



Moriroku Group Profile

MORIROKU HOLDINGS COMPANY,LTD.

MORIROKU CHEMICALS COMPANY,LTD.

MORIROKU TECHNOLOGY COMPANY,LTD.

Moriroku has been taking on challenges for 360 years.

When we supplied indigo to the world.

When we began handling synthetic resins.

When we became a manufacturer.

Today, too, as we seek to our 400th anniversary.

Over our long history we have learned to transform ourselves, and we will continue to create new value in the future and exceed customer expectations.

Moriroku is still taking on challenges.

[Principles]

Moriroku Group will create high value with its future-oriented creativity and advanced technologies, while contributing to the global society.

1.Compliance

We will comply with domestic and foreign laws and regulations, and aim to become a trusted industrial group through fair and equitable corporate activities.

2.Respect for life and dignity

Our corporate members will individually exercise their autonomy and creativity, and respect the personality and individuality of their colleagues.

3.Customer satisfaction

We will provide our customers with valuable ideas, high quality services, and fine products to maintain their satisfaction.

4.Contribution to society

As a good corporate citizen, we will contribute to society through environmental consciousness and community-oriented corporate activities.

5.Progressive spirit

We will make continued efforts to improve our corporate value, by anticipating future trends.

6.Total cooperation

We aim to become a corporate group that puts a premium on teamwork and the pursuit of ideals.

[1] Principles

[4] History

[7] Moriroku Technology Products

[10] Strength 2: Trusted quality assurance

[14] The Strengths of Moriroku Chemicals [17] Manufacturing

[2] Message from the President

[5] Sustainability

[8] Integrated System

[11] Strength 3: Global production system

[15] Our Businesses

[18] Manufacturing

[3] Network

[6] Latest Topics

[9] Strength 1: Proposal Capability
Based on Advanced R&D

[12, 13] Latest Topics

[16] Manufacturing

[19] Latest Topics

MORIROKU
HOLDINGS

MORIROKU
TECHNOLOGY

MORIROKU
CHEMICALS

Built On The DNA Of Our Predecessors, Who Always Aim For “Challenge” Creating New Value That Will Serve As The Foundation Of The Future

The Moriroku Group was founded in 1663 and is Japan's oldest chemical specialty group, with a history spanning over 360 years. We are proud to have built our reputation on the trust of our many customers and business partners, and we are committed to providing new value that anticipates the needs of society.

As a public company trusted and needed by society, we will further strengthen our management foundation, focus on co-creation management through constructive dialogue with our stakeholders, and transform ourselves into a Moriroku Group suitable for the new era. We make sustainability the foundation of our management. We create an environment where diverse human resources can thrive and grow, and we contribute to the resolution of social issues and the sustainable development of local communities through our business by practicing ESG management.

Inheriting the "DNA of innovation" cultivated over our long history, We will continue to innovate to build the next future that will make us a 400-year company.

Naoki Kurose
Representative Director,
President and CEO

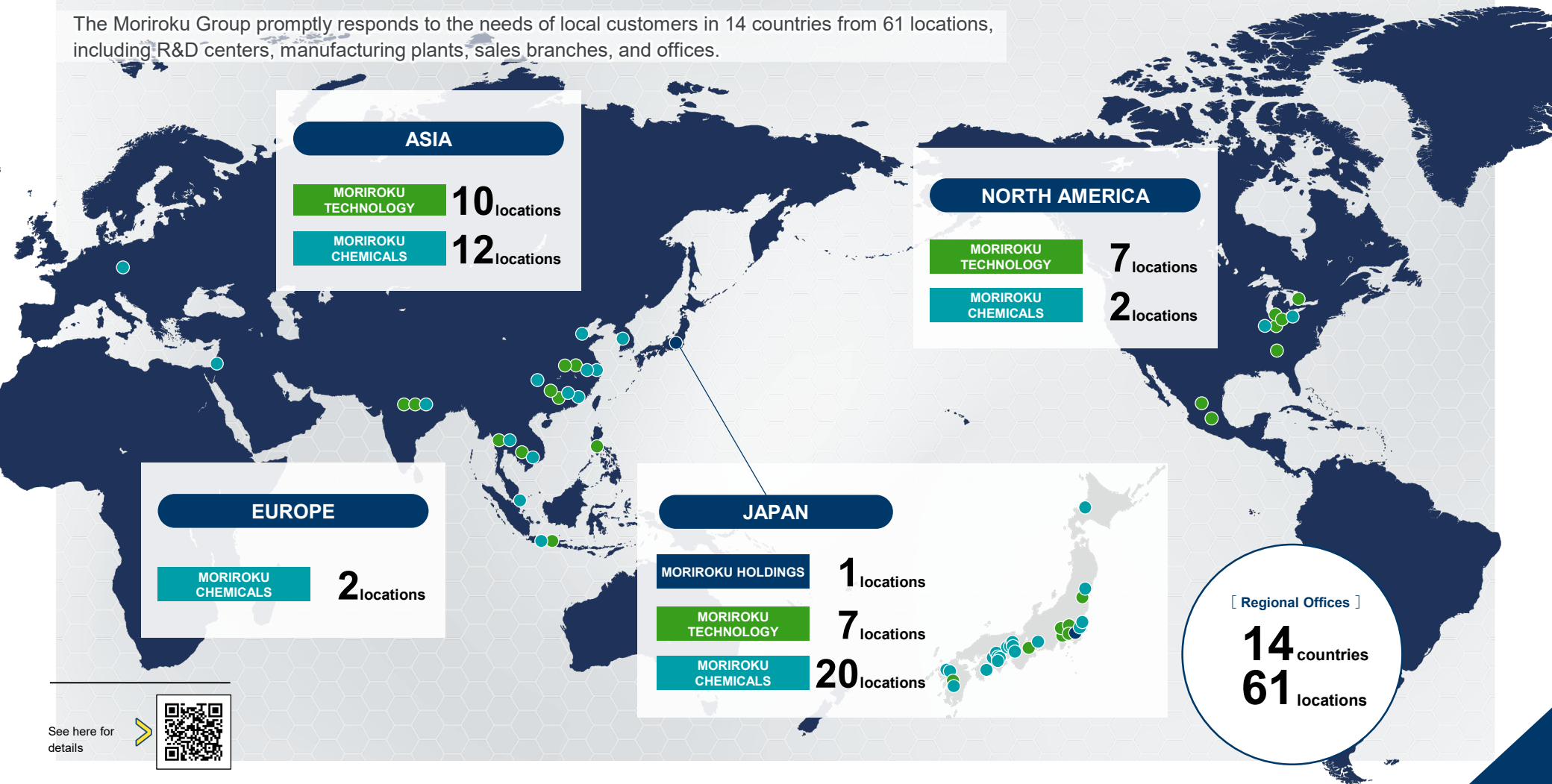


We bring together manufactures of resin molded products and chemicals trading companies that cover a broad range of business fields in order to offer high value-added solutions for customer's needs.



Swiftly Responding to Customers' Needs Through Global Network

The Moriroku Group promptly responds to the needs of local customers in 14 countries from 61 locations, including R&D centers, manufacturing plants, sales branches, and offices.



Adapt to the Changing Times and Always Challenging to Create New Value

The beginnings of the Morioku Group can be traced back to the year 1663 in the former province of Awa in Tokushima Prefecture. Over the centuries, since our initial forays in trading indigo and fertilizer, we have kept up with changing times as chemical products became widespread and industries became globalized.

See here for details



1663

Foundation

The first Yasubei Mori, the founder of Morioku, started trading indigo leaf balls and their fertilizers in Awa Province (Tokushima Prefecture).



A Morioku newspaper ad from the late 1800s



Indigo dyeing

1909

Entering the modern chemicals industry

Adapting to the changing times, we started handling synthetic dyes after importing Indian indigo and artificial indigo.



Morioku's office in the earlier years

1958

Establishing manufacturing-sector business

Honda Motor Co., Ltd. used low-pressure polyethylene, Hi-Zex for its Super Cub motorbike, and our resin processing business was launched.



Completed Suzuka Plant (1965)



Kanto Plant begins operations (1980)

1986

Global expansion

We established our first overseas business and production center, Greenville Technology, Inc., in Ohio, U.S.A.



Greenville Technology, Inc.

2017

Listing on the first section of the Tokyo Stock Exchange

With the listing of our shares, we made a new start aimed at our 400th anniversary, looking to make an even greater contribution to all our stakeholders.



Listing on the first section of the Tokyo Stock Exchange

Aiming for 400 years.

Contributing to The Future of Global Society

In the 360 years since its foundation, the Morioku Group has continued to engage in business with the support of its many stakeholders. Under the Morioku Group Sustainability Policy, we aim to become a "400-year company" that is increasingly expected and sought after by all stakeholders by engaging in business activities that take all stakeholders into consideration and by contributing to the resolution of social issues.

See here for details



Morioku Group Stakeholders



[The Sustainability Policy of the Morioku Group]

Based on our management principles, we, the Morioku Group, and our stakeholders will co-create the value required by the new age and contribute to the sustainable growth of society.

- We will work to solve social issues beyond conventional business areas by leveraging the Group's functions and resources to the fullest.
- We will aim for a sustainable mobility society through innovative manufacturing that contributes to carbon neutrality and the cyclical use of resources.
- We will contribute to the achievement of an ecological, recycling-based society by providing green chemicals throughout the entire supply chain.
- Based on a foundation that respects human rights, we will continue to create new value through an organization that pursues employee wellbeing and in which diverse personnel participate actively and work with satisfaction.
- We will nurture mutual trust via highly transparent and honest business activities, understanding the expectations and requests of society through dialogue with stakeholders.



Respect each other's individuality through all corporate activities and contribute to the sustainable growth of society

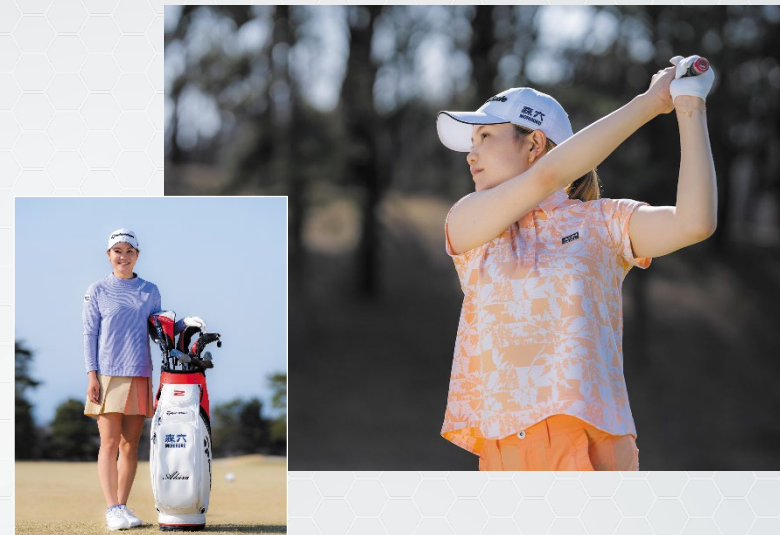


Based on the "Human Rights Policy" formulated as the Morioku Group's basic stance in line with our Management Philosophy and Action Guidelines, we will conduct our business activities in consideration of human rights throughout our global supply chain to enhance the resilience of our management.

See here for details



Supporting female pro golfer Akira Yamaji



With the idea of "growing together and taking on the world," the Morioku Group has had a sponsorship agreement with golfer Akira Yamaji since September, 2019. We have a dedicated website that provides regular updates on Akira's latest achievements. We hope you will join us in supporting her.

See here for details

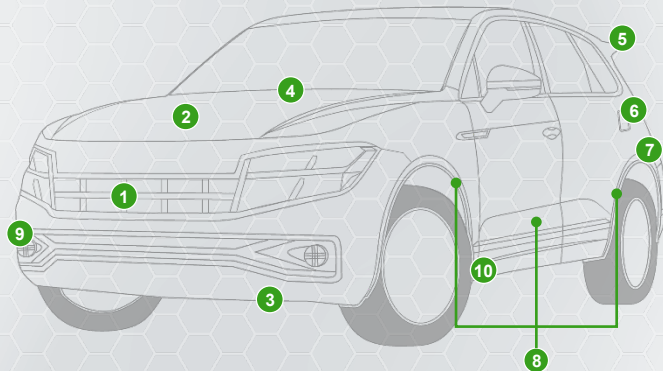


Meeting the Increasingly Complex Needs of the Automobile Industry Creating High-Quality Products with Diverse Technology

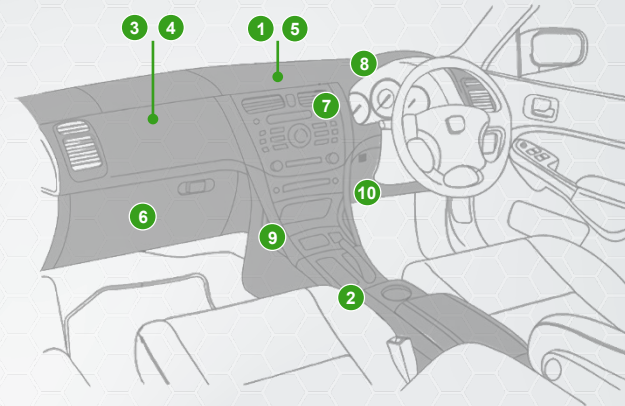
We offer a broad lineup, including resin molded parts for automobiles, motorbike bodywork parts, and functional parts. The ideas we generate through proposal-oriented development based on market needs are subjected to prototyping and testing and turned into polished designs. These designs then become mass-produced products, manufactured in factories around the world to optimal quality standards.



See here for details
on
four-wheel and two-
wheel
vehicle parts



Four-wheel vehicle exteriors



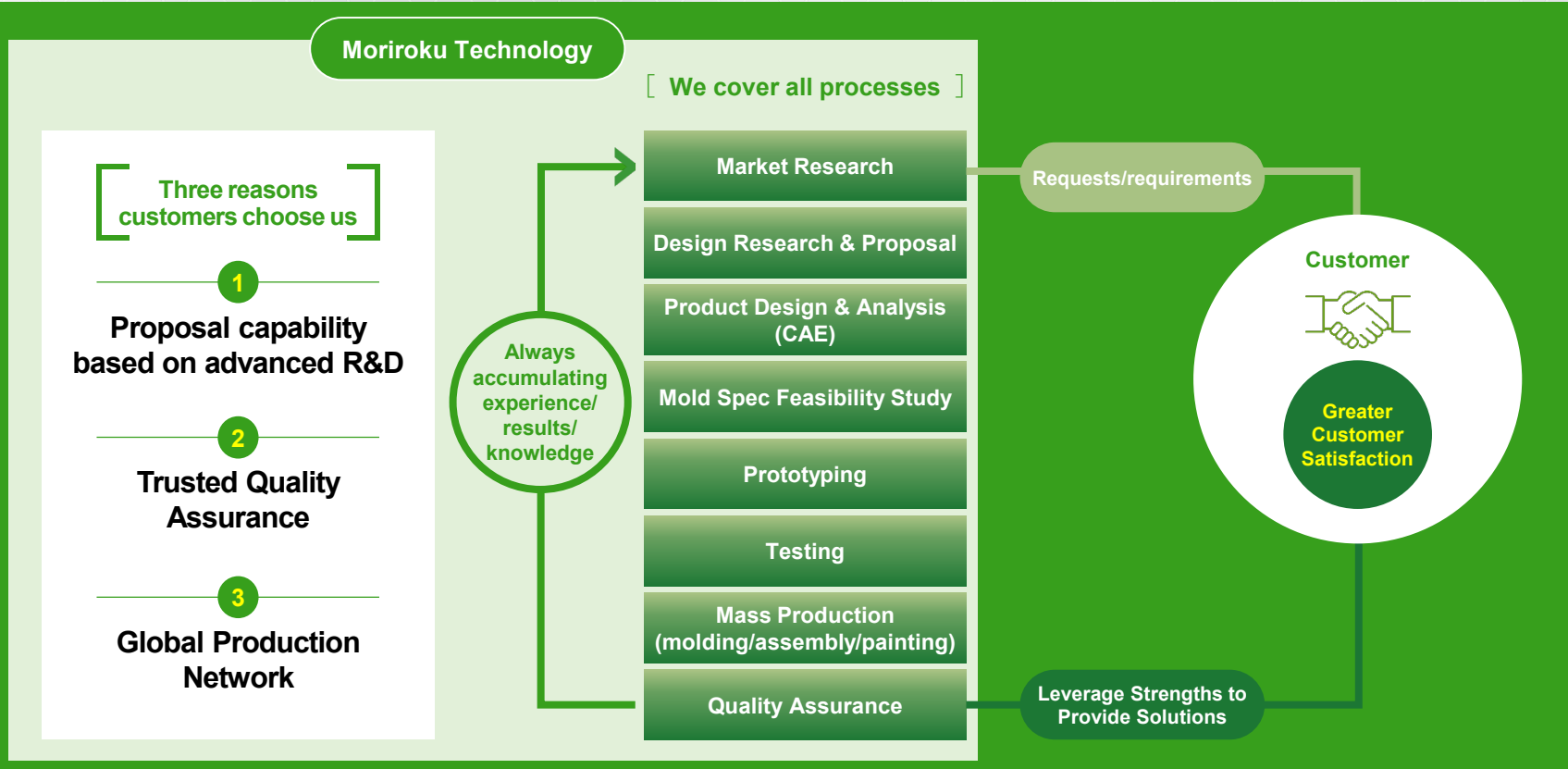
Four-wheel vehicle interiors



An integrated System Covers from Planning to Mass-Production, Offering Solutions that Exceed Customer Expectations

We have built an in-house system that integrates all processes, from product planning and design to mold design and refining, prototyping, testing, and mass production. The progress toward final delivery and issues encountered are managed from a multi-faceted perspective. As well as generating greater customer satisfaction, the continuous PDCA cycle means we keep amassing new knowledge.

See here for details



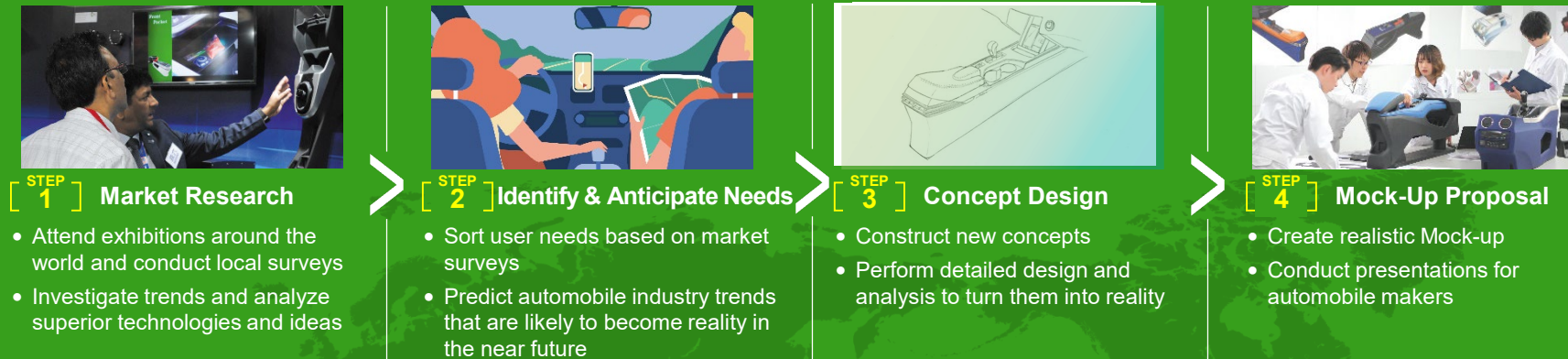
As a Powerful Partner of Automobile Manufacturers, We are Making the Future of Cars a Reality.

We identify and anticipate automobile industry trends and global market needs based on a well-understood user viewpoint, and proactively and repeatedly offer proposals to automobile makers. In this way, we become partners in making future automobile concepts a reality.

See here for details



Advanced R&D steps



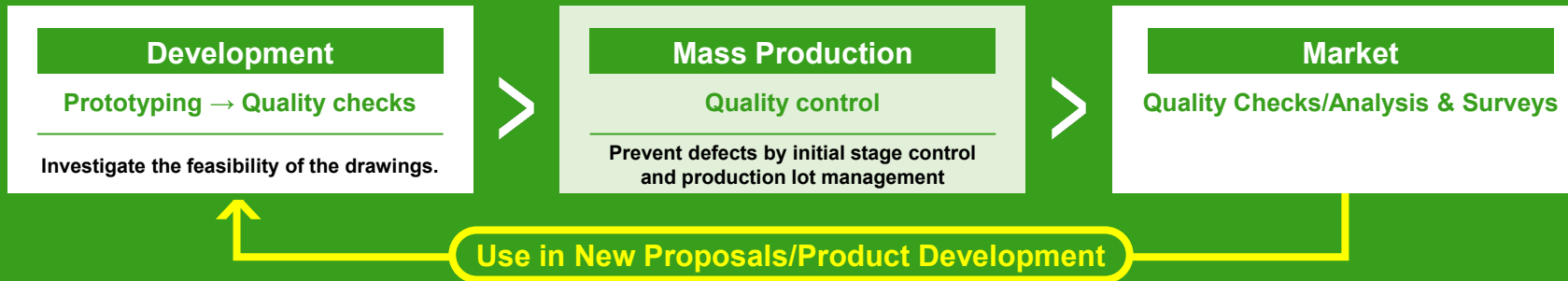
Utilize Knowledge in New Product Development to Pursue High Quality

We take knowledge gained from analysis of actual usage conditions and apply it in the design of new products, then subject the designs to in-house quality assessments and reliability testing. Umbrella organizations for Japan and North America perform quality control for each region and establish unified global quality levels.

See here for details



PDCA Cycle of Quality Assurance



Japanese umbrella organization backs up manufacturing bases in all regions



Moka Technical Research Center

Global Quality Assurance System

● R&D base (umbrella organization)

● Manufacturing bases

Share know-how

North American umbrella organization backs up manufacturing bases in all regions



Moriroku Technology North America Head Office & R&D

Testing Facilities



Electron microscope analysis



Environment vibration testing



Wind tunnel testing



Operating durability testing using robots

Our Production Sites are Strategically Located in Key Markets Around the Globe, offering automobile makers with unparalleled manufacturing support

By locating ourselves right next to automobile makers around the world, we help mitigate production risks. As well, we meet the diverse needs of different regions with a range of decorative technologies, such as integrated molding with in-mold films and paints for interior or exterior parts, both large and small.

See here for details



Local supply in each region



Merits for Automobile Makers

- Increased local procurement reduces customs costs
- Protection against currency fluctuations
- Flexible response to needs (volume)
- Reduced lead times

Wide Lineup of Decorative Technologies



Provide New Products matched to market needs

ASIAN Market

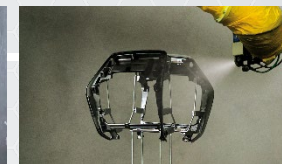
JAPANESE Market

North America Market

Manufacturing bases

[Moriroku Technology decorative technologies]

Molded-in decorative technologies	Two-layer decorative method
Painting	Interior/exterior painting
Film decorative technology	In-mold technique
	Insert molding
	Hot stamp method
	FILM laminating method
Surface material decorative technology	Recess vacuum forming
	MSM sheet method
	FILM laminating method (Sheet fitting)



Interior/exterior products painting



Sheet integration

First Mass-Production for Exterior Hot-stamp

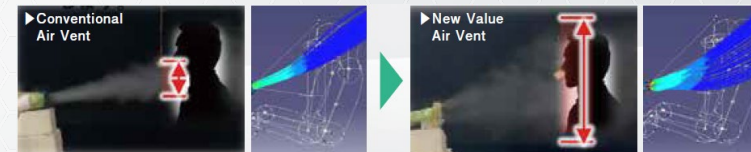


The first mass production of Exterior parts(radiator grilles) using hot stamping decoration, which is an alternative to plating process, contributing to reduction of environmental impact. Moriroku Group has developed a highly expandable foil and a proprietary construction method that effectively adheres to the foil. This unique method improves the design of automobile interior and exterior parts.

See here for details



Proposing a New Interior Value that Combines Comfort and Design



In recent years, with the shift to electric vehicles and automated driving, mobility have shifted from "how they drive" to "how they spend their time," and more comfort is demanded in the cabin space. We added new value to the interior by dividing and diffusing the airflow and drawing the distributed air into the central area between the two airflows to create a soft and comfortable air-conditioned breeze. This air vent creates a large decorative surface on the front and achieves a high level of design by changing effects such as shading and gradation through lighting.

See here for details



Reducing Petroleum-Derived Materials & Express the Value of Plant-Derived Materials



Although environmentally friendly materials help protect the environment, they may not always be seen as valuable. Morioku Group has developed expertise in determining the optimal blending ratio to maintain reliable onboard quality, which is a challenge for sustainable materials, and in designing molded product shapes that meet physical property requirements.

See here for
details



Excellent Harmony with Ambient Lighting Combines Design and Rationalization

※We are experienced in multi layer mass production.



Morioku Group has developed a technology to sandwich a printed film between the surface layer and the base material layer using a unique mold concept, which has increased the variation of multilayer decoration.

We challenged to develop a highly sophisticated technology for injection molding a light guide at the same time as the surface layer. This approach enabled the creation of a streamlined design that integrates decoration and lighting with a minimum number of mold structures and parts.

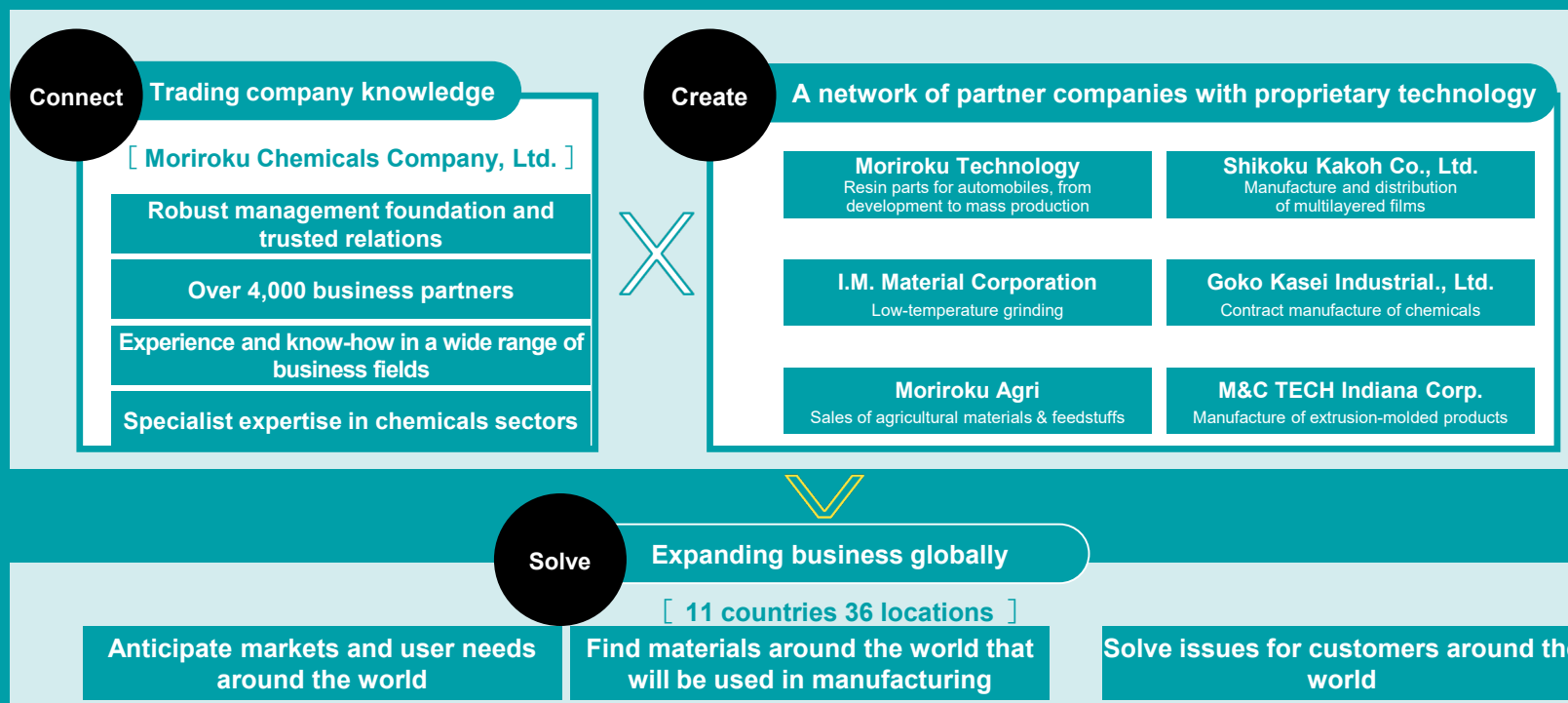
See here for
details



Connect, Create, Solve... Solutions Provider that Responds to Customer Needs

We connect people to people, and people to things. We concentrate the technology and ideas of the Group's companies to create new value through chemical products. We continue to apply our collective capabilities to take on challenges and solve issues faced by users and society.

See here for details



We Conduct Six Business Fields, Providing Total Support for Customers in a Wide Range of Sectors

From food, lifestyle, and homes to electronics, we meet needs in a wide range of sectors.



See here for details



1 Fine Chemicals

Moriroku Chemicals is globally expanding contract manufacturing based on manufacturing craftsmanship in the three major fields of fine chemicals, functional materials, and food and healthcare.



2 Coatings

We offer a wide range of products including basic chemicals and special function products to customers in the areas of coatings, such as paints and inks, industrial chemicals, and environment and energy.



3 Electronic Chemicals

We provide semiconductor materials, optical sheets, LED materials, and heat dissipation materials globally, with a focus on the electronic components market.



4 Lifestyle materials

In each sector from homebuilding and construction to lifestyle and environment, we globally procure and provide synthetic resin raw materials and resin processed parts that meet customer needs in Japan and overseas.



5 Automotive materials

As a solutions provider, we work with customers from the development stage, helping to coordinate joint development using the latest materials and cutting-edge technology. We meet customer needs with global supply chains.



6 Resin-Processed Products

Our organization unites manufacturing subsidiaries and manufacturing affiliates that possess resin forming technology, and thereby creates new value in the "monozukuri" (manufacturing) sector.



Cooperating with Partner Companies in Manufacturing

We bring together an information gathering capacity that is supported by our global network and the advanced technological capabilities of our group companies to develop and provide high-performance materials that meet customer needs.

See here for details



Manufacture and sales of
co-extrusion multilayer films

[Polyethylene Resin Formed in Corrugated Shape]

**Helps reduce resource
consumption while still being easy
to work with and highly durable.**

We use our resin molding and processing technology for other products besides multi-layer film. For over 40 years now, we have been the only Japanese manufacturer of APTON® corrugated plastic, made from polyethylene resin formed into a corrugated shape. The rigidity and cushioning properties of this corrugated plastic can be easily changed. This and the fact that it is made with recycled materials mean it is used in a wide range of industrial sectors for parts and packaging materials in which environmental impact reduction and reduced resource consumption are considerations.



APTON® used in containers for delicate seedlings

Example Case

Flexibly proposing products that meet customers' needs that changes with the time

High-gloss, high-transparency film suitable for the food industry that satisfies the best mechanical suitability and label adhesion properties, etc.



Clean and aseptic medical film produced under strict quality control to provide product safety and security

Shikoku Kakoh has been delivering films to our customers by making full use of our technology, knowledge, development capabilities, clean environment, and after-sales maintenance that we have continued to refine over the past 40 years, as well as our ability to respond to customer needs for food, medical, and semiconductor films and our delivery record. The performance and functions required by our customers vary widely, and we have developed a broad product lineup to meet the needs of each customer.



**Contract manufacture
of chemicals**



**Low-
temperature
grinding**



Example Case

Expanding business in the fine chemicals sector by making use of technology developed in dye synthesis and bromination reactions

We provide synthetic reactions, crystallization, solid-liquid separation, and purification services for chemical product intermediates. In addition to handling chlorination, bromination, functional materials containing fluorine, and agricultural chemical intermediates, we have been responding to demand in recent years and moving into the recycling and environmental businesses, and building results and experience in a wide range for sectors including industrial chemicals, automobiles, agricultural chemicals, and electronics materials.

See here for details



Example Case

We use cold liquid nitrogen (-196°C) to create powders required for development materials from substances that are difficult to crush at normal temperatures

Under exacting quality control standards, we crush heat-sensitive materials at a chilly -196°C. These materials, which include elastomers and low-melting point resins, cannot be crushed at normal temperatures. The resulting powders can then be mixed uniformly with various other materials. Using university and pharmaceutical company networks, we prototype and develop machinery and devices for crushing and related work in the field of fine particles.

See here for details

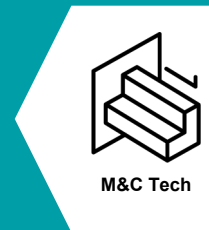




Sales of agricultural materials and feedstuffs

- Sales of Fertilizers, Agrichemicals
- Process and Sales of agricultural films and feedstuffs
- Sales of Agricultural products
- Sales of golf course materials (fertilizers, pesticides, colorants)

See here for details



Plastic profile extrusion molding

- Profile extrusion molding
- Post-processing of extrusion molded products (welding, notch pressing, and tape fastening)

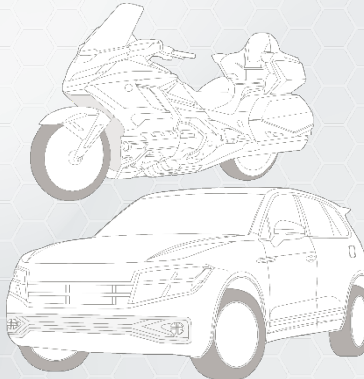
See here for details



Example Case

Plant-derived bio-stimulant agent supporting sustainable agriculture

Naturally derived bio-stimulants are highly safe for plants, people, and the environment. They support healthy crop growth by alleviating various external stresses such as high temperatures and drought, and reducing the use of pesticides and chemical fertilizers.



Example Case

Using the collective capabilities of the group to build the future of mobility

CASE, MaaS, and the smart city concept represents once-in-a-century period of great change and the future of related mobility is expanding greatly beyond the categories of two & four wheeled vehicles. MorirokuChemicals will continue to anticipate the future of mobility by consolidating group's proprietary expertise in automotive materials and resin-processed products.

Creating new value through a strong overseas network with a focus on Asia, where high economic growth rates are expected



Following India, representative office in Vietnam commenced its operation in 2023. In the fields of "Fine Chemicals," "Automotive Materials," "Resin Processed Products," "Coatings," "Electrical and Electronics," and "Lifestyle Materials," Moriroku aim to develop promising markets in Asia, where further economic growth is expected, and expand our business by pursuing added value through our strong network with Israel, Europe, and the United States.

See here for details



Taking multifaceted approach to create practical application, from material procurement to resin material development and mass production



Plastics, with their excellent durability and low manufacturing costs, are indispensable materials for automobiles, and various research and development efforts are underway to contribute to the global environment, including the development of recycled plastics and bio-plastics. The Moriroku Group is also working on the practical application of plastics in automotive parts through a multifaceted approach, utilizing its strengths and technologies in areas ranging from material procurement to compounding, design, and analysis.

See here for details



MORIROKU HOLDINGS COMPANY, LTD.

Head office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6102
President and CEO	Naoki Kurose
Founded	1663
Incorporated	March 1916
Capital	1,640 million yen
Main business	Management of group companies and handling of indirect operations
Number of employees (consolidated)	4,447 (as of March 31, 2024)
Sales	145.6 billion yen (consolidated basis), April 2023 – March 2024
URL	https://www.moriroku.co.jp/english/

MORIROKU TECHNOLOGY COMPANY, LTD.

Head Office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama, 1- chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6596
President	Kazuyuki Morita
Capital	350 million yen
Main business (consolidated)	Manufacture and distribution of synthetic resin products
Lines of business	Four-wheel vehicle parts, two-wheeler parts, electric tool parts
Number of employees (consolidated)	3,824 (as of March 31, 2024)
Sales	118.7 billion yen (consolidated basis), April 2023 – March 2024
Offices	Head Office Technical Research Center Plants/Suzuka, Kanto
Affiliated Companies	Yukou Co., Ltd. Kumamoto Moriroku Kasei Co., Ltd. Moriroku Technology North America Inc. Listowel Technology, Inc. Moriroku Technology De Mexico S.A. De C.V. Guangzhou Moriroku Technology Co., Ltd. Wuhan Moriroku Technology Co., Ltd. Moriroku Philippines, Inc. Moriroku Technology (Thailand) Co., Ltd. Pt. Moriroku Technology Indonesia Moriroku Technology India Pvt. Ltd.
URL	https://www.moriroku.co.jp/technology/english/

MORIROKU CHEMICALS COMPANY, LTD.

Head Office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6179
President	Naoki Kurose
Capital	350 million yen
Main business (consolidated)	Manufacture, distribution, importing and exporting of chemical and synthetic resin products
Lines of business	Electronic materials, Automobile materials, Coating, Industrial chemicals, Fine chemicals, Food products, Industrial materials, Daily life materials, Environmental materials, Packing materials, Agricultural materials, Engineering plastic products
Number of employees (consolidated)	554 (as of March 31, 2024)
Sales	26.9 billion yen (consolidated basis), April 2023 – March 2024
Offices	Head Office Offices/Osaka, Nagoya, Shikoku Branches/Akashi, Kyusyu
Affiliated Companies	Shikoku Kakoh Co., Ltd. Goko Kasei Industrial Co., Ltd. I.M. MATERIAL Corporation Moriroku Agri Co., Ltd. Moriroku Company (HK) Ltd. Moriroku (Shanghai) Co., Ltd. Moriroku (Guangzhou) Trading Co., Ltd. Moriroku (Tianjin) Co., Ltd. Moriroku (Singapore) Pte., Ltd. Moriroku (Thailand) Co., Ltd. Moriroku Chemicals Korea Co., Ltd. Pt. Moriroku Chemicals Indonesia Moriroku Austria GmbH Moriroku America, Inc. M&C Tech Indiana Corporation MORIROKU CHEMICALS INDIA PRIVATE LIMITED
URL	https://www.moriroku.co.jp/chemicals/english/

Offices in Japan

MORIROKU HOLDINGS COMPANY, LTD.

- **Head Office**
Shin Aoyama Building East (18th floor), 1-1,
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MORIROKU TECHNOLOGY COMPANY, LTD.

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TEL +81-3-3403-6596
- **Technical Research Center**
689-9, Terauchi, Moka-shi, Tochigi 321-4345
TEL +81-285-80-6300
- **Suzuka Plant**
2102-17, Azakita-shimonowari, Ifuna-cho, Suzuka-shi, Mie 519-0323
TEL +81-59-371-6520
- **Kanto Plant**
817, Higashishin-machi, Ota-shi, Gunma 373-0015
TEL +81-276-36-1000

Affiliated Companies in Japan

MORIROKU TECHNOLOGY COMPANY, LTD.

- **Yukou Co., Ltd.**
59, Mukouhara, Yamakita-machi, Ashigarakami-gun, Kanagawa 258-0111
TEL +81-465-75-2815
Capital 20 million yen
Business Manufacture and sale of parts for motorcycles and automobiles
- **Kumamoto MoriRoku Kasei Co., Ltd.**
2527, Hirakawa, Otsu-cho, Kikuchi-gun, Kumamoto 869-1231
TEL +81-96-293-1000
Capital 10 million yen
Business Manufacture and sale of parts for motorcycles and automobiles

MORIROKU CHEMICALS COMPANY, LTD.

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Shin Aoyama Building East (18th floor),
1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062
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- **Osaka Office**
20F, Nakanoshima-Dai Building, 3-23, Nakanoshima 3-chome,
Kita-ku, Osaka-shi, Osaka 530-6120
TEL +81-6-6443-5744
- **Nagoya Office**
5F, BIZrium Nagoya, 3-1-17, Noritake Shinmachi, Nishi-ku,
Nagoya-shi, Aichi 451-0051
TEL +81-52-563-3525
- **Shikoku Office**
3-12, Tomidahama, Tokushima-shi, Tokushima 770-0931
TEL +81-88-622-6168
- **Akashi Branch**
Room 701, Ikeuchi No.5 Buiding (7F),
8-34, Taruya-machi, Akashi-shi, Hyogo 673-0898
TEL +81-78-919-6500
- **Kyusyu Branch**
Room 6, Twin-Square,
1-8-28, Enokida, Hakata-ku, Fukuoka-shi, Fukuoka 812-0004
TEL +81-92-431-5024

MORIROKU CHEMICALS COMPANY, LTD.

- **Shikoku Kakoh Co., Ltd.**
516-1 Nishiyama, Higashikagawa-shi, Kagawa 769-2797
TEL +81-879-23-3111
Capital 220 million yen
Business Manufacture, processing and sale of synthetic resin film
- **Goko Kasei Industrial Co., Ltd.**
37, Gosei-cho, Ohmuta-shi, Fukuoka 836-0891
TEL +81-944-56-5395
Capital 30 million yen
Business Sale and manufacture of dyes, coating compounds and agricultural intermediate products
- **I.M. MATERIAL Corporation**
13F Ujiden Bldg., 4-8-17, Nishitenma, Kita-ku, Osaka-shi 530-0047
TEL +81-6-6530-1011
Capital 50 million yen
Business Cryogenic grinding of plastics and custom and consignment production
- **MoriRoku Agri Co., Ltd.**
73-1, Hiraishi-Wakamiya, Kawachi-cho, Tokushima-shi, Tokushima 771-0137
TEL +81-88-665-3339
Capital 30 million yen
Business Sales of fertilizers, agrichemicals, agricultural materials, agricultural products, and feedstuffs

Affiliated Companies in Overseas

MORIROKU TECHNOLOGY COMPANY, LTD.

- **Moriroku Technology North America Inc.**
15000 Industrial Parkway, Marysville, Ohio 43040, U.S.A.
TEL +1-937-738-7821
Capital 17 million US dollars
Business Manufacture and sale of parts for automobiles
- **Listowel Technology, Inc.**
1700 Mitchell Road South, Listowel, Ontario,
Canada N4W 3H4
TEL +1-519-291-9900
Capital 17.8 million Canadian dollars
Business Manufacture and sale of parts for automobiles
- **Moriroku Technology De Mexico S.A. De C.V.**
Mineral de Peñafiel 137 Santa Fe Ampliación,
Puerto Interior, Silao, Gto 36275, Mexico
TEL +52-472-723-7400
Capital 607 million Mexican pesos
Business Manufacture and sale of parts for automobiles
- **Guangzhou Moriroku Technology Co., Ltd.**
No.13 Tien Yuan Dong Road, Yonghe Economic Zone,
Guangzhou Economic Zone, Guangzhou,
Guangdong, China
TEL +86-20-8297-0096
Capital 8 million US dollars
Business Manufacture and sale of parts for automobiles
- **Wuhan Moriroku Technology Co., Ltd.**
NO.216, Sandian Middle Road, Jinghe street, Dongxihu
District, Wuhan, P.R.C
TEL +86-27-8389-8808
Capital 8 million US dollars
Business Manufacture and sale of parts for automobiles
- **Moriroku Philippines, Inc.**
115, North Science Avenue, Laguna Technopark,
Binan 4024, Laguna, Philippines
TEL +63-49-541-2892
Capital 200 million Philippine pesos
Business Manufacture and sale of parts for automobiles
- **Moriroku Technology (Thailand) Co., Ltd.**
Pinthong 1 Industrial Estate, 789/170 Moo 1, Tambol
Nongkham, Amphur Sriracha, Chonburi 20230, Thailand
TEL +66-3-834-8288
Capital 450 million Thai bahts
Business Manufacture and sale of parts for automobiles
- **Pt. Moriroku Technology Indonesia**
Surya Cipta City of Industry, Jl. Surya Lestari KAV. I-2IJ,
Kutamekar, Ciampel, Karawang, Jawa Barat, 41361,
Indonesia
TEL +62-26-7863-7716
Capital 12 million US dollars
Business Manufacture and sale of parts for automobiles
- **Moriroku Technology India Pvt. Ltd.**
B/6-11, Sector-81, Phase- II, Noida-201 305, Distt.
Gautam Budh Nagar, Uttar Pradesh, India
TEL +91-120-2-568573
Capital 505.93 million Indian rupees
Business Manufacture and sale of parts for automobiles
and motorcycles

MORIROKU CHEMICALS COMPANY, LTD.

- **Moriroku Company (HK) Ltd.**
Room 1704, 17/F, Tower 1, China, Hong Kong City, 33
Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong
TEL +852-2865-0798
Capital 1 million HK dollars
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku (Shanghai) Co., Ltd.**
Room 6210-6211, Rui Jin Business Center, Rui Jin
Guest House 118, Rui Jin 2 Road, Shanghai, China
TEL +86-21-6466-0484
Capital 250,000 US dollars
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku (Guangzhou) Trading Co., Ltd.**
Room 2702-03, China Shine Plaza, No. 9, Lin He Xi
Road, Tianhe District, Guangzhou, P.R.China 510610
TEL +86-20-2208-2133
Capital 300,000 US dollars
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku (Tianjin) Co., Ltd.**
RM. 3207, 32F, The Exchange Tower 1, No.189,
Nanjing
Road, Heping District, Tianjin 300051, P.R.China
TEL +86-22-8319-2358
Capital 540,000 US dollars
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku (Singapore) Pte., Ltd.**
35 Selegie Road, #09-21 Parklane Shopping Mall,
Singapore 188307
TEL +65-6336-2280
Capital 700,000 Singapore dollars
Business Export, import, and sales of chemical goods
and resin products
- **MORIROKU (THAILAND) CO., LTD.**
8th Floor, Maneeya Center Building 518/5, Ploenchit
Road, Kwaeng Lumpini, Khet Patumwan, Bangkok
10330, Thailand
TEL +66-2-652-0607
Capital 100 million Thai bahts
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku Chemicals Korea Co., Ltd.**
Samsung Jeil Bldg. 9F, 309 Teheran-ro, Yeoksam-dong,
Gangnam-gu, Seoul 06151, Korea
TEL +82-2-527-2700
Capital 990 million won
Business Export, import, and sales of chemical goods
and resin products
- **Pt. Moriroku Chemicals Indonesia**
M Gold Tower Office 17th Unit8 Jl. K.H. Noer Alie, Bekasi
Selatan 17148 Jawa Barat, Indonesia
TEL +62-21-2808-7120
Capital 2,500 million Indonesian rupiah
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku Austria GmbH**
Heiligenstaedter Strasse 50-52/10, 1190, Vienna, Austria
TEL +43-1-369-2005-11
Capital 300,000 euros
Business Export, import, and sales of chemical goods
and resin products
- **Moriroku America, Inc.**
15000 Industrial Parkway, Marysville, Ohio 43040, U.S.A.
TEL +1-937-553-9235
Capital 650,000 US dollars
Business Export, import, and sales of chemical goods
and resin products
- **M&C Tech Indiana Corporation**
1928 Technology Drive, Washington, IN 47501, U.S.A.
- **MORIROKU CHEMICALS INDIA PRIVATE LIMITED**
Suite No.1208, Altrade Business Centre, 12th Floor, DLF
Building No.10, Tower-B, DLF Cyber City, Phase 2,
Gurugram, Haryana-122002
TEL +91-124-643-4419
Capital 30 million Indian rupees
Business Business development and procurement and
sale of raw materials in India and surrounding
countries

MORIROKU TECHNOLOGY COMPANY, LTD.

| AUDI AG /Honda Motor Co.,Ltd./Honda R&D Co.,Ltd./Honda Access Corp./ Nissan Motor Co.,Ltd./Nissan Shatai Co.Ltd
Toyota Motor Corp. / Volkswagen AG

MORIROKU CHEMICALS COMPANY, LTD.

| ADEKA CORPORATION/Agan Chemical Manufacturers/Aica Kogyo Co.,Ltd./Aishin Chemical Co.,Ltd./AISIN CORPORATION/
Alfa Corporation/Asahi Group Foods, Ltd./Asahipen Corporation/BASF Japan Ltd./DAICEL-ALLNEX LTD./Daicel Corporation/
Daikin Industries,Ltd./DIC Corporation/DYNACHEM GROUP/EXEDY Friction Material/Envalior/Fuji Polymer Industries Co.,Ltd./
Fujicco Co., Ltd./Fukusuke Kogyo Co./GLOBAL POLYACETAL CO., LTD./Harima Chemicals, Inc./Honda Motor Co., Ltd./ICL JAPAN Ltd./
Japan Polyethylene Corporation/JSR Corporation/Kansai Paint Co.,Ltd./Kao Corporation/Kawasaki Motors, Ltd./Kuraray Co.,Ltd./
KYOEISHA CHEMICAL Co.,LTD./LANXESS AG/LINTEC Corporation/Lion Specialty Chemicals Co.,Ltd./MITSUI BUSSAN CO.,LTD./
MITSUI BUSSAN CHEMICALS CO.,LTD./MITSUI BUSSAN PLASTICS CO.,LTD./Mitsui Chemical Co.,Ltd./
Mitsui Chemicals Tohcello, Inc. /Mitsubishi Chemical Corporation/Mitsubishi Electric Corp./Mitsubishi Engineering-Plastics Corp./
Momentive Performance Materials Japan/Murata Manufacturing Co., Ltd. /New Japan Chemical Co.,Ltd./Nichia Chemical Industries,Ltd./
NIPPON A&L INC./Nippoh Chemicals, Co.,Ltd./NOF CORPORATION/Nippon Electric Glass Co.,Ltd./Nippon Nyukazai Co.,Ltd./
Nippon Paint Co.,Ltd./Nippon Shokubai Co.,Ltd./NIPPON STEEL Chemical & Material Co., Ltd./Nisshinbo Brake Inc./
NITTO DENKO CORPORATION/NS Advantech Co., Ltd./Nuvoton Technology Corporation Japan (NTCJ)/
Okumoto Flour Milling Co.,Ltd./Otsuka Chemical Co.,Ltd./Otsuka Foods Co.,Ltd./Otsuka Pharmaceutical Group/
Otsuka Poly-tech Co.,Ltd./OSAKA ORGANIC CHEMICAL INDUSTRY LTD./Resonac Corporation/Resonac Holdings Corporation/
SB-KAWASUMI LABORATORIES, INC./SEKISUI CHEMICAL CO.,LTD./Perstorp Japan Co.,Ltd./PLAZIT/Polyplastics Co., Ltd./
Polyram Plastic Industries Ltd./Prime Polymer Co., Ltd./Rock Paint Co.,Ltd./SANSHIN KAKO CO.,LTD./
Sanyo Chemical Industries, Ltd./Sharp Corporation/Shin Dai-Ichi Vinyl Corporation/SHINTO PAINT CO.,LTD./SHOWA GLOVE Co./
SHIN-NAKAMURA CHEMICAL/Sumitomo Bakelite Co.,Ltd./Sumitomo Chemical Co.,Ltd./Teica Corporation/TEIJIN LIMITED/
Texchem Group of Companies/TENMA CORPORATION/TOAGOSEI CO.,LTD./TOKAI KOGYO CO.,LTD./Tokyo OhkaKogyo Co.,Ltd./
Tokyo Printing Ink Mfg. Co.,Ltd./TIGERS POLYMER CORPORATION./Tokiwa Industrial Co.,Ltd./Toray Industries, Inc./
Techno-UMG Co., Ltd./Vuteq Corp./W.R.Grace etc.

Main Financing Bank

MORIROKU HOLDINGS COMPANY, LTD.

| Sumitomo Mitsui Banking Corporation/The Awa Bank, Ltd./Resona Bank, Limited./MUFG Bank, Ltd./
Sumitomo Mitsui Trust Bank, Limited/Mizuho Bank, Ltd.

■Basic Chemical Products

- **Phenol and its derivative products**
Phenol, Bisphenol A, Nonylphenol ,etc.
- **Methanol and its derivative products**
Methanol, Formalin, Paraformaldehyde, etc.
- **Organic acid**
Phthalic anhydride, Isophthalic acid, Maleic anhydride, Succinic acid, Adipic acid, etc.
- **Acetic acid and its derivative products**
Acetic acid, Ethyl acetate, Butyl acetate, Vinyl acetate monomer, PVA, etc.
- **Acrylic acid, Methacrylic acid**
Acrylic acid, Acrylic esters, Methacrylic acid, Methacrylic esters, etc.
- **EO, PO and its derivative products**
EO, EG, PEG, Ethanolamine, PO, PG, PPG, etc.
- **Polyhydric alcohol and glycerin**
Pentaerythritol, Trimethylol propane, Neopentyl glycol, Glycerin, etc.
- **Organic solvent**
Toluene, Xylene, Cyclohexane, IPA, Acetone, MEK, MIBK, Cyclo hexanone, Ethylene glycol monoethyl ether acetate, PMAC, Glycol ethers, DMF, N-MP, DMSO, Dichloromethane, ODCB, etc.
- **Inorganic medicine**
Bromine, Sulfur, Sulfuric acid, Caustic soda, Magnesium sulfate, Magnesium chloride, Hydrogen peroxide, Activated carbon, Manganese and its compounds, Nickel and its compounds, Lithium compounds, Industrial gas, Aluminium oxide, etc.
- **Other Products**
TDI, MDI, Polyol, Acrylonitrile, Acrylamide, Liquid ammonia, Urea, Melamine, N-Methyltaurine

■Plastic Resins

- **General purpose resin**
PP, PE, EVA, PS, AS, ABS, AAS, AES, MBS, PMMA, MS, PVC, PVC compound, PET, etc.
- **High performance resin**
PA, PC, POM, PBT, PPE, GF-PET, PPS, LCP, EXOH, APO, Fluorine, PEN, COP, SPS, PEI, PES, PEEK, PI, etc.
- **Elastomer**
Olefin based, Styrene based, Nylon based, Polyester based, PVC based, Urethane based, etc.
- **Special resin**
Polylactic acid resin, Petroleum resin, High water-absorbing resin,etc.
- **Thermosetting resin**
Epoxy resin, Xylene resin, Phenolic resin, Unsaturated polyester resin, Polyurethane, etc.

■Plastic Additives

- **Plasticizer**
- **PVC stabilizer**
- **Antioxidant**
Phenolic antioxidant, Phosphite based antioxidant, etc.
- **Ultraviolet absorbent**
- **Infrared absorbent**
- **Antistatic agent**
Antistatic agent, Dielectric resin
- **Flame retardant**
Brominated based flame retardant, Phosphorus based flame retardant, Inorganic based flame retardant, etc.
- **Coloring agent for resin (Master batch)**
- **Foaming agent**
- **Lubricants**
Metallic soap based, Amide based, Bisamide based, etc.
- **Preservative and fungicide**
- **Filler agent**
Glass mat, Glass roving, Glass bead, Potassium titanate whisker, Calcium carbonate, Aluminum oxide, Talc, Silica, Silica gel, Kaolin, Wood Powder, etc.
- **Nucleating agent**

■ Synthetic Resin Products

- **Film/Sheet**
PVC, PP, PE, PS, PMMA, PET, PC, PAN, Multilayer, Dielectric, Antistatic, Foaming, etc.
- **Packaging materials and container materials**
General purpose bag, Barrier layered bag, Antistatic bag, Injection molding products, Vacuum molding products, Blow molding products, Other molding products, Flexible container, Extrusion molding products, etc.
- **Civil engineering work and construction materials**
Injection molding products, Extrusion molding products, Vacuum molding products, Blow molding products, Foamed products, etc.
- **Chemical fiber and inorganic fiber**
Non-woven fabric, Synthetic pulp, Monofilament, etc.
- **Discharged oil control materials and equipment**
TAFNEL Oil Blotter, Oil Absorber, Perlite, Oilfence, Oil absorbent, etc.
- **Auto parts**
Automotive electronic parts, Motorcycle parts, etc.

■ Fine Chemical

- **Drug medicine intermediates and Agrochemical intermediates**
OCPNA, Hydantoin, Benzoic acid, Bromine compound, etc.
- **Electronic materials intermediates**
- **Medicinal intermediate materials**
Maltose, Cellulose derivatives, etc.

■ Others

- **Fats and oily solutions**
Vegetable oils, Animal oils, Aliphatic acid, etc.
- **Surfactant**
Anionic surfactant, Nonionic surfactant, Cationic surfactant, etc.
- **Fine Ceramics**
Aluminum nitride, Silicon nitride, Boron nitride, Zirconium boride, Tungsten boride
- **Organo metallic compounds**
Organic aluminum compounds, Organic titanium compounds, Organic boron compounds, Organic phosphorus compounds, etc.

● Painting raw materials and adhesives raw materials

Paints, Inks, Alkyd resins, Amino resins, Vinyl resins, Acrylic resins, Epoxy resins, Polyurethane resins, Unsaturated polyester resins, Phenol resins, Synthetic resin emulsion, Water soluble resin, Chlorinated polyolefin, Fluoro resins, Petroleum resins, Ketone resin, Rosin modified maleic acid, Coumarone resin, Alkoxysilane, Powder painting resin, Ultraviolet curing resin, etc.

● Pigment

Titanium oxide, Fine powder titanium oxide, Cobalt oxide, Aluminum paste, Blanc fixe, Organic pigments, Nigrosine, Carbon black, Silica, Aluminium oxide, etc.

● Synthetic dye

Disperse dyes, VAT dyes, Acid dyes, Reactive dyes, Legal dyes, Water based pigment, etc.

● Tackiness agent and adhesives

Phenol based, Urea based, Melamine based, Vinyl acetate based, Rubber based, Silicone based, Acrylic based, Epoxy based, Hotmelt based, Urethane based, Cyanoacrylate based, tape, etc.

● Biochemical products

Cellulase, Amylase, Protease, etc.

● Perfume and its raw materials

● Processed food ingredients, Food additive

Processed starch, saccharides (reduced syrup, isomerized liquid sugar, etc.), seasonings (yeast extract, nucleic acid, etc.), functional ingredients (lactic acid bacteria, chitosan, etc.), soybean dietary fiber, acidifier/pH adjuster, thickening and stabilizing agent

● Silicones

Oil, Rubber, Resin, Silane, etc.

● Synthetic rubber

CM, Polymer, LX, Organic rubber chemicals, etc.

● Mechanical, Metallic products

Molding machine, Machine, Molds, Tools, Inspection tool, Metal parts, Electric tool parts, etc.

● Others

Drying agent, Polymer flocculant, Hard coat materials



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