



# INVEST IN A C L I

The Industrial Capital of Japan













# Welcome to Aichi prefecture, the industrial capital of Japan!

Hideaki Ohmura, Governor of Aichi Prefecture

Aichi prefecture, which has the geographical advantage of being in the center of Japan and other advantages including excellent transport infrastructure, is an industrial capital and manufacturing center that leads the world economy. We have seen considerable progress in Aichi-based projects, which are expected to shape the future of Japan, such as the fuel-cell vehicle "MIRAI" project and Japan's first domestically produced passenger jet "Mitsubishi SpaceJet" project. With a large non-Japanese population, Aichi prefecture strives to make itself more livable for all residents. We are looking forward to supporting your investments in Aichi, the industrial capital of Japan.

## Aichi Data Profile

goods shipments  Regional Input-Output Table, Ministry of Economy, Trade and Industry)	1st in Japan for 42 years in a row sing	ce 1977
Value of manufactured (Source: Industrial Statistical Survey	US\$439.4 billion (¥48.722 trillion)	14.7% share in Japan (2018)
Per capita income (Source: Aichi Prefecture's GDP, Statistics Division, Aichi Prefectural Government)	US\$33,524 (¥3,633,000)	2nd in Japan (2016)
GDP in Aichi (Source: Aichi Prefecture's GDP, Statistics Division, Aichi Prefectural Government)	Economic scale equivalent to the world's	s 31st largest economy (Israel GDP)
CDD:- A:- A: (Source: Aichi Prefecture's GDP Statistics Division	US\$ 363.7 billion (¥40.2998 trillion)	2nd in Japan (2017)
Number of foreign residents (Source: Statistics on Foreign National Residents, Ministry of Justice)	272,855 people from 163 countries	2nd in Japan (June 2019)
Population (Statistics Bureau, Ministry of Internal Affairs and Communications)	7,552,000 people 4th	in Japan (As of October 1, 2019)

[Main industries ranked first in the Japanese market share] 1st in 10 out of 24 manufacturing categories 10% 20% 30% 50% 60% 70% 80% 90% 100% Transportation equipment Electric equipment Business oriented machinery Iron and Steel Rubber products

Agricultural output

US\$2.8 billion (¥311.5 billion)

8th in Japan (2018)

gricultural output (Source: Statistics of Agricultural income Produced, Ministry of Agriculture, Forestry and Fisheries)

US\$0.5 billion (¥54.3 billion) 1st in Japan for 56 years in a row since 1962

Annual sales of goods (Source: Economic Census-Survey oncorporate economic activities, Ministry of Economy, Trade and Industry)

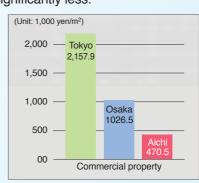
US\$403.5 billion (¥43.7258 trillion)

3rd in Japan (2016)

# Comparison of cost among three major cities (Source: Prefectural Land Price Survey, Ministry of Land, Infrastructure, Transport and Tourism)

Among the three major cities, business expansion into Aichi costs significantly less.





<sup>\*</sup>The 2016, 2017 and 2018 figures were compiled based on yen-US\$ exchange rates of 108.37, 110.8, and 110.88, respectively. (Simple average of guarterly Tokyo inter-banking spot rates, each guarter's rate calculated based on the monthly average for the three months covered by the guarter)



# **Voices from businesses operating in Aichi Prefecture**

#### 1 Umicore Shokubai Japan Co., Ltd. [Belgium & Japan] automobiles

Start of operation in Aichi: October 2013

Masataka Muramatsu, Representative Director President

We research, develop, produce and sell automotive catalysts. We chose to operate in Aichi prefecture because Aichi is conveniently located in the center of Japan with easy access to the head office of a world-famous automaker. We established



our test center in an area located across Ise Bay from Chubu Centrair International Airport in Tokoname City. With easy access to overseas markets, this area is suitable for companies that are planning to launch international business in the future.

#### 2 PPG Japan Ltd. [U.S.A.] aviation

Start of operation in Aichi: April 1980 (Expanded and moved in January 2014)

Atsushi Suda, President and Representative Director

We supply aircraft sealants and glass. In January 2014, we expanded aerospace business operations in Japan with the relocation of our aerospace application support center from Handa City to a site in Miyoshi City in Aichi prefecture. We chose



to expand our business operations within the same prefecture because many of our clients in the aviation industry in Japan have their head offices and plants in Aichi and its surrounding areas. Our visitors from various countries point out many similarities between Aichi and regional hubs for the aviation industry in their own countries, such as perfect combination of nature and modern infrastructure. Aichi prefecture, which has abundant excellent human resources, is a good choice for overseas manufacturers planning to launch their business operations in Japan.

#### 3 Krannich Solar [Germany] Renewable energy

Start of operation in Aichi: January 2013

Yoshifumi Kawabata, CEO Japan

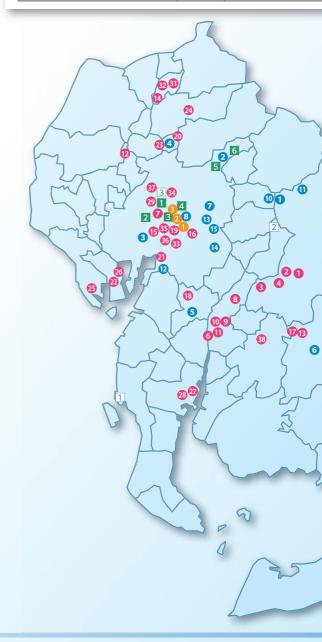
Krannich Solar GmbH & Co. specializes in engineering and sales of solar power generation systems. The German company established its Japanese unit, Krannich Solar K.K., in Nagoya, Aichi Prefecture, because the climate of the Tokai region in central



Japan is well-suited for the solar power business. The company also decided to start the business in the Tokai region in view of strong support from Aichi Prefecture, the city of Nagoya, and relevant local organizations. Core industrial technologies have accumulated in Aichi Prefecture where there is also many high-technology companies operating, making the prefecture attractive for foreign companies eyeing business in Japan. Foreign businesses are likely to think they can grow themselves while working with Aichi-based Japanese companies.

## **Incubation Facilities**

No. of rooms	Rent and expenses to be
available	tenant (per month
2	Rent: Free (available for 50 business days) communication exper and other expenses in
25	Rent(Excl.tax): 2,300~2,900 common service fee.
48	900 yen/m <sup>2</sup>
50	Rent(Excl.tax): 90,000~204 other expenses incurre
19	Rent(Excl.tax): 124,800~486 other expenses incurred
10	Rent(Excl.tax): 60,400~75 other expenses incur
63	Rent(Excl.tax): 20,000~243 other expenses incurr
	25 48 50 19



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### **Research Facilities**

- Knowledge Hub Aichi (Aichi Center for Industry and Science Technology, Aichi Synchrotron Radiation Center & New Energy Research Area)
- 2 AIST Chubu, National Institute of Advanced Industrial Science and Technology
- 3 Nagoya Municipal Industrial Research Institute
- 4 Aichi Prefecture Flight Research Center & JAXA Nagoya Flight Research Center
- Sational Center for Geriatrics and Gerontology & Aichi Service Robot Practical Application Center
- National Institutes of Natural Sciences (National Institute for Basic Biology, National Institute for Physiological Sciences & Institute for Molecular Science)
- 7 Tokai National Higher Education and Research System Academic Research and Industry-Academia-Government Collaboration (in Nagoya University)
- Nagoya Institute of Technology: Organization for Co-Creation Research and Social Contributions
- Research Administration Center, Toyohashi University of Technology
- 10 Regional Liaison Center, Aichi Prefectural University
- ① Office for Social Collaboration (Research Institute for Industrial Technology), Aichi Institute of Technology
- 12 Research Support Center, Daido University
- **13 CHUKYO UNIVERSITY**
- 14 Toyota Technological Institute
- 15 Meijo University

# **Startup Support Centers**

Facility	Section	Fee
<b>1</b> Station Ai		Housing fee: Free of charge Voluntary organization annual fee:
Early Support Center	22seats	42,000yen
2NAGONO CAMPUS	22rooms	Rent (per month/excl. tax) 3,000yen/m²~3,630/m² etc.
3NAGOYA INNOVATOR'S GARAGE	8areas	Annual fee 60,000yen(Individual member) 360,000yen(Corporate member)



# **Businesses operating in Aichi Prefecture**

#### **Automobile Sector**

**Toyota Motor Corporation** 

- 1 Honsha Plant
- Motomachi Plant
- Takaoka Plant
- 4 Tsutsumi Plant
- 5 Tahara Plant
- **6** Toyota Industries Corporation
- **7** JTEKT CORPORATION
- **13** TOYOTA AUTO BODY CO., LTD.
- Aisin Seiki Co., Ltd.
- DENSO Corporation
- **11** TOYOTA BOSHOKU CORPORATION
- 12 Toyoda Gosei Co., Ltd.
- 13 MITSUBISHI MOTORS CORPORATION Okazaki Plant
- 10 Tokai Rika Co., Ltd.
- Aichi Machine Industry Co., Ltd.
- 6 Sango Co., Ltd.
- Tutaba Industrial Co., Ltd.
- 1 Aisan Industry Co., Ltd.
- 10 NGK SPARK PLUG CO., LTD.

#### Aerospace Sector

- Mitsubishi Aircraft Corporation Nagoya Aerospace Systems Works, Mitsubishi Heavy Industries, Ltd.
  - Oye Plant
  - 22 Tobishima Plant
  - 23 Komaki South Plant
- 2 Nagoya Guidance & Propulsion Systems Works, Mitsubishi Heavy Industries, Ltd. Kawasaki Heavy Industries, Ltd. Aerospace Systems Company
  - 25 Nagoya Works 1
  - 26 Nagoya Works 2

SUBARU Corporation Aerospace Company

- 2 Handa Plant
- 28 Handa West Plant

#### **Machine Tool Sector**

- 29 DMG Mori Co., Ltd.
- **30** OSG Corporation
- Okuma Corporation
- Yamazaki Mazak Corporation

#### **Other Sectors**

- Brother Industries, Ltd.
- 3 Daido Steel Co., Ltd.
- 35 NGK Insulators, Ltd.
- 36 Nippon Sharyo, Ltd.
- **100** NORITAKE CO., LIMITED
- 38 Makita Corporation

# **Next-generation Industry Project**

#### Next-generation vehicles

Aichi prefecture has one of the world's largest concentrations of the automotive industry. The Aichi Prefectural Government has been stepping up its efforts to diffuse next-generation cars such as fuel cell vehicles (FCVs) while supporting research and development of self-driving cars and relevant verification tests.



November 13,2019 Autonomous Driving Demonstration Experiment (Expo 2005 Aichi Commemorative Park)



January 25,2020 Autonomous Driving Demonstration Experiment (Himaka Island)



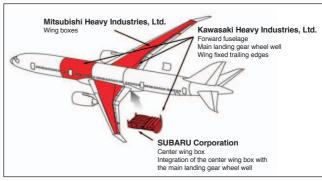
FCVs "MIRAI" were adopted as official cars by the Aichi Prefectural Government.

#### Aerospace

The Chubu region, which includes Aichi Prefecture, is a major production center of the aerospace industry. It manufactures more than 50% of the aircraft and aircraft-related components made in Japan. Aichi Prefectural Government takes full advantage of The Special Zone to Create Asia's No.1 Aerospace Industrial Cluster's incentive programs, which was designated as one of the Comprehensive Special Zones for International Competitiveness Development. Efforts have been made to promote R&D, development of market and develop human resources through industry-academia-government cooperation.



Mitsubishi SpaceJet Family © Mitsubishi Aircraft Corporation



About 35% of a Boeing 787 aircraft's structure is manufactured in Aichi Prefecture.

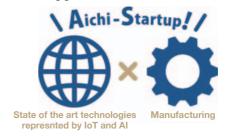
#### Robots

Aichi Prefecture has established the Aichi Robot Industrial Cluster Promotion Council, and is working to develop and promote the widespread use of robots with the aim of fostering growth of the robot industry.



#### **Startups**

In order to attract overseas startups and support the global expansion of our prefecture's startups, we have established Station Ai, one of the largest startup support centers in Japan. Furthermore, we are implementing a startup support program in collaboration with the University of Texas, Tsinghua University, and other institutions leading global innovation.



# **Incentive**

#### Subsidy

\*There are various other requirements to be met besides those specified below. For details, please contact us.

#### **Business facility investment subsidy**

#### Foreign-affiliated Company Startup Support Program \*Support to be provided by the Greater Nagoya Initiative Center (GNIC)

Purpose	To help foreign-affiliated companies start up their business in Japan
Eligible applicants	Foreign-affiliated companies that will establish corporations, branches, or business bases in Aichi, Gifu or Mie prefecture
Expenses to be covered by the subsidy	1 Fees for professional services, such as company registration service 2 Recruitment agency fees and the like 3 Real estate brokerage fees
Maximum amount	Up to 500,000 yen, in proportion to the capital
Remarks	An application must be submitted before company registration.

#### Aichi Prefecture Business Facility Investment Subsidy for Cutting-edge Sectors of the 21st Century

Purpose	To support investments in large plants and research institutes in cutting-edge sectors	
Eligible business sectors	Aerospace, environment and new energy, information and communication, health and life-span extension, advanced materials, nanotechnology and biotechnology	
Subsidy rate (maximum amount)	10% (10 billion yen) * 20% for research institutes	
Remarks	An application for a business license must be submitted at least 30 days before the start of construction. Other eligibility requirements include specific types of expenses.	

#### ■ Aichi Prefecture Business Facility Investment Subsidy for Promising Industries (Type B)

Purpose	To support small but promising investments in key segments of supply chains and growth industries	
Eligible business sectors	Among the aerospace, next-generation vehicles(including automobile-related), environment and new energy,robots, health and life-span extension, and information and communication sectors, the following segments are eligible:  1 Key supply chain segments: Irreplaceable parts and materials segments  2 Segments with high growth potential or companies with high growth potential	
Subsidy rate (maximum amount)	10% (1 billion yen)	
Remarks	An application for a business license must be submitted at least 30 days before the start of construction. Other eligibility requirements include specific types of expenses.	

#### Subsidy for research and development

#### Aichi Prefecture Research and Development Subsidy

Purpose	To support research, development and experimental testing conducted by companies and other organizations in business sectors with high growth potential
Eligible business sectors	Next-generation vehicles, aerospace, environment and new energy, health and life-span extension, information and communication, robots, etc.
Subsidy rate (maximum amount)	Major companies: 1/2 (200 million yen) Small and medium-size companies: 2/3 (100 million yen)
Application period	Once a year (normally from March to April)
Remarks	Other eligibility requirements include specific types of expenses.

#### Tax Incentive

#### Business Facility Investment Tax Incentive (Real estate acquisition tax exemption and reduction)

Eligible b	usiness sectors	Manufacturing sector of the aerospace industry	Manufacturing sectors of other industries, etc.
Eligible d	listricts	Districts categorized under (1) or (2) (1) Districts of the Special Zone to Create Asia No.1 Aerospace Industrial Cluster (2) Industrial districts and districts for other specific purposes designated by the prefectural governor upon request by mayors of municipalities where the districts specified in (1) are located	Districts designated by the prefectural governor upon request by mayors of municipalities
Eligible	Buildings	Buildings newly constructed for eligible business purposes	Buildings newly constructed on newly purchased or rented land
property	Land	Newly purchased land, if buildings are newly constructed	ed within three years after purchase
		Large companies: Amount equivalent to half of total tax amount Small and medium-sized companies: Amount equivalent to three-fourths of total tax amount	

#### Industrial site (Land owned by the Aichi Public Enterprise Bureau)

#### Long-term installment plan for repayment of land acquisition fees

Loan period	10 years (to be repaid in 10 or fewer installments including the first installment)
Amount of first payment	10% or more of the total amount agreed to be paid (to be paid within 15 days from the day following the date of the agreement)
Installment payment method	Equal annual principal installment for the amount that remains after deducting the first payment from the total amount agreed to be paid (due by each anniversary date)

#### Leasing system (not applicable to some districts)

Type of land leasehold (leasing period)	Leasehold for business-use land (10–20 years)
Annual leasing fees	Coastal-area land: (selling price x 3%) + sum comparable to fixed assets tax Chubu "Rinku" coastal area covering part of the artificial island hosting Chubu Centrair International Airport and its vicinity: (selling price x 4.2%) + sum comparable to fixed assets tax

# **Living Environment**

# Information and consultation services for non-Japanese residents

The following organization provides non-Japanese residents with information and consultation in multiple languages about various problems and anxieties they may face in daily life.

#### Aichi International Association

Sannomaru Annex Bldg. Aichi Prefectural Government 1 & 2F, 2-6-1 Sannomaru, Naka-ku, Nagoya, Aichi, Japan Tel: +81-52-961-7902

E-mail: sodan@aia.pref.aichi.jp

http://www2.aia.pref.aichi.jp/tope/indexe.html

#### **Nagoya International Center**

Nagoya International Center 3F, 1-47-1 Nagono, Nakamura-ku, Nagoya, Aichi, Japan Tel: +81-52-581-0100 E-mail: info@nic-nagoya.or.jp http://www.nic-nagoya.or.jp/en/e/

#### **Consulates in Aichi**

Consulate-General of the Republic of Korea /
Consulate-General of the Federative Republic of Brazil /
Consulate-General of the People's Republic of China /
Consulate-General of the Republic of Peru / Consulate-General
of the Republic of Turkey / Consulate-General of the Republic
of the Philippines / Consulate of the United States of America /
Consulate of Canada

#### **International School**

#### **Nagoya International School**

2686 Minamihara, Nakashidami, Moriyama-ku, Nagoya, Aichi, Japan

Tel: +81-52-736-2025 https://www.nisjapan.net

#### **International Christian Academy of Nagoya**

Villa Yuzan 1F, 205 Kibutake, Nagakute, Aichi, Japan Tel: +81-561-62-4196 http://www.icanjapan.org/

#### **Medical Institutions**

#### **Aichi Medical Information Network**

URL: https://iryojoho.pref.aichi.jp/

You can search medical institutions in Aichi where foreign language services are available, including hospitals, clinics, dental clinics, pharmacies and midwifery centers.

#### **Aichi Medical Interpretations System**

TEL: +81-50-5814-7263 (Operation Office, Weekdays 9:00 a.m.  $\sim 5:30$  p.m.)

URL: http://www.aichi-iryou-tsuyaku-system.com/pt/pte.html Services provided include: dispatch of medical interpreters, telephone interpretations and translations of referrals, etc.

# **Support Organizations for Business Expansion**

#### Aichi-Nagoya International Business Access Center (I-BAC)

Nagoya Chamber of Commerce & Industry Building 7F 2-10-19 Sakae, Naka-ku, Nagoya, Aichi 460-0008, Japan TEL: +81-52-223-5452 FAX: +81-52-223-5404 E-mail: general@i-bac.jp
URL: http://www.i-bac.jp/o/index.html

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#### Japan External Trade Organization (JETRO) Nagoya Office

Aichi Industry & Labor Center 18F, 4-4-38 Meieki, Nakamuraku, Nagoya, Aichi 450-0002, Japan TEL: +81-52-589-6210 E-mail: NAG@jetro.go.jp

URL: https://www.jetro.go.jp/en/invest/ibsc/locations/ibsc nagoya.html

#### **Greater Nagoya Initiative Center (GNIC)**

C/O The Public Foundation of Chubu Science and Technology Center Ikko Osu Building 7F, 1-35-18 Osu, Naka-ku, Nagoya, Aichi 460-0011, Japan

TEL: +81-52-218-4020 FAX: +81-52-204-1469

E-mail: invest@greaternagoya.org URL: http://greaternagoya.org/en/

#### Investment Promotion Division, Tokyo Office of the Aichi Prefectural Government (Investment Support Station Aichi)

Prefectural Assembly Hall 9F, 2-6-3 Hirakawa-cho, Chiyoda-ku, Tokyo 102-0093, Japan

TEL: +81-3-5212-9972 FAX: +81-3-5212-9095

#### Aichi Prefectural Government Overseas Office https://www.pref.aichi.jp/ricchitsusho/gaikoku/center.html

#### Aichi Shanghai Office

#2109, Shanghai International Trade Center 21F, 2201 Yan An Xi Road, Shanghai 200336, China TEL: +86-21-6219-8125 FAX: +86-21-6219-8132 E-mail: aichi-shanghai@aibsc.jp

#### JETRO Bangkok (Aichi Office)

Nantawan Bldg. 16F, 161 Rajadamri Rd., Bangkok 10330, Thailand

TEL: +66-2-253-6441 (Ext. 122) FAX: +66-2-253-2020 E-mail: aichi-bkk@jetro.go.jp

# **TAICHI PREFECTURAL GOVERNMENT**

#### **Investment and Trade Division**

3-1-2 Sannomaru, Naka-ku, Nagoya, Aichi 460-8501, Japan

TEL: 052-954-6356 FAX: 052-961-7693 E-mail: ricchitsusho@pref.aichi.lg.jp

URL: https://www.pref.aichi.jp/ricchitsusho/e/index.html

