



CORPORATE PROFILE





## Realizing KAITEKI.

The world is currently facing a number of problems unfolding on a global scale, including climate change, resource and energy issues, and marine plastic waste. With the capabilities we have accumulated in chemicals, the Mitsubishi Chemical Group will solve these environmental and social issues to realize a KAITEKI future.

We will provide solutions to you and to the world that only we can achieve so that comfort will continue for a long time — not just for the people of today, but for society and the Earth.



## Mission & Value of the Mitsubishi Chemical Group

### Mission

---

THE POWER OF CHEMISTRY,  
Saving our planet and Creating our Future together

### Value

---

1. Excellence in Safety & Quality
2. Accepting Challenges
3. Unlimited Creativity
4. Growing Connectivity
5. Experience Pride



## Transformation of Mitsubishi Chemical

Mitsubishi Chemical provides a wide variety of products, from materials to functional products, supporting the foundations of all types of industries. We aim to achieve further growth based on a product-centric domain structure that responds to social issues.

We have divided our five business domains into four product categories.

## Basics

---

Developing our business to meet the demands of the times while advancing the diversification of our raw materials, including the practical application of chemical recycling.

Business domains

Basic Materials

MMA<sup>\*</sup>

\*MMA: methyl methacrylate

## Specialities

---

Supplying highly functional materials to the world by adding value to a wide range of basic materials.

Business domain

Polymers & Compounds

## Moldings

---

Utilizing a variety of molding and processing technologies to provide products suitable for different applications.

Business domain

Films & Molding Materials

## Solutions

---

Creating new answers that enhance the various values required by the society through state-of-the-art products, technologies, business models, and ideas.

Business domain

Advanced Solutions



## | Basics

Towards the development of materials that realize a circular economy.

Developing our business to meet the demands of the times while advancing the diversification of our raw materials, including the practical application of chemical recycling.

## Basic Materials



Olefins &amp; Aromatics



Chemical Derivatives



Carbon Products

## MMA



MMA monomer / PMMA (Acrylic Resin)

## | Specialities

Promoting technological progress with a variety of advanced materials.







Performance Polymers



Acetyl Polymers



Sustainable Polymers



Coating Material



Additives &amp; Fine

Supplying highly functional materials to the world by adding value of a wide range of basic materials.



## | Moldings

Responding to the needs and problems of the times with advanced molding and processing technologies.



Utilizing a variety of molding and processing technologies to provide products suitable for different applications.

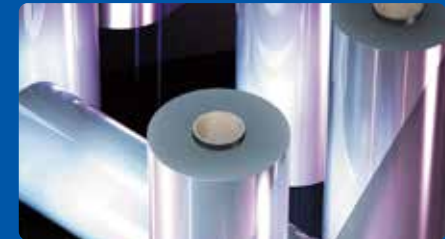
Films & Molding Materials



Packaging



Industrial Films



Polyester Film



Carbon Fiber



Advanced Materials



Alumina & Fiber

## | Solutions

Creating a society where everyone can live a better life.





Advanced Solutions



Aqua & Infrastructure



Life Solutions



Semiconductor



Electronics



Battery Materials

Creating new answers that enhance the various values required by the society through state-of-the-art products, technologies, business models, and ideas.

## Initiatives Addressing Social Issues

We aim to realize sustainable growth while creating a society where all of today's social issues have been resolved -- by 2050 -- through providing solutions to social issues.

To achieve this goal, we identify social issues to address by 2030 and pursue them as our growth business domains.

This is the society envisioned for 2050.

Sustainable carbon cycle,  
meaning we achieve  
GHG Impact Neutral

Resource circulation

Freedom from food  
and water scarcity

Healthy and  
vibrant lives

Sustainable cities with  
smart communication and  
energy systems

Diverse society





### GHG Reduction

We reduce greenhouse gas emissions to contribute to climate change mitigation.



### Carbon Cycle

We pursue sustainable comfort in a carbon cycle society.



### Food and Water Supply

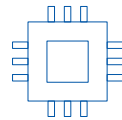
We contribute to alleviate concerns about food and water supplies.



### Initiatives Addressing Social Issues

### Digital Society Infrastructure

We support the next-generation digital society.



### Human Interface

We address safety and security to create true comfort.



## Circular Economy

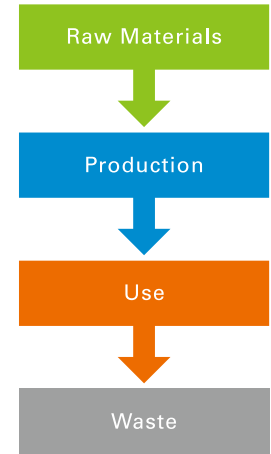
Climate change, natural resource and energy depletion, and other environmental issues — to cope with these problems, the Mitsubishi Chemical Group has positioned a circular economy as our crucial strategy. As an integrated chemical company with a wide range of businesses, and also as a member of society, we will not only reduce environmental burdens from our own business operations, but will also continue to provide solutions to environmental issues for our customers through our technologies, products and services.



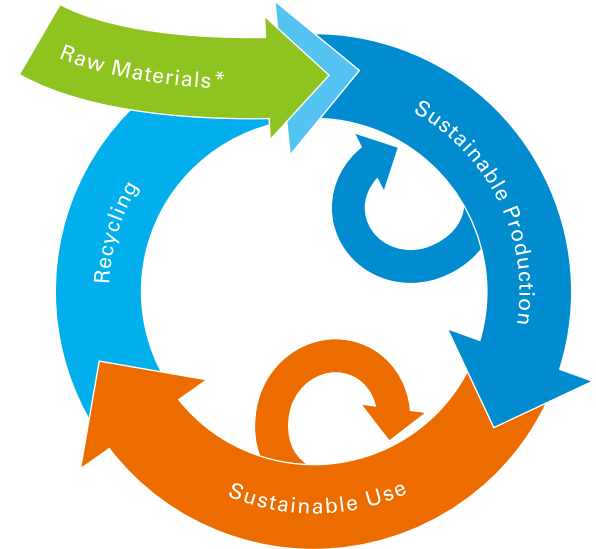
## Circular Economy

We aim to meet the demands of society by transitioning from a traditional one-way linear economy of “take-make-waste” to a circular economy based on the effective use of resources, including recycling, and the use of renewable raw materials.

\* Not only do we aim to reduce the amount of fossil resources newly used, but also to create a circular system using renewable raw materials.



Linear economy (traditional system)



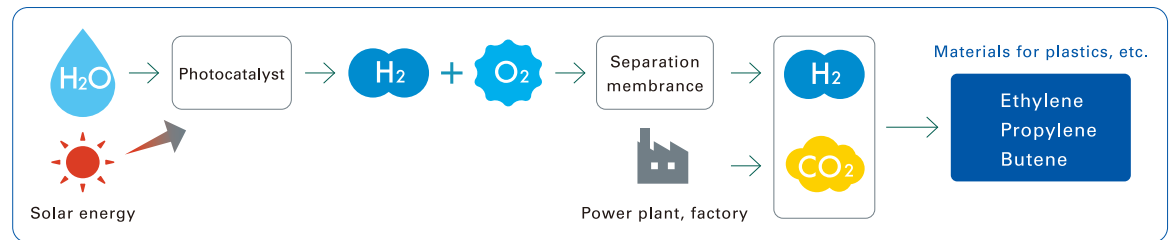
Circular economy (Ideal state)

## Circular Economy Activities

### Artificial Photosynthesis

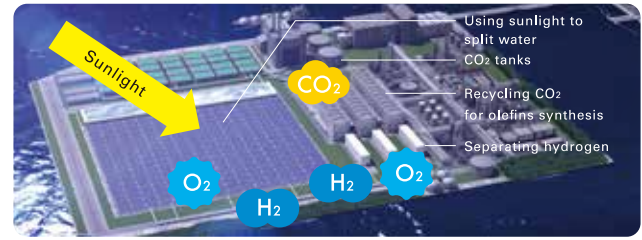
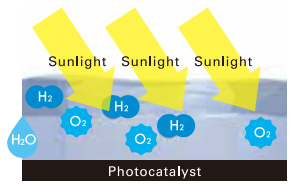
To support the carbon cycle, we are developing technology for artificial photosynthesis, that uses hydrogen obtained by water splitting with sunlight and carbon dioxide emitted from factories are utilized as raw materials for chemical products.

### Artificial Photosynthesis Process



### Artificial Photosynthesis Future Vision

Hydrogen obtained from sunlight and water, and carbon dioxide are used to make raw materials for plastics.



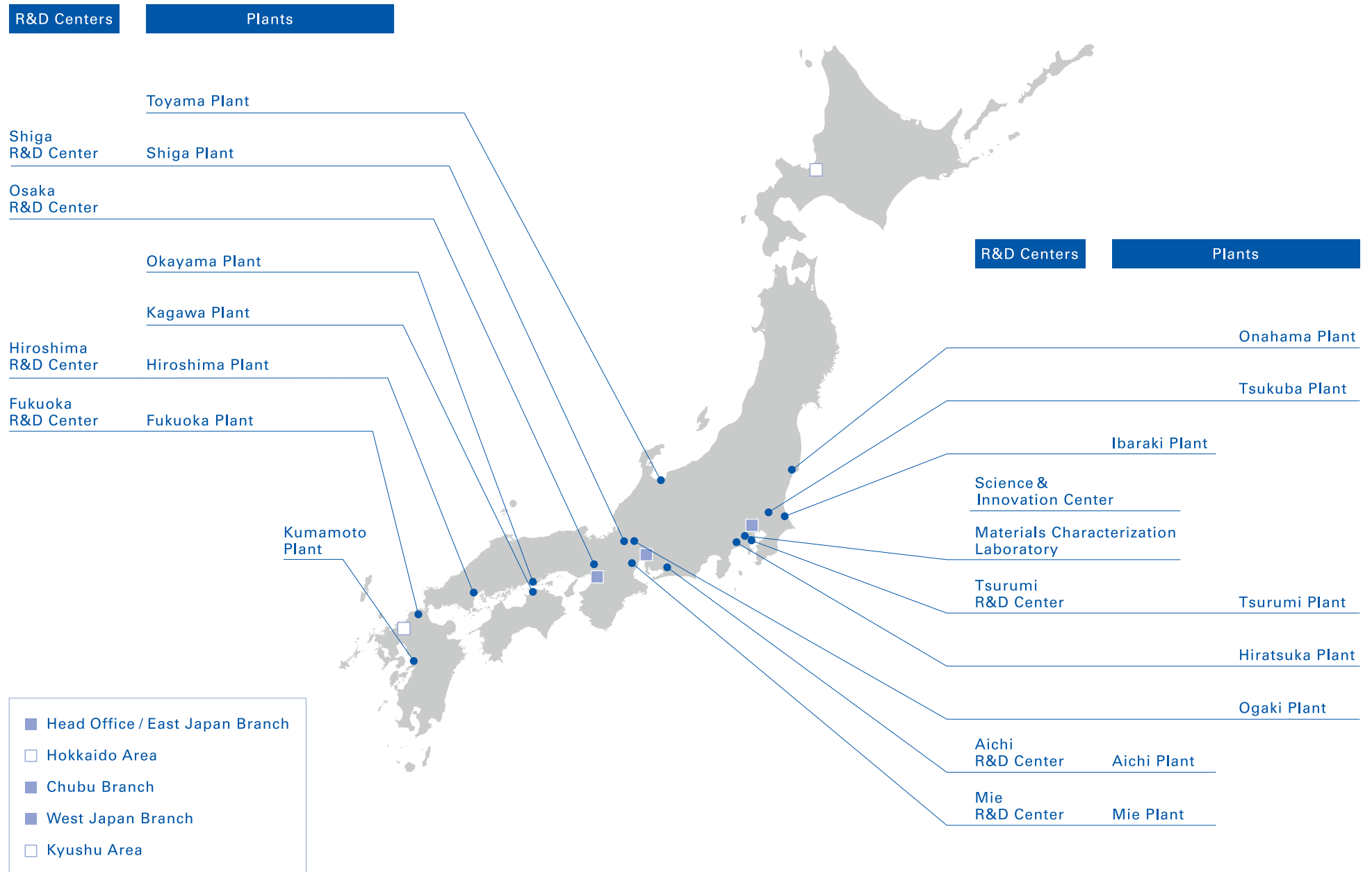
### “Connect, Create & Capture Value”

The Mitsubishi Chemical Group, with its vision of realizing KAITEKI, aims to solve the problems of people, society, and the planet to create a sustainable future. To achieve this goal, we will continue to offer solutions to various social issues under the mission of "THE POWER OF CHEMISTRY, Saving our planet and Creating our Future together." To promote innovation in response to the essential demands of society, we flexibly adapt to rapid market changes through close collaboration between our R&D and each business unit, while we further solidify our technological foundations for such innovation. The value of our technological capabilities will be maximized only when they are appropriately linked to market needs, which will in turn lead to our mid- to long-term growth.

The progress of digitalization and globalization is transforming the world's industrial structure. Accordingly, our R&D approach must also make a sensitive response to the trends of the times. In this light, we must: 1) backcast from future projections for a few decades ahead, and promote themes in a top-down manner, where targets are defined while maintaining consistency between our technologies and the market; 2) respect our researchers' autonomy and create themes in a bottom-up approach, where individual ideas are converted into value through dialogue with the market; 3) deepen the science underlying our technology platforms that underpin these themes for the mid-to-long term; and 4) contribute to our current business as well as efficiently manage a group of themes that require agility toward commercialization. These four approaches, when combined appropriately, will enable us to implement new values for society, in response to the trends of the times. In addition to the above, we will introduce Digital Transformation (DX) as a tool to maximize human creativity, and enhance our marketing functions to convert our technology assets into value. On top of these efforts, promoting open innovation and other platforms that harness the networking with academia and venture companies, will put in place a mechanism to continue to generate global innovation for short/medium/long periods, further accelerating efforts to implement new values in society.

The Mitsubishi Chemical Group's R&D activities are designed to globally connect internal and external knowledge (Connect), maximize the intellectual value generated by bottom-up and top-down interaction through the power of science and technology (Create), and continuously create innovation together with our partners with a view to developing a bright and sustainable future (Capture Value). All of these will lead to the realization of KAITEKI, where we can use the power of chemistry to save our planet from the brink of disaster, and work together with everyone to pursue comfort for people, society, and our planet.

# Domestic Business Bases



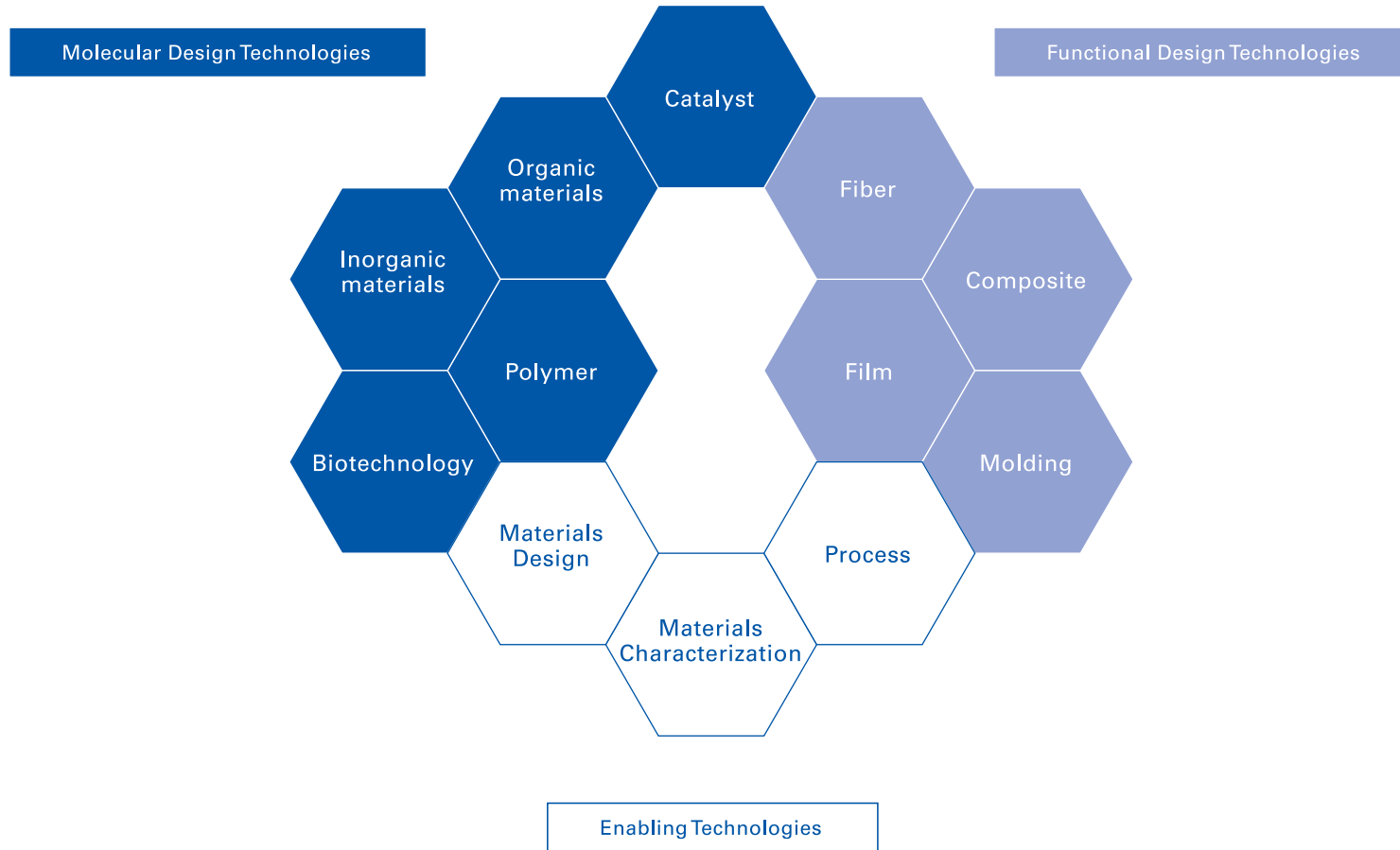


## Global Network



We are accelerating our global business development by maximizing our technologies, information and trade networks in each region. Our regional headquarters in the Americas, Europe, China and Asia Pacific will support businesses such as marketing, R&D, human resource development and other activities across their respective regions.

## Technology Platforms



## Becoming a chemical company that grows sustainably by accurately anticipating social change

Rapid changes are characteristic of the current age. This is precisely why we in the Mitsubishi Chemical Group are firmly committed to providing a diverse range of products. We contribute to solving environmental and social problems, and build sustainable societies in cooperation with our stakeholders. This is what is meant by “realizing KAITEKI” — our vision. By combining our diverse range of products and technologies, we will continue to create value for society and achieve sustained growth in step with the changing world.

To this end, all of our employees do business with a strong commitment to compliance, guided by high ethical standards. In addition to ensuring safe and stable operation, we direct efforts to developing global talent, promoting diversity, and reforming our sales activities. We seek to build strong relationships with our customers as a team encompassing members of the management and those engaged in sales and development. By doing so, we aim to quickly detect social changes, make projections into the future, and propose and provide solutions that meet the needs of the world with more rigor than we have done in the past.



Masayuki Waga  
President & CEO

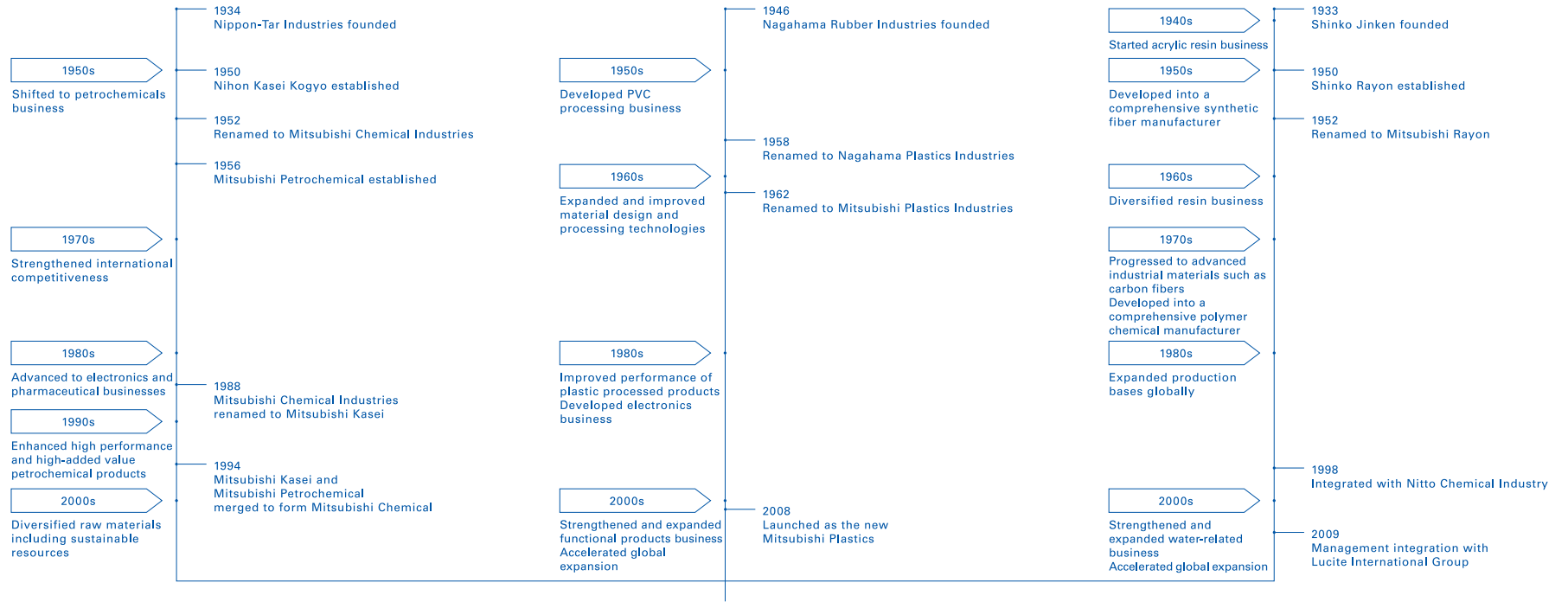
A handwritten signature in white ink, reading "Masayuki Waga". The signature is fluid and cursive, written in a professional style.



## Corporate Overview

<b>Company Name</b>	Mitsubishi Chemical Corporation	<b>Date of Establishment</b>	April 1, 2017
<b>Head Office</b>	1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8251, Japan	<b>Paid-in Capital</b>	53,229 million Yen
<b>TEL</b>	+81-3-6748-7300	<b>Business Bases</b>	Japan : 3 branch offices, 9 R&D centers, 15 plants World : 4 regional headquarters
<b>Date of Foundation</b>	August 31, 1933		

## History of Mitsubishi Chemical



2017  
Launched Mitsubishi Chemical

