

# Otsuka Chemical Co., Ltd.



## Introduction

### Corporate Philosophy of Otsuka Holdings

Otsuka-people creating new products  
for better health worldwide

### Corporate Philosophy of Otsuka Chemical

Trusted by individuals,  
Trusted by the company,  
Trust is the dream of our society.  
Building trust with technology  
and commitment.  
Spreading trust with the people  
around the world.

### Otsuka Chemical Declaration on Health

Corporate philosophy of Otsuka Holdings:  
“Otsuka-people creating new products for better health worldwide”

Corporate philosophy of Otsuka Chemical:  
“Trusted by individuals,  
Trusted by the company,  
Trust is the dream of our society.  
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Spreading trust with the people around the world.”

In order to realize these corporate philosophies, we need to recognize the  
importance of each employee’s mental and physical health.

Otsuka Chemical declares that it will provide workplace environments where  
employees can have trusting relationships in a vibrant atmosphere, while  
maintaining and improving their health.

June 2020  
Otsuka Chemical Co., Ltd.  
President and Representative Director  
Hiroyoshi Tosa

## Message from the President

### Otsuka Chemical’s Vision for the Future

Otsuka Chemical is a company that  
collaborates with customers to find  
creative new ways to utilize advanced  
materials.

Hiroyoshi Tosa



President and Representative Director



Otsuka Chemical has created a wide range of products that improve the lives and  
health of people all over the world, in keeping with the Otsuka Group's philosophy,

[“Otsuka - people creating new products for better health worldwide”.](#)

Having started with seawater bittern in 1950, the Otsuka Chemical Group has offered  
many different materials around the world, such as inorganic and organic chemicals,  
resin composites, functional polymers, pharmaceutical APIs and intermediates.

Otsuka Chemical considers what it calls its KATACHI Business, a business that  
embodies the quality of materials, to be an important theme and it combines its existing  
materials business and a group of tangible products such as components into its  
KATACHI Business. By doing so, it will achieve global growth as a company that is  
always capable of addressing a wide variety of issues that are faced by customers all  
over the world. It will develop innovative products to quickly meet customers' needs.

The chemical industry faces many different issues, such as carbon neutrality. Going  
forward, we will put more effort into sustainability initiatives and we will contribute to  
the realization of a sustainable society.

We look forward to your continued support and encouragement in the future.





Otsuka Chemical Co., Ltd.

Established: August 29, 1950  
Capital: 5,000 million yen  
President and Representative Director: Hiroyoshi Tosa  
Head Office: 3-2-27 Ote-Dori, Chuo-Ku, Osaka 540-0021, Japan  
Employees: Consolidated 2,051 Non-consolidated 512 (as of December 2024)  
Net sales: Consolidated\*: 83,875 million yen (FY 2024)  
Non-consolidated: 37,562 million yen (FY 2024)

\* The consolidated figures have been calculated using data from Otsuka Chemical Co., Ltd. and its subsidiaries (including overseas affiliates), and have not been audited.



Locations

**Head Office**  
3-2-27 Ote-Dori, Chuo-Ku, Osaka 540-0021, Japan  
TEL: +81-6-6943-7701

**Tokyo Headquarters**  
2-2 Kanda-Tsukasamachi, Chiyoda-ku, Tokyo 101-0048, Japan  
TEL: +81-3-5297-2727

**Chubu District**  
Sakuradori Toyota Bldg. 13F, 4-5-28 Meieki, Nakamura-ku, Nagoya, Japan  
TEL: +81-52-571-5526

**Rep. Office of Otsuka Chemical Co., Ltd. in HCMC**  
7F, Empire Tower Building, 26-28 Ham Nghi Street, Ben Nghe Ward, District 1, Ho Chi Minh City 700000 VIETNAM  
TEL: +84 28 3636 1575

**Materials Development Laboratory, Organic Materials and Polymers Laboratory, Technology Development Laboratory**  
Kagasuno 463, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193, Japan  
TEL: +81-88-665-1689

**Tokushima Factory**  
Kagasuno 463, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193, Japan  
TEL: +81-88-665-1516

**Matsushige Factory**  
139-40 Aza-toyohisakaitaku, Toyohisa, Matsushige-cho, Itano-gun 771-0213, Japan  
TEL: +81-88-699-7980

**Naruto Factory**  
615 Aza-Hanamem, Satoura, Satoura-cho, Naruto-shi, Tokushima 772, Japan  
TEL: +81-88-684-2266



Otsuka Chemical Group

Otsuka-MGC Chemical Company, Inc.

Established: April 1, 2004  
Capital: 450 million yen  
Address: JMF-Bldg. Higobashi 01, 1-5-16, Edobori Nishi-ku, Osaka, 550-0002, Japan  
TEL: +81-6-6445-1501  
FAX: +81-6-6445-1502  
URL: <http://www.moc-hh.co.jp/>  
Business description: Manufacture and marketing of Hydrazine Hydrate

Otsuka-MGC Chemical Company, Inc., Japan's only and one of the world's leading companies specializing in hydrazine hydrate, was established in April 2004 when Otsuka Chemical Co., Ltd. and Mitsubishi Gas Chemical Company, Inc. spun off their hydrazine businesses. In addition to its main applications in water treatment, chemical foaming agents, and agricultural chemicals, hydrazine hydrate is now being used in a broader range of fields including electronics, healthcare, power plants, plastics, and chemicals. It is becoming increasingly important as a product indispensable for maintaining today's safe and prosperous lifestyles. The company is proud of its position and responsibilities as the top global manufacturer of hydrazine hydrate, and it will strive to expand its business into new fields while continuing to contribute to the environment and energy sectors.



Higashiyama Film Co., Ltd.

Established: May 23, 1949  
Capital: 1,087 million yen  
Address: Sakuradori Toyota Bldg. 13F, 4-5-28 Meieki, Nakamura-ku, Nagoya 450-0002, Japan  
TEL: +81-52-589-9105  
FAX: +81-52-589-9107  
URL: <http://www.hynt.co.jp/>  
Business description: Manufacture and marketing of Functional film

Higashiyama Film was established in 1949. It already has a history that spans over 70 years. The company started with film forming at its in-house facility and has been providing contract coating services since 1997. Today, Higashiyama Film is also concentrating on self-developed film products, leveraging the expertise it obtained through contract processing. For AR (Anti Reflection) film, which it developed in-house in recent years, the company's is developing the business based on promising product items including folder displays and mobility displays. With its proven history and the trust it has earned, We meets customers' high-performance film needs using processing technologies achieved at its existing in-house production facilities, with coating material compounding technologies that it has just begun pursuing and the human resources to make all of this possible.



SynCrest Inc.

Established: December 12, 2022  
Capital: 98 million yen  
Address: 2-26-1 Muraoka higashi, fujusawa-shi, Kanagawa 251-8555, Japan  
TEL: +81-466-24-5539  
FAX: +81-466-24-5539  
URL: <https://www.syncrest.com/>  
Business description: Contract Research, Development, and Manufacturing Services for Medium-Molecular-Weight Pharmaceuticals

Aiming to become a leading company in middle-molecule drug CRDMO (contract research, development and manufacturing organization), SynCrest comprehensively handles the entire process from library synthesis for drug discovery support to process development, manufacturing of investigational drugs, handling of documents for product launch and commercial production. As the ideal partner for pharmaceutical companies and research institutions, SynCrest utilizes an advanced, continuous flow synthesis method integrating in-line measurement and addresses problems and needs concerning Q (quality), D (delivery) and C (cost) in the drug discovery value chain. SynCrest also offers contract research, development and manufacturing services throughout the entire process from special raw material to intermediate and middle-molecule APIs, based on keywords including "speed", "high efficiency" and "high quality" to meet extensive demand from customers for exploratory research, drug discovery research and API manufacturing.



Agribest Co., Ltd.

Established: September 1, 2003  
Capital: 80 million yen  
Address: 25 Nishihara, Kagami, Ichiba-cho kagami, Awa-shi, Tokushima 771-1610, Japan  
TEL: +81-883-36-6201  
FAX: +81-883-36-6202  
URL: <http://www.agribest.jp/>  
Business description: Manufacture and marketing of agricultural crops

Agribest was established to provide consumers with fresh and delicious agricultural products that make the most of the power of nature and can be clearly traced back to the farms of origin. The company offers consumers safe and reliable agricultural products with excellent quality and at a good price.



Otsuka Ohmi Ceramics Co., Ltd.

Established: July 14, 1973  
Capital: 100 million yen  
Address: 3-2-21, Ote-Dori, Chuo-Ku, Osaka, 540-0021, Japan  
TEL: +81-6-6943-6695  
FAX: +81-6-6943-6487  
URL: <http://www.ohmi.co.jp/>  
Business description: Plan, design, manufacture and construction of ceramic board (toban)

Since its foundation in 1973, Otsuka Ohmi Ceramics has offered a product lineup in three main categories—large ceramic boards, terracotta, and OT ceramics with a wide array of products to satisfy our customers' needs, from flat and three-dimensional art materials to architectural pieces and decorative works for living spaces. Additionally, the company is highly regarded for its reproduction technology, which is used in the preservation of valuable cultural properties. One example is the full-scale ceramic panel reproduction of the mural found on the interior wall of the Kitora Tomb's stone chamber.



## Worldwide Network

# Otsuka Chemical maintains a worldwide network in 8 countries gaining trust globally

Since establishing a company to manufacture and market hydrazine in South Korea in 1988, Otsuka Chemical has established production and marketing bases around the world. These companies strive every day to earn respect as good corporate citizens in their respective countries and communities.



## Bases Outside Japan



### 1 KOC Co., Ltd.

Established: November 2, 1988  
Capital: ₩15billion  
Address: 67-34, Ijin-ro, Onsan-eup, Ulju-gun, Ulsan, 44998, Korea  
TEL: +82-52-240-1200  
FAX: +82-52-238-5886  
Business description: Manufacture and marketing of hydrazine hydrate  
URL: <http://www.ikoc.co.kr>



### 2 Higashiyama (Shanghai) Film Co., Ltd.

Established: December 29, 2005  
(capital invested November 13, 2014)  
Capital: US\$2.83million  
Address: Room208, Office Tower 2, No.900 Shenchang Rd, Minhang District, Shanghai P.R. China, 201106  
TEL: +86-21-3471-0325  
FAX: +86-21-3471-0028  
Business description: Sales and marketing of functional film



### 3 PT Lautan Otsuka Chemical

Established: July 17, 1989  
Capital: US\$22.5million  
Address: Graha Indramas, 5th floor Jl. AIP II K.S Tubun Raya No. 77, Jakarta 11410 Indonesia  
TEL: +62-21-5367-1251  
FAX: +62-21-5367-1250  
Business description: Manufacture and marketing of foaming agents  
URL: <https://lautanotsuka.com>



### 4 Hebron S.A.

Established: November 22, 1961  
Capital: € 330,000  
Address: Calle Girona, 20 08120 - La Llagosta, Barcelona, Spain  
TEL: +34-93-574-2011  
FAX: +34-93-560-1559  
Business description: Manufacture and marketing of general chemicals, especially resin additives  
URL: <https://www.hebronsa.es>



### 5 Trocellen Iberica S.A.

Established: December 20, 1988  
(capital invested July 31, 2006)  
Capital: €6.664million  
Address: C/Avila, N° 22-G E-28804, Alcalá de Henares (Madrid) Spain.  
TEL: +34-91-885-5500  
FAX: +34-91-885-5501  
Business description: Manufacture and marketing of polyolefin foams  
URL: <https://trocellen.com/>



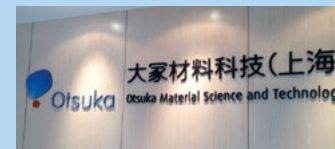
### 6 Otsuka Chemical (Shanghai) Co., Ltd.

Established: October 26, 2016  
Capital: US\$2.0 million  
Address: Room208, Office Tower 2, No.900 Shenchang Rd, Minhang District, Shanghai P.R. China, 201106  
TEL: +86-21-6236-8548  
FAX: +86-21-6236-8160  
Business description: Marketing for products of Otsuka Chemical and Zhangjiagang Otsuka Chemical in China  
<https://www.otsukasoc.com/>



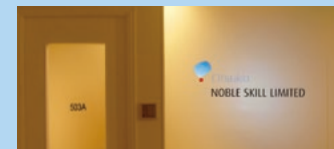
### 7 Zhangjiagang Otsuka Chemical Co., Ltd.

Established: October 26, 2004  
Capital: US\$15million  
Address: No. 33, Nanhai Road, Jiangsu Yangzijiang International Chemistry Industrial Park, Zhangjiagang City, Jiangsu 215635, China  
TEL: +86-512-5690-7600  
FAX: +86-512-5690-7616  
Business description: Manufacture and marketing of flaky titanate and special compounds  
URL: <http://zjg.otsukac.com.cn>



### 8 Otsuka Material Science & Technology (Shanghai) Co., Ltd.

Established: March 21, 2013  
Capital: RMB10million  
Address: 1st Floor AB Area, Building No.10, No.471 Guiping Road, Xuhui District, Shanghai 200233, China  
TEL: +86-21-6091-7675  
FAX: +86-21-6191-2937  
Business description: Research and development, and assessment of high-valued-added compounds and combination agents  
URL: <http://www.otsukamst.com.cn/>



### 9 Noble Skill Limited

Established: February 27, 2004  
(capital invested January 10, 2014)  
Capital: HK\$28.14million  
Address: Unit 1503C, 15/F., Eastern Centre, 1065 King's Road, Quarry Bay, Hong Kong  
TEL: +852- 2861-0995  
Business description: Resin, Resin parts and Assembling parts



### 10 Otsuka South China Precision Instruments (Shenzhen) Co., Ltd.

Established: November 13, 2011  
(capital invested January 10, 2014)  
Capital: RMB6.22million  
Address: Block B10, A-5 District, Tongfuyu Industrial Zone (Buchong), Shajing, Baoan, Shenzhen, Guangdong, China  
TEL: +86-755-8144-4001  
FAX: +86-755-8144-4008  
Business description: Manufacture and sale of plastic precision parts



### 11 Otsuka Chemical (India) Pvt. Ltd.

Established: January 2, 2006  
Capital: Rp415million  
Address: 402 JMD Pacific Square, Sector 15, Part-2, Gurgaon (Haryana) 122001, India  
TEL: +91-124-4597979  
FAX: +91-124-4597980  
Business description: Manufacture and marketing of pharmaceutical intermediates  
URL: <https://www.otsukaindia.com/>



### 12 Otsuka Chemical America, Inc.

Established: February 6, 2014  
Capital: US\$27million  
Address: 100 The Lakes Parkway, Griffin GA 30224 USA  
TEL: +1-678-572-4665  
Business description: Manufacturing and sale of Terracess (fiber-free potassium titanate)  
URL: <https://otsukachemicalamerica.com/>

## Offices Outsidess Japan



### 13 Rep. Office of Otsuka Chemical Co., Ltd. in HCMC

Address: 7F, Empire Tower Building, 26-28 Ham Nghi Street, Sai Gon Ward, Ho Chi Minh City 700000 VIETNAM  
Phone : +84 28 3636 1575



## Aiming to Earn Global Trust

Since establishing a company to manufacture and market hydrazine in South Korea in 1988, Otsuka Chemical has established production and marketing bases around the world. The company is striving each day to enhance its reputation as a good corporate citizen in countries and territories worldwide.

We contribute to the lives of people  
around the world by utilizing the power of materials.

U.S.A



Otsuka Chemical America, Inc.

Spain



Trocellen Iberica S.A.



Hebron S.A.



Spain

China



Zhangjiagang Otsuka Chemical Co., Ltd.

India



Otsuka Chemical (India) Pvt. Ltd.

South Korea



KOC Co., Ltd.

Vietnam



Rep. Office of Otsuka Chemical Co., Ltd. in HCMC

Indonesia



PT Lautan Otsuka Chemical



# Corporate Philosophy of Otsuka Holdings

Otsuka-people creating new products for better health worldwide

# Goal of Otsuka Group

To become an indispensable contributor to people's health worldwide

## Overview

The Otsuka group of companies, whose origins date back to 1921, aims to contribute to the health of people around the world. It aims to do so through two main pillars: the pharmaceutical business for the diagnosis and treatment of diseases and the nutraceutical\*<sup>1</sup> business to support the maintenance and promotion of everyday health.

The company's culture, summarized in a few words as, "Ryukan-godo" (by sweat we recognize the way), "Jissho" (actualization) and "Sozosei" (creativity), have been fostered by successive Otsuka leaders. These are emphasized by our 35,000\*<sup>2</sup> employees across 174 group companies in 32 countries and regions who strive to create and market unique products and services.

\*1. Nutraceuticals: nutrition + pharmaceuticals \*2. As of end of December, 2024. Otsuka Holdings and subsidiaries and affiliates.

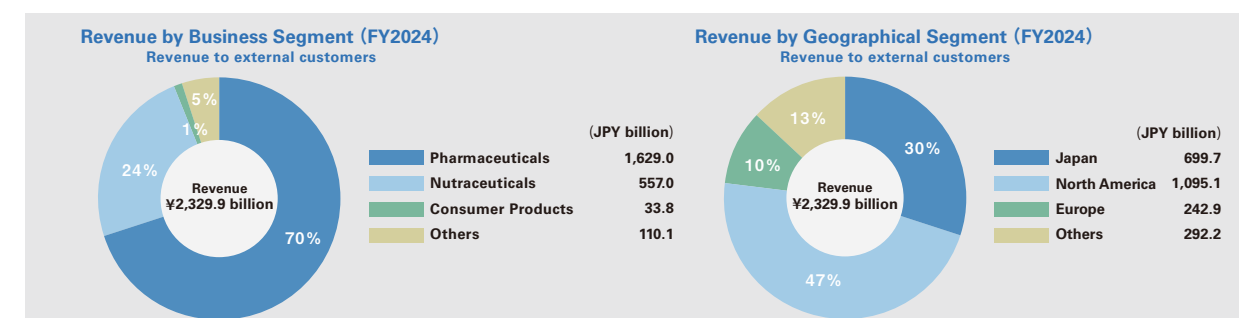
## Organizational Structure



## Milestones

- 1921 Founded as a chemical raw material manufacturer in Naruto City, Tokushima Prefecture
- 1946 Started infusion (intravenous solutions) production, entering the pharmaceuticals field
- 1965 Launched nutritional drink (ORONAMIN C DRINK), entering the nutraceuticals field
- 1971 Otsuka Pharmaceutical Co., Ltd. established the group's first pharmaceutical research laboratory
- 1973 First expansion outside Japan, in Thailand and the US
- 2008 Established Otsuka Holdings as a group holding company aiming to increase sustainable corporate value
- 2010 Otsuka Holdings Co., Ltd. listed on the Tokyo Stock Exchange
- 2021 100th anniversary of the Otsuka group

## Financial Highlights



For more information about Otsuka Holdings : <https://www.otsuka.com/en/>  
For information about Otsuka's CSR : [https://www.otsuka.com/en/csr/hd\\_activity/](https://www.otsuka.com/en/csr/hd_activity/)

## Otsuka's Sustainability

Solving social issues for a better future is the essence of our business activity itself. Our efforts extend beyond providing well-being to people; we also aim to make a positive impact on the global environment. We are united as an entire group and continue a path of sustainable growth as a total healthcare company for corporate growth and society.

### Corporate Philosophy

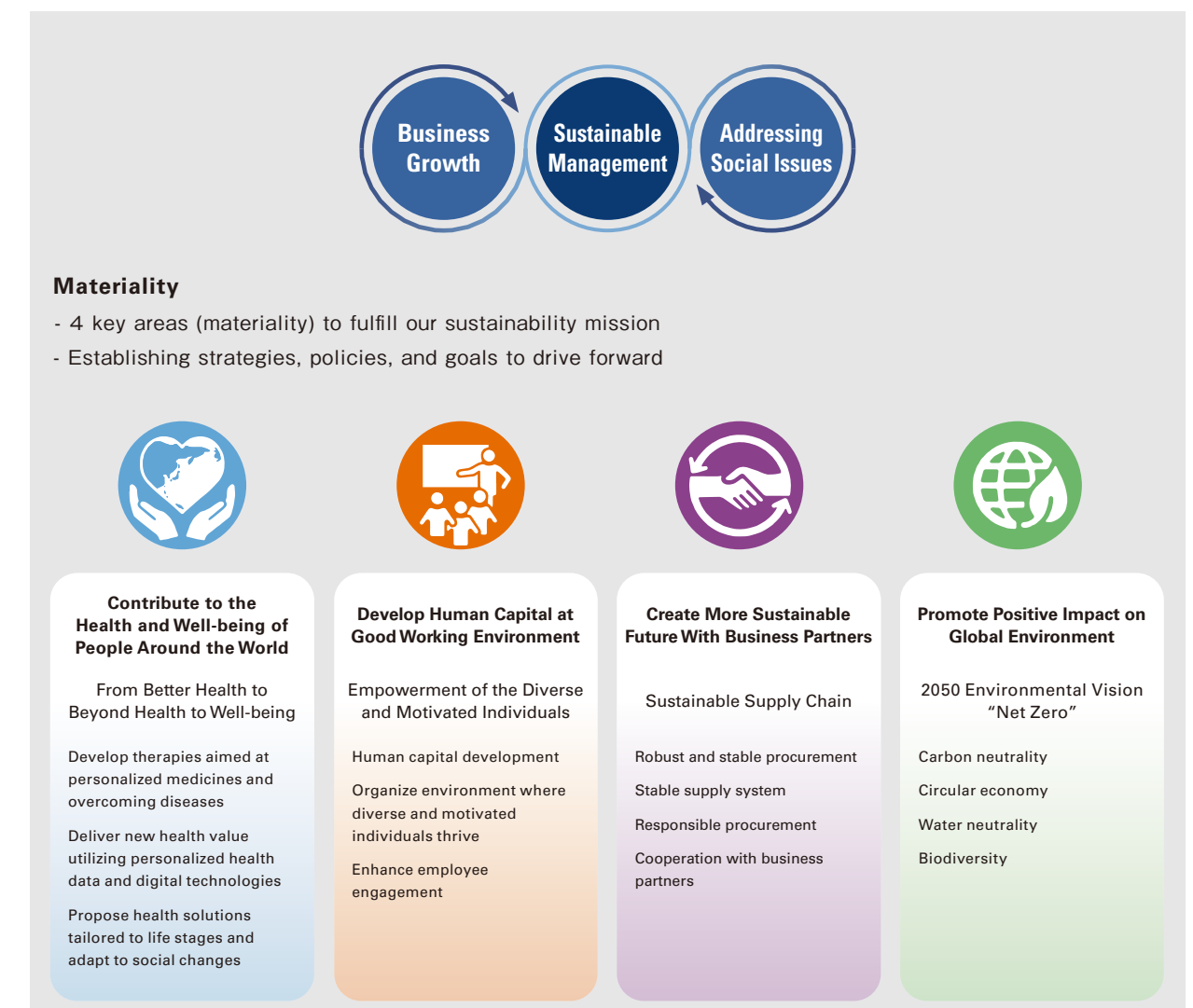
Otsuka-people creating new products for better health worldwide

### Goal

To become an indispensable contributor to people's health worldwide

### Sustainability Mission

Guided by its corporate philosophy, the Otsuka group works to solve social issues through its businesses and aims to grow while contributing to the creation of a healthy and sustainable society.

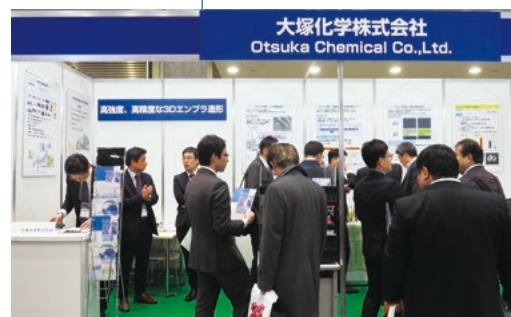


For more information about Otsuka group's sustainability : <https://www.otsuka.com/en/csr/>

# Otsuka Chemical has continued to grow by living up to the trust of its customers through technology and heartfelt commitment

Since its founding in 1950, Otsuka Chemical has won the trust of numerous customers as a top manufacturer and marketer of chemical products. Going forward, Otsuka Chemical will pursue further growth as a core company in the Otsuka Group.

<b>1950</b>	Otsuka Chemicals Inc. established. Manufacture and marketing of potassium nitrate and hydrazine started. Tokushima Factory (present Naruto Factory) established.	<b>1988</b>	Otsuka Chemical Korea Co., Ltd. (Present KOC Co., Ltd) established.	<b>2004</b>	Otsuka-MGC Chemical Company, Inc. established. Zhanjiagang Otsuka Chemical Co., Ltd. (China) established.	<b>2014</b>	Noble Skill Limited (Hong Kong) acquired. Otsuka South China Precision Instruments (Shenzhen) Co., Ltd. acquired. Otsuka Turftech Co., Ltd. became a subsidiary. Otsuka Chemical America, Inc. established. TERPLUS production facility completed at Tokushima Factory. Higashiyama Film Co., Ltd. Higashiyama (Shanghai) Film Co., Ltd. and Higashiyama Film Korea Co., Ltd. (Present Higashiyama Film Co., Ltd. Korea Office) 2009 acquired.
<b>1956</b>	Uniform AZ foaming agent launched.	<b>1989</b>	P.T. Lautan Otsuka Chemical (Indonesia) established. Hebron S.A. (Spain) acquired.	<b>2006</b>	Otsuka Chemical (India) Pvt. Ltd. established. Capital invested in Trocellen Iberica S.A. (Spain).	<b>2015</b>	TERRACESS production facility completed at Otsuka Chemical America, Inc.
<b>1965</b>	Oronamin C Drink launched. (Note: Otsuka Pharmaceutical Co., Ltd., markets Oronamin C Drink at present.)	<b>1990</b>	Antibiotic intermediate GCLE launched.	<b>2009</b>	Otsuka Chemical Holdings Co., Ltd. merges with subsidiary Otsuka Chemical Co., Ltd., and company name changed to Otsuka Chemical Co., Ltd. Became a wholly owned subsidiary of Otsuka Holdings Co., Ltd. through a share exchange.	<b>2016</b>	Otsuka Chemical (Shanghai) Co., Ltd. established.
<b>1968</b>	Production and marketing of Bon Curry started. (Note: Otsuka Foods Co., Ltd., markets Bon Curry at present.)	<b>1991</b>	$\beta$ -Lactamase inhibitor YTR bulk drug manufacturing facility completed.	<b>2010</b>	AgriTechno business became independent and established Otsuka AgriTechno Co., Ltd. (Present OAT Agrio Co., Ltd.)  Otsuka Holdings listed on the First Section of the Tokyo Stock Exchange in December 15th.	<b>2017</b>	Expansion of GCLE plant of Otsuka Chemical (India) Pvt. Ltd.
<b>1969</b>	Imagire Factory (now Tokushima Factory) opened. Capital increased to 2.4 billion yen.	<b>2000</b>	Matsushige Factory opened. Advanced titanate products TERRACESS launched.	<b>2011</b>	The 90th anniversary of the Otsuka group.	<b>2019</b>	Succeeded part of the Cefixime business from Astellas Pharma Inc.
<b>1974</b>	Hydrazine manufacturing equipment increased.	<b>2002</b>	Otsuka Food Co., Ltd., made a subsidiary through share exchange. Capital increased to 3.3 billion yen. Company name changed to Otsuka Chemical Holdings Co., Ltd. Moved to an operating holding company structure. Otsuka Chemical Co., Ltd., established to take over the chemicals and agrochemicals business Otsuka Furniture MS Co., Ltd. established to take over the furniture business	<b>2013</b>	Otsuka Chemical Co., Ltd. established Otsuka Material Science and Technology (Shanghai) Co., Ltd. (China)	<b>2022</b>	SynCrest Inc. established.
<b>1977</b>	Food additive (flavoring agent) Maltol launched.	<b>2003</b>	Agribest Co., Ltd. established.			<b>2023</b>	Opened Vietnam office.
<b>1978</b>	The potassium titanate whisker "TISMO" sales.						
<b>1984</b>	Merged with Otsuka Furniture Co., Ltd. Capital increased to 2.8 billion yen. Furniture division established. Company name changed to Otsuka Chemical Co., Ltd.						





# Otsuka Chemical's Chemical Business

## Chemical / Material Solution

Otsuka Chemical succeeded in establishing the hydrazine industry in Japan. With a focus on hydrazine derivatives, and using advanced synthesizing technologies, it provides high-performance polymers and functional chemicals catering to a wide range of needs.

It also researches, develops and manufactures resin compounds and other new materials in areas such as organic and inorganic materials.

The Chemical / Material Solution works to develop a diverse range of high value-added materials that match the needs of the smart device and mobility markets (among others), based on chemical technologies developed thus far in the fields of organic, inorganic and polymer chemistry. The division seeks not only to propose materials, but also to propose a range of solutions to various industries from a global perspective. For example, Otsuka Chemical's hydrazine derivatives business uses hydrazine as a starting point and also includes aldehyde absorbents, cross-linking agents for resin and rubber additives, among other materials, whereas the organic materials business operations deal in materials such as foaming agent. is that we are able to conduct high-quality and cost-competitive business operations using an integrated production approach, from the raw material stages. This makes it possible for us not only to synthesize general-use hydrazine derivatives but also offer custom synthesis from lab scale to plant scale, according to the needs of our customers.



In the inorganic salts business with a focus on sodium chloride, which the Otsuka Group began producing since the time of its establishment, as well as the ceramic products business derived from it, Otsuka Chemical develops, manufactures and sells a diverse range of functional fillers including brake materials, resin reinforcements and conductive materials. Thermoplastic compounds that utilize these ceramic technologies are also used in many fields. We research and develop composite materials with typical performance characteristics that include tribological characteristics, precision reinforcement, conductivity, and dielectric properties. We also manufacture parts by injection molding and modeling using 3D printers.

In the advanced polymer business we use a proprietary living radical polymerization technology called "TERP method" to produce and sell the advanced polymer TERPLUS. We currently supply TERPLUS for a wide range of applications, including pigment dispersant agents and adhesives.



By focusing on advanced materials and always pursuing technological innovation, Otsuka Chemical aims to create products that help realize more prosperous lifestyles. Centered on hydrazine, inorganic materials, compound materials, and pharmaceutical intermediates, the company provides products globally in the fields of automobiles, electrical and electronic products, housing, and medicine.

## Main Products



- High Performance Polymer
  - TERPLUS (dispersant and pressure sensitive adhesive)
- Rubber Additives
  - Acroad
- Potassium Titanate Fibers
  - TISMO (staple material for disk brake pads)
- Advanced Titanate Products
  - TERRACESS (scale-like filler, raw material for nextgeneration disk brake pad)
- Conductive Ceramic Materials
  - DENTALL
- Multifunctional Compounds
  - POTICON (high rigidity, surface characteristics, tribological characteristics)
  - High Dielectric Constant POTICON
  - POTICON for Film
  - POTICON Filament (TISMO formulated resin composite material filament for 3D printers)
- Conductive Compounds
  - WHISTATT
- Aldehyde Absorbent
  - CHEMCATCH (deodorizers)
- Foaming Agents
  - Uniform AZ
  - Unifoam AZ Ultra
  - Unifoam AZ Blended Foaming Agents
  - Uniform AZ P series
- Hydrazine Derivatives
- Hydrazide Compounds
- Polymerization Initiators
  - AZO series
  - OTAZO / MAIB
- Rust Preventive Agents
  - SHADAN (corrosion inhibitors, detergents, surface preparation agents)
  - FR series (scale and rust removing detergents)
- High Quality Inorganic Salts
- Electrolyte Solution for Capacitors
  - Q-CHARGE
- Reactive Ultraviolet Absorber
  - RUVA-93

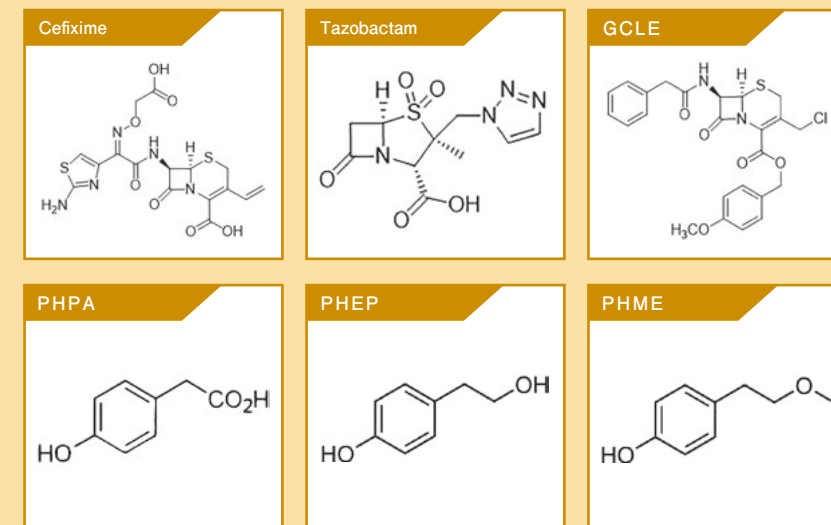
## Life Science Solution

Otsuka Chemical is well known worldwide for its development and manufacturing of pharmaceutical intermediates, synthetic reagents, and APIs using proprietary technologies.

Otsuka Chemical researchers independently developed GCLE, an intermediate for cephalosporin antibiotics. Building on the technology accumulated during that process, the company is undertaking R&D into  $\beta$ -lactam and other pharmaceutical intermediates and bulk drugs. The company also manufactures pharmaceutical intermediates and synthetic reagents that use aromatic compounds and their derivatives. These product lines are not only in the field of pharmaceuticals, but have a wide range of applications as electronic materials, cosmetic intermediates, food flavor agents, and so forth, and are well known in Japan as well as internationally. In 2006, the company established Otsuka Chemical India, which is now a manufacturing plant for GCLE. Recently, we have been focusing on cefixime (antibacterial drug) APIs.



## Main Products



- APIs
  - Cefixime (Antibiotic)
  - Tazobactam ( $\beta$ -lactamase inhibitor)
- Other Intermediates, Reactants, Fragrance Chemicals
  - p-Hydroxyphenethyl alcohol (PHEP)
  - p-(2-Methoxyethyl)phenol (PHME)
  - p-Hydroxyphenylacetic acid (PHPA)



Automotive

Dispersant  
TERPLUS

By controlling the arrangement of components that affect affinity to a solvent or binders and absorption to pigment based on block polymer structure, a product with both outstanding dispersant properties and dispersant stability has been realized.

Windshield  
Potassium nitrate

Strength of the glass is improved.

Aldehyde deodorizing agent  
CHEMCATCH

As an aldehyde absorbent, CHEMCATCH has been used in automobiles.

Electric parking brake・Clutch・Side-view mirror・Interior trim  
UNIFOAM AZ

This product is used for automotive door trim and instrument panels in order to improve the design. It is also used in automotive interior ceilings for soundproofing, anti-vibration, and insulation.

POTICON

It is a compound material made from thermoplastic resin and TISMO, a potassium titanate fiber. It offers high dimensional accuracy and abrasion resistance.

Bumper  
DENTALL WK

While offering the features of potassium titanate fiber, this is a white conductive ceramic. It is used as a conductive material for electrostatic paint primer on automotive bumpers.

Friction agent for brake pads  
TISMO

A ceramic with high strength, high rigidity, and a high aspect ratio. It is used for oil filters and as a friction material for brakes.

Weatherstripping  
UNIFOAM AZ

This product is used for weatherstripping, the product controls the intrusion of wind, rain, dust and noise.

Anti-chip coating  
Hydrazide compounds

Resin curing agents that are widely used in areas such as adhesives and paints.

Tire  
Acroad

Acroad is contained in tire rubber and serves as a raw material to increase a tire's fuel efficiency and prolong product life.

Electrical and electronic equipment

Camera module  
POTICON

A compound material made from thermoplastic resin and TISMO, a potassium titanate fiber. It is a high-performance compound with high dimensional accuracy and micro reinforcing.

LED  
POTICON

Used for LED reflectors found in display light sources, due to its highly reflective and weather resistant properties.

Glass  
Potassium nitrate

Used as a reinforcing agent for glass.

LED  
POTICON

Used for LED reflectors found in display light sources, due to its highly reflective and weather resistant properties.

Heat insulating bush  
POTICON

Fixed gear, Slide bearing  
POTICON

Drum flange gear  
POTICON

Ink cartridge bearing  
POTICON

Condensers, Reducing agent  
Hydrazine derivative

Touch panel  
Hard coat film  
Anti-shatter film

This product is manufactured and sold by Higashiyama Film a subsidiary of Otsuka Chemical.

Semiconductor-related cleaning agent  
Hydrazine derivative

The material is highly reactive to thermosetting epoxy resin, making hardening at low temperature possible.

Dispersant, Pressure sensitive adhesives  
TERPLUS

Pigment dispersant: color filter, inkjet ink etc Pressure sensitive adhesive: Protective film for various processes, OCA etc By decreasing oligomer that affect contamination resistance and heat resistance based on controlled molecular weight polymer.

Driver roller  
POTICON

Membrane switch  
Industrial printing film

This product is manufactured and sold by Higashiyama Film a subsidiary of Otsuka Chemical.

Housing-related

LED  
POTICON

It is used for LED reflectors found in display light sources, due to its highly reflective and weather resistant properties.

Glass  
Potassium nitrate

Used as a reinforcing agent for glass.

Deodorizer for interior paint  
CHEMCATCH

As an aldehyde absorbent, CHEMCATCH has been used in many different product areas such as building materials and paint.

Paint for interior building materials  
RUVA-93

A benzotriazole type ultraviolet absorber with a reactive group. It is ideal for film and paint applications where heat resistance and long-term stability are required.

Flavoring  
PIROMATOL

It is used as a food additive flavoring.

Food additives and food processing  
Sodium chloride  
Potassium chloride  
Potassium nitrate

Wallpaper  
UNIFOAM AZ

Improvement of design quality

Flooring  
UNIFOAM AZ

This product is used for flooring, the product increases the shock-absorbing, thermal insulation, and sound deadening properties of flooring.

Pharmaceuticals

Active pharmaceutical ingredients  
β-Lactam compounds

The company supplies bulk drugs such as oral antimicrobial agent Cefixime and β-lactamase inhibitor Tazobactam.

Pharmaceutical intermediates  
GCLE  
p-Hydroxyphenethyl alcohol (PHEP)  
p-(2-Methoxyethyl)phenol (PHME)  
p-Hydroxyphenylacetic acid (PHPA)

They include β-lactam compounds such as GCLE, which is an intermediate of cephalosporin antibiotics, and aromatic compounds, which are synthetic raw materials for pharmaceuticals.

I.V. solutions  
Potassium chloride  
Sodium chloride  
Calcium chloride dihydrate  
Magnesium chloride hexahydrate

Oligonucleotide / Peptide therapeutics  
CDMO\* service for oligonucleotide/peptide APIs (GMP/ non-GMP)  
\*CDMO =Contract Development and Manufacturing Organization  
This product is available from SynCrest Inc., a subsidiary of Otsuka Chemical.

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# Focusing research and development on creating the products the world need

The R&D division of Otsuka Chemical has the vision of "delivering value to customers through innovative technology". With its globally competitive technologies, we are engaged in the research and development of products for the international market. We handle the processes from basic and applied research and prototyping at pilot-scale testing facilities to commercialization.

We continue to take on the challenge of creating new core technologies to promote "KATACHI Business" to give form to the potential of materials, and to achieve sustainability goals, such as attaining carbon neutrality.

## Materials Development Laboratory

### Aiming at the development of revolutionary only one product



Otsuka Chemical conducts R&D that contributes to society by creating core technologies, building confidence with customers, and achieving sustainable development.

The Materials Development Laboratory aims to develop one-of-a-kind products through research and development from the perspectives of new market needs and technology seeds. These efforts are based on component technologies developed in past research activities acquired through product development in the fields of inorganic materials and resin compound materials. In the field of inorganic materials, research and development is focused primarily on titanates. Products such as TISMO and TERRACESS, which are characterized by their excellent frictional stability, micro-level reinforcement and tribological characteristics are used in applications such as brake pads for automobiles.

We also pursue applications for inorganic synthesis processing, powder shape, composition control and other technologies in battery materials and paint.

In the field of resin compound materials, we have created POTICON, a custom compound product based on TISMO. Harnessing the functions of TISMO, the product plays extensive roles that are close to our lives, for instance in the precision parts of watches and smartphones and the mechanism parts of printers and automobiles.

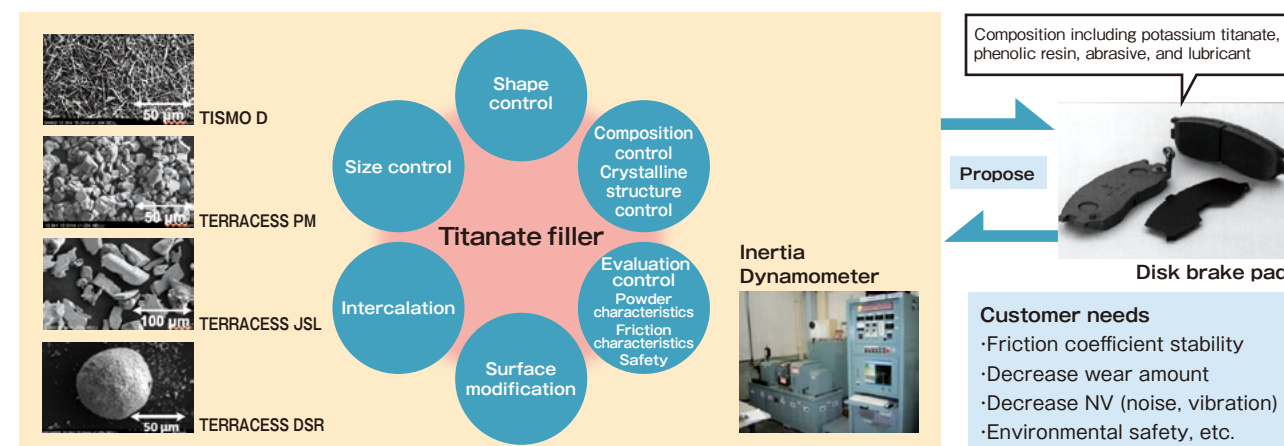
In recent years, we have been approaching customers in many different fields with the aim of expanding our KATACHI Business for creating films, blocks, filaments and other products leveraging the characteristics of POTICON.

In line with Otsuka Chemical's vision of becoming "a company that collaborates with customers to find creative new ways to use advanced materials", the Materials Development Laboratory will continue to create technologies and products that will serve as the basis for this.



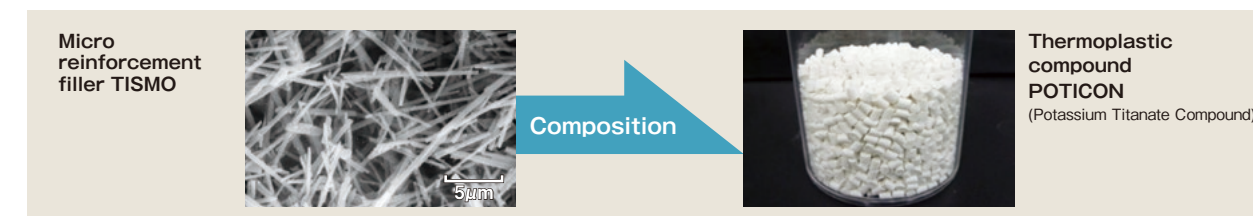
### Development of Titanate for Friction Materials

We are pioneering new chemical frontiers in the effects of titanate to meet the needs of diverse customers.

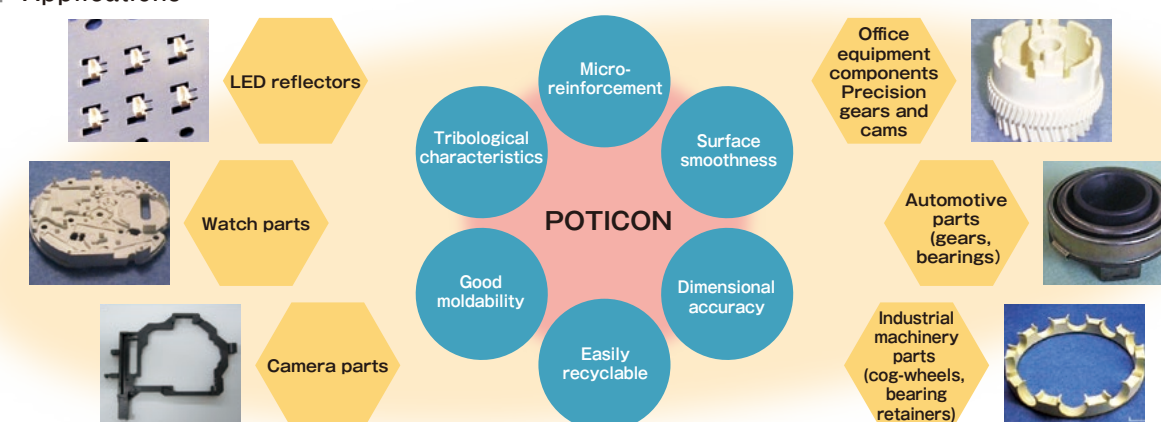


### Development of the Resin Compound POTICON

We propose optimal resin materials for the customer's various precision parts and sliding parts.

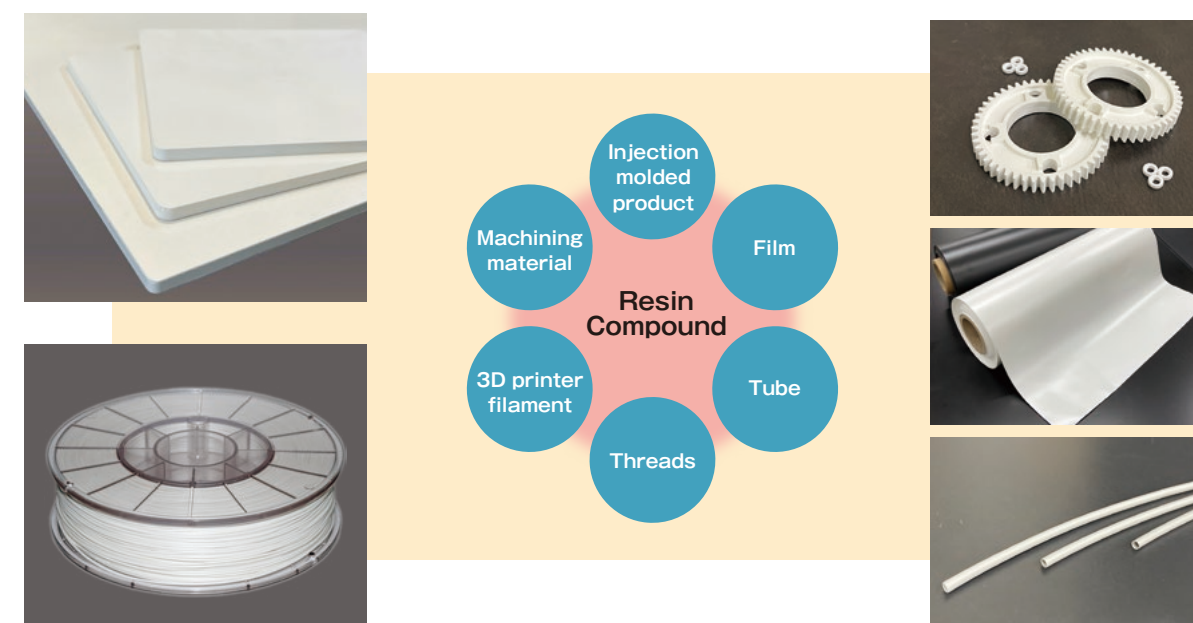


#### Applications



### Application to Resin Compound Materials and Processed Products

To meet the needs of a wide range of customers, we offer resin compound materials processed into different forms based on the extrusion processing technology we have developed over many years.





## Organic Materials and Polymers Laboratory

The Organic Materials and Polymers Laboratory uses organic and polymer chemistry in the research and development of unique functional polymer materials and rubber additives.  
We are striving to pioneer new materials and application fields that will support future industries by combining and deepening our unique technologies and expertise in the areas of both functional polymer materials and rubber additives.

### Controlled Radical Polymerization: TERP Method

#### Proposing new market value with proprietary controlled radical polymerization technology

We are conducting research and development in the field of functional polymer materials using the TERP method, a proprietary controlled radical polymerization method developed in collaboration with Yamago Laboratory, Kyoto University.

The TERP method is characterized by its advanced control of molecular weight distribution, wide-ranging versatility applicable to various monomers, and high functional group resistance. These characteristics make it possible to design various functional polymer materials with new, unprecedented properties. To date we have developed products with new applications, such as adhesives leveraging molecular weight distribution control in the high molecular weight domain features, and pigment dispersants that can be created in a wide range of designs taking advantage of the monomer versatility in block copolymer synthesis. These products have been launched onto the market under the TERPLUS brand name.

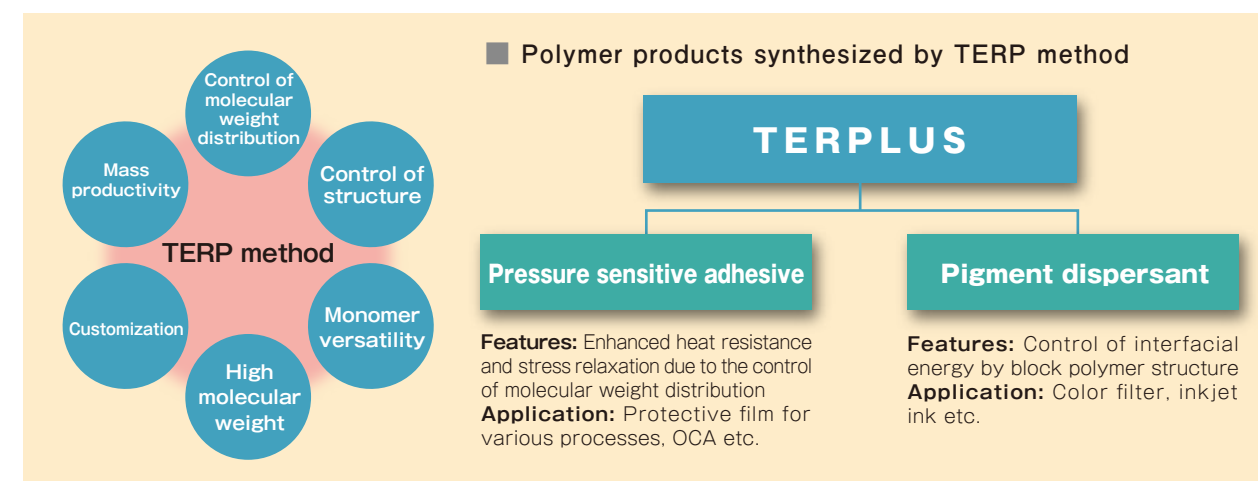
We are also developing commercial production processes utilizing pilot facilities at a dedicated TERPLUS plant, situated inside our Tokushima Factory.

Moving forward, we will continue to propose new value to the market by developing functional polymer materials utilizing the TERP method.



### Development of Functional Polymer Materials

We propose functional polymer materials to meet market demands by the advantage of Otsuka Chemical's controlled radical polymerization technology TERP method.



The technical awards of the adhesion society of Japan in 2013  
Inoue Harushige prize in 2018

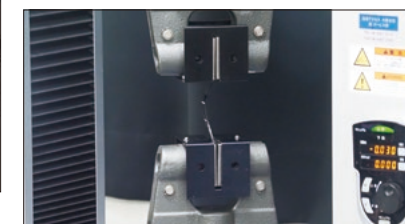
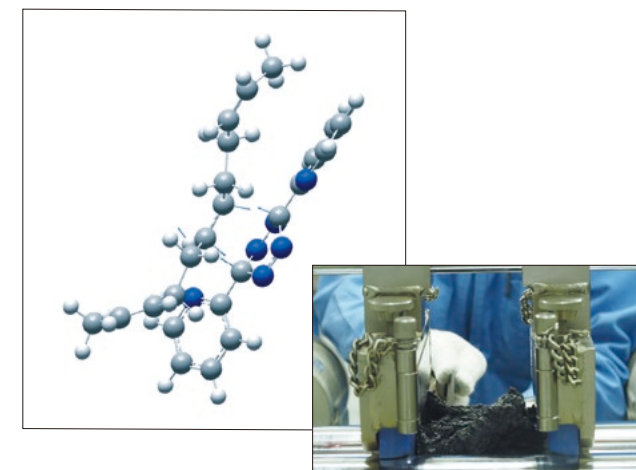
## Development of Rubber Additives

### Contributing to the creation of an environmentally friendly mobility society with proprietary technologies developed in hydrazine chemistry

We are engaged in the research and development of specialized organic chemicals that can improve the fuel economy and durability of automobile tires. Our activities range from the chemical structure design and organic synthesis of unique novel compounds to the basic evaluation of their rubber material properties.

Otsuka Chemical is engaged in the efficient development of new additives, by introducing equipment that enables evaluation of basic rubber properties from in-house production of rubber test samples.

Through these evaluation and analysis technologies, we also aim to be able to propose appropriate additive types and methods for utilizing them to companies that produce rubber products. We are also responsible for global commercialization and production technologies for these additives.



Tires are important components that relate to the safety, environmental performance and comfort of automobiles. The performance of tires is affected greatly by the properties of the rubber materials used.

The world's first original compounds developed by Otsuka Chemical have been adopted in rubber materials for high-performance tires. Although these compounds are not conspicuous because they exist only in trace amounts in rubber materials, they contribute greatly to today's mobility society.

In particular, the chemical technologies for creating fuel-efficient tires, which improve the fuel economy of automobiles, contribute to the reduction of the environmental impact of automobiles by controlling carbon dioxide emissions.





## Collaborating with customers to find creative new usage by utilizing advanced materials

### Technology Development Laboratory

#### Strengthening competitiveness in the global market in the areas from development to production

For chemicals and materials, we research manufacturing process and commercialization of materials such as hydrazine derivatives, foaming agents, azoic radical polymerization initiators, epoxy resin curing agents, acrylic resin crosslinking agents, aldehyde absorbents, capacitor electrolytes, reactive UV absorbers and semiconductor additives. The core of these materials is hydrazine hydrate, a material we were the first to manufacture industrially in Japan. Our wide-ranging R&D activities also encompass the custom synthesis of different derivatives adapted to the needs of our customers.

For life science, our research and development is directed at improving our production capacity and product power and commercializing products by developing processes for manufacturing APIs and intermediates based on the technologies accumulated through the development of tazobactam and GCLE. Tazobactam is a  $\beta$ -lactamase inhibitor while GCLE is a cephalosporin key intermediate. As demand for semiconductor additives has been increasing in recent years, we are also developing high purity products.

Regarding safety, we are implementing innovative and safe process development activities under the slogan, "Ensuring safety with safety processes and safety equipment".

With our competitive manufacturing processes and commitment to manufacturing, we continue to provide our highly reliable products to the world.



#### Contract Manufacturing

For many years, Otsuka Chemical has been committed to the development of functional hydrazine derivatives and technologies for manufacturing  $\beta$ -lactam antibiotic APIs and intermediates.

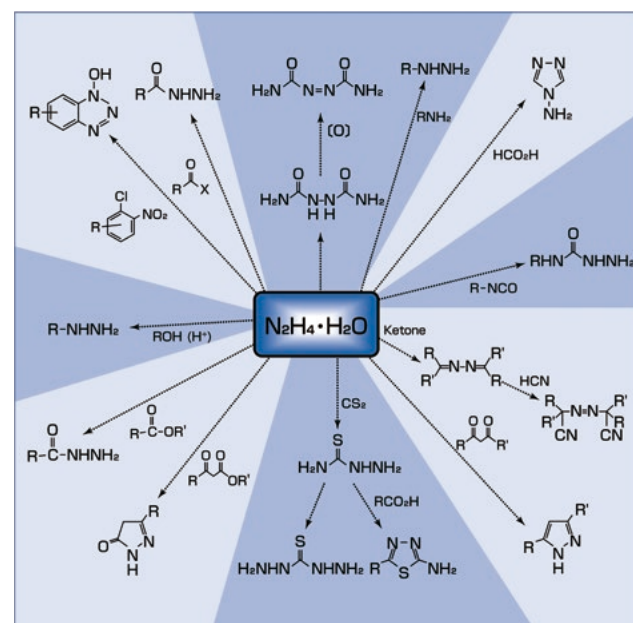
We also cater to customer needs for contract manufacturing, including the development of manufacturing processes, based on the various manufacturing technologies that we have developed so far.

#### Chemicals and materials

- Hydrazine, hydrazine derivatives
- Organic and inorganic foaming agents
- Reactive UV absorbers, curing agents and corrosion inhibitors
- Capacitor electrolytes
- High purity additives for semiconductors (metal reductants, resist additives, CMP slurry additives, and more)

#### Life science

- Active pharmaceutical ingredients (APIs), pharmaceutical intermediates
- Non-clinical APIs, clinical APIs



## As an environmentally friendly company, Otsuka Chemical ensure

### Tokushima Factory



The Tokushima Factory opened in 1969 and began production of hydrazine. The following year it began production of Bon Curry and other foods in retort pouches. (Today, the Otsuka Group's foods business is operated by Otsuka Foods Co., Ltd.) In 1973, the factory acquired a license to manufacture pharmaceuticals.

#### Main Production Lines:

TISMO (functional inorganic fiber)  
TERPLUS (dispersant and pressure sensitive adhesive)  
Maltol (flavor enhancer)  
Resin additives and softeners  
Resin modifiers  
Hydrazine derivatives

Kagasuno 463, Kawauchi-cho, Tokushima-shi,  
Tokushima 771-0193, Japan  
TEL: +81-88-665-1516 FAX: +81-88-637-1099

### Naruto Factory



The Naruto Factory opened in 1950 as the company's first production site. It started with the manufacture of inorganic chemicals, polymerization initiators, and other chemicals.

#### Main Production Lines:

Inorganic salts  
Polymerization initiators

615 Aza-Hanamen, Satoura, Satoura-cho, Naruto-shi,  
Tokushima 772-8601, Japan  
TEL: +81-88-684-2266 FAX: +81-88-684-2359

### Matsushige Factory



The Matsushige Factory was established in 2000 and started to manufacture pharmaceutical intermediates. The following year it began production of the functional plastic compounds POTICON and WHISTATT. It is the company's most advanced production site.

#### Main Production Lines:

POTICON (functional composite material)  
GCLE derivative (pharmaceutical intermediate)

139-40 Aza-toyohisakaitaku, Toyohisa, Matsushige-cho,  
Itano-gun, Tokushima 771-0213, Japan



## We are actively orienting our structure toward energy saving, reduction of environmental impact and environmental friendliness

### Reducing CO<sub>2</sub> emissions by switching fuels and consolidating equipment

In January 2024, a new cogeneration system started operating at the Otsuka Chemical Tokushima Factory.

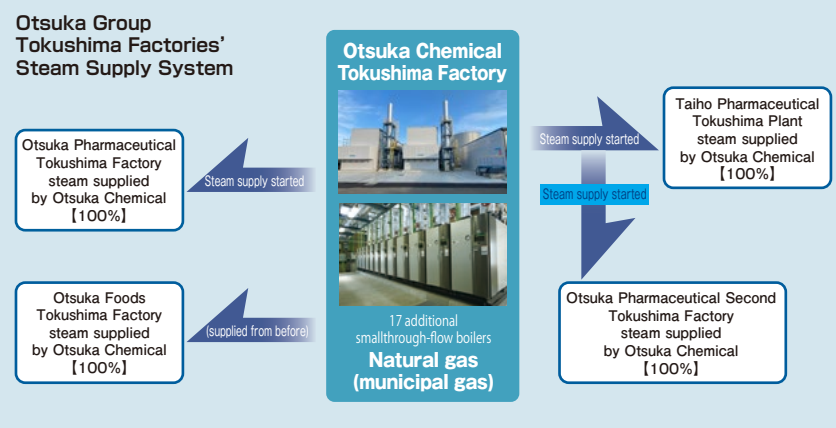
The system generates power using city gas as a fuel and effectively uses the heat generated during power generation in factories' air-conditioning and steam systems.

Through the operation of this system, the Otsuka Group companies operating in the Tokushima Imagire area are supplied with electricity and steam. This is expected to reduce the annual CO<sub>2</sub> emissions of Otsuka Pharmaceutical Co., Ltd., TAIHO PHARMACEUTICAL CO., LTD., Otsuka Foods Co., Ltd. and Otsuka Chemical Co., Ltd. by approx. 8,000 tons.

Power wheeling via Otsuka Business Support Co., Ltd. started in April 2025 and Otsuka Pharmaceutical Factory, Inc. (the Naruto Factory and the Matsushige Factory) is being supplied with electric power, which is increasing the efficiency of its cogeneration systems.

Three Otsuka Chemical offices have acquired ISO 14001 certification of their environment management systems. In August 2020, the Otsuka Group started acquiring an integrated certification\* to reinforce governance throughout the Group. The Group is working together as one in its environmental activities under its integrated environmental goals and management system.

\*As of the end of 2024, ten domestic affiliates and Otsuka Holdings Co., Ltd., the umbrella organization, have acquired integrated certification.



## Quality Assurance Initiatives

The products of Otsuka Chemical are used in various applications in a variety of fields including pharmaceuticals, food products, automobiles, electronics, and housing. By ascertaining individual customer needs as well as the needs of each industry, the company is creating products that satisfy customers based on stringent quality control.

Our company has obtained ISO 9001 certification for the international standard of quality management systems across the entire company (excluding some departments). Furthermore, our domestic and overseas affiliated companies have also obtained certifications such as ISO 9001 and IATF 16949 (Automotive Industry Quality Management System Standard), establishing a globally coordinated production and quality assurance system.

With a corporate philosophy of trust, Otsuka Chemical is working to continually enhance not just product quality, but also the quality of its people, systems, and work in order to continue providing customers with reliable products. In this way, the company is improving its quality assurance level and the performance of the company as a whole, as well as the value and quality of its products and services, aiming to pursue sustainable growth.



## Anzen Dojo (Safety Training Center)

Located in the Tokushima Factory, the Anzen Dojo not only imparts safety knowledge through classroom learning, but also aims to improve the hazard awareness of all participants, through hazard experience training. In 2014, this program was recognized by the Japan Chemical Industry Association's 8th Responsible Care Awards.



## Improvement of employee training

Each employee of Otsuka Chemical is enthusiastically devoted to learning every day.

## Initiatives for Human Resources Development



Project Management Training

Otsuka Chemical provides opportunities for training and practice to ensure that employees steadily learn new things and make substantial gains through experience. Based on this belief, the company promotes human resources development using on-the-job training. Young employees are often included as members of major projects, regardless of their job title, and actively selected and promoted to positions of responsibility. This approach has not changed over the years, and the company remains focused on systematic human resources development at a time when there is an urgent need for global management due to the rapid social, economic, and industrial changes in recent years.

## Training and Education System (Grade-Specific Training)

Along with grade-specific training when employees join the company and at the time of promotion to section chief, assistant manager, and manager, the company provides follow-up training two years after joining the company (for those hired directly from high school, university, etc.) and ample step-up training every four to five years. The aim is for younger employees to experience steady growth. In addition to cross-cultural and foreign language training for employees to be posted outside Japan, the company also provides employees to be assigned overseas with cross-cultural, foreign language, and other necessary training. In addition, the company provides training for selected employees, including training of next-generation leaders, and sends executives and next-generation human resources to courses at external educational institutions so that they can gain a systematic grounding in business administration.



Training session

## MBA Support

Otsuka Chemical invites interested employees to apply for company support for tuition toward an MBA with the aim of fostering future managerial and other human resources who are ready for the global stage. In addition to performing their jobs and studying at the same time, most of the teaching is in English, so the experience is quite demanding for the participants both physically and mentally, but they report improved abilities in advanced business administration as well as better English skills and helpful networking with other motivated participants. The employees get a lot out of the program and it is definitely worth the effort.



MBA earned in March 2022



## Self-Development Support

Otsuka Chemical has programs to enhance motivation and the desire to learn in employees, such as a language certification reward program and a self-development grant system, which pays half the cost of eligible courses. The company has also implemented the Computerized Assessment System for English Communication (CASEC) and free e-learning courses. This has created an environment where employees have access to a wide range of study opportunities.

On the other hand, every month, the company holds an online self-development seminar themed on various topics by inviting an internal or external lecturer. Any employee can participate in this seminar.





# D&I (Diversity & Inclusion) Promotion

We promote D&I as one of our efforts to achieve the sustainable growth of society and the Otsuka Group.

## D&I (Diversity & Inclusion) Promotion

Otsuka Chemical has established a D&I Committee as part of its management strategy. The committee aims to improve organizational performance by taking steps to enhance the diversity of human resources, to allow all individuals to demonstrate their abilities, and to generate knowledge synergy. While also aiming to ensure that Otsuka Chemical is an attractive place to work and a company trusted by society, the company is carrying out D&I promotion measures according to the following three company policies, implementing both initiatives, physical and non-physical, including work-life balance initiatives, introducing a remote work system, encouraging employees to take childcare leave, and organizing social events for young employees.

1. Creating a company where motivated and capable employees want to keep working.
2. Training human resources that can respond to national, cultural, and gender diversity.
3. Localizing global developments (glocalization).



Otsuka Group D&I promotion personnel meeting



## Promoting Women's Participation

Otsuka Holdings of the Otsuka Group is a signatory of WEPs (Women's Empowerment Principles), corporate action principles for companies that actively promote women's participation, which were jointly developed by the UN Global Compact and UN Women. In March 2019, Otsuka Chemical received L-star (Eruboshi) certification (three stars) based on the Act on Promotion of Women's Participation and Advancement in the Workplace.

## 2025 Certified Health & Productivity Management Outstanding Organizations Recognition Program

At Otsuka Chemical, Hiroyoshi Tosa, President and Representative Director, made the Declaration on Health in June 2020. Building an environment in which employees remain healthy and satisfied with their jobs is one of the top priorities for a company. With this in mind, Otsuka Chemical organized a health management structure to facilitate its commitment to health management and it has been working to build an environment that helps employees stay healthy and have job satisfaction based on the Otsuka Chemical Declaration on Health. In 2023, Otsuka Chemical was certified as an Outstanding Health & Productivity Management Organization for the first time, and it has continued to be certified in 2025.

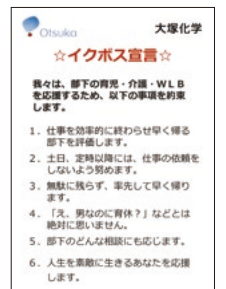


## Work-life Balance

Otsuka Chemical has enhanced a work system that supports balancing of nursing care/childcare and work. For example, a short-time work system for childcare and a staggered work shift for childcare are available until an employee's child finishes the 3rd grade of elementary school. A short-time work system for nursing care and a staggered work shift for nursing care are available for a year per applicable family member. We are also striving to improve work-life balance by introducing No Overwork Day and a remote work system, etc. In 2020, we were authorized by the Minister of Health, Labour and Welfare as an excellent company that supports childcare in "Platinum Kurumin".

## The IkuBoss Declaration

In 2019, we joined the IKUBOSS CORPORATE ALLIANCE, a network of companies motivated to develop ideal bosses (IkuBosses) for a new age, and we established The IkuBoss Corporate Alliance. We are aggressively committed to the development of ikubosses who are continually able to perform at a high level while supporting their subordinates in their lives and careers so that all employees can achieve their own healthy work-life balance. This company is willing to help you to live a wonderful life.



## Global Exchange Program for Human Resources

Since 2014, the Otsuka Chemical Group has run the Global Exchange Program to find and train human resources who contribute to the Otsuka Chemical Group's globalization, and as one aspect of its activities to promote diversity. Currently Otsuka Chemical accepts employees from overseas subsidiaries for around two weeks, and conducts training programs to improve their understanding of the Otsuka Chemical Group and Japan. The next step will be for Otsuka Chemical employees to participate in parallel training programs at overseas subsidiaries.



## Workplace Childcare

The Otsuka Group has in-office nurseries in Tokushima, Osaka, and Tsukuba. The Tokushima center had a capacity of 100 at the time of its opening in 2011, but this increased to 150 by 2014 and 210 by 2018, making it one of the largest in-office nurseries in the country. We are supporting the diverse lifestyles of our employees as well as establishing an environment where they can keep working with peace of mind.



## Associated Data

	2019	2020	2021	2022	2023	2024
Ratio of women to all persons holding managerial positions	9.6%	10.4%	10.9%	12.3%	12.2%	13.2%
Ratio of managerial-level women to all female full-time employees	27%	24%	24.6%	27.9%	26.6%	27.9%
Ratio of managerial-level persons to all full-time employees	31%	30%	30.8%	31.5%	31.1%	31%
Percentage of employment of persons with disabilities	2.1%	2.3%	2.3%	1.9%	2.8%	2.9%
Percentage of female employees taking childcare leave	-	100%	100%	100%	100%	100%
Percentage of male employees taking childcare leave	-	19.4%	16.7%	38.9%	48.1%	69.2%

※As of the end of December 2024, our workforce includes 13 non-Japanese employees from China, South Korea, and the Philippines, as well as 3 locally hired employees from Vietnam.

## Employee Welfare

The Otsuka Group has four guesthouse facilities operated directly by the group as retreats to support the health of employees. There are five more such facilities under contract to the Otsuka Pharmaceutical Health Association and the Otsuka Pharmaceutical Group Pension Fund.



Otsuka Shiosaiso (Tokushima)

Otsuka Hieizanso (Shiga)

Otsuka Amagisanso (Shizuoka)

Tsurugisanso (Tokushima)



# Otsuka Chemical strives to enrich people's lives through cultural, educational, and other social contributions

Otsuka Chemical not only conducts R&D to create better products, but also undertakes social contribution initiatives to enrich people's lives. The company is deeply committed to its various efforts to make a difference in the world, including support for traditional events, school education, and community cleanups.

## Participating in the Awa-odori Festival: Otsuka Hatsuratsu Ren Dance Team

The Awa-odori Festival in Tokushima is one of Japan's three main Bon-odori dance festivals and is an important event for the local community. Otsuka Chemical's dance team has participated in the event since 1963, and the group changed its name from "Otsuka Chemical Ren" to "Otsuka Hatsuratsu Ren" in 1988. Employees and their families participate in the event every August.



Otsuka Hatsuratsu Ren performing the Awa Dance



## Support for Education in Schools

Every year, Otsuka Chemical continues to take part in the "Adopt an Eco-School" program, an alliance among business, government and academia in Tokushima Prefecture. The company does this in partnership with two other Otsuka Group companies, Taiho Pharmaceutical and Otsuka Pharmaceutical. The program supports opportunities to make environmental education part of the lessons at local schools. Students participate in water quality surveys in their own communities and tours of Otsuka Group facilities to see environmental initiatives, both of which help to deepen their interest in environmental conservation.



Tour of a tomato sorting and packing plant

Water quality survey by high school students

Classroom scenery

## Volunteer Community Cleanups

Many employees and their families participate in community cleanup activities around the company's business sites.



Working around a business site

## Sustainability

Based on its Corporate Philosophy, the Otsuka Group seeks to solve social issues through its business operations and to achieve sustainable growth and a healthy, sustainable society.

Sustainability of Otsuka Group

[https://www.otsuka.com/en/sustainability/hd\\_activity/sustainability.html](https://www.otsuka.com/en/sustainability/hd_activity/sustainability.html)



\*Sistine Hall \*An exhibit at the Otsuka Museum of Art



<https://o-museum.or.jp/en/>

## Otsuka Museum of Art

The Otsuka Museum of Art, the world's first museum exhibiting masterpieces reproduced on ceramic panels, was opened in Naruto, Tokushima in Japan, on the 75th anniversary of the founding of the Otsuka Group. The museum displays reproductions of many masterpieces, from ancient murals to modern works, from more than 190 museums in 26 countries. Rendered using special technology developed by Otsuka Ohmi Ceramics Co., Ltd., an Otsuka Group company, more than 1,000 pieces of art have been reproduced in original size and are exhibited in semi-permanent form without reducing the works' artistic value. The museum building is built into the mountainside in order to protect Naruto's beautiful environment and scenery. The permanent exhibitions in three underground levels and two aboveground floors are divided in the three categories of "The Environment", "Lineages" and "Theme" to enable visitors to understand the works in deeper and more enjoyable ways. The museum also holds a diverse range of events to help visitors become more familiar with art.

## Tokushima Vortis

Tokushima Vortis is a professional soccer club whose base is the entirety of Tokushima Prefecture. Its predecessor, Otsuka Pharmaceutical's soccer club, was established in 1955. Vortis' entry into the J. League was approved in 2004. Vortis is a coined word originating from the Italian word "vortice", which means "vortex". The name conveys the aspiration to combine power, speed and unity and engulf spectators into a "vortex" of excitement, just like the famous Naruto whirlpools do.

Since Vortis joined the J. League, Naruto Otsuka Sports Park POCARI SWEAT Stadium has been the club's home stadium.

In 2013, Vortis finished fourth in J2 and advanced to the J1 promotion play-offs, beating Kyoto Sanga F.C. with a score of 2-1 in the final at Japan National Stadium to win promotion to J1 for the first time in the club's history.

In 2020, Vortis won J2 and was promoted to J1 for the first time in seven years. In 2021, Vortis won ten matches in J1 but lost on the final matchday, failing to stay in J1.

Vortis is working to build a club with the aim of making a permanent return to J1.



<http://www.vortis.jp/> (in Japanese only)

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