



eco An eco-friendly waterfront city for the future

# DELTA CITY

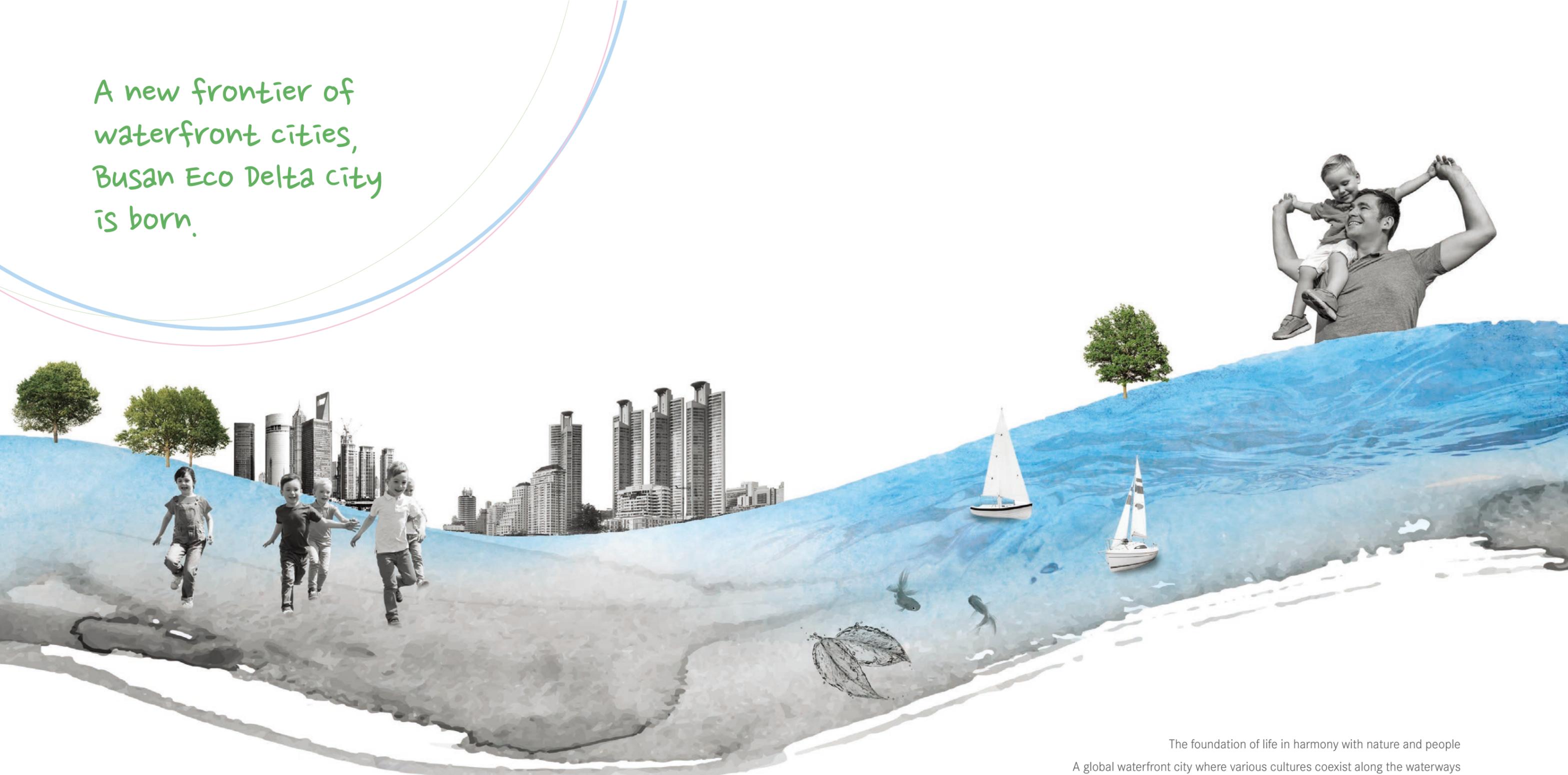
A global waterfront city is being created  
in the delta of Nakdong River.

An eco-friendly waterfront city of the future,  
offering harmony between nature, people and lifestyle  
with international culture and services

Busan Eco Delta City



A new frontier of  
waterfront cities,  
Busan Eco Delta city  
is born.



The foundation of life in harmony with nature and people  
A global waterfront city where various cultures coexist along the waterways  
A new global business city of the future

eco  
**DELTA CITY**



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## ECO DELTA CITY PROJECT

**Location** Myeongji-dong, Gangdong-dong and Daejeo-2-dong,  
Gangseo-gu, Busan Metropolitan City

**Area** 11.886 million m<sup>2</sup>

**Period** 2012-2018 (7 years)

**Investment** 5.4 trillion KRW

**Population** 75,100 (30,000 households)

**Developers** Busan Metropolitan City, K-Water, Busan Metropolitan Corporation



The above image is only an illustration of Busan Eco Delta City.

# Waterfront Eco City

Experience the extraordinary values of an eco-friendly waterfront city with harmony between people and nature.

Busan Eco Delta City is an eco-friendly waterfront city where the West Nakdong River, Pyeonggang stream and Maekdo River meet. By preserving the valuable ecological resources and maximizing the value of waterways, Busan Eco Delta City aims to create an ideal urban habitat for both people and nature.

## Waterfront for Everyone to Enjoy

A waterfront park will be developed along the three streams measuring to a total distance of 54km. An open space network with accessibility to rivers and parks within 10 minutes from anywhere in the city will bring nature closer to everyday life.

## Preserving the Eco-system, from Wetlands to Migratory Birds

A generous 660,000m<sup>2</sup> ecology reserve, Maekdo Eco Wetlands Park will be created just west of Nakdong River, and 66,000m<sup>2</sup> migratory bird feeding grounds will also be established to support migratory birds. Along the water systems, 30-50m wide aquatic environment-friendly wetland forest parks will be developed using LID techniques to minimizing environmental impact of the adjacent built environment.

## Maximizing the Potential Values of Waterfront Spaces

A place for viewing and experiencing the waterfront eco-system and scenery in its most natural form will be created. Rivers dividing around an islet, ferry points and scenic spots will be built and forest walkways and waterways that can be experienced from anywhere in the city will be created.



# Global Waterfront Cultural City

Busan Eco Delta City is a global city where culture, arts, lifestyle and relaxation coexist along the waterways.

It will provide enhanced accessibility to the water with riverfront cultural and recreational spaces.

Spaces that combine culture, arts, leisure and relaxation will be created along the rivers.

## Fascinating Region and Globe with Waterfront Culture

The riverfront cultural and recreational spaces, Juwon Canal and various spaces that utilize the riverfront surroundings such as water leisure activities, waterfront shops and ferries will be created and everyone who visits Eco Delta City will be able to experience the values of a waterfront city in person.

## New Culture is Created where Rivers Meet

Busan Eco Delta City will be molded into a global waterfront cultural city. Semulmeori, which refers to where the three waterways merge, will be developed into a specialized culture and leisure district for commercial, culture, arts and shopping to provide greater energy in everyday life.

## Preserving History and Time while Writing a New Story

While restoring and preserving facilities and natural surroundings with cultural values, new streets for urban life, such as urban boulevards, waterfront scenic roads, neighborhood streets, relaxation streets and car-free pedestrian streets will be created.



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# Logistics City of the Future

Busan Eco Delta City will be developed into a center for Korea's future industries and a logistics hub of Northeast Asia. Thanks to its outstanding geopolitical conditions and infrastructures, Busan Eco Delta City will create an urban system that minimizes energy costs and nurtures the MICE industry of the future. Also, it will become the hub of Northeast Asia's high-tech industries and international logistics services as it thrives to be the center of the world.

## Nurturing High-tech Eco-friendly Industries

Busan Eco Delta City will feature the most eco-friendly industrial complexes with a 30.8% green ratio and implement Highly Green Logistics by using advanced logistics technologies, eco-friendly logistics and advanced IT technologies.

## Heightening International Competitiveness as a Global Services

While offering a wide range of supporting facilities including financial, industrial support center, integrated PR center, exhibition halls and industrial convention arenas, Busan Eco Delta City will also establish an educational and cultural environment for professionals and build a transportation service with easy access to multi-regional transportation network and the airport.

## Self-sufficient City that bolsters the Local Economy

The international logistics industry can take advantage of the new port, railroad, airport and the free economic zones. High-tech industries and R&D district plans will be established, international maritime transportation and port business cluster, which are crucial to Busan's development strategy, will be attracted. Exhibition and convention centers for heightening the value of local industries and to connect Busan to the world will be established.

# An Eco-friendly Waterfront City for the Future

## Busan Eco **Delta** City

There has never been a city like this.

An eco-friendly waterfront city of the future is being created in Busan.

Busan Eco Delta City is a city that offers an abundant way of life and diverse culture, and ideal environment for global businesses.

A waterfront city that will make you dream of a new future.

### **01 WATERFRONT ECO CITY**

Harmony with People and Nature

### **02 GLOBAL WATERFRONT CULTURAL CITY**

Enjoy Culture Along the Streams

### **03 FUTURE LOGISTICS & SERVICE CITY**

Center of Northeast Asia's Logistics and High-tech Industries





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# 01 WATERFRONT ECO CITY

where you can experience the abundance of an eco-friendly residential city



A city that puts nature, environment and lifestyle first. Experience the value of a clean and safe city where all forms of life live in harmony.

Busan Eco Delta City was developed with waterfront spaces, parks and grasslands in harmony with nature, history and culture. By preserving resources, creating a habitat for migratory birds and public values of waterfront spaces, it promotes harmony between people and nature.





### A city surrounded by water and waterfronts

Surrounded by a total area of 53.8km (33 miles) of waterfront and Green trail. Busan Eco Delta City will be built with an optimal arrangement of nature, scenery and culture along the waterside. Pyeonggang Stream and Maekdo River will have cultural · arts ecological functions. The Dunchido-Maekdo-Samrak axis that connects the city's east and west will be the primary green axis, and the Geumbyeongsan-Dunchido-Pyeonggang stream axis and Bonghwasan-Maekdo-Seunghaksan Axis will serve as a secondary green axis. The West Nakdong River will be an axis dedicated for primary ecological preservation, and the Pyeonggang stream and Maekdo River will be designated as axis' for preservation and utilization of natural habitats.



### Greener Urban Central Parks

Busan Eco Delta City will offer urban eco parks including Central Park, Semulmeori Waterfront Park, Migratory Bird Feeding Grounds and Eco Wetland Parks. A total of 3,648,502m<sup>2</sup>, including ecological reserves for migratory birds will be developed into parks, making up 30.7% of the city's total space. A 100m wide habitat for migratory birds will be created near the streams of the West Nakdong River, and green spaces between 30 - 50 m in width will be built on the Pyeonggang stream and Maekdo River. The city will also build the largest, 825,000m<sup>2</sup> eco wetland park within an urban area and 66,000m<sup>2</sup> migratory bird feeding grounds.

Green Ratio of Parks (30.7%)

3,648,502 m<sup>2</sup>



### Transit Oriented Development for the Environment and the Future

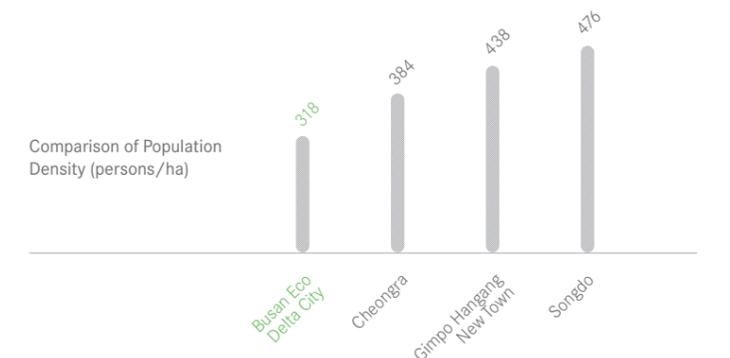
Transit Oriented Development (TOD) that connects Metropolitan Transit, Bus Rapid Transit and Green Transit (bicycles & walking) is one of the key features of Busan Eco Delta City. The BRT(Bus Rapid Transit) will be capable of transporting 15,000 to 20,000 passengers per hour. The BRT stops will be seamlessly connected to bicycle paths and car-free streets to provide a sensible TOD.

### A City Where You Can Enjoy Walking and Running

Busan Eco Delta City will be developed with 48km of bicycle paths and streets designed with pedestrians in mind. Sidewalks, Green trail Pedestrian and bicycle paths will make up 14m out of the 22m neighborhood streets. The Semulmeori Specialized District, which will be developed into a culture, leisure and arts cluster, will also be designed with the intention of putting pedestrians first and car-free zone.

### An Abundant Environment Created by Smart Urban Planning

The planned population of Busan Eco Delta City is 75,100 people. To accommodate this population, 30,038 households, including both single and multi-family houses, will be built to create a pleasant and diverse residential environment. The city's total residential area is 3,356,841 m<sup>2</sup>, resulting in a gross population density of 63 persons/ha, net population density of 318 persons/ha, making it much lower than other cities: Cheongra 384 persons/ha, Songdo 476 persons/ha, Gimpo Hangang 438 persons/ha. Furthermore, the city will be developed using the LID method to minimize environmental impact before and after the development.





The above image is only an illustration of Busan Eco Delta City.

## 02 GLOBAL WATERFRONT CULTURAL CITY

that makes  
Busan Eco Delta City  
World place



Presenting a city of unique residential environment, cultural venues and optimal infrastructures for business with waterfront views

Various cultural contents and spaces are planned around water to bring the region and the globe together. A Global Waterfront Cultural City brand will be created by utilizing commercial, business, cultural, leisure and public facilities in Semulmeori, where the streams that run through the Central Business District (CBD) and three rivers meet.



Creating the Perfect Balance  
between Work, Life and Joy  
**Global Waterfront Cultural City**



### A Canal-walk Type Commercial & Business District Harmonizing Work with Recreation

A 385,000m<sup>2</sup> Central Commercial & Business District will be located at the center of Busan Eco Delta City with a 8m wide, 1.2km waterway running through it. The Public Service Zone (Public, medical services), Green Zone (Urban oasis), Culture Zone (Year-round performance, exhibition, event and experience spaces) and Festival Zone will provide generous width of waterfront for various functions. The specialized spatial planning for commercial facilities and shopping will allow people to enjoy the harmony of work and abundant lifestyle.



### Pedestrian-oriented Waterfront Space

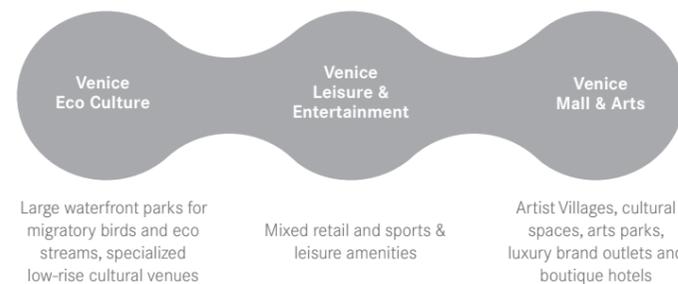
BRT stops that provide easy access to culture & leisure facilities will be placed within 500 meters of the waterfront. Roads wider than 4 lanes, which lower accessibility to the streams, will be minimized to maximize accessibility to waterfront spaces. A 40m walkway connecting the Semulmeori Waterfront Park and West Nakdong River Eco Park will form the primary axis that allows people to walk from the center of the city to the waterfront spaces. It is also expected to be the arena of Busan's cultural activities.



### Semulmeori Global Cultural Waterfront District

The district with an area of 688,000m<sup>2</sup> around Semulmeori will be designated into a multi-functional culture & leisure district. Walkways will be built near Ju-wun Canal as well as around the commercial district to allow people to enjoy culture and leisure as they take a walk. Luxury outlets, museums, culture & exhibition spaces, artist villages, hotels and sports & leisure spaces will be located within the district. Korea's Little Venice will connect three specialized complexes by a canal, which will promote harmony among local residents and global citizens.

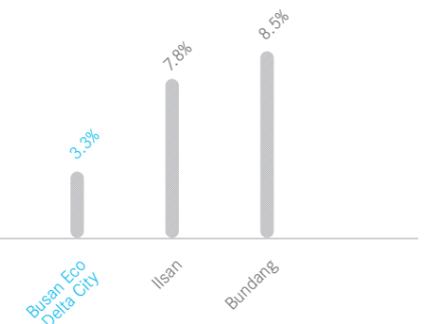
Layout of the Semulmeori District



### Waterfront Leisure & Specialized Complexes for Enjoying the Waterfront Environment

Korea's largest, natural waterway measuring 16.3km, connecting the West Nakdong River, Maekdo River and Pyeonggang stream. Taking advantage of regular water flow and currents, it will be utilized as a space for enjoying water leisure activities such as kayaking and canoeing. Water-themed multi-functional spaces such as waterfront camping sites, sports & leisure parks for families, large waterfront commercial spaces and waterfront cafes will be developed and a special waterfront residential complex is being planned.

Comparison of Commercial Land





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### 03 FUTURE LOGISTICS & SERVICE CITY

## for Korea's Hub City



### Becoming the Northeast's Hub City with Optimal Logistics Infrastructure and Global Business Services

Possessing outstanding transportation, infrastructures and culture, Busan Eco Delta City will be the hub city of Northeast Asia's logistics and related services. With abundant infrastructures for international businesses, it will become the center of the MICE industry and eco-friendly future industries.



Northeast Asia's Hub  
for Driving Busan's Growth  
**Future Logistics & Service Cit**





### Delta Region's World-class Geographical Conditions

Busan Eco Delta City is located within a 3 hour flying distance from a vast economic sphere that possesses 25% of the global population and 20% of the GDP of the world. Located near international logistics infrastructures including Busan New Port, which is the world's no. 5 trading port, as well as Gimhae International Airport along with a vast network of roads, Busan Eco Delta City will serve as the Northeast Asia's gateway city for international logistics that connects Tokyo, Osaka, Fukuoka, Seoul and China. Furthermore, it will become the center of Southeast Korea's industrial cluster (aerospace, machinery, logistics, automobiles, steel, shipbuilding and etc.)

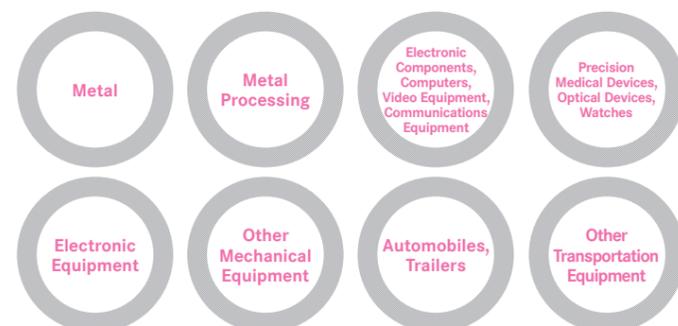


### Nurture Eco-friendly High-tech Industries and MICE Industries of the Future

Busan Eco Delta City will build a sustainable future logistics & service environment as a key complex for international logistics, high-tech industries and R&D complex, and an eco-friendly industrial cluster. Busan Eco Delta City will feature the most eco-friendly industrial complexes with a 30.8% green ratio and implement Highly Green Logistics by using advanced logistics technologies, eco-friendly logistics and advanced IT technologies. With a wide range of supporting facilities including financial, industrial support centers, an integrated PR center, exhibition halls and industrial convention arenas, it will offer the ideal environment for global businesses.



8 Selected Industries for Busan Eco Delta City's Industrial Complex



### Outstanding Multi-regional Transportation & Road Network

Busan Eco Delta City possesses an outstanding multi-regional transportation system, including the No.2 Namhae Highway, National road No. 2, Gonghang-ro and Bujeon-Masan Dual Track Subway. Furthermore, it will strengthen the connection between east and west by building the Eomgung-Saenggok Road (6-8 lanes) and build logistics infrastructures between Busan New Port, Gimhae Airport and related transportation services. Major roads within the city will be engineered for speed of 60km/h and avoid excessive curves for improve functionality and safety. Transportation services with quick transfers to multi-regional transportation and airports will also be established.



### Build International Maritime Transportation & Port Services Cluster including Maritime Transportation, Finance and Insurance

Busan Eco Delta City will become the center of the international port-related business cluster which is the most critical part of Busan's growth strategy. It will attract specialized, global business functions such as conventions, public infrastructures for maritime transportation and ports, as well as administrative town and maritime financing. Furthermore, it will also strengthen functions for managing key industries such as logistics, maritime transportation and R&D.

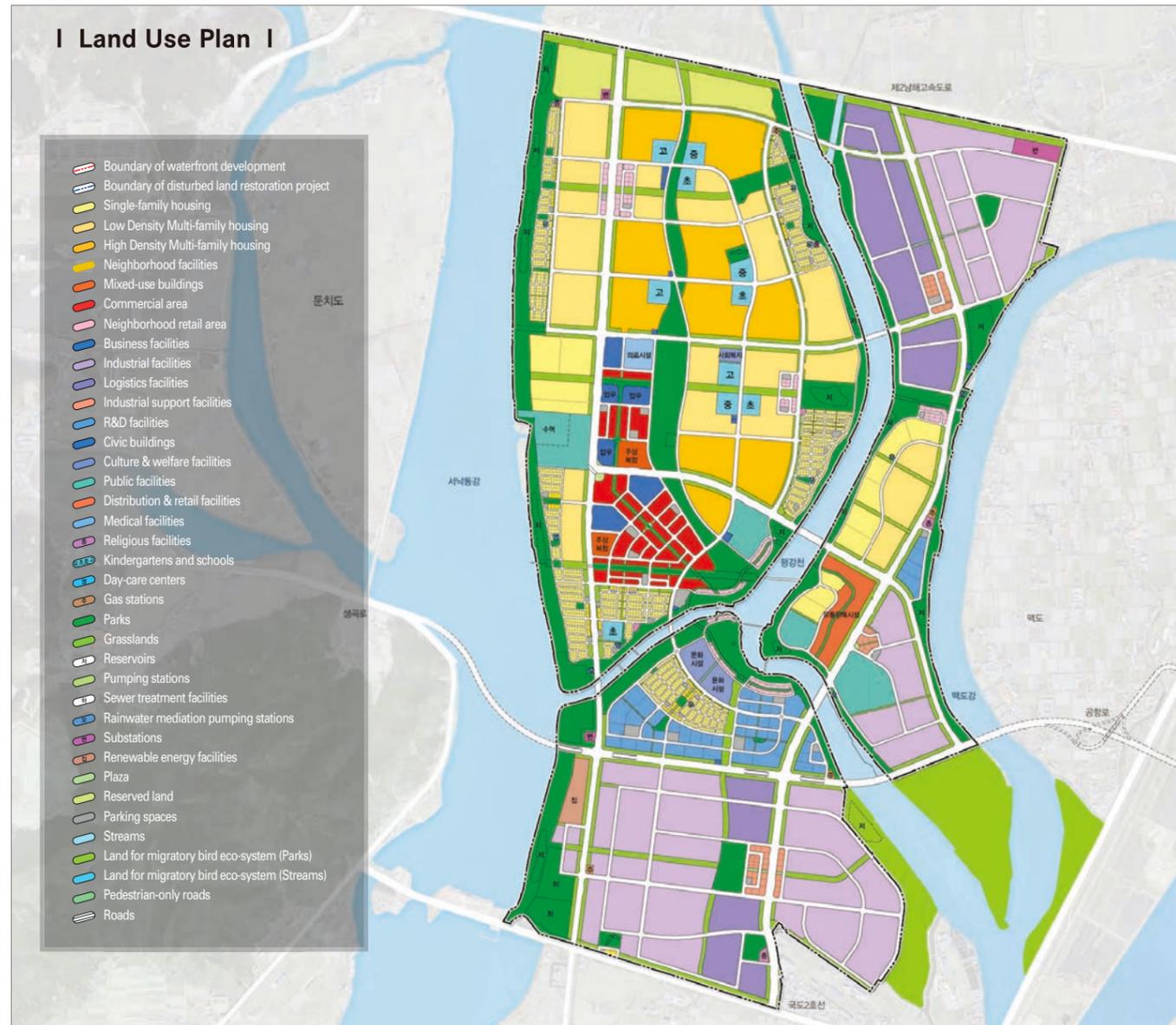


Office Use

80,612 m<sup>2</sup>

Public Use

5,072,530 m<sup>2</sup>



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Open the window to see birds flying over the long stretch of the river.  
 Enjoy the green scenery on the bicycle ride to work.  
 After a busy day at a global conference,  
 Have a moment of peace with a cup of tea at a café near the canal.  
 On your way home, stop by the outlets to pick out a gift for a special occasion.  
 As you enjoy the sunset on your way home,  
 the stunning skyline of the city creates a beautiful wave  
 and the breeze brings on the next season.

This isn't some waterfront city that you always dreamed;  
**Busan Eco Delta City** will bring your dream come true.

Category	Area		Note
	1,000m <sup>2</sup>	Percentage(%)	
Housing	2,357	19.9	Individual 620,000m <sup>2</sup> / 1,747 households, Community 1,745,000m <sup>2</sup> / 28,291 households
Commercial and Offices	386	3.2	General, neighborhood commercial, business facilities and etc.
Industrial Clusters	2,594	21.8	R&D, high-tech industrial, logistics facilities and etc.
Parks and grasslands	3,649	30.8	Including land for migratory bird eco-system
Urban support facilities	252	2.1	
Others	2,648	22.2	Roads, parking spaces, schools, medical and other public facilities
<b>Total area</b>	<b>11,886</b>	<b>100.0</b>	