

Brilliant Future, Luminous IFEZ!

THE 20<sup>TH</sup>  
ANNIVERSARY OF IFEZ

A CITY CREATING  
A BRIGHT FUTURE  
**IFEZ!**



IFEZ JOURNAL

2023. 9+10 VOL.113

IFEZ



Vol.113

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Yeongjongjin  
Coastal Trail



**IFEZ JOURNAL**

**2023. 9+10**  
IFEZ BIMONTHLY MAGAZINE



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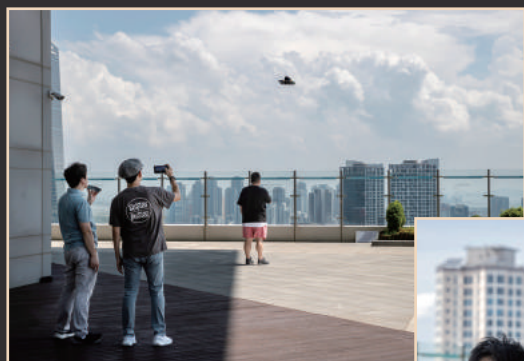
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# Miraedosi

Behind the Scenes of IFEZ's 20<sup>th</sup>-Anniversary Promotional Video Production

## INCHEON SINGS FOR A FUTURE CITY

In October, IFEZ produced a video promoting the 20<sup>th</sup> anniversary of its opening. The future city song represents the vision of IFEZ, highlighted by panoramic views and attractions from Songdo, Yeongjong, and Cheongna International Cities. Check out the video's shooting locations full of exciting features.



### #01

Last July, a drone flew over the IFEZ building in Songdo International City. The drone hovered around the building and then circled the Sky Garden on the 29<sup>th</sup> floor to film the busy scene.



### #02

It all served as the production site for a promotional video for IFEZ's 20<sup>th</sup> anniversary. In front of the camera, IFEZ Commissioner Kim Jin-yong repeatedly shouted, "Cheongna, the city of excitement! Yeongjong, the city of flight! Songdo, the city of advancement!" until a satisfying take was finally captured.



### #03

After receiving the director's OK sign, the next scene unfolded. The key line of the song "Future City" was also successfully shot! Commissioner Kim, wearing a pink t-shirt with the logo of the future city, persisted for 30 minutes of filming under the blazing sun, never losing his smile until the very end.



### #04

At the heart of this promotional video is the term "future city." The relay song, leading the video, was inspired by the fact that "Miraedosi," the Korean term for "future city," is similar in pronunciation to the musical scale names "Mi," "Re," "Do," and "Si." K Jun, a renowned Korean rapper and composer famous for many commercial projects, created this easy-to-remember song, and the promotional video delivers Commissioner Kim's message to K Jun's music, inserting scenes from the international cities while other personalities continue singing along, in turn.

IFEZ will use the completed video for its 20<sup>th</sup> anniversary and other events via PR centers and social media. You can watch the video throughout September on the IFEZ website ([www.ifez.go.kr](http://www.ifez.go.kr)) and YouTube channel ([youtube.com/@IFEZKorea](https://youtube.com/@IFEZKorea)).

### BEHIND THE SCENES



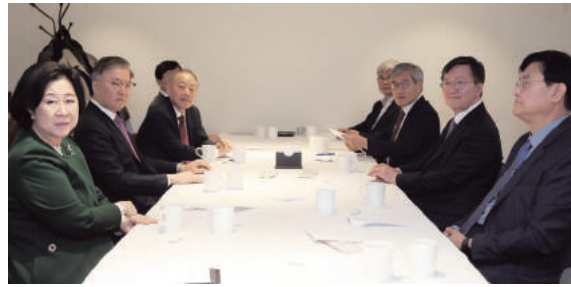


# WHCF

WORLD HEALTH CITY FORUM

## WORLD HEALTH CITY FORUM FOR FUTURE SMART HEALTHY CITIES

The 1<sup>st</sup> World Health City Forum (WHCF) will be held over the course of three days from November 20 to 22. Under the theme of “Globalization of Risk: How to Make the World Safer,” this forum will discuss the sustainable development of future cities and countries.



World Health City Forum organizing committee



### 1<sup>st</sup> World Health City Forum

**Period** November 20-22, On/Offline  
**Place** Songdo Convensia  
**Subject** Globalization of Risk: How to Make the World Safer  
**Hosted by** Ministry of Health and Welfare, Incheon Metropolitan City, Seoul National University, Yonsei University, Ewha Womans University  
**Homepage** [www.worldhealthcityforum.org](http://www.worldhealthcityforum.org)

### Let's Discuss the Realization of a Healthy Future City

Recent trends worldwide, such as the COVID-19 pandemic, climate catastrophe, low birth rates, and super-aging population, threaten people's safety, health, and sustainability. These crises call for safer and healthier environments for individuals, societies, cities, and countries. To respond to these problems, Incheon, an emerging world-class city, and IFEZ planned the WHCF to seek joint responses and solutions to the global health crisis. This forum will discuss ways to realize a sustainable and healthy future city. In February this year, Incheon and IFEZ formed an organizing committee for holding the forum. The organizing committee appointed Incheon Mayor Yoo Jeong-bok (Events), Seoul National University President Ryu Hong Lim (Health and Medical), Yonsei University President Suh Seoung-hwan (City), and Ewha Womans University President Kim Eun-mee (Sustainability) as the Chief Organizing Committee for each division. The committee also invited IFEZ Commissioner Kim Jin-yong, Seoul National University Hospital Professor Kim Young-tae, Ewha Womans University Chair Professor Choe Jae-cheon, and former National Medical Center Director An Myeong-ok as organizing members. They discussed how to manage a thriving forum and, at a press conference in July, officially announced Songdo Convensia as the site for hosting the event in November.

## 제1회 월드헬스시티포럼 내·외신 기자회견 The 1<sup>st</sup> World Health City Forum Press Conference

| 주최 | 인천광역시 · 서울대학교 · 연세대학교 · 이화여자대학교  
 | 일자 | 2023년 7월 21일 (금) | Date | July 21, 2023 (Friday)



### Spectacular Speakers and Informative Discussion Sessions

WHCF has different sectors, including health care, smart city, and sustainability. The forum will serve as a venue for various domestic and foreign experts to share the latest information. Furthermore, it will provide expert roundtable discussions to explore comprehensive convergence and collaboration between disciplines and sectors to lead smart healthy cities.

In keynote speeches, Tedros Adhanom Ghebreyesus (WHO Director-General), Jeremy Rifkin (American economic and social theorist, US), Jacques Attali (French economic and social theorist, France), and Ichiro Kawachi (professor, Harvard School of Public Health) will examine the current state and future of global health care. The various agendas related to the worldwide health crisis will also include discussions on overcoming pandemics with digital and biotechnology, building communities in preparation for disasters, and designing communities for public health. The forum expects these activities to lead to dynamic solutions in response to current global crises.

Kim Jin-yong, commissioner of IFEZ, said, “I am delighted to be holding the 1<sup>st</sup> WHCF in Songdo, Incheon, which is emerging as a global bio hub.”



# CHEONGNA CREATES AN URBAN FOREST AND THEME PARK HAPPY CITY MADE BY CITIZENS

Seo-gu, Incheon, is promoting the Climate-Responsive Urban Forest creation project in Cheongna International City. This year, the planned forest will be created on an area the size of nine soccer fields to reduce pollutants like fine dust. In addition, the parks of Cheongna International City will be renovated under various new themes for the convenience of citizens.



Seoknam leum Forest

## Cheongna Park, Reborn as a Healing Space

Meanwhile, the parks of Cheongna International City are being renovated into healing spaces with various themes. IFEZ will install media façades and optical fiber lighting for the luminous landscape in the 1.1-km section of Changhae and Nokcheong Cultural Parks that connect to Cheongna Canal Way. At the bottom and entrance of the pier of Cheongna Ruby-ro in Changhae Nokcheong Cultural Park, media façades with the theme of “Cheongna, the Happiness I Live in” and “Cheongna, the Village of Blue Jewels” are operated for 30 minutes at 9 and 10 p.m. daily. The Wave of the Universe sculpture, located near the Cheongna 2-dong Administrative Welfare Center, provides shows of constellations in the night sky, snowflakes, and scenery of the blue sea. Along Canal Way, you can admire the colorful, glittering jewels, flower petals, and fish lights swimming in the waterways. Operating hours are from sunset to 10 p.m. In addition, IFEZ planted hydrangeas, flowers, and trees in the island theme park for the Cheongna Lake Park Ecological Festival, presenting beautiful sights for citizens. The reorganization of the Healing Health Track in Cheongna Lake Park has further improved the convenience of residents.

## A Nature-Friendly City Made of Urban Forests

Seo-gu, Incheon, started the Climate-Responsive Urban Forest project last year. With a budget of KRW 6 billion, this project will create 8 hectares of forest in the Simgokcheon green area (Cheongna No. 16 scenic greenbelts; 101-14 Cheongna-dong) and Seoknam leum Forest (222-4 Seoknam-dong). As a green rest area that blocks the inflow of fine dust from nearby industrial complexes and roads, this forest comprises various themed roads, such as for cypress, metasequoia, and Chinese fringe trees. The project will continue throughout the year, with the urban forest to be created in Cheongna scenic greenbelts (No. 14 and 15) and buffer greenbelts (No. 4, 5, 6, and 7) with a budget of KRW 10 billion, including KRW 3 billion from the government. The total area is about 6.4 hectares, which is equivalent to the size of nine soccer fields. One tree in an urban forest absorbs 35.7 g of fine dust annually and removes 168 kg of pollutants per hectare. Once completed, the Climate-Responsive Urban Forest is expected to remove 1,075 kg in pollutants annually. Urban forests also reduce the heat island effect in which temperatures rise in urban centers. Kang Beom-seok, head of Seo-gu Office, said, “The forest-creation project is an important pledge of the 8<sup>th</sup> civil election. We will do our best to improve the residential environment for inhabitants.”

### Climate-Responsive Urban Forest (2023)

#### Location

Cheongna scenic greenbelts No. 14 and 15 / Cheongna buffer greenbelts No. 4, 5, 6, and 7

#### Area

6.4 hectares

#### Budget

KRW 10 billion

#### Expected Effect

Removal of 1,075 kg of pollutants per year



Healing Health Track in Cheongna Lake Park



Theme Garden, Eco Festival Island in Cheongna Lake Park



Changhae and Nokcheong Cultural Park's night-landscape lighting





# SK Bioscience R&PD Center Builds a Global Bio Ecosystem

The establishment of SK Bioscience’s Songdo research center has become visible in earnest. The construction of the global research and process development (R&PD) center began in April and will be completed in the first half of 2025. At this point, SK Bioscience will move its headquarters to Songdo.



## Construction Has Started on a State-of-the-Art R&PD Center

SK Bioscience promoted the construction of a vaccine research and development facility in Songdo International City in 2021. The company has been evaluated as having changed the paradigm of the vaccine market at home and abroad based on its own R&D technology and production capacity recognized globally. To strengthen the vaccine business and expand new business areas, SK Bioscience decided to establish a global R&PD center in Songdo, which offers a locational advantage. The project’s total cost is KRW 325.7 billion, involving the purchase of the expansion complex of the Techno Park in Songdo Zone 7 and with construction to begin in April of this year. In commemoration of this, SK Bioscience and Incheon held the Vision-Proclamation Ceremony for Creating a Global Bio-Vaccine Ecosystem in June. At the proclamation ceremony, Incheon Metropolitan City Mayor Yoo Jeong-bok, IFEZ Commissioner Kim Jin-yong, and SK Bioscience President Ahn Jae-yong promised cooperation to solidify Incheon’s status as a super-gap bio city.

## Creating a Global Vaccine Ecosystem

When the global R&PD center is completed in the first half of 2025, SK Bioscience’s headquarters and research institute in Pangyo, Gyeonggi-do, will move to Songdo. This state-of-the-art R&PD center will carry out the entire process from research to commercial production. Based on the groundbreaking system, SK Bioscience plans to expand its contract development and manufacturing organization (CDMO) worldwide. In addition, the company aims to create a global vaccine ecosystem by securing a new platform and strengthening cooperation with international organizations, domestic and foreign bio companies, and research institutes. To this end, SK Bioscience plans to establish an open lab at the R&PD center to cooperate with global companies and institutions. The open lab is a research space where each institution or company shares and discusses technologies or ideas through cooperation. SK Bioscience and Incheon expect this will help them become the hub of a bio ecosystem coexisting with various bio institutions and industry-academia players worldwide.



“To make Incheon a super-gap bio city, cooperation with companies with global research capabilities is essential. In the future, we will actively cooperate with SK Bioscience to lead the bio-industry.”  
**Yoo Jeong-bok, Mayor of Incheon Metropolitan City**



“Establishing a global R&PD center will create an ecosystem to preemptively respond to new infectious diseases with domestic and foreign partners. Centered on Songdo, we will make efforts to help Korea become a world-class bio powerhouse.”  
**Ahn Jae-yong, President of SK Bioscience**



### SK Bioscience R&PD Center

|            |   |
|------------|---|
| Location   | Songdo Zone 7 Techno Park Expansion Complex<br>Sr14 Lot (178-3 Songdo-dong) |
| Area       | 30,413.8㎡   |
| Budget     | KRW 325.7 billion   |
| Completion | Scheduled for 2025  |



# Attraction of LOTTE Biologics’ Mega Plant: Completion of a Super-Gap Bio City

LOTTE Biologics will move to Songdo International City, where it plans to build a “mega plant” in the form of a huge production plant for biopharmaceuticals in Songdo Zone 11 and to create a “bio campus” that cooperates with ventures and small and medium-sized enterprises in related fields.

## USD 3 Billion Investment – Targeting Completion by 2025

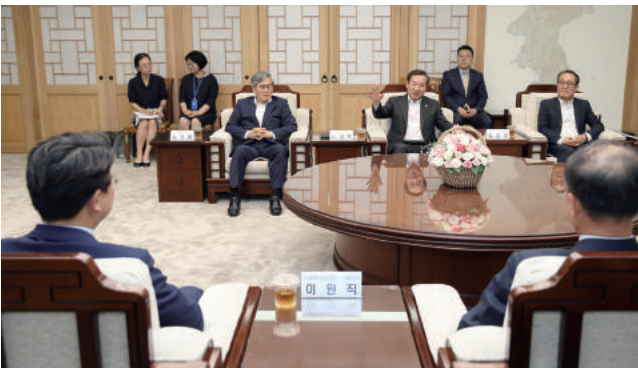
Earlier this year, LOTTE Biologics announced that it would establish a new biopharmaceutical mega plant in Korea, identifying the site as Songdo Zone 11 and submitting a letter of intent to IFEZ. The company plans to invest USD 3 billion (approximately KRW 3.7 trillion) by 2030 to build three antibody drug-production plants with an annual capacity of 120,000 liters and a total production capacity of 360,000 liters. Accordingly, on June 20, IFEZ and LOTTE Biologics signed a memorandum of understanding (MOU) to attract investment in mega plants. Incheon Mayor Yoo Jeong-bok, IFEZ Commissioner Kim Jin-yong, LOTTE Holdings President Lee Hun-ki, and LOTTE Biologics CEO Richard W. Lee attended the signing ceremony. The MOU specifies the parties’ roles for the smooth attraction of biopharmaceutical research and development and manufacturing facilities in the industrial facility site in Songdo Zone 11 and confirms active cooperation to secure the site and start construction of the facility within the year. LOTTE Biologics’ mega plant will begin construction in earnest in the second half of this year. If all goes as planned, it will be completed in 2025, and commercial production will be possible from 2027, following Good Manufacturing Practice (GMP) approval related to pharmaceuticals in 2026. In 2034, the company aims to achieve sales of USD 3 billion, an operating margin of 35%, and the entire operation of three mega plants.

## Establishment of Bio-Venture Initiative

LOTTE Biologics aims to create a bio campus that allows cooperation with ventures and small and medium-sized enterprises in biopharmaceuticals, not limiting its mega plant’s role to production. The company plans to operate the Bio-Venture Initiative, a fostering program, and to ultimately create a domestic bio ecosystem and contribute to discovering new treatments. These corporate goals coincide with the direction of Songdo International City, which has the world’s largest biopharmaceutical production capacity by single-city standards. Songdo, where Korea’s best bio and global raw materials companies are located, maintains its status as a worldwide bio cluster. For continuous development in this field, Songdo is promoting projects for innovative R&D and excellent workforce supply, such as the K-Bio Lab Hub creation project and the construction of a pharmaceutical bio commercialization center. Joining LOTTE Biologics in this direction will further advance Songdo’s bioindustry infrastructure and ecosystem.



MOU signing ceremony for LOTTE investment attraction



### LOTTE Biologics Mega Plant

**Location**  
Songdo Zone 11 Industrial Facilities Land

**Budget**  
KRW **3.7** trillion

**Completion**  
Scheduled for 2025

**Goal(Production)**  
360,000L



“With this investment attraction, Incheon has further solidified its status as a super-gap bio city. We will strive to attract investment and foster industries in high-tech fields, such as bio, so that Incheon may rise as the center of the Korean economy.”  
**Yoo Jeong-bok, Mayor of Incheon Metropolitan City**



“The signing of this MOU is a representative example of Songdo Bio Cluster’s global competitiveness and unlimited potential. We will support the success of LOTTE Biologics’ facility investment.”  
**Kim Jin-yong, Commissioner of IFEZ**



“To start construction on the Songdo mega plant within the year, we will draw active support from the parent company. In addition, we will actively cooperate with Incheon and IFEZ so that the land purchase contract can be concluded as soon as possible.”  
**Richard W. Lee, CEO of LOTTE Biologics**



## Construction Starts on YMT's R&D Center Developing IFEZ's Material, Parts, and Equipment Industry

YMT, a small giant company in the materials, parts, and equipment industry, announced the beginning of the establishment of its R&D center. The R&D center, scheduled to be completed in 2025, is expected to contribute significantly to developing IFEZ's materials, parts, and equipment industry by enhancing technological prowess in electronic parts and biofields.



### Research on Technology in the Field of Electronic Parts and Biotechnology

On June 27, a groundbreaking ceremony for the YMT R&D Center was held in Songdo Zone 5 (210-6 Songdo-dong). About 70 people, including IFEZ Commissioner Kim Jin-yong and YMT CEO Chun Sung-wook, attended the groundbreaking ceremony, sharing congratulatory messages.

YMT is a company whose core business is chemical materials and copper foil used in printed circuit board (PCB) manufacturing, an essential component of the electronics industry. Their products are used as core materials in electronic parts, such as for application in smartphones and tablets made by Apple and Samsung, as well as electric vehicles from Tesla in the US and BYD of China. The R&D center is scheduled to be completed in 2025, comprising of one basement floor and six floors above ground on the Ks10-3 site of Songdo High-tech Industrial Cluster (B). In 2021, as a result of a contest to attract a leading research institute to the Songdo industrial and research facility site, YMT was selected as the preferred bidder. Accordingly, YMT signed a land-sale contract with IFEZ, and construction began within a year and a half. With a total investment of KRW 48.6 billion, the center is planned to serve as a technical research center for various businesses, including chemical materials for electronic parts, ultra-thin copper foils, and metal fabrics in the biofield.



YMT R&D Center

**Location** 210-6 Songdo-dong, Yeonsu-gu, Incheon

**Area** **25,874**㎡  
(1 basement floor and 6 floors above ground)

**Budget** KRW 48.6 billion

**Completion** Scheduled for 2025



Aerial view of YMT's R&D Center



### One of the Top 100 Materials, Parts, and Equipment Companies: A Repository of Technology

YMT boasts excellent technology to succeed in localization through continuous research and development in the gold and copper plating technology market dominated by Japanese and German companies. Recently, it developed ultra-thin copper foil using the electroless method for the first time in the world and entered the market monopolized by a Japanese company. Based on this, in 2020, it was selected as one of the 100 Small Giants in Materials, Parts, and Equipment by the Ministry of SMEs and Startups.

When the Songdo R&D center is opened, YMT plans to expand its business areas to high-tech materials and biofields, such as ultra-thin copper foil, 5G-related chemical materials, antibacterial masks using 100% copper fabric, and composite wound dressings. If this plan is realized, YMT is expected to contribute greatly to developing IFEZ's materials, parts, and equipment industry, leaping forward as a global company by establishing a top-notch research environment for electronic parts, materials, and bio.



"We are trying to establish a new research center in Songdo to secure the world's no. 1 technology in the domestic chemical materials market, which has a high share of advanced countries. We will do our best to contribute to Incheon's economic development."

**Chun Sung-wook, CEO of YMT**



"Congratulations on the construction of YMT's R&D center. In the future, we will focus on making IFEZ a top-notch global city by attracting additional global companies, including small giants in the materials, parts, and equipment industry."

**Kim Jin-yong, Commissioner of IFEZ**



## IFEZ'S ACTIVITIES LEADING INNOVATIVE GROWTH

IFEZ is doing its best to become a future global city by attracting investments from various angles.  
IFEZ's activities leading innovative growth are as follows.

### #01



#### PRESENTING SEVEN FUTURE VISIONS, INCLUDING A K-CONTENT CITY

Last July, IFEZ Commissioner Kim Jin-yong presented seven future visions ahead of IFEZ's 20<sup>th</sup> anniversary. The seven visions presented at the general meeting of the Development Advisory Committee to discuss the vision and strategy of IFEZ are the New Hong Kong City Project, International Financial City, 4<sup>th</sup> Industrial Revolution Corporate City, Global Bio Hub City, Future Smart City, K-Content City, and Tourism & Leisure Hub City. With these visions, Commissioner Kim announced a leap forwards as a first-class city. Specifically, IFEZ aims to establish a city where people worldwide can work and start businesses freely by enacting the Special Law of Global Free Cities of the Future. To this end, they plan to create a 2<sup>nd</sup> Startup Park to form a 4<sup>th</sup> Industrial Revolution enterprise city that realizes technologies in six fields (6T) (information, bio, aviation, and culture). Commissioner Kim also mentioned creating the world's best global bio hub city through K-bio fostering, along with a jump ahead as a production base for K-content. Regarding developing a tourism and leisure hub city, he promised to utilize Incheon's regional characteristics (Incheon International Airport and 168 islands), the Inspire Entertainment Resort, and the high-rise landmark tower currently being promoted. Incheon Metropolitan City Mayor Yoo Jeong-bok, who attended the event, emphasized, "It is time to seek a breakthrough for the sustainable development of IFEZ. It is more important than ever to bring out the infinite potential of IFEZ."

### #02

#### OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM (ISO 45001) INTERNATIONAL CERTIFICATION ACQUIRED

IFEZ became the first free economic zone in the country to acquire the "Occupational Health and Safety Management System (ISO 45001) certification" from the International Organization for Standardization (ISO). ISO grants this international standard by carefully examining safety and health management regulations and system-construction status according to management policies. In May last year, IFEZ established an organization dedicated to serious accidents and a safety and health management system. With the ISO certification recognizing its achievement, IFEZ has solidified trust in safety and health among workplace staff and internal/external customers and has enhanced its external status. Meanwhile, the IGC Foundation also obtained the same accreditation. The Incheon Metropolitan Facilities Management Corporation's Cheongna Park Project Group manages Cheongna Lake Park and has received certification for the environmental management system (ISO 14001).



### #03

#### IFEZ YEONGJONG MANAGEMENT DIVISION MOVES TO A NEW BUILDING

IFEZ relocated the office of Yeongjong Management Division to Unseo Station. The division was located in the Yeongjong Sky Culture Center, handling various civil affairs, such as real estate, the environment, architecture, and parks in the Yeongjong area (54.3 ㎢) within the free economic zone. However, public transportation problems made access difficult for citizens. To solve this issue, IFEZ invested KRW 1.5 billion to build a new structure with a total floor area of 392 ㎡ on the roof (5<sup>th</sup> floor) of the Unseo Station public parking lot, which is easily accessible for citizens. Work in the new office building began in May, while the former building will be remodeled and used as a venue for new programs, such as language classes, hobbies, and humanities, beginning in October.





# #04

## IFEZ WILL ATTRACT AN AFFILIATED MARINE RESEARCH INSTITUTE OF GHENT UNIVERSITY, BELGIUM

IFEZ signed a memorandum of understanding (MOU) to attract Marine@Ugent, a marine research institute affiliated with Ghent University in Belgium. Established in 2012, Marine@Ugent is the world’s largest marine convergence research institute, with about 500 professors and researchers. IFEZ has long been negotiating to attract the Marine@Ugent branch to Songdo in order to strengthen Incheon’s status as a maritime city. IFEZ plans to proceed with the Ministry of Trade, Industry, and Energy’s deliberation process based on related business plans. The attraction of Marine@Ugent will significantly contribute to developing marine science technology and the maritime industry in Incheon and Korea by promoting global joint marine research and development (R&D) and fostering new marine sectors.



# #05

## YOUTH-STARTUP NETWORKING PROGRAM SUCCESSFULLY COMPLETED

The Youth-Startup Networking Program, hosted by IFEZ and Incheon Startup Park, ended on a high note. This program was designed to strengthen the employment and entrepreneurship capabilities of young people in Incheon and to cultivate professional knowledge. Participants included five companies (DATAIZE, Mobilio, NMOTION, idciti, 21<sup>st</sup> Century Ad) and 30 young people in Incheon. Starting with Matching Day for young people and startups in July, the program proceeded with various events, such as education to strengthen youth capacities, meetings with personnel managers at large corporations and public institutions, and final presentations. Participants experienced systematic education and on-the-job training for marketing jobs while collaborating with startups.



# #06

## IFEZ SIGNS A BUSINESS AGREEMENT WITH THE KOREA ASSOCIATION OF HAKWON FOR SONGDO AS AN ENGLISH-SPEAKING CITY

IFEZ signed a mutual business agreement with the Incheon branch of the Korea Association of Hakwon to promote Songdo as an English-speaking city. The main contents of the agreement include forming a consensus on promoting English-speaking cities, joint efforts to discover projects, and seeking ways to cooperate through mutual partnership establishment. The two organizations plan to discuss specific action plans in the future to realize these goals. The project aims to promote investment attraction from companies and convenience in daily life for foreign residents. Accordingly, through this agreement, the organizations intend to consider efficient English education as a strategic preparation for future generations.



# #07

## IFEZ HOSTS A NETWORK OF INNOVATIVE GROWTH PLATFORM EXPERTS

IFEZ held the 10<sup>th</sup> Innovative Growth Platform Working-Level Network, where industry, academia, research institutes, and government experts discussed discovering global corporate talent. The event was attended by working-level staff in the human resources field at representative companies like Samsung Biologics, Celltrion, and POSCO E&C, as well as officials from the Incheon Chamber of Commerce and Industry, Incheon Techno Park, and Incheon Global Campus universities. They shared their opinions on recruitment and had time to explain various systematic programs related to the recruitment process. Through this, the companies, universities, and institutions made a promise to continue consultations with each other so that they can secure and nurture global talent.



# #08

## ANNOUNCING THE ESTABLISHMENT OF STARFIELD CHEONGNA, A MULTI-STADIUM SHOPPING MALL

IFEZ hosted a vision-proclamation ceremony for Starfield Cheongna, which will promote convenience for residents of Cheongna International City. Starfield Cheongna will be built in Cheongna-dong, Seo-gu, with a total floor area of 500,000 m<sup>2</sup>, covering three floors below ground and six floors above ground. This project is targeted for completion by the end of 2027, at which point Starfield Cheongna will become a world-first multi-entertainment complex, presenting cultural events like sports games and performances throughout the year and a super-large shopping mall. Citizens will be able to enjoy baseball games and various forms of entertainment at Starfield Cheongna’s specialized hotel rooms, infinity pool, food-and-beverage facilities, and dining bars. IFEZ expects Starfield Cheongna, a new landmark for Cheongna, to significantly contribute to regional development.

# #09

## CONSTRUCTION OF AN RC SPORTS STADIUM IN SONGDO DALBIT PARK

A radio-controlled (RC) sports stadium, a pledge of the 8<sup>th</sup> civilian-elected mayor of Incheon, will be built in Songdo International City’s Dalbit Park. IFEZ signed a business agreement with the Korea RC Sports Association regarding creating RC sports venues. This agreement includes providing necessary materials and expert advice for RC sports venues and hosting domestic and international RC sports events at the stadium. IFEZ plans to create an RC sports arena as Korea’s first on- and off-road circuit to host world events. In addition, Dalbit Park’s golf course and other existing facilities will be renovated.







**WE LEAD THE FUTURE  
DRONE MARKET  
WITH A DRONE-CONTROL  
SYSTEM IN THE SKY**

CLROBUR, which provides drone-integrated control platform services, is creating new wind in the drone industry, one of the core technologies of the 4<sup>th</sup> Industrial Revolution. Another way to look at CLROBUR, which supports autonomous drone operation, is as a control tower in the sky.



**CLROBUR**  
**Date of Establishment**  
July 25, 2019  
**Type of Business**  
Development of drone operating software  
**Products**  
DROW GCP(Drone Ground Control Platform)  
**Address**  
#403, Insta #1, 204 Convensia-daero, Incheon,  
Republic of Korea



◀ Go to **YouTube**  
**Scan with your mobile phone right now!**  
You can check out CLROBUR on IFEZ's YouTube channel.

**Korea’s First 3D Map-based Drone-Integrated Control Platform**

Drones, which are called an aggregation of cutting-edge technologies, organically connect local communities by increasing the function and convenience of cities. Drones are used in various fields, from military use to construction, logistics, traffic observation, and agricultural photography. With the rapid spread of drones worldwide, the need for a control platform for safe flight has emerged. CLROBUR is known as a company that brought a new wave to the drone industry with web-based integrated ground-control platform services. While existing drone services have limitations in securing accurate data and figuring out flight schedules with the implementation of 2D maps, CLROBUR has developed a drone-integrated control platform (DROW4D) based on 3D maps for the first time in Korea.

The drone-integrated control platform is a system that can simultaneously perform integrated control and monitoring of various uncrewed aerial vehicles. Imagine drawing a flight path freely on a piece of paper. The control platform helps a drone fly smoothly along this route. To this end, the system collects various bits of information to design and suggest optimal flight routes. It is also differentiated from existing systems in that it can respond immediately in case of danger through an AI-based intelligent system. Another service is DROW-World, a swarm flight simulator. This service provides indoor and outdoor flight-simulation functions based on a web browser. Representative applications include various performances using drones and drone art shows in the night sky.







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- 1 Briefing the Ministry of Land, Infrastructure, and Transport at the CES 2023 Fair.
- 2 CEO Choi Tae-in explains hydrogen fuel cell drones to the Prime Minister.
- 3 Explaining about technology of CLROBUR at the Ulju-gun drone-integrated control center. The Ulju-gun drone-integrated control center explains the technology of Clover Studio.

Drone-Application Services Based on Original Technology

CLROBUR derives optimal solutions from product implementation to problem-solving. The driving force behind this company's pioneering of new paths in the drone industry has been the passion of CEO Choi Tae-in, who has been immersed in platform development by directly carrying out drone software-related projects at the Incheon Smart City Corporation. Taking advantage of his experiences leading the project, CEO Choi founded the company with the determination to build a drone software company to lead Korea and the world. CLROBUR, now in its fourth year of operation, holds patents and platforms related to drone control and recently won the CES Innovation Award for a third consecutive year (following 2021 and 2022) at the International Consumer Electronics Show CES 2023. CLROBUR continues its

collaborations with various organizations, such as the Spatial Information Industry Promotion Agency (SpaceN) and Seoul Metro, based on its own technology. CLROBUR is now moving towards another path. To preemptively respond to the urban air mobility (UAM) market, which makes passenger transportation possible, the company is promoting business cooperation with FREQUENTIS, the no. 1 air-traffic management (ATM) software company, and OneSky, an artificial control company. CLROBUR will also develop drone-manufacturing hardware technology, with plans to move into the future with certainty by predicting the market without losing sight of the promises set at its establishment. CLROBUR's challenge continues, and the dream is as strong as ever for becoming the global drone control tower.

MINI INTERVIEW



Choi Tae-in  
CEO of CLROBUR

Nice to meet you. Can you please briefly introduce CLROBUR?

Established in July 2019, CLROBUR operates a company-affiliated research center and four sales offices. The “CL” in CLROBUR is a transliteration of the Korean pronunciation of “big.” Meanwhile, “ROBUR” means “oak” in Latin. In other words, CLORBUR signifies that our company will grow into a big tree to establish a new ecosystem of space-creating and servicing drones. Currently, CLROBUR is working hard on research and development to foster various markets using drones and with the vision of becoming a company that builds drone highways in the sky.

What are the unique features of CLROBUR compared to other companies?


CLROBUR has a unique core technology. As a representative example, we have received a patent for an Intelligent Drone Flight Planning Method and Drone Control System using the same, along with a 4-dimensional path display method for uncrewed vehicles using a point cloud. We filed a PCT international application for this technology in 2021 and received a patent in the United States in 2022. Since technologies to be patented are complex, we have subdivided them.

CLROBUR has made its name in the industry by winning the Innovation Award for three consecutive years at the Consumer Electronics Show (CES). Such outstanding technology must come as a result of your research center. What areas are you currently focusing on?

From the customer's point of view, all products have problems. CLROBUR always looks for new trends and market changes to solve any existing issues and derives solutions through ceaseless research and development. To this end, we are focusing on creating software to provide convenience to end users by resolving unexpected problems during product implementation.

What are CLROBUR's goals and plans for the future?

CLROBUR has the ambition and vision of becoming the most competitive company in the world — beyond Korea — in the drone-application service business. Drone-application software development always requires experienced personnel. For this, our primary goal is to grow into an organization capable of stable management, even in rapidly changing environments. In the future, we also dream of establishing a branch office in the United States in order to open up worldwide markets — including the United States.



◀ Go to Website!

[www.clrobur.com](http://www.clrobur.com)



As Korea's first night tourism city, Incheon received this title last year from the Ministry of Culture, Sports, and Tourism. In line with this, Incheon has launched campaigns selecting sunset and night view spots. Check out some of the hot spots selected among the 24-view attractions in Songdo, Gaehangjang, and Wolmido, as voted on by citizens and tourists.

## The Fantasy of Incheon Begins at Sunset Unforgettable Sunset and Night View Spots



01

# Central Park

Central Park is Songdo's representative landmark. As the first seawater park in Korea, it covers an area of 63,390 m<sup>2</sup> and is 1.8 km long. A freshwater canal runs through the middle of the park. The long promenade and wide lake offer perfect relaxation in the middle of the city, while the crescent-moon-shaped boat that swims on the lake at night creates a mysterious element cutting through the darkness. This park is famous for its beautiful ambience after dark, earning it the top spot in this poll. You can also enjoy the quiet night scenery of the Hanok Village on the other side of Central Park.

| Address | 160 Convensia-daero, Yeonsu-gu, Incheon

## 02 Long Beach Park

In December last year, a new sunset spot, Songdo Landmark City No. 1 Waterside Park, was unveiled in Songdo International City. This park, created at the end of Songdo Zone 8, is also called Long Beach Park because of the long promenade running along the beach. The ocean view facing the benches and observatory here will give you time and space for healing. Take advantage of the sunset when planning to visit the park. The sun, throwing glitter across the sea, starts to lean over Incheon Bridge before painting the whole world in sunset shades.

| Address | 308-2 Songdo-dong, Yeonsu-gu, Incheon



## 03 Wolmi Theme Park

Incheon's representative tourist destination, Wolmido, is always crowded with people. Among the top sites is a place that truly symbolizes Wolmido's atmosphere full of laughter and joyful sounds. Wolmi Theme Park has various rides, such as Disco Pangpang and the Viking. You may lose track of time at this small but perfectly assorted theme park, but don't be disappointed when you realize that the sun is already setting. Instead, take a few memorable shots from the colorfully lit merry-go-round and Ferris wheel.

| Address | 81 Wolmimunhwa-ro, Jung-gu, Incheon



## 04 Open port

With the opening of Jemulpo Port, foreign cultures first started pouring in and mixing with others in Gaehangjang. Even today, buildings rich with long histories and emotional tales can be found on every street. As you walk along Gaehangjang Street, which retains the old scenery, you will be greeted by unique shops, such as workshops, photo studios, prop shops, and antique cultural assets. Walking along this street, especially at night, you will feel as if you have gone on a romantic trip through time. Kwandong Church, with impressive red bricks, and Munhaksomaejeom, a charming bookstore, are particularly famous for their uniquely beautiful night views.

| Address | Sinpo-ro 27beon-gil, Jung-gu, Incheon







## 05 Triple Street

As its name implies, Triple Street is a shopping complex built around three main streets. This shopping mall is divided into Ground Street, a shopping street with fashion stores; Under Street, full of mouth-watering restaurants; and Park Street, built on the roof as a place for taking a break. The ceiling of the four zones (A, B, C, and D) lined up side by side is decorated with the Wave Sky, which expresses the sky path with colorful paper. Visitors can enjoy leisurely shopping while looking at this splendid sky road. As the sun sets, head up to the rooftop garden in Area D, where a wonderful sight awaits you.

**Address** | 33-4 Songdogwahak-ro 16beon-gil, Yeonsu-gu, Incheon



## 06 Tribowl

Standing tall on one side of Central Park, the Tribowl shows off its presence with a unique curved design. The building, standing upside down on the bottom of a wide pond, demands people's attention. The Incheon Foundation for Arts and Culture uses the Tribowl as a cultural art complex, with the circular performance hall and multi-purpose hall inside regularly serving as the stage for various cultural events. At night, the exterior of the building casts a soft blue light on the pond, creating an atmosphere to rival a scene from a science-fiction movie.

**Address** | 250 Incheon Tower-daero, Yeonsu-gu, Incheon



## 07 G Tower

The G Tower, IFEZ's main building, was built in 2013. It plays a central role in the business of Songdo International City, as various international organizations, along with IFEZ, Incheon City Hall, and UN-affiliated organizations, are located within it. During the day, the building is mainly used as a space for business, while at night, it becomes a stage for capturing the night views of Songdo. In particular, from the Sky Garden on the 29<sup>th</sup> floor and the Public Relations Hall observatory on the 33<sup>rd</sup> floor, which are over 100 m off the ground, you can look down upon the city with a view centered around Central Park and POSCO Tower Songdo.

**Address** | 175 Art Center-daero, Yeonsu-gu, Incheon



## 08 Wolmisan Mountain

Wolmido is full of exciting spots. It's culture street is lined with delicious restaurants and pretty cafes, while the theme park allows visitors to enjoy various rides and to overlook the scenery of the West Sea while riding the monorail. However, the true charm of Wolmido shines even brighter at night. As the sun goes down and darkness falls, the various lights of Wolmido come together to form a fantastic setting. There is an observatory on Wolmisan Mountain, which rises gently at the center of Wolmido. You can enjoy the splendid night view there while sipping on a coffee at the observatory cafe.

**Address** | 125 Bukseong-dong 1-ga, Jung-gu, Incheon



## 09 Jayu Park

As you walk through Chinatown, you will soon find yourself arriving at Jayu Park. Surrounding the low Eungbongsan Mountain (with a height of 69 m), this place became Korea's first modern western-style park. The park is also well known for the statue of General MacArthur standing dignifiedly in the middle. In spring, the cherry blossoms come into full bloom, creating spectacular views across the park, while the observatory overlooking Incheon Port presents a famous night scene. There is one more hidden point to mention: when you climb the stairs leading from the side street of the parking lot at night, your heart will surely go aflutter with the soft lighting that surrounds you in warmth and wonder.

**Address** | 1-1 Songhak-dong 1-ga, Jung-gu, Incheon







Lots of Fun at Yeongjong Sea

## COAST TO COAST

This past summer, the east and west beaches of Yeongjongdo were crowded with visitors. In the east, they could face the sea more closely; in the west, a festival offered respite from the sizzling heat. Let's learn more about the summer sea of Yeongjong, boasting the stunning beauty of the sunlight's glittering reflection.

### The Road Brings You Closer to the Sea

Yeongjongjin, at the eastern end of Yeongjongdo Island, where a rail bike course is set up, along with Gueup Batteo and a forest-experience center, has recently added yet another attraction: a dule-gil (trail) has been built along Yeongjongjin Park's coast. This trail starts at the Yeongjong Seaside Rail Bike entrance and continues to the Western Grace Hotel, stretching out for a length of 230 m. Citizens who previously had to bypass this section or cross it by stepping over the sandy beach have welcomed this new dule-gil, thanks to which they can now comfortably walk right up to the sea. There are also two shelters in place, offering more options for spots to rest and look out at the incredible scenery. If all of that is not enough, there are also nearby tidal flats exposed at low tide, or visitors can take a stroll through Yeongjong Sky City Park right next door. All in all, the dule-gil showcases the beautiful nature and provides healing to those who visit Yeongjongjin.



- ① The trail along the coast of Yeongjongjin.
- ② The trail has been created in order to enjoy the sea more comfortably.
- ③ The trail begins at the entrance of the Seaside Rail Bike.
- ④ The road is connected to Yeongjongjin Park, so it is good for a walk.
- ⑤ If you climb the pavilion in Yeongjongjin Park, you can capture the panoramic view of the sea.



### EAST COAST Yeongjongjin Coastal Trail

**Address** 1957-3, Jungsan-dong,  
Jung-gu, Incheon

**Course** Entrance of Rail Bike~Western  
Grace Hotel (230 m)

**Contact** ☎ 032-456-2977

※ In case of strong winds or high tide,  
access is prohibited. Bicycles and other  
two-wheel vehicles must take a detour.





Unique Experiences at Sea

On the west coast of Yeongjongdo, there are many famous beaches, such as Eulwangni, Wangsan, and Masian. Among them, be sure to visit Wangsan. If you go a little further from the shore, there is Wangsan Marina, a port where various yachts come and go. Last summer, the Yongyu Sea Festival was held here, which made full use of the exotic scenery on hand. IFEZ hosted this festival with the theme of “Yachts & Highballs” to provide citizens with unforgettable memories of the summer sea.



**WEST COAST**  
Yongyu Sea Festival with  
Yachts and Highballs

|                  |   |
|------------------|---|
| <b>Host</b>      | IFEZ  |
| <b>Supervise</b> | Incheon Jung-gu Cultural Foundation                         |
| <b>Address</b>   | Wangsan Marina<br>(143 Wangsanmarina-gil, Jung-gu, Incheon) |
| <b>Program</b>   | Yachting, Highball Tasting, Water Park, Art Market, Concert |

For most citizens, a yachting experience is a rare opportunity. About 10 passengers who applied for the program climbed aboard the yacht with untethered excitement. The vessel then left the port and sailed on the coastal waters of Yeongjongdo, allowing the passengers to enjoy the cool sea breeze for about an hour while delighting in this new experience. On one side of the festival venue, a highball club was held. The bartenders presented a splendid cocktail show, pleasing the eyes and mouths of all in attendance. Visitors then joined a water-gun competition and ice-treasure hunting at the water park. Meanwhile, the experience booths presented various programs, such as making dalgona, fashion tattoos, and pinwheels, adding even more fun to the already exciting day.



The opening ceremony started at 6:00 p.m., coinciding with the heat's subsiding. First, a children's choir and calligraphy performance opened the event, with the festival's title written out skillfully on a banner, formally welcoming the audience. In a congratulatory speech afterwards, IFEZ Commissioner Kim Jin-yong said, "I hope Yeongjong International City and Incheon will leap forward as world-class tourism and leisure hub cities through the Yongyu Sea Festival." The highlight of the opening ceremony followed in the form of a celebratory performance, where famous artists like Rhythm Power, Kisum, Young Ji, Dream Note, Na Tae-joo, and Bada took to the stage one after another to bring the heat back to this summer night.

◀ Go to **YouTube**

Scan with your mobile phone right now!

You can check out the Yongyu Sea Festival on IFEZ's YouTube channel.

- ① The children enjoyed a water-gun fight at the water park.
- ② Citizens enjoyed the festival with a rare yachting experience.
- ③ Guests conducted a calligraphy performance.
- ④ Famous singers took to the stage for the celebration.

MINI INTERVIEW



“  
**Choi Ri-an and Choi Young-eun**  
(Jungsan-dong, Jung-gu)

We live in Yeongjongdo. We found this event from a festival-promotion banner hanging on the street. We knew Wangsan Marina had a lot of events, but this is our first time joining in person. We made a plaster air freshener in the experience booth as soon as we arrived. I am so excited to eat delicious food from the food trucks and to see the splendid performances. I hope to see more festivals like this in the future.

”



# THE ONLY POTTERY CREATED BY MY OWN HANDS

## GREEN CELADON POTTERY CLASS AT THE GLOBAL CENTER

The Global Center of IFEZ provides various living support and cultural programs for international residents in IFEZ. The center's Green Celadon Pottery Class held in July was an excellent opportunity for residents to experience traditional Korean culture.



### The Charms of Korea Experienced by Foreigners

Here is a lecture room in the Global Center, located on the first floor of the IFEZ building. A few foreigners entered the room to take a seat, and the number soon grew to 20. They all gathered here to take part in the Green Celadon Pottery Class, which was planned by the Global Center to help international residents better understand Korea's history and to introduce green celadon pottery, an aspect of cultural heritage for Incheon. At the center of it all was Kim Gap-yong, a pottery master who served as the class' instructor for the day, and the students' curious eyes could not help but be drawn in by Kim's mastery as he sat at a pottery wheel, effortlessly working the clay.

### GLOBAL CENTER INFO

#### Address

1<sup>st</sup> floor,  
175 Art center-daero,  
Yeonsu-gu, Incheon  
Mon.-Fri. 09:00~19:00  
☎ 032-453-7350  
ifezglobal@korea.kr

#### Operating Hours Contact E-Mail



◀ Go to  **YouTube**  
Scan with your mobile phone right now!

You can check out the Global Center's programs on IFEZ's YouTube channel.





MY OWN ARTS

The Process of Creating My Own Piece

“Today, we will work on the porcelain bottom part and design,” Kim said. In the first session, last week, international students completed the basic shapes of pottery. In today’s class, they are ready to move on to the next level. They put their work on the table and pay attention to the instructor’s words. “Dig out the middle of the bottom. You should handle it carefully so as not to ruin the shape.” After listening to these instructions, the students started working on their own. No matter how careful they were, most students’ pieces became bumpy, highlighting the challenges of digging the pottery out smoothly. Some had to re-knead the clay for maintenance work. In the end, the instructor helped them all shape their pottery to some extent. It was regrettable that they could not complete the whole process entirely on their own, but the students were still enthralled by their work while listening to the instructor’s explanations.

Over the course of an hour, the students barely managed to complete the bottoms of their pieces, but it now came time to add a few personal touches. The students agonized over which pattern to choose for their design before engraving the bottom or side of the work. They drew various patterns, such as comb patterns, wave patterns, leaves, and fish, according to their tastes. They were earnest about making their one-of-a-kind pottery pieces. “If you engrave patterns too deeply, it may break your work when baked. Be careful.” The instructor’s advice made the students more focused.

While engrossed in design work, the students did not even realize it was time to wrap up the second session. Looking at the results of their hard work, some students were disappointed, while others were more satisfied. They will complete their pieces during the final session next week. With great anticipation for the results to come, the instructor and students promised to meet again soon. The students in attendance commented, “The subtle color and texture of green celadon is beautiful and attractive. The experience of touching the soil and turning the pottery wheel was amazing and fun.”



MINI INTERVIEW



1. Yessica Nicolas (Mexico)

At first, I felt weird when I touched the clay. I couldn’t imagine how such soft clay would become hard pottery. It was hard to follow because I’m not good at English or Korean, but I made my pottery well.



2. Nagendran Rajalingam (India)

It was a really new experience. I knew what pottery was, but I had no idea how to make it. Learning the process of making it in detail was meaningful through this lecture. I can’t wait to see what the final result will look like.



3. Firsova Galina (Russia)

At first, I was afraid that I would not be able to make pottery properly, but with the teacher’s help, I managed to create a beautiful piece. It’s my first time, but I think it suits my aptitude. My only complaint is that the three-session class is too short. It should have been longer.



4. Shakira Daniel (United Kingdom)

It was an honor to meet the master potter. Making pottery was very difficult, but it was just as fun and rewarding. I have lived in Songdo for two years and have taken several programs at the Global Center. I look forward to other fun programs.