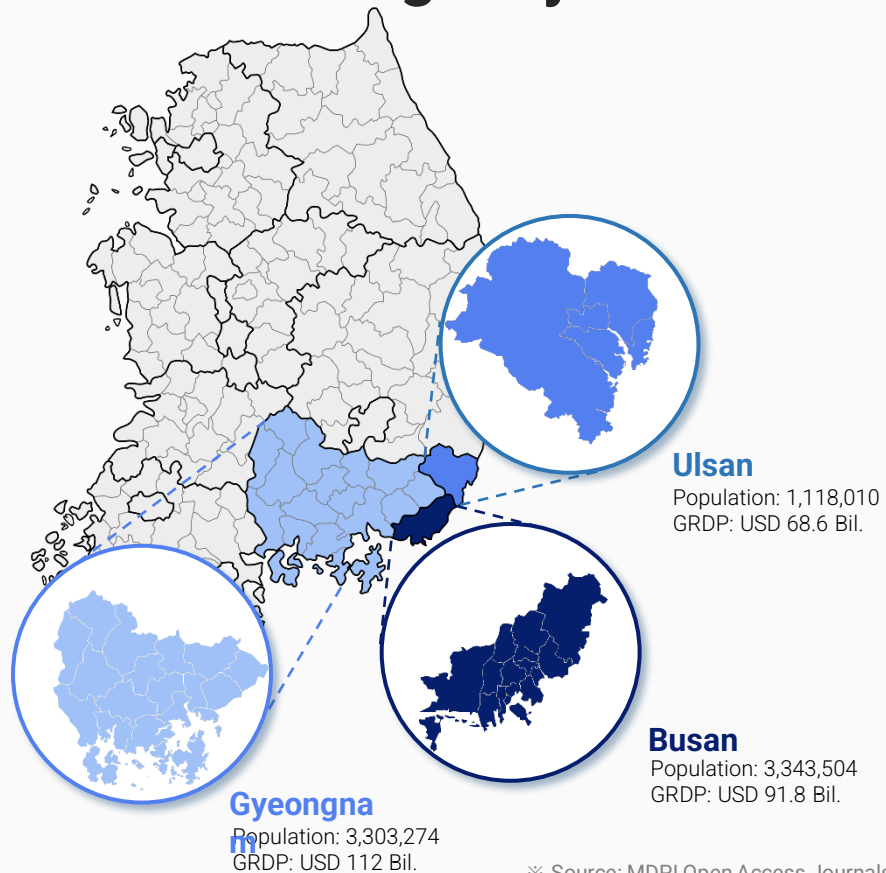
- Promote national balanced growth
 - Create synergy between finance & manufacturing
 - Build 1-hour metropolitan transportation network

- **Progress**

- Established Alliance (Apr. 19, 2022) as special local government
 - Focusing on 6 strategic industries (Auto., shipbuilding, aviation, hydrogen and others)

- **Expected outcomes**

- Higher demands for intercity mass transportation (e.g. Roads, tunnels, railroads) for 1-hour commutable megacity
 - Developing into Financial and Logistics hub



1-3 | Efforts to host World EXPO 2030

- **Event**

- World EXPO 2030 Busan Korea

-

- **Theme**

- Transforming our world, navigating toward a better future

- **Period**

- 2030.5.1 – 10.31

- **Timeline**

- BIE on-site inspection (2023) -> Host city selected (2023) -> Registration (2025) -> Open (2030)

- **Venue**

- Busan North Port

- **Participants**

- Approx. 32 Mil. visitors from 200 states



※ Source: Maeil Business News Korea

2 | Investment opportunities in Busan



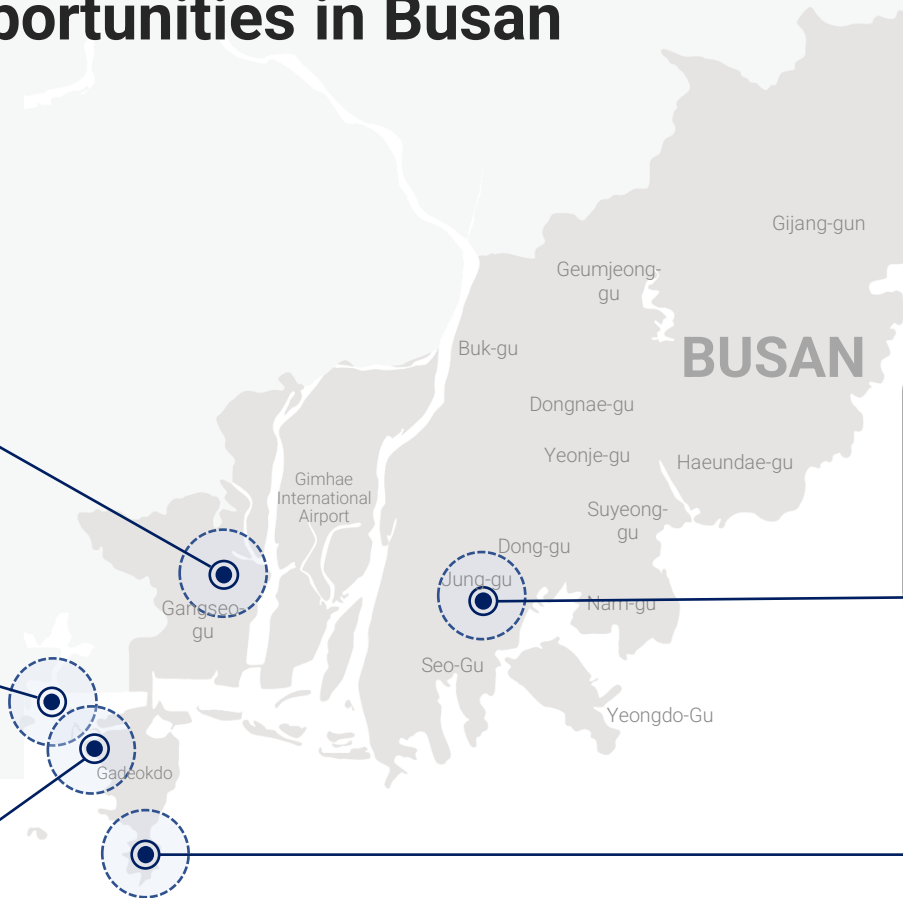
Logistics & Hinterland



2nd New Port



LNG Bunkering



North Port Redevelopment & Expo 2030



New Airport

※ Source: Busan Metropolitan City

2-1 | Gadeok New Airport

- **Location**

- Gadeock-do, Busan

- **Project Scale**

- Airstrip: 3,500 m
- Passenger and cargo terminal

- **Project period**

- 2024 – 2029*
- * Completion year: TBD

- **Purpose**

- Develop as global gateway airport for streamlined logistics

- **Opportunities**

- Maintenance & operation services
- Connection to downtown via bridges, tunnels, roads, railways



※ Source: Joongang Daily

2-2 | 2nd New Port

- **Location**

- Jinhae, Gyeongsangnam-do,
next to current Busan New Port

- **Project Scale**

- 15-berth container terminal
- 2.2 km of breakwater

- **Project period**

- 2023 – 2030

- **Objectives**

- Accommodate increasing demand for shipment

**Developing into Tri-port,
servicing as Global Logistics Hub**



※ Source: (Top) Busan Metropolitan City, (Bottom) Busan-Jinhae Free Economic Zone Authority

2-3 | Integrated LNG Hub Terminal Projects at New Port

- **Location**

- Busan New Port

- **Project Scale**

- 3 LNG storage tanks (27,000 kl)
 - 1 berth for LNG unloading dock
 - 3 berths of LNG bunkering loading dock

- **Project period & expense**

- 2022 – 2031, USD 1.5 Bil.

- **Projects**

- **Ammonia**

- (Samsung Heavy Ind.) 2 VLECs to be delivered by 2025-26

- **Methanol**

- (Hyundai Heavy Ind.) Won order for world's 1st methanol-propelled large container ship

- **Hydrogen**

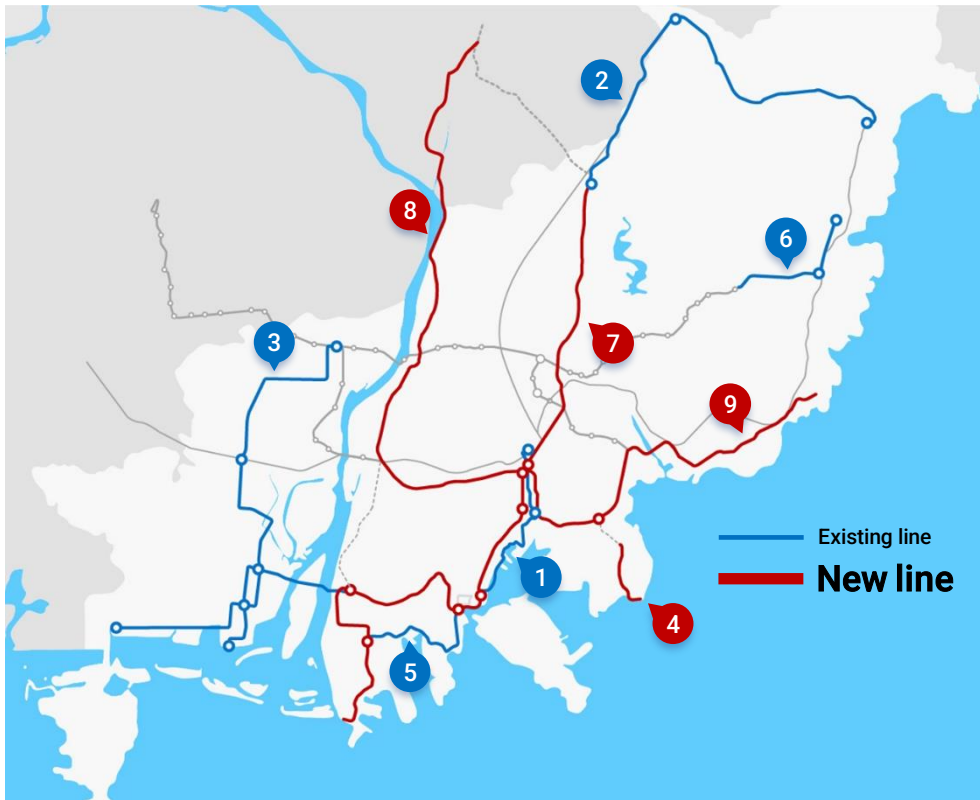
- (DSME) Signed MoU with Korea National Oil Corporation on developing low carbon hydrogen & ammonia & LCO2 carriers



※ Source: Wikipedia

2-4 | City Railway Network, Expressways, Bridges & Tunnels

①



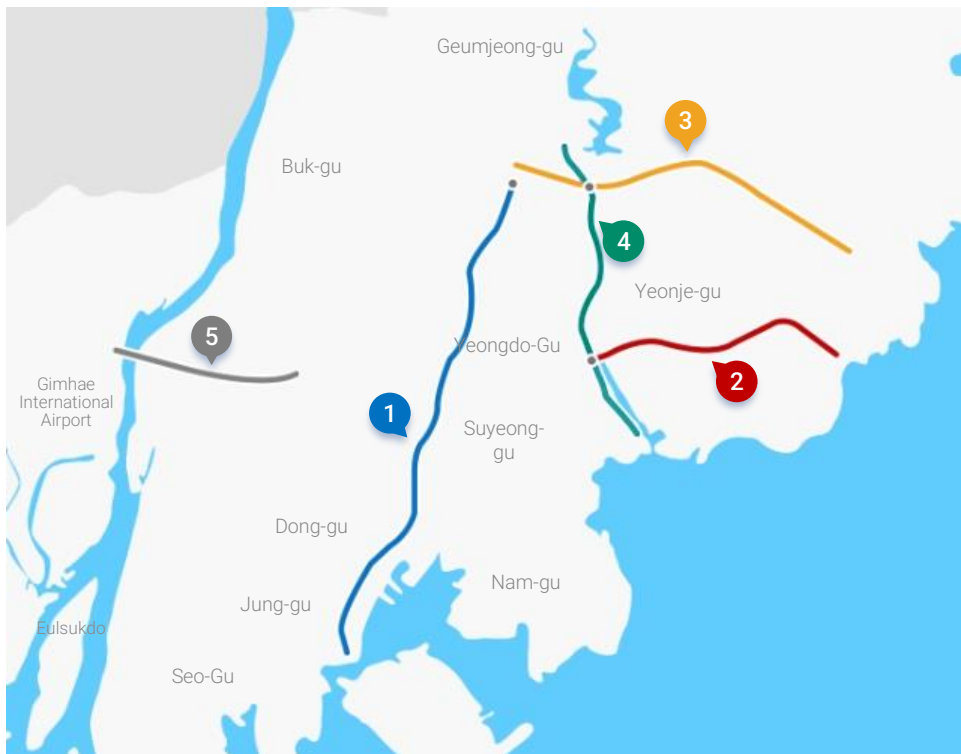
Busan's New Railway Network Projects

- ① C-Bay – Public Park (12.2 km)
- ② Nopoh-Jeongkwan line (22.97 km)
- ③ Gangseo line (21.1 km)
- ④ Oryukdo Islands Extension (3.25 km)
- ⑤ Songdo line (7.72 km)
- ⑥ Gijang line (7.1 km)
- ⑦ Subway No.1 express line (Passing track)
- ⑧ Subway No.2 express line (Passing track)
- ⑨ Osiria line (4.13 km)

➤ Open for private investment

※ Source: Busan Metropolitan City

2-4 | City Railway Network, Expressways, Bridges & Tunnels ②



Expressway & Tunnel Projects

- **PPP projects currently requiring investment**

- **Network projects**

- 1 North Port – Nopo Urban Expressway
- 2 Bansong Tunnel
- 3 2nd Jangsan Tunnel

- **New Tunnels**

- 4 Haeundae Tunnel
- 5 Baekyang Tunnel-2

※ Source: Busan Metropolitan City

2-5 | North Port Redevelopment

- **Location**

- North-Port, Busan

- **Project Scale**

- 1st period : Infrastructure and convenience facilities as an international marine tourism base (153 Mil. m²)
 - 2nd period : Integrated ports, railways, old industrial complexes, and residential areas (228 Mil. m²)

- **Project period**

- 2021 – 2030

- **Project expense**

- 1st period : USD 1.6 Bil.
 - 2nd period : USD 3.25 Bil.

- **Objective**

- Revamp current downtown
 - Build as a mecca of international maritime tourism



※ Source: Busan Metropolitan City

3 | Take-home Message



Step up as
International
Tri-port



Forge
cooperation
for Megacity



World EXPO 2030
BUSAN, KOREA

Successfully host
World Expo 2030
Busan

Large-scale infrastructure projects
planned for global logistics hub,
Megacity, and hosting of the
World Expo 2030 Busan



High needs for
public and private
investment



Join us in our exciting
journey towards New Busan

The background is a dark blue gradient. It features a central image of two hands shaking, symbolizing a partnership or agreement. Overlaid on this and the entire background are various financial and technological motifs: a network of white lines and dots, a candlestick chart on the left, a line graph with an upward arrow on the right, and a grid pattern on the hands.

Thank you

Questions, Comments & Answers





PPP Investment Opportunities in Busan