

## **Transportation Access**

#### Train

Akihabara Station

Akihabara Station

(Tsukuba Station

(Tsukuba Express)

Mito Station

Tsuchiura Station

(Joban Line (Limited Express))

Tsuchiura Station

(Joban Line (Limited Express))

Tsukuba Center (bus)

#### Car

Misato IC ← 20min → Yatabe IC (Joban Expressway)

Mito IC ← 25min → Sakura-Tsuchiura IC (Joban Expressway)

#### Highway

Tokyo Station  $\leftarrow$  65min  $\rightarrow$  Tsukuba Center Mito Station  $\rightarrow$  80min  $\rightarrow$  Tsukuba Center

#### Access from the Major Airports

Narita Airport  $\longleftrightarrow$  55min  $\longleftrightarrow$  Tsukuba Center (highway bus)

Haneda Airport  $\longleftrightarrow$  120min  $\longleftrightarrow$  Tsukuba Center (highway bus)

Ibaraki Airport  $\longleftrightarrow$  55min  $\longleftrightarrow$  Tsukuba Center (highway bus)



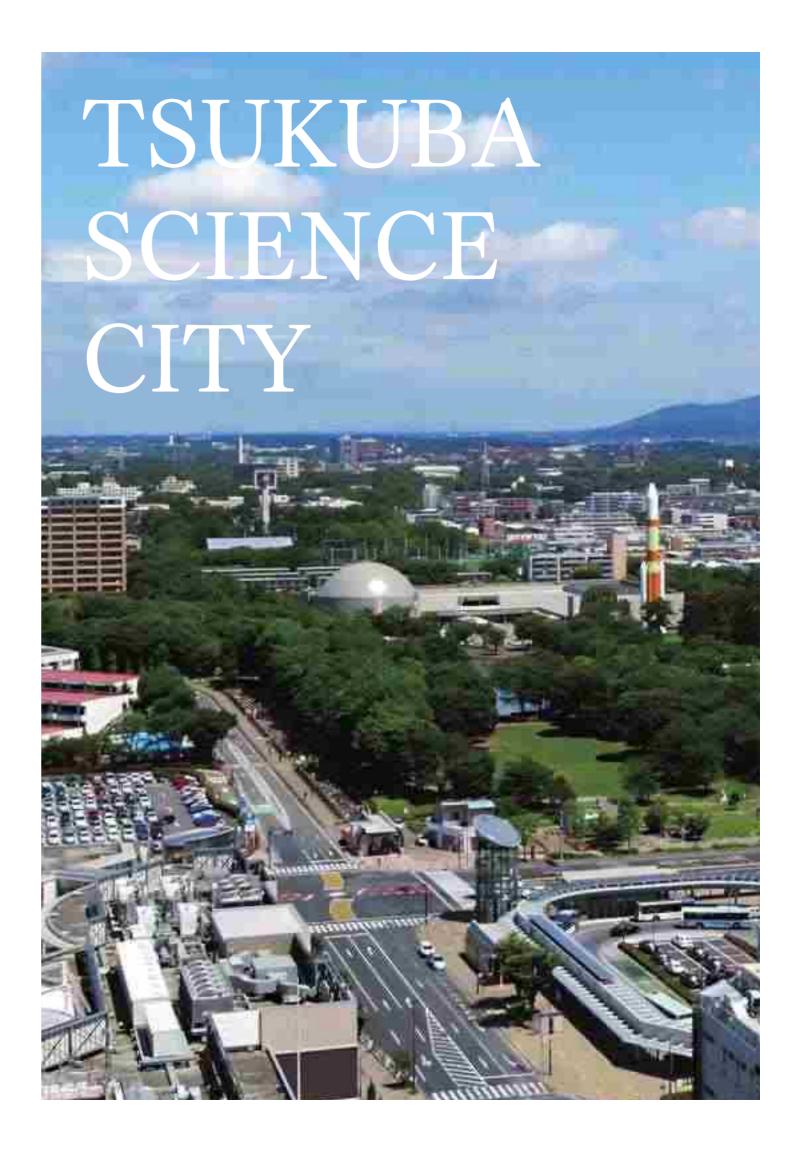
## Regional Development Division Ibaraki Prefecture Department of Policy Planning

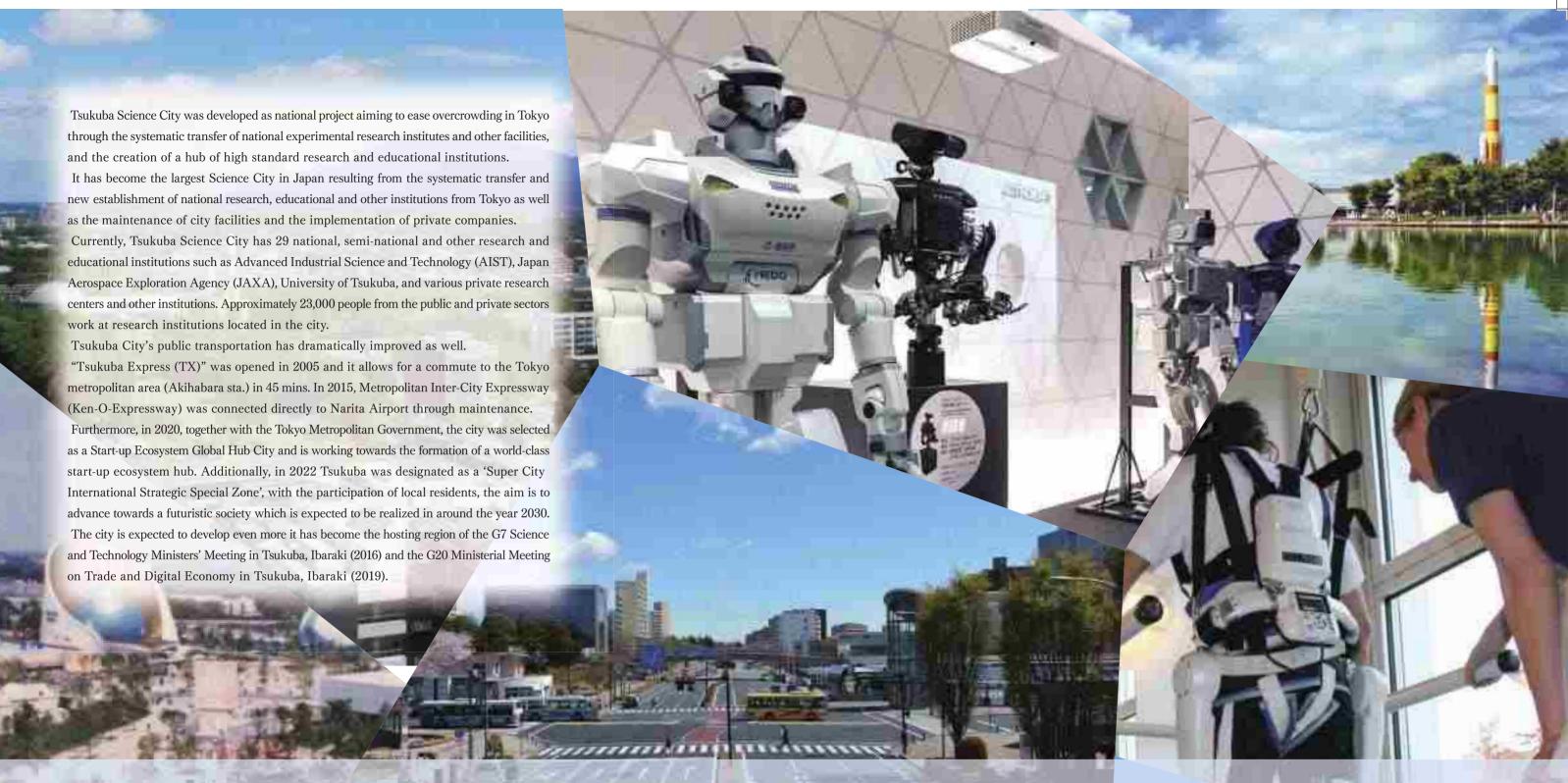
978-6 Kasahara-cho, Mito, Ibaraki Tel: 029-301-2678 https://www.pref.ibaraki.jp/soshiki/kikaku/chikei/index.html



Published in March, 2025

**IBARAKI Prefectural Government** 





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## Introduction of the City

Tsukuba Science City is located at about 50km North East of the metropolitan area of Tokyo and has excellent access from the metropolitan area including an approximate 45 min train ride from Akihabara Station by the Tsukuba Express (TX), and approximate 45 min car ride from Narita Airport using the Metropolitan Inter-City Expressway (Ken-O-Expressway).

Tsukuba Science City is formed by entire regions of Tsukuba City, and consists of "Research Center District" and "Surrounding Development District". The former is a district where national, semi-national and other research and educational institutions, commercial and business facilities, as well as a residential area (Appx. 2,700 ha) are systematically allocated. The latter district is the balanced surrounding area of the "Research Center District" that is planned for development (Appx. 25,700 ha). The city's population is about 240,000, of

which about 10,000 are foreigners,

representing 4% of the population.

Reference: "2020 Population Census".



The international Exposition Tsukuba, Japan(1985)



G20 Ministerial Meeting on Trade and Digital Economy in Tsukuba, Ibaraki (2019)



## History of the City's Founding

In 1963, the founding of the city was approved by the Japanese government. After 1970, construction of residential areas, research and educational institutions continued, and the relocation of 43 research and educational institutions planned in 1980 (currently 29 institutes due to consolidations and other circumstances) was completed.

Relocations of large-scale commercial facilities to the city continued and in 1985, the International Exposition Tsukuba, Japan, which served as an opportunity to spread the "TSUKUBA" name to the world, was held.

In 2005, the TX (express train) started its operation. Following this, the surrounding environment of the city has dramatically improved through the opening of Ibaraki Airport and the Ken-O-do expressway and other projects. In 2011, Tsukuba City was designated as Tsukuba International Strategic Zone and Tsukuba Science City celebrated its 50th anniversary in 2013 from the approval of Japanese government and has since flourished as a hub for scientific technology.

Since then, the city has grabbed the world's attention due to hosting the G7 Science and Technology Ministers' Meeting in Tsukuba, Ibaraki (2016) and the G20 Ministerial Meeting on Trade and Digital Economy in Tsukuba, Ibaraki (2019)

# O3 Hub of R&D Centers and their Activities

## Research and educational institutions

Through the systematic transfer of national research and educational institutions from Tokyo, there are currently 29 researches and educational institutions established in Tsukuba Science City aiming to ease overcrowding in Tokyo and conduct high-quality research and education.

The city is near the metropolitan area of Tokyo and has rich nature, attracting many private research centers and making it the largest hub of scientific technology in Japan.



Advanced Industrial Science and Technology (AIST)



High Energy Accelerator Research Organization (Photon factory)

## National Research and Educational Institutions

(29 institutions that were selected for transfer or new construction by the Science City Construction Promotion Headquarters)

#### Cabinet Office: ①National Archives of Japan, Tsukuba Branch Ministry of Foreign Affairs: 2 Japan International Cooperation Agency Tsukuba International Center Institutions Ministry of Education, Culture, Sports, Science, and 4 institution **Educational** Technology: ③University of Tsukuba 7 institutions Tsukuba University of Technology 5 High Energy Accelerator Research Organization 6 National Museum of Nature and Science, Tsukuba Region 7 National Institute for School Teachers and Staff Development Ministry of Internal Affairs and Communications: ®NTT Access Network Service Systems Laboratories, **Biological** Tsukuha R&D Center Ministry of Education, Culture, Sports, Science, and Institutions (9) National Research Institute for Earth Science and Construction 8 institutions Disaster Prevention Ministry of Land, Infrastructure, Transportation, and 6 institutions @Geospatial Information Authority of Japan (1) National Institute for Land and Infrastructure

Ministry of Education, Culture, Sports, Science, and Technology: Engineering nstitutions

<sup>12</sup>Public Works Research Institute <sup>13</sup>Building Research Institute

(4) National Institute for Materials Science 15 JAXA Ministry of Economy, Trade, and Industry: 16National Institute of Advanced Industrial Science

Ministry of Land, Infrastructure, Transportation, and Science and Meteorological Research Institute

18 Aerological Observatory Meteorological Instrumentation Testing Center Ministry of the Environment:

onal Institute for Environmental Studies

Ministry of Education, Culture, Sports, Science, and Technology:

②RIKEN Tsukuba District Ministry of Health, Labor, and Welfare: 22 National Institute of Biomedical Innovation,

Health and Nutrition, Tsukuba Primate Research Center <sup>3</sup> National Institute of Biomedical Innovation, Health and Nutrition Research Center for Medicinal Plant Resources

Ministry of Agriculture, Forestry, and Fisheries: <sup>3</sup> Tsukuba Business-Academia Cooperation Support Center, Agriculture, Forestry and Fisheries Research Council Secretaria

3 National Agriculture and Food Research Organization

<sup>36</sup>Japan International Research Center for Agricultural Sciences ②Forestry and Forest Products Research Institute

<sup>28</sup>Yokohama Plant Protection Station, Tsukuba Field

Ministry of Education, Culture, Sports, Science, and Technology:
②Tsukuba Center for Institutes

Total 29 institutions

\*total area is 1,400ha

TSUKUBA SCIENCE CITY 3 TSUKUBA SCIENCE CITY



## Researchers and research exchanges

A total of 23,000 people from the public and private sectors work at research institutes located in Tsukuba Science City, and various research exchanges are conducted.

Furthermore, the city constantly attracts foreign researchers including those who visit the city for business or international conferences from all over the world for its high level research environment, making it a city where world-class skilled individuals can actively take part in their work.

■ Number of persons working at research institutes in Tsukuba City \*including non-researchers

Numbers	National and Local Governments	Private and Public Organizations	Total Sum
Tsukuba City	582	22,430	23,012

Source:2021 Economic Census for Business Activity

Per100,000 people	National and Local Governments	Private and Public Organizations	Total Sum
Tsukuba City	240.8	9,281.8	9,522.6
National Average	24.7	221.3	246.0

Source: 2021 Economic Census for Business Activity and estimates from 2020 Population Census

## Foreigner Researcher Housing

Foreign researcher housing is provided for foreign researchers, and their families, who conduct research projects in research institutions and universities.



Ninomiya House International Residence for Researchers

## Various Exchange Events

#### **Tsukuba Science Academy**

Established in 2000 through the help of Dr. ESAKI Leo, recipient of the Nobel Prize for Physics and former president of the University of Tsukuba. It offers cross-disciplinary research exchange events for scientists and technologists to report their findings, independent and informal interaction opportunities for researchers, and seminars on science and technology. https://www.science-academy.jp/

#### TSUKUBA CONNÉCT

In order to build a global hub for startups, primarily in Tsukuba, Tsukuba Connect is hosting regular exchange and pitch events for entrepreneurs, investors, researchers and enterprises in various fields.

https://venturecafetokyo.org/programs/tsukuba-connect/

#### **Tsukuba Science City Network**

The goal of this network is a developed city, achieved through collaboration in mutual research exchange and consideration of joint issues by its members. It is composed of various offices, including national, prefectural, municipal, national education bodies, independent, and private research and educational institutions. It undertakes measures for creating a low carbon-emitting society, professional development of researchers, access to public information, and advanced information sharing. https://www.tsukuba-network.jp



Image of TSUKUBA CONNÉCT

## Tsukuba International Congress Center

Tsukuba International Congress Center was opened in 1999 with the aim of enhancing the city's research exchange functions. Mr. ESAKI Leo is the director of the congress center. It has been the venue for many international and national conferences, as well as science events held for junior high and high school students such as "Science Casting" and "Tsukuba Science Edge".

#### Introductions of the facilities and equipment

- A Big hall (For up to 1,258 people), Two Mid-size halls, Nineteen Conference rooms that can be connected with monitors making it is possible to hold conferences of up to 2,500 people. It has also a multipurpose conference room, Japanese room, rooftop garden, restaurants and more.
- Equipment such as A 400 inch wide high-luminance and high-definition projector, simultaneous interpretations for up to 6 foreign languages, and more.

#### Main Achievements of International Conferences

2016 G7 Science and Technology Ministers' Meeting in Tsukuba, Ibaraki 2018 The 17th World Lake Conference (Ibaraki Kasumigaura 2018) 2019 G20 Ministerial Meeting on Trade and Digital Economy in Tsukuba, Ibaraki

https://www.epochal.or.jp



Tsukuba International Congress Center



Views of International Conferences

### Tsukuba Science Tour

Tsukuba Science City, a hub of many research and educational institutes, offers "Tsukuba Science Tour" in which you can see and experience cutting-edge research achievements. There are 51 facilities that offer site-visits.

Tsukuba Science Tour Office (The Science and Technology Promotion General Incorporation Foundation of Ibaraki) carries out total support services such as introducing highlights of each research institutes, planning and proposing effective, educational site visits.

In addition, buses that loop around 6 research and educational facilities (The Science Museum of Map and Survey, Tsukuba Botanical Garden, Tsukuba Expo Center, Geological Museum, Science Square TSUKUBA, and Tsukuba Space Center) are available on Saturdays, Sundays and Holidays. It is possible to get on and get off at any of the spots and take a site-tour or a stroll.

https://www.i-step.org/tour/tsukuba-science-tour.html

#### Research Institutions offering tours (some examples)



Tsukuba Expo Center

Tsukuba Expo Center is an institution where you can look, experience, and enjoy scientific technology by visiting the science museums including the world's largest planetarium https://www.expocenter.or.jp



AIST (National Institute of Advanced Industrial Science and Technology) Science Square TSUKUBA

The Production Technology Showroom introduces a wide range of AIST's research results that are valuable to future society https://www.aist.qo.jp/sst/ja/



The Science Museum of Maps and Surveying, Geospatial Information Authority of Japan

A facility with comprehensive displays on the history, principles and systems of mapping and surveying https://www.gsi.go.jp/MUSEUM/

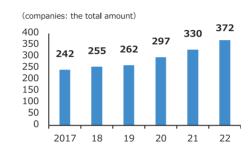
## Creation of New Technologies and New Industries

Tsukuba Science City has high-standard research institutions that have been generating a number of achievements. Furthermore, the city has recently been promoting efforts to create innovations by making the most out of scientific technology and skilled personnel of various fields.

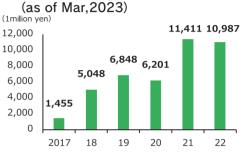
## Numbers of venture companies

372 new venture companies founded as of the end of 2022 (including 155 from AIST and 217 from University of Tsukuba). The University of Tsukuba boasts the fifth largest number of university-launched ventures in the country (2023), and the amount of funding has increased rapidly in recent years. In 2018, this figure exceeded 5 billion yen and has since reached approximately 11 billion yen in 2021.

Number of venture companies created in AIST and University of Tsukuba(As of Mar,2023)



Amount of raised funds by University of Tsukuba venture companies



Reference: "AIST: Track record of venture founding" https://www.aist.go.jp/aist\_j/business/alliance/startup/aist-startups/index.html
Reference: "University of Tsukuba's Headquarters for International Industry-University Collaboration Pamphlet"
https://www.sanrenhonbu.tsukuba.ac.jp/wp/wp-content/uploads/2024/08/Tsukuba\_Univ\_IUC\_2024web.pdf

## New Technology Developed in Tsukuba



Wearable cyborg HAL®

The world's first wearable cyborg. By attaching it to your body, you can improve, support, enhance, and restore your body's physical functions.

CYBERDYNE INC. http://www.cyberdyne.jp/



## Prism Camera (high-end machine)

This camera can take color pictures even in pure darkness. It visualizes things that could not be seen before through infrared multispectral solution.

Nanolux.Co.,Ltd. https://www.tsukuba-network.jp



Drive Unit 300

An industrial use underwater drone that supports construction work, professionals' work and other jobs under water.

FullDepth Co., Ltd. https://fulldepth.co.jp



One of the world's smallest micro satellite

Development of micro satellite by a University of Tsukuba venture company "Warpspace".

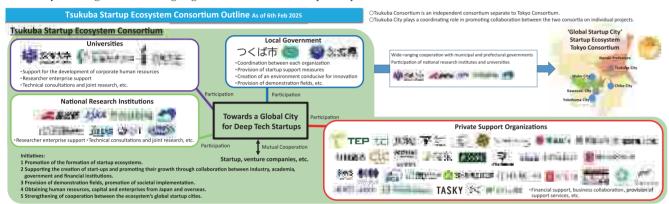
Warpspace Inc. https://warpspace.jp/

## Creating a startup ecosystem bound to become the new economic development engine

Start-ups that pioneer new business models and aim for rapid growth have great potential to contribute to solving social problems, developing innovative technologies and creating new industries and new economic development. Tsukuba City formulated "Tsukuba City Startup Strategy: Phase 2" in February 2023, and they are supporting the creation and growth of startups while aiming to be a city where "human development and science and technology are brought to life in society by fostering an entrepreneurial culture".

Tsukuba City has signed multiple MOUs on the basis of mutual support with international innovators to assist with global development in every region. This includes with CIC (Cambridge Innovation Center), an American world-class innovation hub in 2019, Luxembourg's innovation agency Luxinnovation in 2022, JSIP which operates a co-creation community platform for new businesses in Singapore in 2024, and ERA (Entrepreneurs Roundtable Accelerator) a global accelerator in 2019.

Again, from July 2020, as a member of the Tokyo Consortium, which has been adopted as a National Startup Ecosystem Global City, the region is working together to form a start-up ecosystem.



### **Incubation Facilities**



#### Tsukuba Center, Inc. (TCI)

TCI was established in 1988 with the investment of Ibaraki Prefecture, Development Bank of Japan, and private companies. The goal is to promote exchange and collaboration between industry, academia and government researchers, foster R&D venture companies, match with investors, and provide rental laboratories. https://www.tsukuba-tci.co.jp/



#### Tsukuba Start Up Office

Opened in 2019 in front of Tsukuba Station, Start Up Office supports entrepreneurs looking to start new businesses and SMEs seeking new business development. It has an office room which can be used as a base for business activities and provides comprehensive consultations via incubation managers.

https://www.tsukuba-tci.co.jp/office/plaza-startupoffice



#### Tsukuba Startup Park

Tsukuba Startup Park was renovated by Tsukuba City in 2019 from the Industrial Promotion Center, and is a startup promotion base equipped with co-working spaces, meeting rooms, exchange spaces, seminar rooms, etc. They provide support for a variety of entrepreneurial stages, with a focus on Tsukuba's strength in technological startups. https://tsukuba-stapa.jp/

## Wide Range of Projects

Tsukuba Science City is blessed with rich potentials as a large number of the world's most advanced science and technology seeds are based here, making the city a birthplace for a wide range of projects.

## Tsukuba International Strategic Zone

Our aim is to promote industrialization and social implementation through the promotion of life innovation and green innovation by utilizing the accumulation of science and technology in Tsukuba.





## Development of innovative pharmaceuticals, medical devices, medical technologies, functional foods, etc.

Development and commercialization of a system for producing useful substances that contribute to the improvement of human health by utilizing plant function



◆Our plan is to develop and commercialize a system for producing useful substances (such as GABA and miraculin) that contribute to the prevention of human diseases and the promotion of human health, using easily cultivable plants such as tomatoes.

#### Development and application of next-generation cance treatment BNCT (Boron Neutron Capture Therapy)



◆Our aim is to develop and apply a revolutionary next-generation cancer treatment (BNCT) that is expected to be effective in treating refractory and recurrent cancers for which no treatment method has ye been established, and that also provides a high quality of life for patients.

## Domestic production of nuclear medicine diagnostic reagents



◆We will establish a production technology for molybdenum-99, a raw material for nuclear medicine diagnostic reagents (technetium preparations), that does not use uranium as a raw material, and realize the domestic production of nuclear medicine diagnostic reagents.

## Solving problems and creating industries in the environment and energy fields

Practical application of algae



◆Establish large-scale production technology for algae oil which is expected to become an alternative fuel to petroleum. Aiming t

create an industry which utilizes the functions of algae for health foods and medicine, while assisting with the world-wide energy crisis.

## Development and application of a strategic urban mine recycling system



◆Aiming to develop innovative recycling technology (e.g. automated dismantling and high-grade sorting systems for waste products), effectively and economically remove used metals such as rare metals from used home appliances to support the achievement of a recycling-oriented society.

## Promotion of open innovation platform

#### Formation of global innovation platform o TIA (Tsukuba Innovation Arena)



Six institutions (AIST, NIMS, University of Tsukuba, KEK, University of Tokyo, and Tohoku University) collaborate to combine their comprehensive research capabilities to accelerate innovation in Japan while promoting an integrated approach from knowledge creation to industrialization.

## Development of innovative medicines and medical technologies based on Tsukuba biomedical resources



◆In collaboration with the Tsukuba Life Science Suishin Kyogikai (Promotion Council), we will utilize some of the world's largest biomedical resources for the development and marketization of innovative seeds for drug discovery.

## Application of innovative robotic medical devices and technologies and formation of a global center of excellence



◆Expansion of suitable patients and promotion of the global development of "Cybernics Treatment", which utilizes the world's first robotic medical device, HAL.

◆Cybernics Treatment applies combined therapies with pharmaceuticals and regenerative medicine.

Tsukuba International Strategic Zone http://www.tsukuba-sogotokku.jp/

## Ibaraki Space Business Creation Center Project

As space business is becoming a fast-growing industry, Ibaraki prefecture is working in collaboration with JAXA, the national government, and other organizations to actively promote the creation and attraction of space ventures, as well as new entry by companies in the prefecture.

Fostering a supportive environment for Space Business

Accelerating commercialization of challenger companies

- Managing the Ibaraki Space Business Creation Platform
   Establishment and operation of "Ibaraki Space Support Center"
- Establishment and operation of "lbaraki Space Support Center"
   Placement of specialist coordinators
- Joint research with the Ibaraki Prefecture's Industrial Technology Innovation Center, etc.
- Joint research with prefectural companies and commissioning preliminary experiments
- Financial support for space-related companies, etc.
   Subsidies for new product development
- Strengthen cooperation with JAXA
- Hosting exchange events and technological exhibitions with JAXA
- ●Establishment of a joint order receiving system
  - Establishment and operations of a joint order receiving system development of in-house space business talent, support for participation at space-related exhibitions



Governor OIGAWA (2<sup>nd</sup> from the left), YAMANAKA Chairman of JAXA (right)

## Tsukuba City's Super City Initiatives

In April 2022, Tsukuba City was designated as a "Super City, National Strategic Special Zone". Under the "Tsukuba Super Science City Scheme", Tsukuba aims to be a Super City that collaborates with universities and national research institutions while making use of the connections within the community. Through bold regulatory reforms and the social implementation of advanced technologies and services, we seek to present people with new choices based on scientific evidence and bring about diverse forms of happiness into the community.



## **Tsukuba Super Science City Scheme**

"New Choices Through Science, Diverse Happiness For People"



Implementation of 6 innovative services to carry out the Tsukuba Super Science City Scheme.

#### **Mobility and Delivery**

- Full-scale introduction of personal mobility robots
- Automated delivery via robots and drones



## Disaster Prevention, Infrastructure and Crime Prevention Urban Developm

 Swift evacuation guidance and coordination of medical services for those in need of support during emergencies



#### Government

Online voting
 Foreign language mobile apps and portals for foreigners



#### Medicine & Welfare

 Promotion of enhanced health and medical services through integrating health data with the My Number system



#### and opment

- - entrepreneurial activities

    Lending of land and building from national university institutions for the promotion of innovation
  - Streamlining of procurement procedures

Open Hub



## 04 Outstanding Living Environment

## An urban atmosphere rich in greenery

Due to planned urban maintenance, Tsukuba Science City is made up of a unique urban atmosphere. There are 206 urban parks included in the city's rich nature, all connected by 48 km of pedestrian decks (roads exclusive to pedestrians).

Furthermore, the undergrounding of electrical lines in certain areas and main roads allow for beautiful cityscapes. Additionally, in the north lies "Mount Tsukuba", a mountain selected among Japan's top 100 famous mountains. Here you can enjoy sceneries during all four seasons such as the blooming plums of spring, or landscapes surrounded by rice heads in autumn.



Pedestrian Deck



Central Park in front of the TX Tsukuba station



Mount Tsukuba in Autumn



Front area of TX Tsukuba Station, where electrical cables have been relocated underground



Beautiful autumn foliage in Doho Park



Plum Trees of Mount Tsukuba

### **Cultural and Commercial Facilities**

One can experience rich culture at any time through cultural facilities such as the "Tsukuba Arus Culture Hall" which has a library, an art gallery and a multi-purpose hall, the "Tsukuba Capio" which is used as an exchange facility for city residents, and the "Nova Hall" where concerts by international musicians and other events are held.

There are also commercial facilities such as "tonarie TSUKUBA SQUARE" in front of TX Tsukuba Station, "Iias Tsukuba" in front of the Kenkyū-gakuen Station of the TX, and "Aeon Mall Tsukuba" in close proximity to the Tsukuba Ushiku IC.



## **Diverse Educational Environment**

With the educational objective of "Training an active workforce for society", Tsukuba Science City is putting efforts towards employing a unique curriculum in schools that includes Tsukuba style courses, education on the environment, international understanding, ICT and scientific technology. Many foreign students are receiving an education based on the international standard at the prefecture's first International Baccalaureate World School, the "Tsukuba International School". Furthermore, an excellent workforce is being trained at three universities, University of Tsukuba, National University Corporation Tsukuba University of Technology, and Japan International University.



Number of Academic Facilities in Tsukuba City

	Number		Number	
Kindergarten	24	Compulsory Education Schools (Elementary and	4	
ECEC	6	Junior High schools)	7	
Elementary Schools	31	Senior High Schools Secondary Education	/	
Junior High Schools	14	Schools (Junior High and Senior High)	1	

\*Including Public and Private Schools



Number of foreign children enrolled in Tsukuba's elementary or junior high schools

	Tsukuba City	Prefertural Total
Elementary School (percentage of prefectural total) (rank among the prefecture's 44 municipalities)	400 (16.6%) (1)	2,408
Junior High School (percentage of prefectural total) (rank among the prefecture's 44 municipalities)	135 (13.2%) (2)	1,020

Source: FY2023-FY2024 School Data Survey

## Complete Medical Treatment

There are many medical treatment facilities opened in Tsukuba City where advanced medical treatments are conducted such as, the University of Tsukuba Hospital and the Tsukuba Medical Center. Also, the number of medical doctors in the city exceeds the national average and the enrichment of the medical treatment structure is being planned.

Number of Medical Doctors in Tsukuba City

	Tsukuba	National Average
Number of Doctors (per 100,000 people)	578.7	274.7

Source: 2022 Ibaraki Prefecture Statistics of Physicians, Dentists and Pharmacists



University of Tsukuba Hospital

## Future Course of City Center Urban Development

- Tsukuba City Center Area Development Vision -
- -Tsukuba City Center Area Development Strategy-

In July 2018, Tsukuba City formulated the "Tsukuba City Center Area Development Vision," which outlines the ideal future vision and center area development concept for the area around Tsukuba Station, the central district of Tsukuba Science City. In May 2020, we formulated the "Tsukuba City Center Area Development Strategy (Tsukuba Station Area Basic Policy)," which sets forth the center area development policy and concrete measures to realize a sustainable city based on the vision. At present, based on the strategy, we are strategically promoting swift and effective initiatives.

Cultural art events and sport events that will make you

Plentiful dining experiences in front of the station

## A City with the Vision of the World's Future

As the socioeconomic situation changes drastically, the revitalization of the city center is a major challenge that many mature cities face. Let's boldly take



everyday life

Educational enviro



workstyles can be carried out.

[Images]









8 Leading Projects





Local X Sustainability

A city with sustainability rooted in its region

Markets where regional producers can meet with

consumers

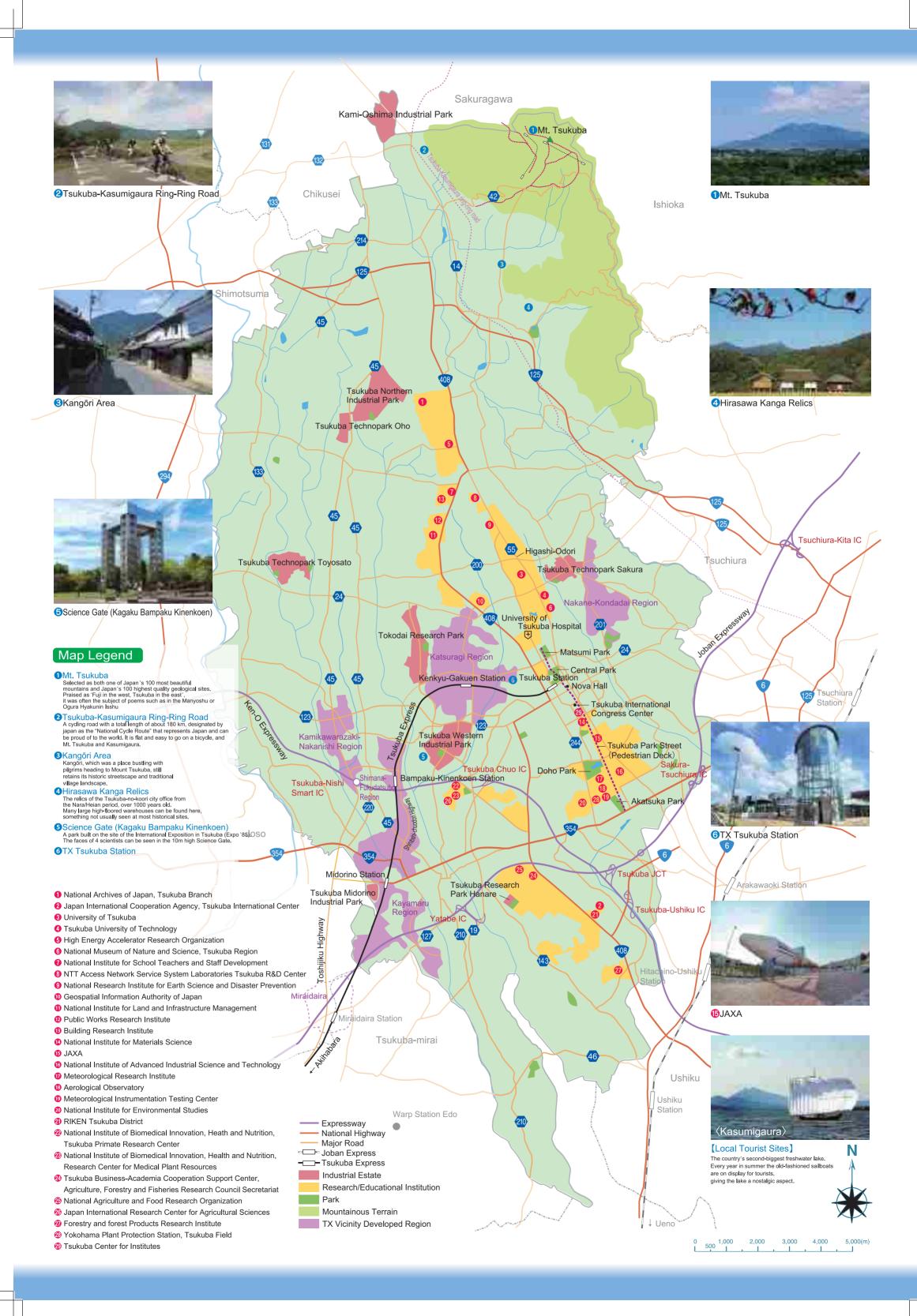
Parks and roads flourishing with rich, green nature

A city built with pedestrians and bicyclists in mind

A healthy and peaceful community that has various

Complete office environment where a variety of

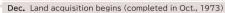
12 TSUKUBA SCIENCE CITY TSUKUBA SCIENCE CITY



July. Science and Technology Conference report on the necessity of mass transfer of national experimental research institutions

Sept. The Cabinet agrees to the construction of a science city in the Tsukuba region, and to allowing the Japan Housing Corporation to buy and organize the land 1963

Dec. The Cabinet decides on the establishment and composition of the Science City Construction Promotion Headquarters (hereafter Promotion Headquarters), whose head is also the head of the Metropolitan Amenity Committee, inside the prime minister's office 1964



1961

1962

1966

1967

1968

1969

1973

1974

1975

1976

1977

1978

ukuba

cience

hronology

Sept. The Cabinet agrees on the science city basic construction policy and the 36 institutions selected to be transferred

Oct. Work begins on the construction of an experiments center for the National Research Institute for Earth Science and Disaster Prevention, the first institutional transfer

June. The Cabinet decides to conduct the construction of the institutions projected to move to Tsukuba over a period of 10 years,

broken up into two 5 year periods

Nov. Groundbreaking ceremony for the Tsukuba Science City Development Project

May. Establishment and announcement of the Tsukuba Science City Construction Law 1970

June. Determination of expansion of Joban Expressway(55km from Misato, Saitama, to Chiyoda, Ibaraki)

Feb. The Promotion Headquarters announces the Tsukuba Science City Construction Plan Framework and the Tsukuba Science City Public Event Plan Overview 1971

1972 Jan. The first residents enter the civil servant housing built in the Science Zone (Hanamur Mar. The National Institute of Materials Science is the first institution to complete its transfer

May. The Cabinet decides on 42 research and educational institutions to transfer Apr. The Promotion Headquarters revises the Tsukuba Science City Construction Plan Framework

and the Tsukuba Science City Public Event Plan Overview, and announces the Tsukuba Science City Transfer Institutions Transfer Plan Overview, adding one institution to the research and educational institutions being transferred/built for a total of 43

Sept. The Tsukuba New City Development Corporation is formed

Oct. The University of Tsukuba opens

Dec. Dr. Leo Ezaki (current Chairman of the Science and Technology Promotion Foundation of Ibaraki) wins the Nobel Prize for Physics

Apr. The first preschool, elementary school, and junior high school are opened in the Science Zone (Takezono-Higashi

Preschool, Takezono-Higashi Elementary School, Takezono-Higashi Junior High)

June. MLIT proposes that the MLIT Major City Area Amenity Office take charge of the overall organization of Science City, and creates the Tsukuba Science City Construction Promotion Office

Mar. The Cabinet decides the period for the near completion of all institutional transfer will now be from 1975 to 1979

May. The Promotion Headquarters establishes the Tsukuba Science City Municipality Financial Responsibility Special Provisions Overview

May. Completion ceremony for MatsumiPark, the Tsukuba New City Memorial Hall (DohoPark), Oshimizu Park, and the green walkways is held

 $\textbf{Feb.} \ \ \text{The Tsukuba Science City Research Exchange Promotion Association is formed from universities and industrial/academic/promotion and the promotion of the promotio$ 

governmental experimental research institutions

Aug. The Tsukuba Science City Association is formed from Japan Housing Corporation, Ibaraki Prefecture, 6 local municipalities,

and national experimental research and educational institutions

Feb. The Shipbuilding Research Center of Japan opens, becoming the first private research facility in the Science Zone Opening of the Tsukuba Center for Institutes

1979 Oct. The University of Library and Information Science opens (current University of Tsukuba) Mar. The transfer of all 43 institutions is completed (Science City is nearly comple 1980

Sept. The Prime Minister approves the Science City Construction Plan (publicized 9/25)

The Tsukuba Science City Research Exchange Promotion Association is dissolved and reformed into the Tsukuba Network 2 more research and educational institutions are selected to be transferred/built, for a total of 45

1981

Apr. The International Exposition (Expo'85) is approved Aug. Ibaraki Prefecture determines the Surrounding Region Development Plan

Oct. The Japan Housing Corporation and Residential Land Development Corporation merge to form the Housing and City **Development Corporation** 

1982

**July.** Tokodai Research Park is completed **Sept.** 1 more research and educational institution is selected to be transferred/built, for a total of 46

June. Construction is completed on the Tsukuba Center Building
July. Ibaraki Prefecture sets up the Tsukuba Information Center (closed in Dec., 2008) within the Tsukuba Center Building 1983

1985

Jan. The Joban Expressway directly connects to Tokyo
The New Tsukuba Colloquium is formed as the MLIT Director's personal advisory committee

Mar. The Tsukuba Expo Center is completed

The Creo Shopping Center opens

The Tsukuba Center transportation plaza is built

Expo '85 opens (held from  $3/17 \sim 9/16$ , 20,330,000 attendees) The Transportation Policy Commission releases its report on the construction of new Joban Line routes

1987

Apr. Highway bus route opens between Tokyo and Tsukuba Center
June. Tsuchiura and Tsukuba Science City are selected as a International Tourism Model Region
Oct. 1 more research and educational institution is selected to be transferred/built, for a total of 47

Nov. Tsukuba City is formed from the merging of Oho, Toyosato, Sakura-mura, and Yatabe

1988 Jan. Tsukuba City and Tsukuba-machi merge

Feb. The Tsukuba Center, Inc. is established

Mar. The Joban Expressway between Misato and Iwaki Chuo is fully opened

June. The Tsukuba Urban Transportation Center is established

Aug. The Tsukuba Western Parking Lot is opened

Sept. Celebration of the 25th anniversary of the construction of Tsukuba Science City

Apr. The National Institutional Transfer Committee decides on the transfer of the Institute for Materials Science 1989 The Ibaraki Prefectural Tsukuba School of Nursing opens May. MLIT decides on the New Tsukuba Plan

July. Ibaraki Prefecture opens the Tsukuba Office (closed Mar., 2009) inside the Tsukuba Information Center

Apr. The Tsukuba Mitsui Building opens 1990

Ibaraki Prefecture decides on the Greater Tsukuba Plan

The Tokyo Kasei-Gakuin Tsukuba Junior College opens (current Japan International University) June. Tsukuba Junior College of Technology opens (current Tsukuba University of Technology) The Tsukuba Cultural Center Arus opens

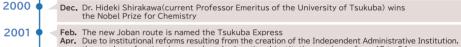
1991 Mar. The Metropolitan Inter-city Railway Company is formed

The Tsukuba Cultural Foundation is formed July. The Tsukuba heliport opens

Oct. The national government approves the fundamental plan for new routes on the Joban Line







June. The Tsukuba International Congress Center (Epochal Tsukuba) opens

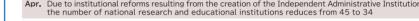
May. The Tsukuba International Cargo Terminal is established

The new MOG commercial building is completed

The Tsukuba South 1 Parking Lot opens

July. The Tsukuba Capio Community Center opens

around the new Joban routes



Jan. The license for the new Joban Line routes is given to the Metropolitan Inter-city Railway Company by MLIT

**Feb.** Ibaraki Prefecture decides on the Tsuchiura/Tsukuba/Ushiku Central Administration Cities Plan **Oct.** Memorial symposium held for the 30th anniversary of Tsukuba Science City's construction

May. The University of Tsukuba opens the Center for Tsukuba Advanced Research Alliance (TARA) July. A direct bus link between Tsukuba and Narita Airport begins

The three parties (Ibaraki Prefecture, Tsukuba, and the landowners) agree on the development

Apr. The Tokyo Kasei-Gakuin Tsukuba Women's University opens (current Japan International University)
Due to institutional reforms, the number of national research and educational institutions reduces

Mar. The Joban Line Hitachino-Ushiku Station opens
Apr. The Science City Construction Plan (MLIT) and Surrounding Region Development Plan (Ibaraki)

Oct. 1 more research and educational institution is selected to be transferred/built, for a total of 46

Apr. The Total Health Evaluation Center Tsukuba is opened within the Tsukuba Medical Center

 $\textbf{Oct.} \ \ \textbf{Groundbreaking ceremony for the new Joban routes (in front of Akihabara Station)}$ 

Sept. The Tsuchiura/Tsukuba Convention Bureau is established (current Tsukuba Tourism and Convention Association)

July, Tsuchiura and Tsukuba are selected as International Conference and Tourism cities Oct. Due to institutional reforms, the Housing and City Development Corporation becomes the City Foundation Development Corporation

Nov. The Fundamental Legislation on Science and Technology is determined and announced

Jan. Due to institutional reforms, the number of national research and educational institutions reduces from 47 to 46

2002

Apr. Tsukuba's Nori-nori social welfare loop bus is introduced

Oct. The University of Library and Information Sciences merges with the University of Tsukuba

(the number of national research and educational institutions reduces from 34 to 33)

Nov. Kukizaki-machi merges with Tsukuba City

Apr. The Tsukuba Start-up Plaza business development facility is established
Sept. The Tsukuba Community Tsuku-tsuku bus is introduced
Tsukuba City and the University of Tsukuba conclude a collaboration agreement

Oct. 5 institutes, including The National Space Development Association of Japan and RIKEN, become Independent Administrative Institutions

Apr. The University of Tsukuba and Tsukuba Junior College of Technology (current Tsukuba University of Technology) become national universities, and the High Energy Accelerator Research Organization becomes a joint university institution

June, The Tsukuba Network and the Tsukuba Science City Association merge to become the new Tsukuba Network July. The City Foundation Development Corporation merges with the Regional Promotion Development Corporation's Regional City Development Department and becomes the Urban Renaissance Agency Tsukuba New City Development, Tsukuba Energy Service, and Southern Ibaraki New City Development merge to become the Tsukuba Urban Development Co. (consolidated with New Urban Life Holdings in

2005 Mar. The Q't Shopping Center opens

1992

1993

1994

1995

1996

1997

1998

1999

2003

2004

2009

2010

2018

Aug. The Tsukuba Express begins operating

Dec. Tsukuba's population reaches 200,000

Apr. Tsukuba's new community bus, the Tsukubus, begins operating (Nori-nori and Tsuku-tsuku end operations 2006 Due to institutional reforms, the National Agriculture and Food Research Organization is formed and the number of national research and educational institutions reduces from 33 to 31

Oct. The Science and Technology Promotion Organization establishes the JST Innovation Satellite Ibaraki

2007

2008

June. The Tsukuba Passport Office opens

Dec. Dr. Makoto Kobayashi (current Professor Emeritus at the High Energy Accelerator Research Organization) wins the Nobel Prize for Physics

June. Joint industrial/academic/government announcement of the Promotion of Tsukuba as a Nanotechnology Base

Jan. Creation of the Grand Design for a New Tsukuba May. Opening of the new Tsukuba City Hall

Dec. Opening of the Lifestyle Support Robot Safety Verification Center

Mar. With the addition of the Yokohama Plant Protection Station Tsukuba Field, the number of national research and educational 2011

institutions increases to 32
Approval of the Tsukuba Mobility Robot Special Experimental Zone
Dec. Designation of the Tsukuba International Strategic Zone

Sept. 50th year since the Cabinet approval of the construction of Tsukuba Science City Nov. Celebration of the 50th anniversary of the construction of Tsukuba Science City 2013

Apr. National Center for Seeds and Seeding, National Institute of Agribiological Sciences, and National Institute 2016 for Agro-Environmental Services merges with the National Agriculture and Food Research Organization

2013 Tsukuba Science City 50th Anniversary Logo (the number of national research and educational institutions reduces from 32 to 29)

May. G7 Science & Technology Ministers' Meeting in Tsukuba, Ibaraki was held in the International Congress Center

Oct. In regards to the Tsukuba International Congress Center, the 17th World Lake Conference (Lake Kasumigaura, Ibaraki, Japan, 2018) was held.

Mar. Mr. ISOZAKI Arata(designer of the Tsukuba Center Building) received the Pritzker Architecture Prize
June. The G20 Ministerial Meeting on Trade and Digital Economy in Tsukuba, Ibaraki was held at the Tsukuba International Congress Center

2019 Oct. Opening of the renovated Tsukuba Startup Park (Tsukuba industries revitalization center)

Dec. The "Tsukuba Start-up Office by Ibaraki Pref. (Tsukuba Start-up Plaza Annex)" opened

Feb. The Tsukuba Startup Ecosystem Consortium is established 2020

July. The Startup Ecosystem Tokyo Consortium in which Tsukuba City and Ibaraki Prefecture take part in, was selected as a base city for a global startup ecosystem

2021 May. Reopening of "tonarie TSUKUBA SQUARE" shopping center

2022

Apr. Designation as a 'Super City National Strategic Special Zone'
May. Renewal of the Tsukuba Center Building. As part of this, a base 'co-en' was opened to support diverse working styles and activities.

Dec. "Tsukuba Station Citizen Services Office" opens 2023

Feb. "Corridoio", a citizens' activity hub, opens in Tsukuba Center May. Development and Announcement of "Future Vision for Tsukuba Startup Ecosystem 2024



ng of the Tsukuba Internations ess Center, Jun.1999