

TOYOBO TOYOBO MC Corporation

CORPORATE PROFILE

OUR SOLUTIONS POWER





TOP MESSAGE

TOYOBO MC Corporation was established on April 1st, 2023 through investments made by both Toyobo Co., Ltd. and Mitsubishi Corporation.

Our goal is to contribute to solving social issues throughout the world by expanding functional materials, using Toyobo's long-standing technical expertise and Mitsubishi Corporation's global network and business know-how.

In this joint venture, we are not taking a conventional approach such as just having Toyobo manufacture the products and Mitsubishi Corporation simply sell the products. Both companies will actively be involved in managing the business, and by self-reforming, we plan to enhance our corporate value. By doing this, we hope to make Japan's functional materials something that is invincible in the worldwide industry.

The environment surrounding the material manufacturing industry is rapidly changing every day. Because of this, the client's needs are becoming more diverse in the recent years, but we hope to become a company that the customers come to first when in trouble. We hope to improve our technology so that they are distinguished from other companies in the industry so that we will be able to receive requests from all over the world. TOYOBO MC Corporation was established to achieve this goal. All of our employees will work together to take on this challenge.

President & Representative Director, CEO **Chikao Morishige**



VISION

Solving global issues with high-performance materials

By globally developing high-value-added functional materials,
we will contribute to solving the world's problems.

MISSION
01

Never stop
transforming
ourselves

We recognize that standing
still in a dramatically
changing business environment is a risk.
We will continue evolving.

MISSION
02

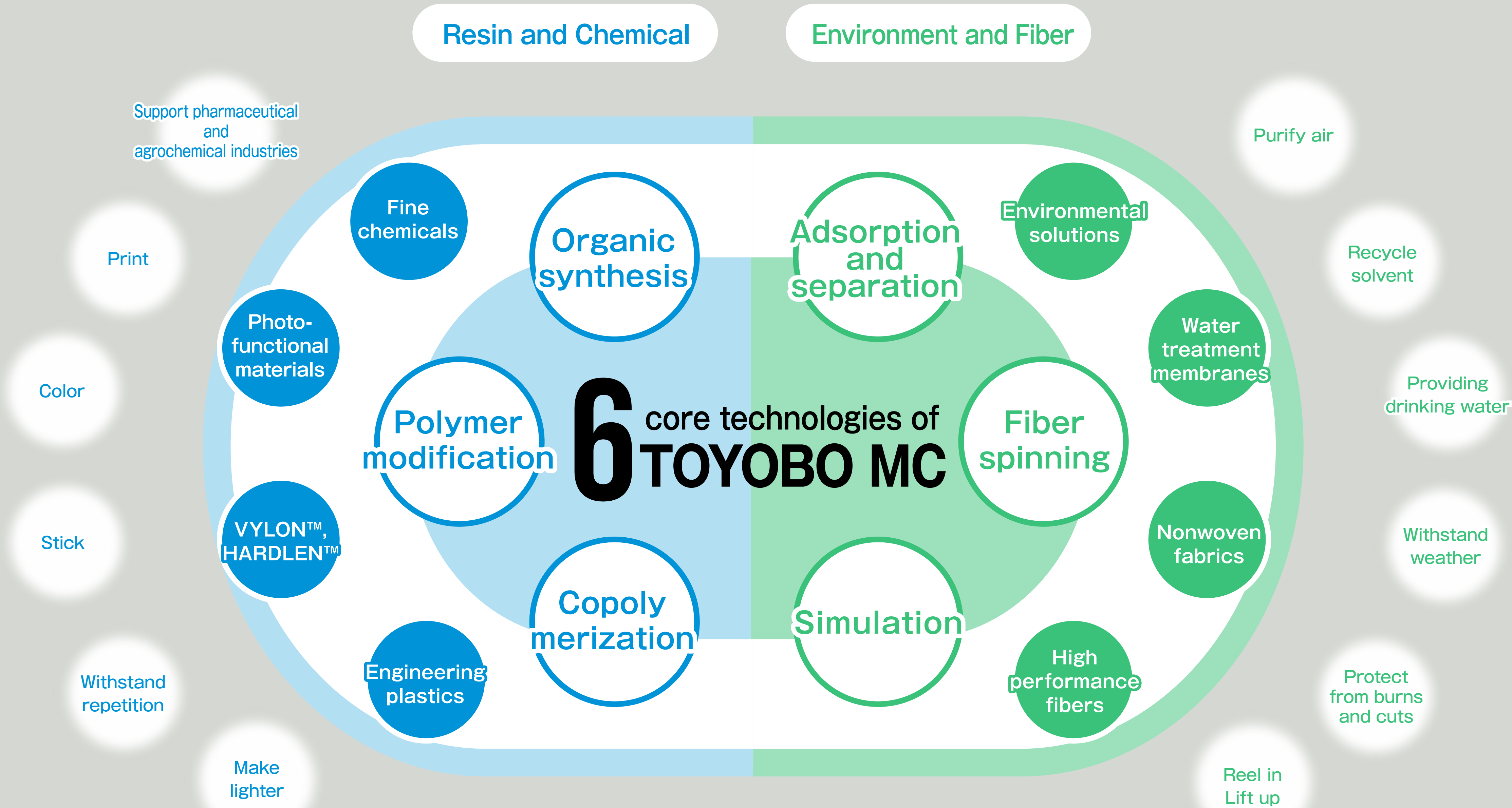
Answering future needs
with our unique
material technology
and network

We will answer needs from future
mega trends by combining
Toyobo's unique technology with
Mitsubishi Corporation's
broad and global network.

MISSION
03

Create solutions to
societal
challenges
through collaboration

We will generate value
by providing solutions to
societal challenges through collaboration
with internal and external partners.



Resin and Chemical

Engineering Plastics

With excellent heat resistance and other unique properties, engineering plastics are used for automobile parts, electric/electronic parts, mechanical parts, and elsewhere. Products we offer include PELPRENE™ with both properties rubber and engineering plastics; GLAMIDE™, glass fiber reinforced polyamide resin; and VYLOPET™, a thermoplastic polyester resin for injection molding.



Thermoplastic polyester elastomer
[PELPRENE™]



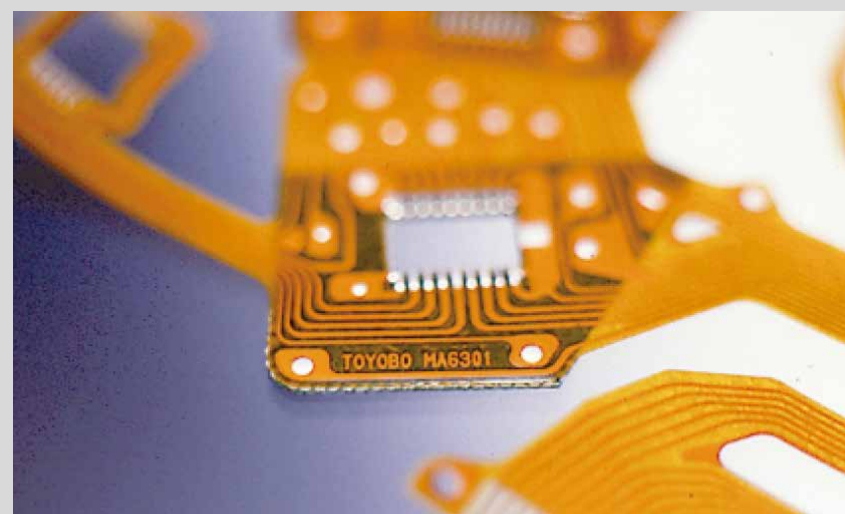
High performance polyamide resin
[GLAMIDE™]

- Automobiles
- Industrial machinery
- Appliances

VYLON™, HARDLEN™

Our offerings include VYLON™, a highly polymerized co-polyester resin used as a binder for paints and an adhesive flexible PCBs; HARDLEN™, a modified polyolefin with excellent adhesion to polypropylene; and VYLOSHOT™, a low-pressure molding material that protects electronic materials. HARDLEN™, for example, is used as an adhesion promoter for OPP*1 film and PP bumper primer.

※1 Oriented polypropylene



Industrial adhesive
[VYLON™]



Adhesion promoter to polyolefins
[HARDLEN™]

- Automobiles
- Electric/electronic
- Food packaging

Photo-Functional Materials

We offer two categories of product, Printight™ a water-washable photo-sensitive letterpress plate, and Cosmolight™ a water-washable photo-sensitive flexo-plate that is resistant to water-based ink. It has low environmental impact and contributes to pleasant work surroundings.



Water-wash letterpress plate
[Printight™]



Water-wash flexo plate
[Cosmolight™]

- Printing

Fine Chemicals

Leveraging our fundamental technologies accumulated over the years, we carry out manufacturing, both in-house and on contract, of products such as sulfur compounds, tetrazole compounds, and azide compounds. Our products are used, for example, in pharmaceutical intermediates, agrochemical intermediates, and optical lens raw materials. We carry out every step, from lab-scale testing and pilot production all the way to industrial-level manufacturing.



- Pharmaceuticals
- Agrochemicals
- Functional materials

Fine chemicals
[Custom manufacturing]

Environment and Fiber

Environmental Solutions

Solutions we provide include HONEYROTOR™, which concentrates VOCs into low-air-volume and high-concentration gas; K-FILTER™, which carries out efficient adsorption and recovery of VOCs in emissions; and HOLLOSEP™, a multi-purpose water treatment membrane for applications such as seawater desalination. HOLLOSEP™, products are available in RO※2 membrane; BC※3 membrane, which concentrates industrial wastewater; and FO※4 membrane, which allows membrane separation at a lower operational pressure than RO membranes.

※2 Reverse osmosis ※3 Brine concentration ※4 Forward osmosis



VOC treatment system
[K-FILTER™ VOC Recovery Equipment]



Hollow-fiber water treatment membranes
[HOLLOSEP™]

- VOC recovery
- Seawater desalination
- Wastewater treatment
- Resource recovery

High Performance Fibers

We provide three superior fiber products: IZANAS™, an ultra-high-strength polyethylene fiber; Tsunooga™, high-strength polyethylene fiber with excellent cut resistance; and ZYLON™, which has the world's highest level of strength and heat resistance among organic fibers.They are widely used for industrial materials, personal protective equipment , and sports gears.



Ultra-high-strength polyethylene fiber
[IZANAS™]



High-strength polyethylene fiber
[Tsunooga™]



PBO fiber
[ZYLON™]

- Fishing line
- Gloves
- Protective clothing
- Sports equipment

Nonwoven Materials

Our offerings include BREATHAIR™, with a multifunctional, 3D network structured fiber material and a wide range of uses such as on Shinkansen (bullet train) seats and in bedding; VOLANS™ and ecule™, spunbonded nonwovens for car interiors and construction materials; ECOVOLANS™ and ecoecule™, which contain at least 70% recycled polyester; ELITOLON™ dust removal filter; ADSTOLON™ deodorization filter; and bicomponent fibers for sanitary materials.

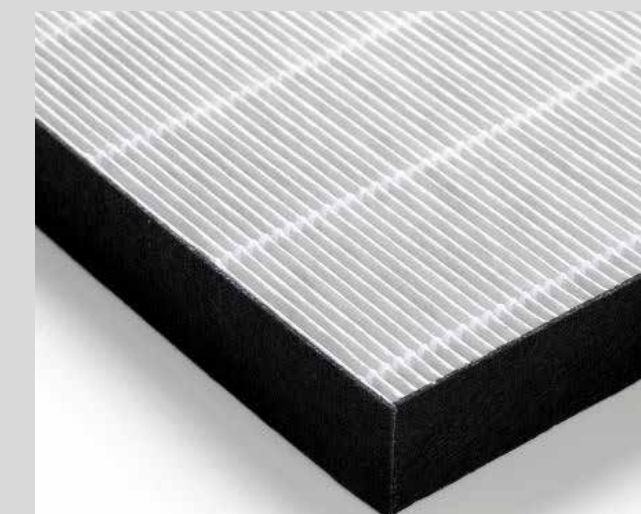


3D network structured fiber material
[BREATHAIR™]



Recycled polyester spunbond
[ECOVOLANS™]

- Car interior
- Construction, civil engineering
- Bedding
- Sanitary materials



Dust removal filter media
[ELITOLON™]



Polyester staple fiber

CORPORATE PROFILE

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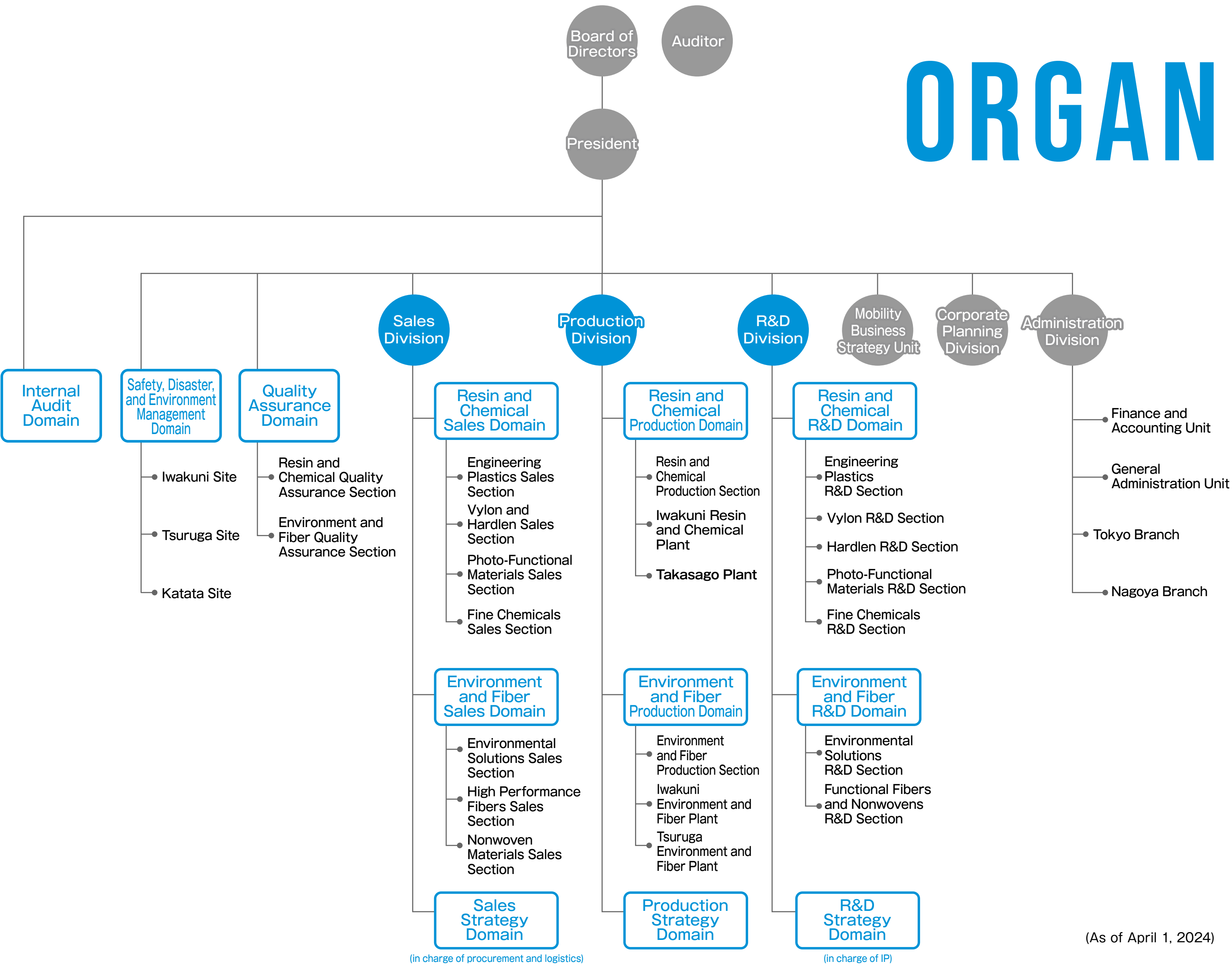
Company name	TOYOBO MC Corporation
Representative	Chikao Morishige, President & Representative Director, CEO
Operations	Planning, development, manufacturing, and sales of functional-material products
Established	September 5, 2022
Business start date	April 1, 2023
Capital	15,100 million yen
Investment ratio	Toyobo Co., Ltd. 51%, Mitsubishi Corporation 49%
Head office	Osaka Umeda Twin Towers South, 1-13-1 Umeda, Kita-ku, Osaka
Number of employees	1,200 (standalone); 2,000 (consolidated)

(As of April 1, 2023)

Bases

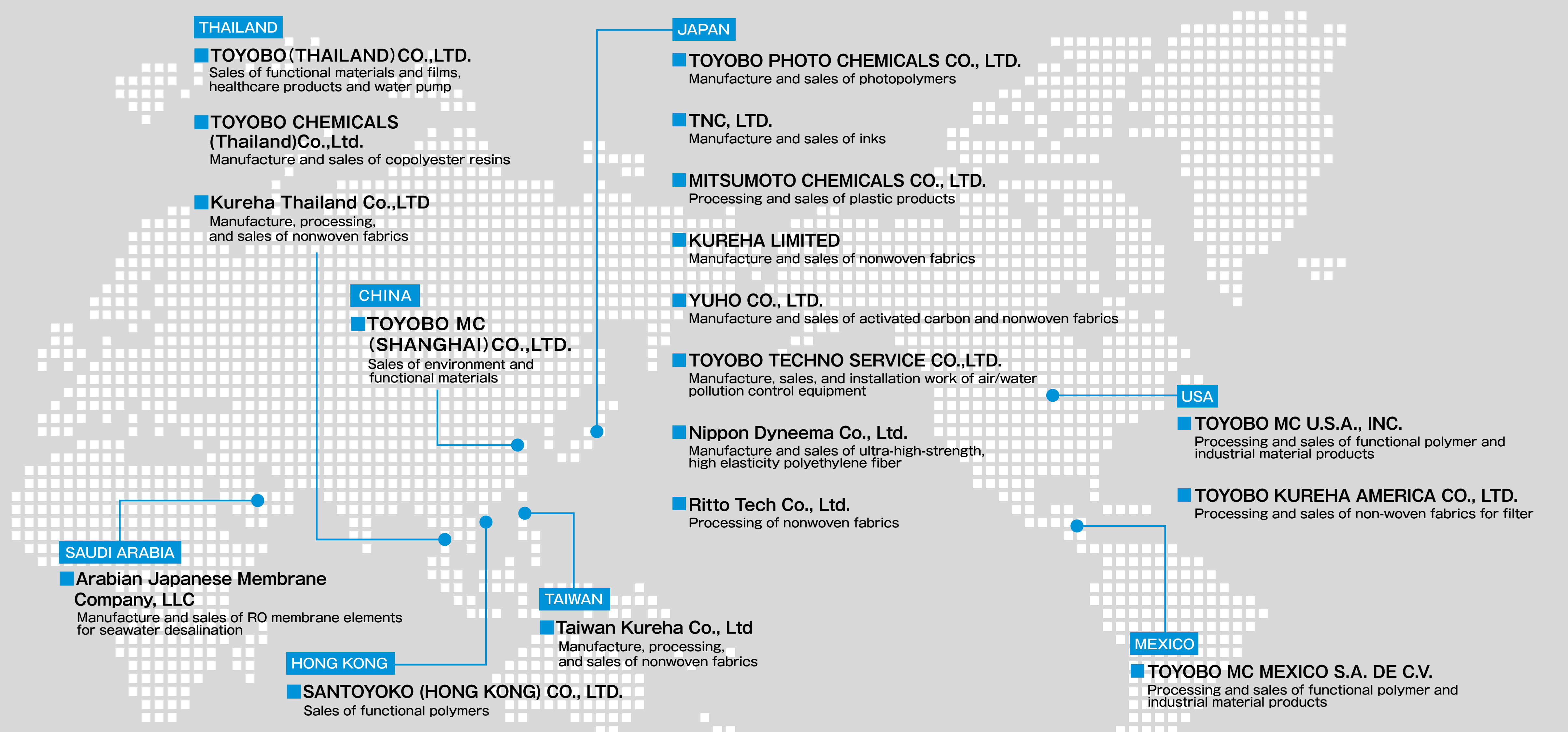
Head office	Osaka Umeda Twin Towers South, 1-13-1 Umeda, Kita-ku, Osaka 530-0001 Tel:+81-6-6348-3101 Fax:+81-6-6348-3299
Branch offices	Tokyo Branch Sumitomo Corporation Kyobashi Building, 1-17-10 Kyobashi, Chuo-ku, Tokyo 104-0031 Tel:+81-3-6887-8700 Fax:+81-3-6887-8787 Nagoya Branch Miyuki Building, 390 Ichibagicho, Nishi-ku, Nagoya, Aichi 452-0805 Tel:+81-52-856-1632 Fax:+81-52-856-1635
Domestic plants, research center	Iwakuni Site 1-1 Nadamachi, Iwakuni, Yamaguchi 740-0033 Tel:+81-827-33-3111 Fax:+81-827-33-3555 Tsuruga Site 10-24 Toyochō, Tsuruga, Fukui 914-8550 Tel:+81-770-21-4766 Fax:+81-770-22-7660 Katata Site 2-1-1 Katata, Otsu, Shiga 520-0292 Tel:+81-77-571-0005 Fax:+81-77-571-0017 Takasago Plant 2900 Sonemachi, Takasago, Hyogo 676-0082 Tel:+81-79-447-7160 Fax:+81-79-447-7179

ORGANIZATION CHART



(As of April 1, 2024)







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