

The 13th Asian-Pacific City  
Summit Special Edition  
To build a decarbonization society

# Gunsan, speaking up for **K-Green New Deal**



A self-reliant city,  
together with the citizen, **Gunsan**

Gunsan, speaking up for  
K-Green New Deal

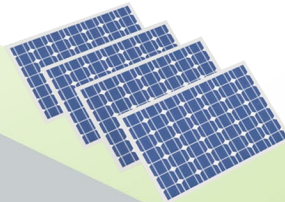
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NEUTRAL PROJECT



# SHOUT OUT TO THE GLOBAL VILLAGE, “CARBON NEUTRALITY”

## NET **ZERO** EMISSION **CARBON NEUTRALITY**

We have to make an opportunity  
for a new growth engine and job creation.



‘2050 CARBON NEUTRALITY’  
Vision Confirmed

December 2020  
KOREA CARBON NEUTRALITY  
Declared

September 2021  
BASIC CARBON NEUTRALITY  
LAW Declared





# THE STORY OF GUNSAN

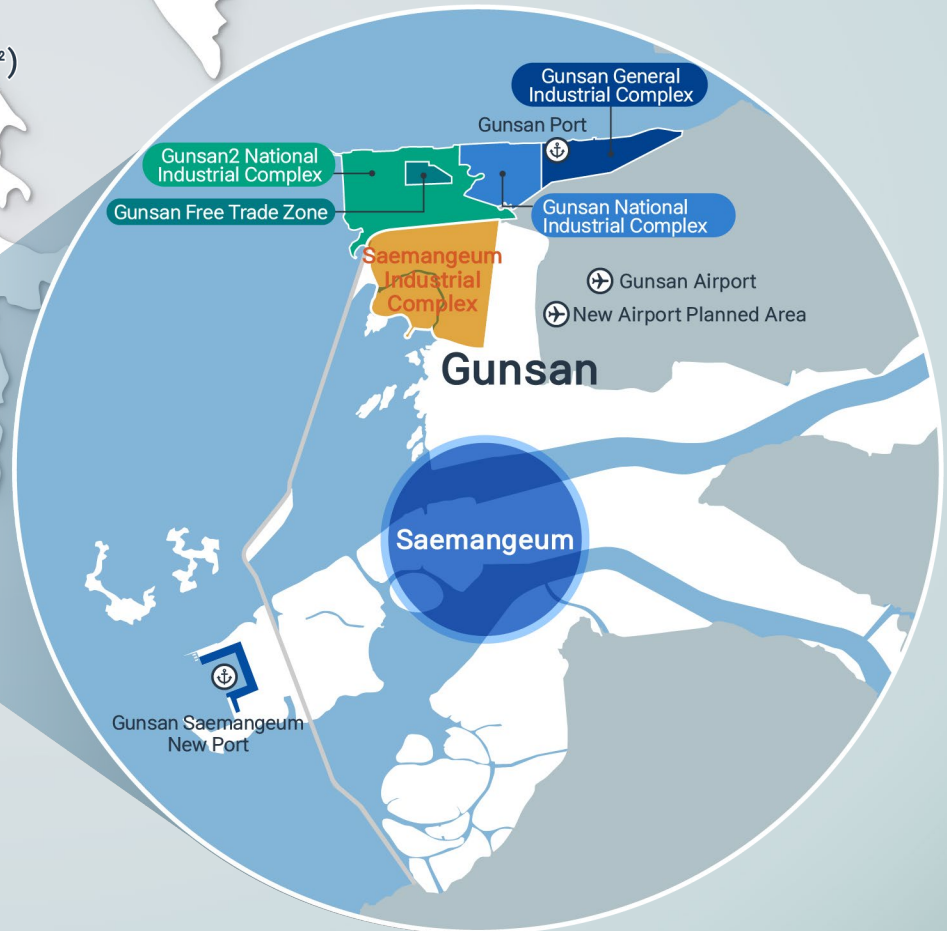
- ✔ A harbor city located in the Southwest Sea, Republic of Korea
- ✔ Gunsan port (Berth Ability 5,000~50,000 tons / 31 shipments)  
Gunsan Saemangeum New Port (Berth Ability 50,000 tons / 9 shipments)  
\*Cruise: 80,000 tons · 1 shipment
- ✔ Gunsan Airport / Saemangeum New Airport (205.6m<sup>2</sup>)
- ✔ National Industrial Complex (22km<sup>2</sup>),  
Saemangeum Industrial Complex (19km<sup>2</sup>)
- ✔ Modern Cultural Historic Site, Gogunsan Islands,  
Saemangeum Seawall

China

Taiwan

Korea  
Gunsan

Japan





## TURNING CRISIS INTO AN OPPORTUNITY GUNSAN LEAPS TO THE WORLD

In 2017,  
economy-leading enterprises  
**went out of business in Gunsan**

- ✓ Hyundai Heavy Industries operation suspended
- ✓ GM Gunsan plant closed



### Restructuring industry system in prompt

Responsibility for our future

RENEWABLE  
ENERGY

ECO-FRIENDLY  
ELECTRIC  
VEHICLES





## 1 RENEWABLE ENERGY

In October 2018 Saemangeum Renewable Energy Vision Declaring Ceremony  
Proclaiming the vision of  
**‘THE WORLD’S LARGEST 3GW-CLASS RENEWABLE ENERGY CLUSTER’**

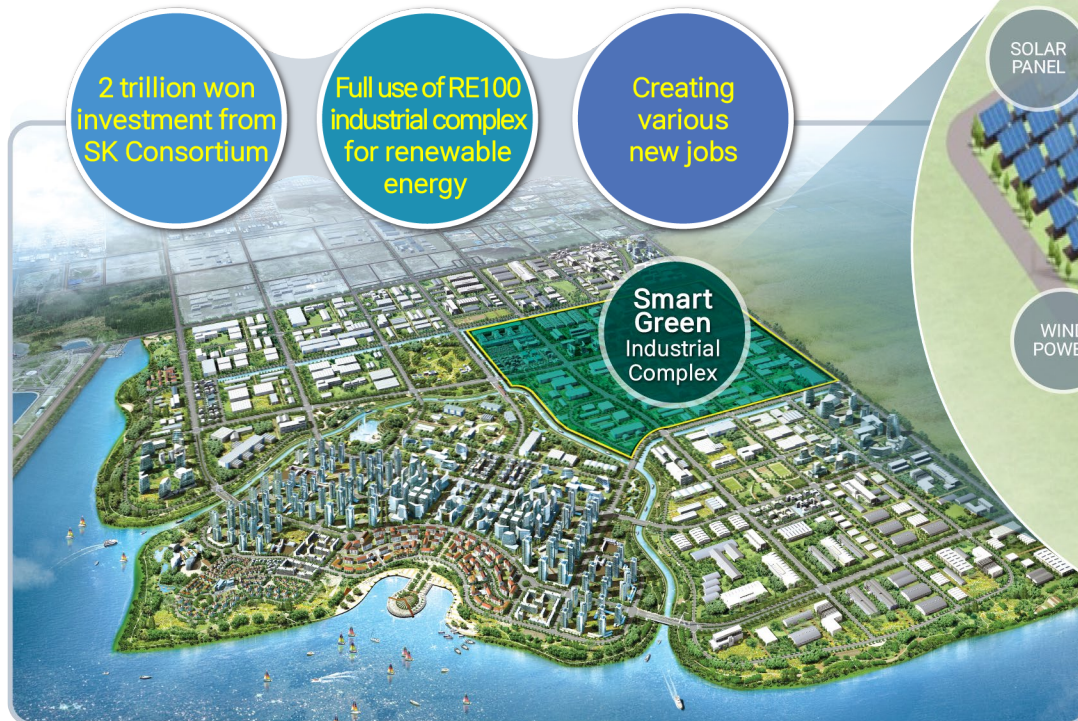
\*1GW  $\approx$  2MM TOE of energy





## 1 RENEWABLE ENERGY

- ✓ Establishing new and renewable energy national research institute cluster  
**273 million dollars (about 32 billion KRW) national financial investment**
- ✓ In April 2021, Pre-designated  
Saemangeum Industrial Complex as the  
**first domestic smart green industrial complex**





## 2 ECO-FRIENDLY ELECTRIC VEHICLES



In July 2020, 'Strong & Small SPECIAL R&D ZONE' was designated to eco-friendly electric vehicle parts and materials.

- | 858 employees
- | \$143,500,000 million economic effects (168 billion 400,000 KRW)
- | \$ 121,070,000 (153 billion 800,000 KRW) value added cost



GUNSAN TYPE JOB PROJECT,  
designated as win-win job creation by the government

- | proposing \$440,650,000 (517 billion 100,000 KRW) budget until 2024
- | creating electric vehicle cluster
- | creating jobs for 1,704 employees.



**Enterprises** Enterprises – 3 for finished car, 1 for assembly  
MYUNGSHIN CO., LTD. | EDISON MOTORS | KOSTECH | DAECHANG MOTORS

**Manufacturer** producing 263,000 electric vehicles





## 3 INDUSTRIAL COMPLEX REMODELING

In March 2021, the industrial complex remodeling project has been decided to proceed.

old Gunsan National Industrial Complex



Invested  
**\$421,390,000**  
(494 billion 500,000 KRW)  
for 3 years

### LOW-CARBON SMART INDUSTRIAL COMPLEX PROMOTING STRATEGY (3+1)



#### Technology Innovation Industrial Advancement

- Industrial innovation based on fusion & convergence technology
- Manufacturing innovation for smart-standardization infrastructure



#### Workplace Innovation Human Competency Reinforcement

- Creating human-oriented workplace
- Demand-oriented training and connection



#### Environment and Energy Management and Space Innovation

- Eco-friendly, low carbon green innovation
- Improving infrastructure space innovation



#### Innovation Governance

- Building and operating Innovation Governance
- Performance analysis and monitoring of industrial complex remodeling project



**Practicing decreasing low-carbon**  
with 270,000 Gunsan citizens



**Promoting 5 million  
trees planting**



**Birds Field Herb Forest,  
Abandoned Railway Urban Forest, etc.**

## PRACTICING 'SOLUTIONS TO CLIMATE CRISIS' WITH 270,000 GUNSAN CITIZEN



### Carbon Neutral Action Journal

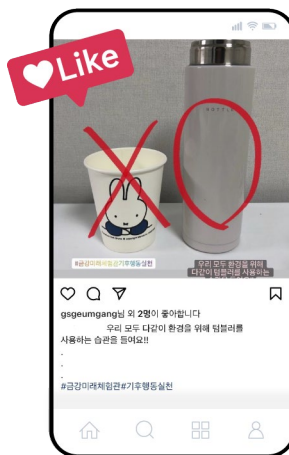
- **Who:** residents in Gunsan
- **What:** downsizing food waste, collecting waste mobile phone, batteries, and cooling pack



### Climate Action G-power

(Gunsan · Geumgang · Green · Power)

Non-face-to-face campaign by certifying photo/video of climate protection in daily life, such as using tumblers and shopping carts



### Climate Crisis Experience Program

Energy-saving experience education for child in daily life

- **Who:** Pre K to K 12
- **When:** year-round  
(130 turns, 3,500 people certificated)







Gunsan puts best efforts and faces challenges  
to take the lead of low carbonization.

THANK YOU

A self-reliant city,  
together with the citizen, **Gunsan**

# 시민이 함께하는 자립도시 군산

—  
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