

“The Saemangeum Project is in the hands of those who will  
put their creative ideas into action.”

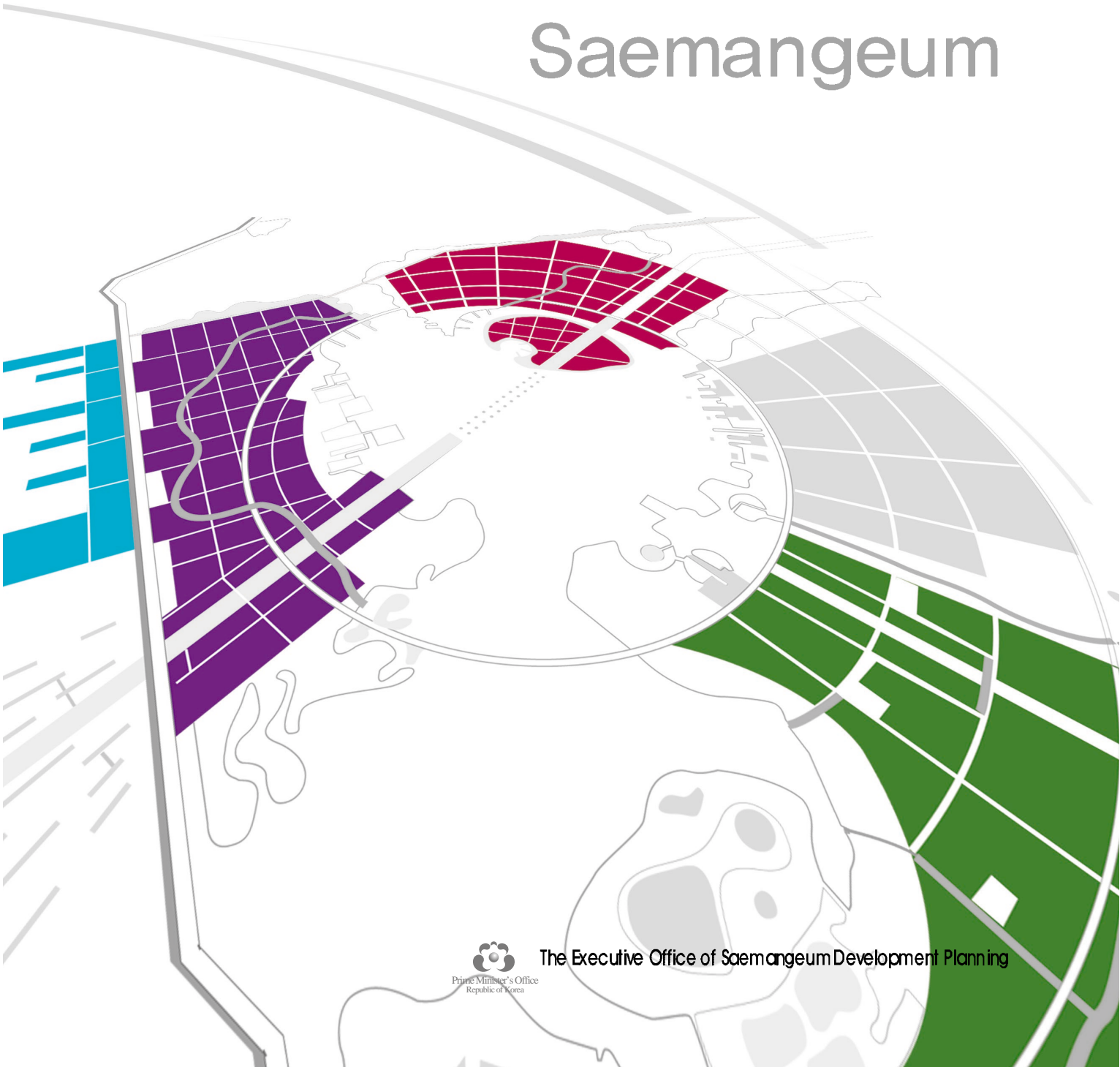
★ President Lee Myung-bak, Oct. 25, 2007



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The Hub of the New Global Economy

# Saemangeum



Prime Minister's Office  
Republic of Korea

The Executive Office of Saemangeum Development Planning



## Saemangeum Today

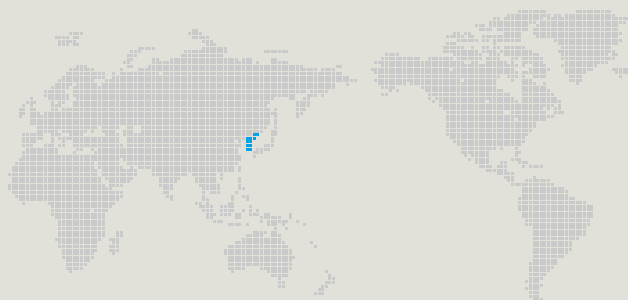
### The Saemangeum Project : Overview

The Saemangeum Project is a government-run project with the mission of constructing a "global premium Saemangeum," the city of green growth and clean environment. The construction of the world's longest 33-km sea dike, which connects Gunsan and Buan, is to create the 28,300ha of reclaimed land and the 11,800ha of a lake. This project will transform Saemangeum into the economic hub of Northeast Asia with a good balance of industry, tourism, and ecological well-being.

#### Period of Development

phase 1 – 2010 ~ 2020 (23,800ha, 84.1%)

phase 2 – After 2021 (4,500ha, 15.9%)



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## ❖ Vision and Development Plans

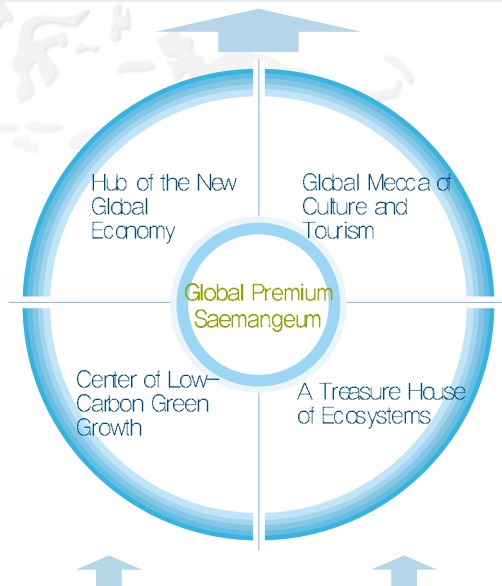
The Hub of the New Global Economy!

The Global Mecca of Culture and Tourism!

The Center of Low-Carbon Green Growth!

Beijing • Shenyang • Pyeongyang • Saemangeum • Seoul • Tokyo • Shanghai • Guangzhou

The Economic Hub of Northeast Asia  
**Saemangeum**



Zero-Defect Business Management System



- ❖ Promotion of the “Premium Saemangeum Project” to raise worldwide attention towards Saemangeum and increase its value
  - Adopting creative developmental themes and design for establishing the symbol of Saemangeum
- ❖ Promotion of effective measures to secure clean water and bring out Saemangeum’s characteristics as a ‘City of Water’
- ❖ Development of an environment-friendly city that actively adopts Low-Carbon Green Growth
- ❖ Development of zones with different purposes, such as tourism & leisure, international business, and new & renewable energy

#### External Factors (Opportunities)

- ◎ The rapid growth of markets in China and Northeast Asia
- ◎ The establishment of a policy to develop a leader of Low-Carbon Green Growth
- ◎ The increasing demand for leisure and culture in Korea, China, and Japan

#### Internal Factors (Merits)

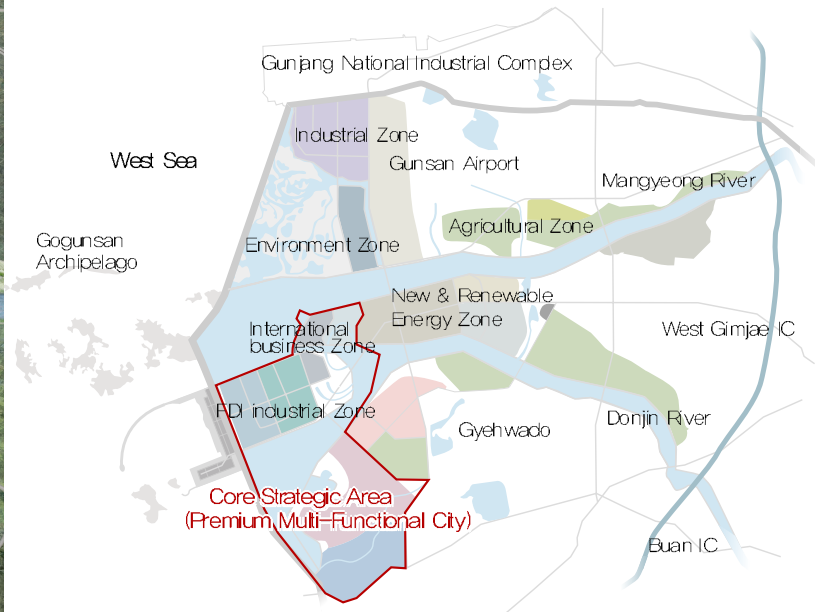
- ◎ A vast land with great developmental potential
- ◎ Natural resources for tourism and excellent conditions for building ports
- ◎ Central location within the Yellow Sea region



## Land Use Plans







Categorization of Land Use

Category	Total area 28,300 ha	Total Area of Development 23,800 ha (by 2020)
Industrial Zone (FEZ)	1,870	1,870
Industrial Zone (FDI)	2,030	6,730
Tourism & Leisure Zone	2,490	(Integrated development of the premium multi functional city) * Step by step development until after 2021, * environment : 1,710
International Business Zone	500	
Environment Zone	5,950	4,240 (Step-by-step development until phase 2)
Science/Research Zone	2,300	(Launching of development in 2015 currently under review)
New & Renewable Energy Zone	2,030	830 (430 for research facilities and 400 for farm products)
Agricultural Zone	8,570	8,570
Surrounding Cities	1,460	460 (Agricultural city)

※ Flood protection facilities etc : 1,100ha



# The “Saemangeum Premium Multi-Functional City” Project

## 1. City Design (3 Options)



Design No.1

**Sha-Ring City** (A radial structure around the “ring”)

- The “ring” will be filled with clean water, which then will be “shared” among the three pivotal functions
- Each function will grow through mutual interaction



Design No.2

**Full-Moon City**

- Central functions will be placed inside of the full-moon-shaped area
- The outside of the “full moon” will be filled with clean water





### Design No.3

#### Delta City

- Development will begin from the shallower parts of the sea in a "delta" form, due to the subsurface topography of the region

※ The final version of the city design will be selected by December 2009, once the additional opinions from Saemangeum Development Committee and professionals are received and discussed.

## 2. Formation Plans

- Location : FDI, tourism & leisure, international business, and environment zones
- Area : 6,730ha (23.8% of the entire Saemangeum)
- Authorities : Ministry of Land, Transport and Maritime Affairs; Ministry of Culture, Sports and Tourism; Ministry of Environment; Ministry of Knowledge Economy; and Jeollabuk-do

### ❖ Industry-Oriented Multi-Functional City

#### 🌐 Development Plans

- A strategic production base to lead the future of the nation
- Construction of a premium water city on the water-friendly space
- A strategic area for attracting FDI (Foreign Direct Investment)
- Effective space-allocation based on each function's connectivity and accessibility

#### 🌐 Types of Function

- Solar energy-related silicon material industry, auto and auto parts industries ("Green Car")
- General machinery and its related parts industries, food industry (Cluster)

### ❖ International Business-Oriented Multi-Functional City

#### 🌐 Development Plans

Establishment of a global financial center to attract multinational businesses and support various functions, including industry, tourism, logistics, and distribution

- Provision of financial support and management services in trade and business to the industries moving into Saemangeum
- Reinforcement of international business by attracting global companies

Establishment of an international logistics center to meet the growing needs of transport and shipping

- Formation of a logistics network in the Yellow Sea region to make Saemangeum a logistics hub capable of handling international traffic
- Expansion of infrastructure, such as expressways and railways, to bring Saemangeum closer to the inland cities

#### 🌐 Types of Function

- Overseas trade of domestic companies and domestic market management of foreign companies
- Systematic installation of facilities supporting international business

## ❖ Tourism & Leisure–Oriented Multi–Functional City

### ● Development Plans

Construction of a waterside leisure city that enjoys the harmonious coexistence of creative culture, a sustainable environment, and affluent life styles

### ● Types of Function

**Multi–Functional City:** Creative cultural contents to be enjoyed by connecting the resources together

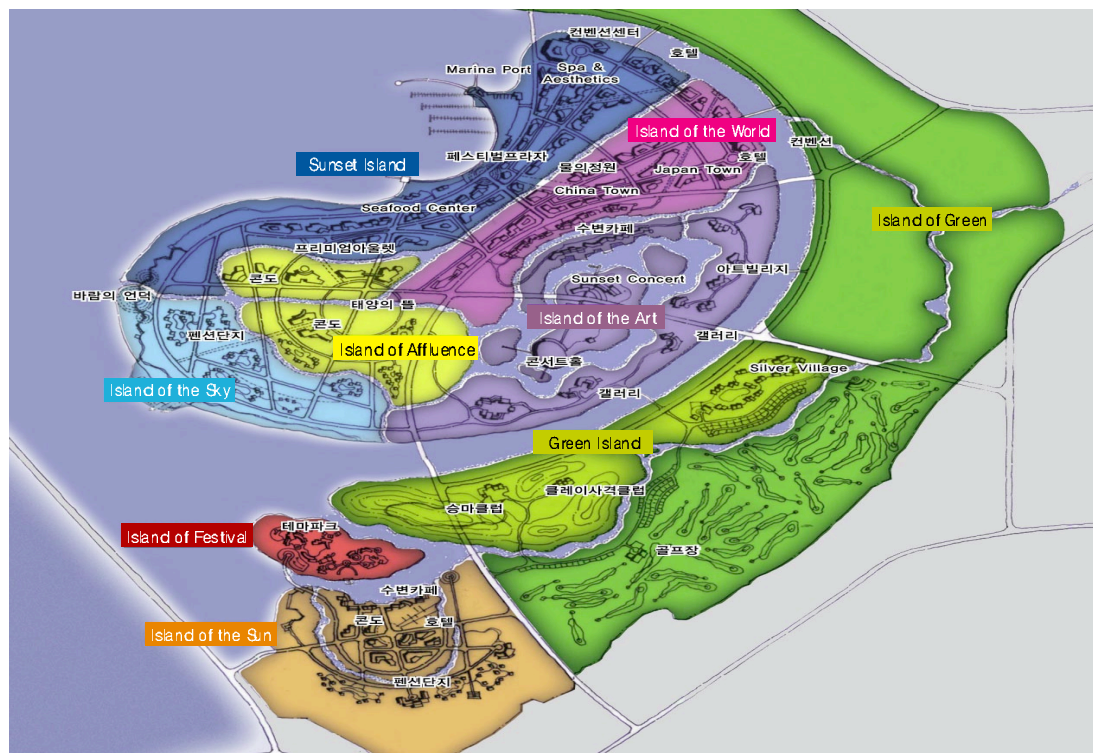
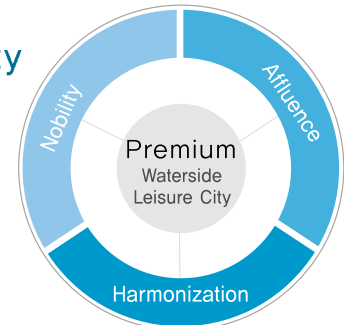
- Creation of a cultural space for foreign–exchange by organically connecting diverse culture and resources

**Waterside Leisure City:** Water–friendly designs to be emphasized by pursuing creative values

- Installation of a water–oriented transportation system, waterside buildings, and water–friendly leisure space and facilities

**Future Green City:** A sustainable growth to be made possible by the harmonious coexistence of nature and people

- Formation of a dynamic, environment–friendly space that takes into consideration the city's landscape and ecological circulation





# Saemangeum's Sea Dikes as Major Tourist Sites

## Project Overview

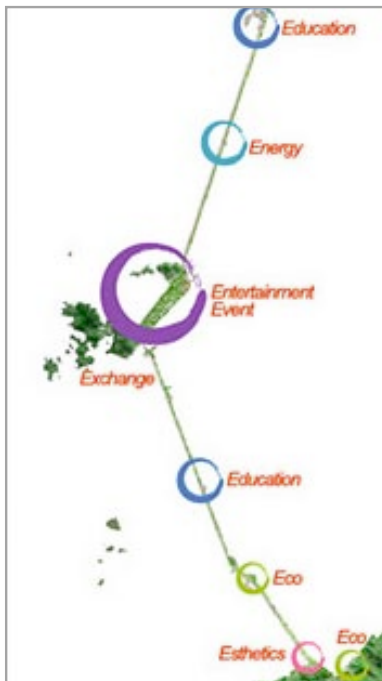
- Area : 420ha
- Period of development : 2008 ~ 2017
- Authorities : Ministry of Food, Agriculture, Forestry and Fisheries  
(Korea Rural Community Corporation)

## "Rainbow Resort Way 33"

- Formation of a tourist site, where play, recreation, and marine life coexist with the 33-km sea dike's story, rainbow colors, and pleasure
- Establishment of a mega-resort that fully satisfies the needs and wants of both domestic and foreign tourists
- Development of Saemangeum as the west coast's tourist hub as well as the growth engine of Korea's future tourism industry

## Installation of Facilities

- Development concept



Multi-functional areas around the 3rd sea dike

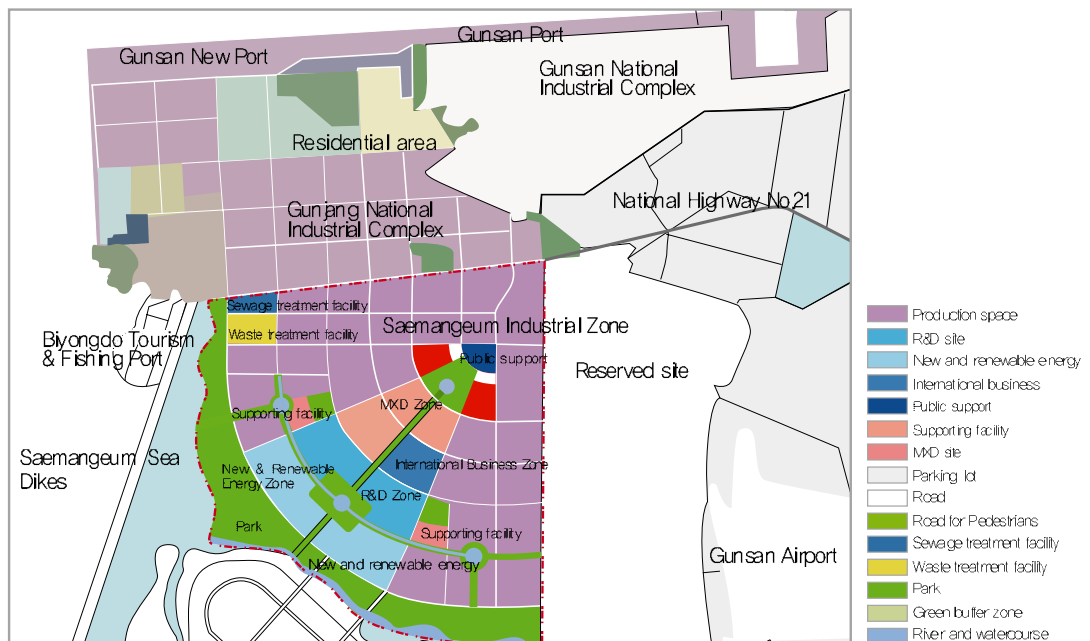
# Industrial Zone (Saemangeum–Gunsan Free Economic Zone)

## Project Overview

- Area : 1,870ha (Phase 1 : 930ha, Phase 2 : 940ha)
- Period of development : 2008 ~ 2018
- Authorities: Jeollabuk-do

## Development Plans

- Development of a sustainable special economic zone with the exceptional competitiveness to become a core production base of the futuristic new industry
- Promotion of both domestic and foreign investment and reinforcement of production functions in the futuristic new industry
- Construction and expansion of a production base and innovative clusters for the futuristic new industry so as to strengthen the regional competitiveness and growth power



# Agricultural Plans

## 1. Agricultural Zone

### ● Project Overview

- Area : 8,570ha
- Period of Development : 2009 ~ 2020
- Authorities : Ministry of Food, Agriculture, Forestry and Fisheries

### ● Development Plans

- Construction of an environment-friendly/high-quality agro-industrial infrastructure, such as pilot complexes for high-tech agriculture and green growth, and a natural-cyclic agricultural zone etc
- Development of an advance base for agricultural exports, such as a large-scale agriculture corporation and intensive high value-added horticulture/floriculture businesses etc
- Construction of infrastructure for rural ecology tourism, such as an agricultural theme park, environment-friendly agricultural villages, and an ecological landscape etc

## 2. Agricultural City

### ● Project Overview

- Area : 460ha (including the 200ha of service facilities)
- Population Capacity : 13,000
- Population Density : 50 people/ha (Mostly low-rise buildings with 1-2 floors)
- Period of Development : 2009 ~ 2020
- Authorities : Ministry of Food, Agriculture, Forestry and Fisheries

### ● Development Plans

- Formation of a model city for environment-friendly Low-Carbon Green Growth
- Creation of a high-quality residential area, where agro-industry, nature, and people are harmoniously united
- Formation of a city, where agriculture, tourism, distribution, bio-energy, and new & renewable energy are united together



# Environmental Plans

## 1. Realization of Clean Saemangeum

### Vision

- Utilization of Saemangeum's water resources and unique natural characteristics as its core competitive elements
- Development as a world-acknowledged leader of Low-Carbon Green Development

### Objectives for Water-Quality Management

- Attainment of clean water for water-based activities, such as tourism and leisure
- Attainment of premium water through zero-carbon green development technology

Clean Water, Nature, and People in Harmony

The 4 Practical Strategies



## 2. Environment Zone

### Project Overview

- Area : 5,950ha
- Period of development : 2009 ~ 2020
- Authorities: Ministry of Environment; Ministry of Food, Agriculture, Forestry and Fisheries

### Development Plans

- Establishment and step-by-step promotion of a long-term vision to preserve Saemangeum's ecosystems
- Minimization of artificial restoration and facility-installation, for as long as water quality is improved
- Construction of an ecological network, covering the Mankyung and Dongjin river areas as well as the entire region of Jeollabuk-do



# New & Renewable Energy Zone

### Project Overview

- Area : 2,030ha
- Period of development : 2009 ~ 2020
- Authorities: Ministry of Knowledge Economy; Ministry of Food, Agriculture, Forestry and Fisheries

Category	Total	20.3km <sup>2</sup>
Primary Zones of Development (Phase 1)	Total	8.3km <sup>2</sup>
	Research, experiment	4.3km <sup>2</sup>
	Model complex of bio-energy crop production	4.0km <sup>2</sup>
Reserved site	New and renewable energy production	12.0km <sup>2</sup>
Other	Wind power	Dispersed allocation around the adjacent area





# Construction of Infrastructure

## Construction of systematic traffic networks

- Establishment of the 3-stage customized transportation plans

### Construction of traffic and logistics networks connecting the Yellow Sea region

#### Saemangeum New Port

- Construction of Saemangeum New Port (24 berths) under review to make Saemangeum the economic and logistics hub of Northeast Asia

#### Expansion of Gunsan Airport

- Expansion of Gunsan Airport (additional runways etc) will go under review after re-evaluating flight demand

### Expansion of domestic traffic networks

- Construction of an expressway between Saemangeum and Pohang



- Construction of a railway between Saemangeum and Gunsan
  - Review and promotion to be made after evaluating the demand tendency and economic feasibility of constructing a railway (the existing lines include Janghang Line and Gunsan Line)

## Construction of domestic traffic networks

- Construction of main and connecting transportation systems: The “transportation-oriented development” principle
- System capacity to be adjusted based on the progress of land development

## Adoption of a futuristic green transportation system

- Establishment of a new futuristic transportation system that is human-centered and environment-friendly in Saemangeum
  - Step-by-step installation of a light-weight automated railway system, magnetic levitation propulsion trains, and trolley cars etc
  - GRT (Guided Rapid Transit) and PRT (Personal Rapid Transit)

## Solution for Water Supply

Category	Water demand	Water supply
Agricultural use	96~175M m <sup>3</sup> /year	<ul style="list-style-type: none"> <li>• Supply solutions to be prepared after the review of water demand</li> </ul>
Residential use	310,000 m <sup>3</sup> /day	<ul style="list-style-type: none"> <li>• Supply of 10,000 m<sup>3</sup>/day from Buan Dam</li> <li>• Supply of 300,000 m<sup>3</sup>/day from Jeonju metropolitan waterworks (stage 1) : Systematic adjustment to be required</li> </ul>
Industrial use	210,000 m <sup>3</sup> /day	<ul style="list-style-type: none"> <li>• 120,000 m<sup>3</sup>/day from newly-developed industrial waterworks</li> <li>• 90,000 m<sup>3</sup>/day of readjusted and reallocated water from Geum River</li> </ul>

# Invest in the Future of Saemangeum!

## Investment Information

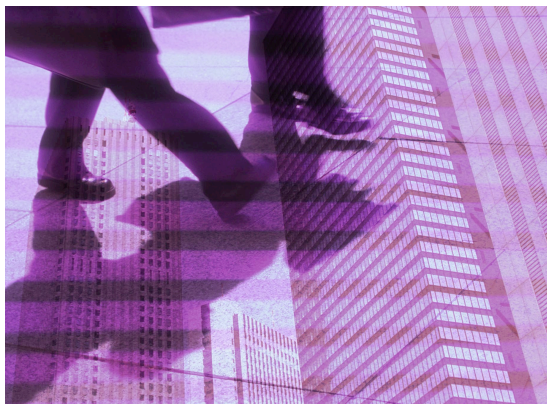
The Saemangeum Special Law has been established to systematically support investors and companies moving into Saemangeum. We promise to provide you with the finest investment conditions and opportunities.

### ● Tax Breaks and Financing (Saemangeum Special Law)

- Tax cuts on national/local taxes for foreign-invested companies moving into Saemangeum
- Provision of leased land and rent-reduction for foreign-invested companies
- Financing the installation of foreigners' convenient facilities
- Rent reduction on national/public property
- Private use, gain or loan of national/public property permitted by private contract

### ● Provision of Improved Settlement Conditions (Saemangeum Special Law)

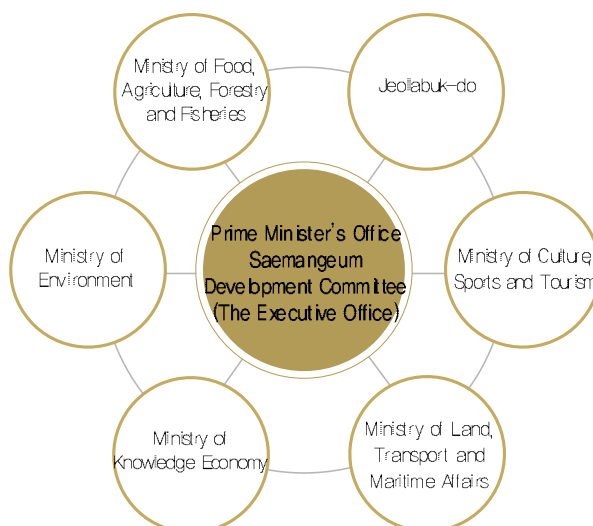
- Special provision of private housing (up to 10% of the total available houses) for foreigners without houses
- Provision of language services, such as issuing, registering, and processing public documents etc
- Provision of support for establishing foreign educational institutions, foreign medical institutions, and foreigners-only pharmacies
- Provision of support for installing foreigners-only childcare facilities



## Saemangeum Project's Governing System

The Korean government plans to establish and operate a governing system to support the provision of investment information and the efficient conduct of business (One-Stop Service)

### ■ Governing Body of the Project



### ■ Major Roles of Each Ministry and Office Concerned

Ministry	Major Roles	
Prime Minister's Office	Developing, adjusting, and supporting Saemangeum-related policies	The Executive Office of Saemangeum Development Planning +82-2-3210-2660
Ministry of Strategy and Finance	Financing the development of multi-purpose zones	Local Economy and Policy +82-2-2150-4572
Ministry of Education, Science and Technology	Developing a science/research zone	Science and Technology Policy +82-2-2100-6691
Ministry of Public Administration and Security	Managing Saemangeum's governing body and administrative districts	Autonomous Administration +82-2-2100-3704
Ministry of Culture, Sports, and Tourism	Developing and promoting a tourism & leisure zone	Saemangeum Development Team +82-2-3704-9944
Ministry of Food, Agriculture, Forestry, and Fisheries	Developing an agricultural zone and managing reserved sites	Four-Rivers Project Saemangeum Division +82-2-500-2471
Ministry of Knowledge Economy	Developing a new & renewable energy zone, supporting the development of a free economic zone (industry and tourism)	Local Investment +82-2-2110-5094
Ministry of Environment	Developing an environment zone and establishing measures for water quality maintenance	TF Team of Saemangeum Environment +82-2-2110-7785
Ministry of Land, Transport, and Maritime Affairs	Developing a multi-functional city and its infrastructure, securing reclaimed land soil	Local Policy +82-2-2110-8170
Jeollabuk-do	Developing a free economic zone (industry and tourism)	Saemangeum Development Team +82-63-280-2080



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※ The information presented throughout this brochure has been based on the "Comprehensive Action Plan for Saemangeum's Internal Development (proposal)," which was announced by the government on July 2009 and therefore is subject to change as the plan is expected to be confirmed in Dec. 2009

## Saemangeum : *History in the Making*

The Korean government is making it happen with the investment  
from the international community



Saemangeum promises to redefine the landscape of successful business

Saemangeum promises to be the land of success and opportunities

Invest in the future of Saemangeum

These are our promises to you