

FROM KOREA TO THE WORLD : PYEONGTAEK PORT STRATEGY FOR GLOBAL AUTO LOGISTICS - CONNECTING ASIA WITH THE WORLD'S TOP PDI TECHNOLOGY AND THE PORT HINTERLAND INVESTMENT

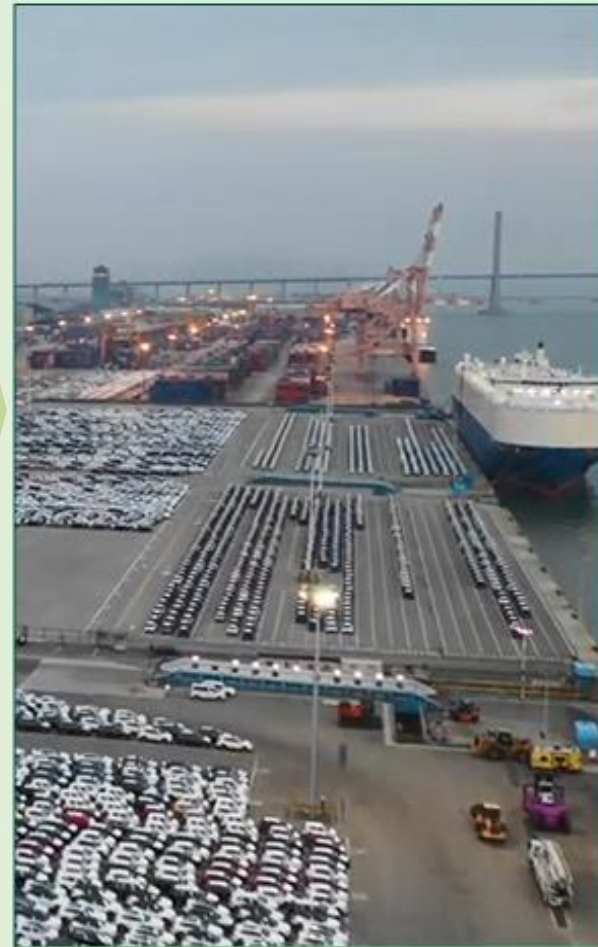


From a small fishing village into a major trade port of Korea

1970 ~ 1990



current



Handling all types cargo : container, liquid, bulks, others



- No. 1 Automobile
- No. 4 Container
- No. 5 Total cargo Volume
- 68 berths

Steel, General cargo,
Liquids, Container,
Sand, Passenger,
Automobile, Cement,
Grain, Slag, Scrap,
Iron Ore, Coal

Backbone of growth : Geographical location, Gyeonggi-do policies



- Gyeonggi Province - Largest Province, largest population
- Nearest port to Seoul and Central regions of Korea
- 63% population and GRDP
- 574 Industrial Complexs
- Port of Korea's leading industries



World-class End to End Automotive Supply Chain Cluster

Pyeongtaek Port Automobile Cluster

Procurement
(Steel, Parts)

Production
(Car)

Ex-Import
(Pyeongtaek Port)

PDI

HYUNDAI STEEL

HL Mando

POSCO

HANON SYSTEMS

DONGKUK STEEL

BOSCH

HYUNDAI MOBIS

LS Automotive

HYUNDAI

KIA

KG MOBILITY

Mercedes-Benz

BMW

PORSCHE

IVECO

HONDA

Audi

VW

Ford

MAN

INFINITI

VOLVO

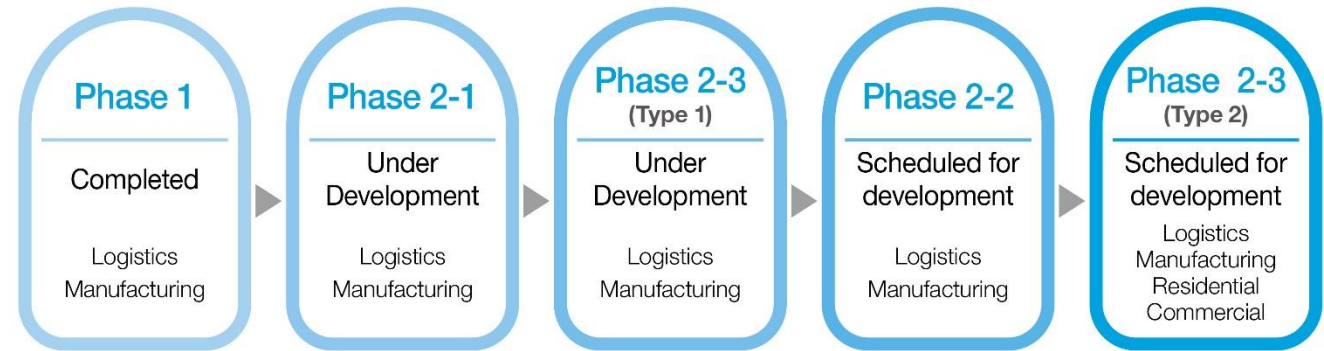
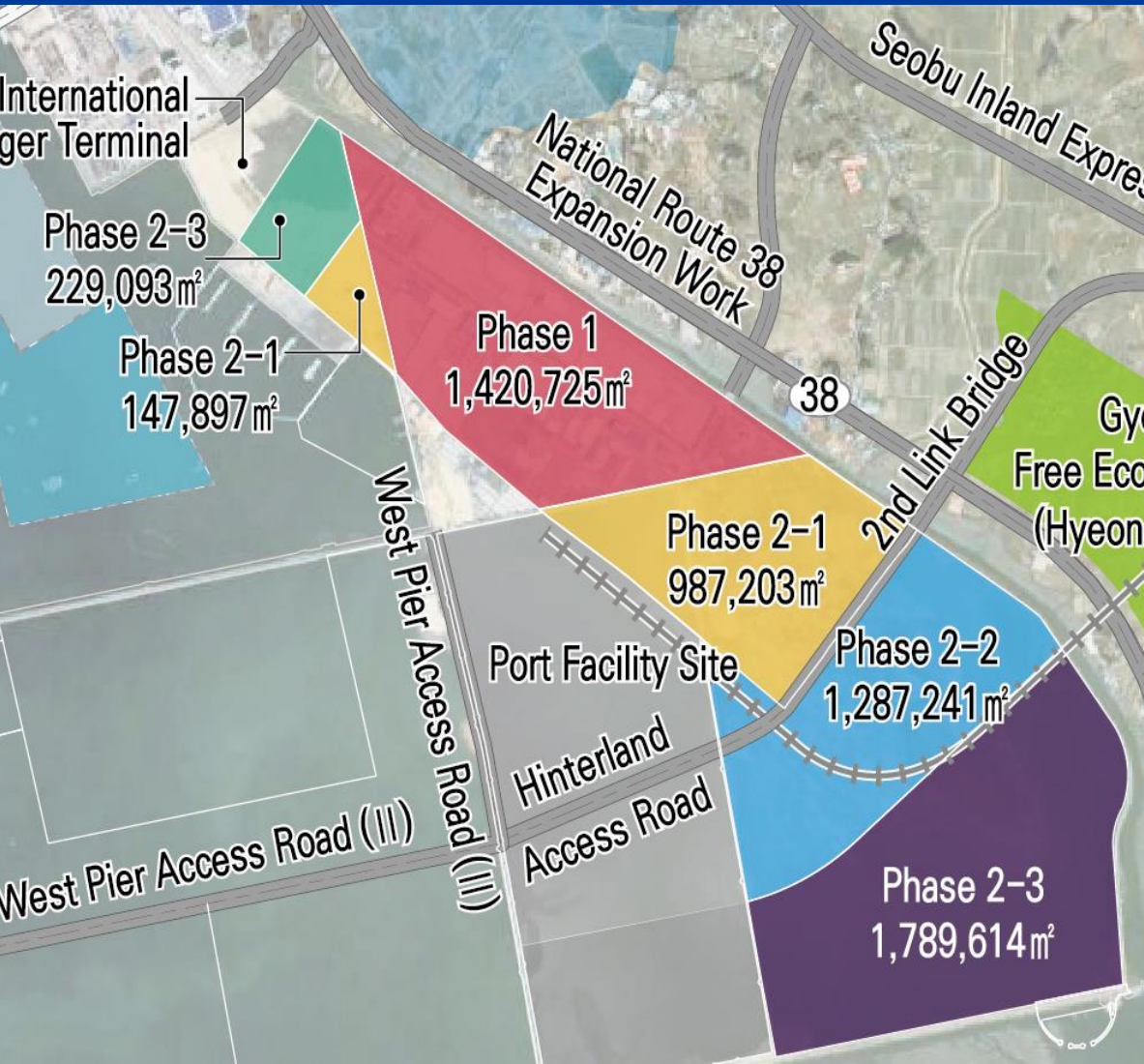
MINI

PEUGEOT

Jeep

Cadillac

Hinterland Development Plan for your Asia Logistics



(Unit : m²)

Classification		Total	Phase 1	Phase 2-1	Phase 2-2	Phase 2-3
Project Area (Unit: 1,000 m²)		5,862	1,421	1,135	1,287	2,019
Type 1	Logistics Manufacturing	2,591	1,008	711	785	87
	Convenience Facilities	206	39	105	-	62
	Public Facilities (Roads, Parks, etc.)	1,275	374	319	502	80

For Sustainable Future : Pyeongtaek Port Hinterland Expansion

Current



Future



For Sustainable Future : Pyeongtaek Port Startup Center

Pyeongtaek Port Startup Center



Transition to Hydrogen Port

Hydrogen Production Complex



Hydrogen Trailer / Vessel

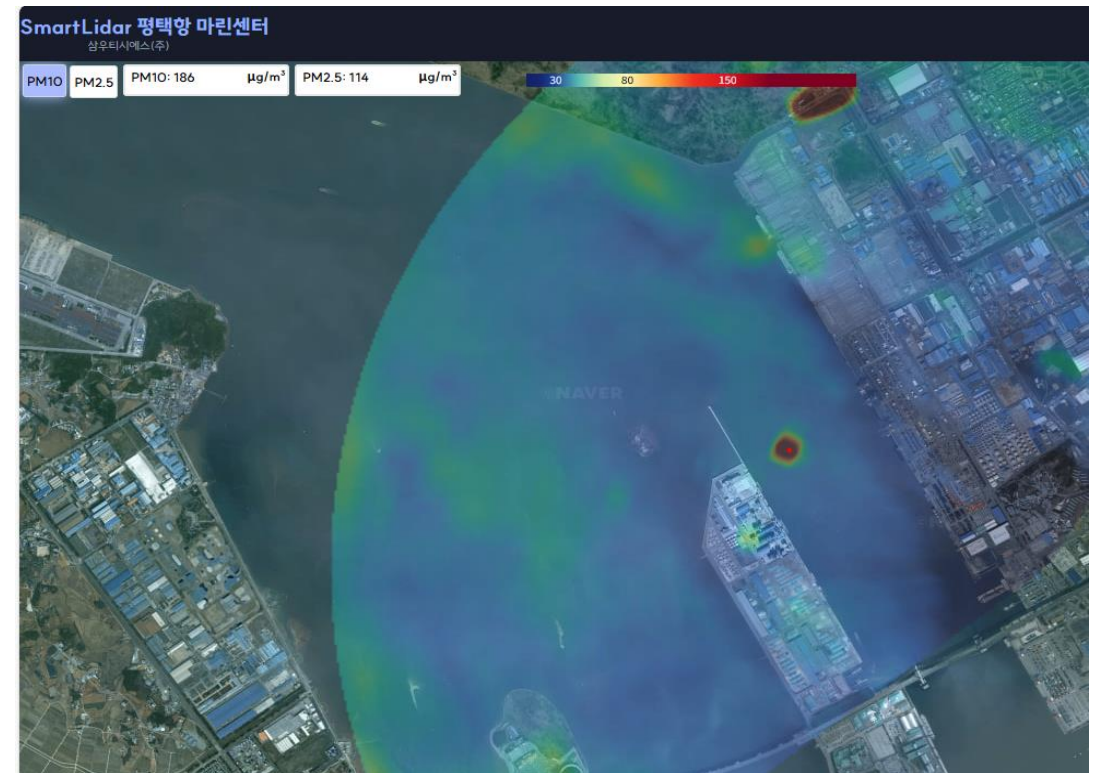
Hydrogen Bunkering

For Sustainable Future : Port Decarbonization

World's first Fine Dust Scanning LiDAR developed by AICT, SO2 will be added

- **Designated OECD World Innovation Case in 2024**
- **Grade 1 Sensors**
(Based on 4 KM standard)
- **Cost KW 400 mil.**
(Annual Operating Cost KW 40 mil.)
- **Developer** AICT,
Gyeonggi Province
- **Substitution Effect**
(Installing 80,000 Grade 1 sensor,
Real time monitoring every 20 min.)

* Integrated Monitoring Center is in operation





Thank you

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