

Vol.3

Partnership Success Stories

**Build
Innovation
Together**

Innovation from New Partnerships

Manufacturing in Ota City

Ota City is home to numerous manufacturing enterprises, particularly in machinery and metalworking, clustered mainly around the waterfront. This community of manufacturers played a key role in supporting Japan's postwar period of rapid economic growth. Though almost 80% of these enterprises are small in scale, employing nine or fewer people, these rugged manufacturers have acquired a wealth of basic processing technologies and wide-ranging expertise, by responding to the stringent needs of a demanding market. Today approximately 4,200 manufacturers are active in Ota City.

A New Age Needs New Partnerships

Today fields such as IoT, Big Data and AI are transforming the technological landscape. As digital technology advances, the structure of industry is shifting dramatically, with social innovations once thought impossible drawing ever closer to feasibility. Smaller manufacturers are hard pressed to respond speedily to these changes in the industrial structure if they rely solely on in-house technology and personnel. For this reason, demand for partnerships with outside organizations and companies is mounting steadily.

Innovating Through the Strengths of Partnerships

In these heady times of revolutionary innovation, an assortment of industrial fields are expected to grow over the near-to-medium term. These include leading-edge mobility technologies such as electrical vehicles (EVs) and self-driving vehicles; healthcare, including medicine, health and social services; and advanced fields that support general industry, such as robotics and digital technology. Through projects to create next-generation industries and industrial clusters, the Ota City Industrial Promotion Organization (the Organization) is positioning these fields, with their deep affinity for enterprises in Ota City, as next-generation industries. Our aim is to give rise to form partnerships with small and medium-sized enterprises (SMEs) in Ota City that will advance new fields and lead to the creation of fresh innovations.

In this collection of success stories, we showcase the tangible results of the wide variety of partnerships the Organization has fostered with SMEs in Ota City through its matching services.

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Industrial/Academic Partnerships

Educational and Research Institutions

× SMEs in Ota City

Advancing Partnerships with Educational and Research Institutions

By partnering with educational, research and similar institutions, Ota City's SMEs can obtain a clear grasp of their ever-diversifying and ever-advancing development needs and pursue joint development and product development. The Organization's aim is to enable Ota City SMEs to engage and become innovators in next-generation industries with high growth potential, such as AI, robotics, aerospace, medicine and agricultural technology.

Success Story 01

Educational institution: Kunii Laboratory, Faculty of Engineering, Chuo University
 × SME in Ota City: Piezo Sonic Co., Ltd. (along with SMEs in other locations)
Development of Mighty, an Autonomous Transport Robot

Chuo University and enterprises in Ota City and elsewhere partnered to develop an autonomous transport robot. The project introduced a fresh technology for automated logistics in manufacturing, warehouse management, food and beverage outlets, supermarkets and other fields. Optimized for use in general working environments, the robot outperforms even lunar-exploration robots in terms of surface navigation and movement. Its steering mechanism incorporates a piezasonic motor developed by Piezo Sonic that can maintain the robot's posture even at zero power. The robot can negotiate height gaps of 20 cm and can rotate and move sideways on the spot, enabling it to move stably along narrow corridors indoors and outdoors. On-board sensors enable it to recognize its ambient environment, generating routes automatically and avoiding people and obstacles as it proceeds. Flexible support for individual customization is a major advantage of this robot.

About the Company

Piezo Sonic Corporation is engaged in the development of high-torque motors that can maintain their postures even with zero power and autonomous, automated transport robots that can step over differences in height and move laterally. We are strongly committed to industrial-academic-government partnerships and are working with other companies in Ota City to advance manufacturing.



Note: This project was adopted as part of the Strategic Industrial Cluster Formation Pilot Program, implemented by the Organization to promote the formation of clusters in leading-edge industrial fields in Ota City. Other participating companies: Technology Link Co., Ltd., Factus Design Inc., Takenoiri Industry Co., Ltd., Kyoei Corporation, Mabuchi Motor Co., Ltd., Quadcept Inc., e-Gle Co., Ltd., Andthanks Co., Ltd., Autodesk Inc.

Success Story 02

Educational institution: Tokyo Institute of Technology × SMEs in Ota City: H-MUSCLE Co., Ltd.
Development of compact, lightweight and high-output hydraulic cylinders, hydraulic oscillating motors and control circuit boards for next-generation robots

For five years, Tokyo Institute of Technology worked on development of compact, lightweight, high-output and ultra-low-friction hydraulic actuators for robots, in partnership with a number of specialist hydraulics manufacturers, chiefly in Ota City. This development program was conducted as part of the Tough Robotics Challenge of the Cabinet Office's Impulsing Paradigm Change Through Disruptive Technologies Program (ImPACT). H-MUSCLE is a venture company launched by the university for the purpose of commercializing the research results and applying them in society. The university also conducted design development to advance further commercialization and series development, in partnership with companies in Ota City and elsewhere possessing specialized technologies. The partners have already fielded inquiries from several major companies, accepted orders, and are gradually delivering results.

About the Company

H-MUSCLE is a venture company of Tokyo Institute of Technology. It was established to commercialize and apply in society the hydraulic actuators specialized for robots that resulted from research in the Tough Robotics Challenge of ImPACT.



Note: This project was adopted as part of the Strategic Industrial Cluster Formation Pilot Program, implemented by the Organization to promote the formation of clusters in leading-edge industrial fields in Ota City. Other participating companies: JPN Co., Ltd., Sekidai Kogyo Co., Ltd., Toctec Co., Ltd., Dainichi Co., Ltd., Sakamoto-Seisakusho Co., Ltd., Maruzen Kogyo Co., Ltd., Kawamoto Heavy Industries Co., Ltd.

Educational institution: Tokyo University of Technology × SME in Ota City: Patisserie Rouge Blanche
Development of Shojo to Kanransha, a new madeleine (cake) product(Package design and product naming)

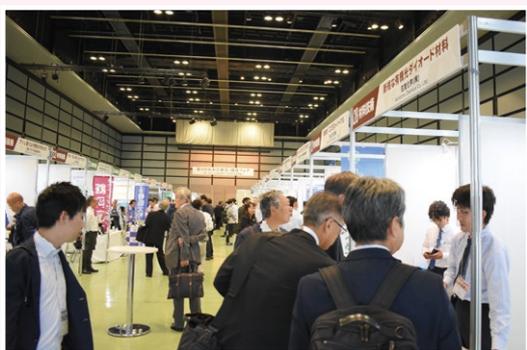
At Patisserie Rouge Blanche, we place great importance on creating products with strong roots in its native community. To perform the product design, we requested the cooperation of Tokyo University of Technology, a local educational institution. With this product, our bakery revived the traditional flavor of madeleine cakes as well as its traditional circular shape, eschewing the seashell shape generally used today. The circular madeleine recalls the shape of the Ferris wheel atop Kamata Station. By naming the product Shojo to Kanransha (“the little girl and the Ferris wheel”), we suggest that the Ferris wheel is the madeleine cake and the shop, Rouge Blanche (“red white”), is the little girl. A pink-and-white logo was created for the product and used to develop items such as stickers and product cards. The product is included in the list of “100 great souvenirs of Ota City.”

About the Company

Patisserie Rouge Blanche insists on only the best ingredients and pours its heart and soul into every pastry it bakes. We are also passionate about offering products strongly rooted in the communities where they are baked. At our former Den'en-Chofu location, we offered the Sakurazaka Madeleine. This product, the Shojo to Kanransha (“the little girl and the Ferris wheel”), was produced in Kamata.



Ota Research and Development Fair



The Ota Research and Development Fair is a trade show focused on the themes of technology transfer, new products and technologies, industrial-academic partnership and industry-to-industry partnership. The fair aims to spur innovation by providing a forum where attendees looking for new technologies can meet exhibitors aiming to germinate the seeds of the latest technologies, transfer the technologies resulting from their research and see their innovations adopted in society. In a typical year, numerous SMEs in Ota City exhibit at the Ota Research and Development Fair and reap rich rewards for their efforts, including formation of new partnerships, placement and acceptance of orders, joint research projects and invitations to research facilities in Ota City.

Educational institution: Azabu University × SME in Ota City: I'mPACT World Ltd.

Testing for virus inactivation

When I'mPACT World Ltd. exhibited at Ota Research and Development Fair with its joint-research partner, Azabu University, many Fair attendees took notice, sharing their product-development needs with the company. Our technology uses plasma to break down harmful substances in the atmosphere, such as dioxins and volatile organic chemicals (VOCs). We felt strongly that this technology also had excellent potential for application in inactivating bacteria and viruses. Motivated by our experience at Ota Research and Development Fair, we proceeded further with our joint research. As a result, we confirmed that feline calicivirus (FCV) could be 99.9% inactivated in less than 0.01 seconds. Azabu University announced the results on our joint behalf. We hypothesize that this technology has an excellent chance of similarly inactivating other viruses, including COVID-19, so we have begun further joint experimentation with a view to developing the technology into a marketable product.



Medical-Manufacturing Partnerships

Needs of the Medicine, Nursing, Nursing Care and Healthcare Fields × SMEs in Ota City

Support for Advancing into the Medical Field

The medical and healthcare fields are viewed as holding strong potential for growth, thanks to ongoing changes in society and industry, such as an aging demographic profile and the introduction of digital technologies. The Organization believes that the sophisticated base technologies accumulated by SMEs in Ota City in the general field of medical care, including not only medical devices but also social services and nursing care, can be applied in these promising markets, and so we decided to support entry into this field for the first time. Because of the difficulty of entering the medical and healthcare fields from other industries, we engaged dedicated coordinators hailing from the medical field to bridge the gap between medicine and manufacturing, supporting the smooth formation of partnerships.

Success Story 04

Educational institutions: Asahi University and Tsurumi University × Manufacturer and vendor of medical devices: Media Co., Ltd. × SMEs in Ota City: Waki Factory Inc., Nissin Kogyo Co., Ltd.
Development of the DentalSCOPE Indicator

By combining the research results of Asahi University and Tsurumi University, the manufacturing capabilities of Waki Factory and Nissin Kogyo and the software development expertise and sales capabilities of Media, the partners developed a dedicated indicator that is indispensable for analyzing bone density. DentalSCOPE is a medical program that analyzes dental X-ray images captured using a dedicated indicator to measure the density of alveolar bone. This indicator, which was designed and manufactured by Waki Factory and Nissin Kogyo, connects directly to human teeth, so exacting precision and safety are essential. Authorized for use as a medical device after three years of repeated design and prototyping, the DentalSCOPE Indicator was placed on the market by Media in September 2020.

About the Company

Waki Factory

We specialize in high-quality machining, performed at a high-speed, high-precision machining center in our factory that is temperature-controlled 24 hours a day. Using machining that does not deteriorate in precision even after long-term continuous machining, we pursue polishing-free and reduced-polishing molds for shorter delivery lead times.

Nissin Kogyo

Nissin Kogyo conducts plastic injection molding, mold design and research and development. If you are experiencing trouble with plastics, please feel free to consult with us. We will work diligently and wholeheartedly from the customer's perspective to respond to your needs.



Success Story 05

Clinical engineering firm: CE Noguchi Kikaku × Medical device manufacturer: Fukuda Denshi Co.,Ltd. × SME in Ota City: Daikyo Kiko
Development of a droplet-exposure prevention kit as an anti-COVID-19 measure

Patients in critical condition being transported by ambulance are typically provided with intubation of the respiratory tract (airway management) by doctors. At this time medical workers run the risk of infection caused by exposure to droplets carrying viruses. This droplet-exposure prevention kit was planned by Hiroyuki Noguchi, a clinical engineer and president of CE Noguchi Kikaku, and developed and manufactured by Daikyo Kiko, a medical-device manufacturer, to protect medical workers from infection and prevent breakdown of medical care. The product is made of stainless steel, which is unaffected by disinfectants, and is designed to stand up to long-term use. The vinyl covering on the frame is single-use (disposable), so it is discarded after treatment, minimizing troublesome disinfection. Fukuda Denshi launched sales of the kit after donating a number of kits to medical institutions via crowdfunding.

About the Company

Daikyo Kiko is mainly engaged in metalworking, can manufacturing and sheet-metal machining. Its products include research and testing jigs, automobile production-line jigs and medical fixtures. We leverage the Ota City manufacturing network to respond to a wide range of customer requirements.



Medical-device manufacturer: B. Braun Aesculap Japan Co., Ltd. × SME in Ota City: Nissin denki Co., Ltd.
Resizing of holes for mounting stoma harnesses

B. Braun Aesculap Japan is the Japanese subsidiary of B. Braun, a leader in the medical field headquartered in Germany. B. Braun Aesculap Japan imports and sells harnesses for stomas used in artificial anuses and artificial urinary bladders. Clients in the medical field in Japan, keen to provide Japanese patients with better service, approached the Company about modifying mounting holes designed for overseas patients to suit the Japanese market. The requirements for stoma harnesses are particularly stringent: Because they are mounted directly on the body, for effective management of excreta they must be airtight, the stoma bag must have no scratches or folds in places other than the machined hole, and machining must be free of burr and machining dust. Drawing on expertise honed over many years of experience in plastics processing, the Company developed a solution, built a prototype and turned it into a product.

About the Company

Nissin denki has been engaged in plastics processing for 54 years. Our corporate philosophy is: "We are a band of engineers who seek out fresh challenges every day, solving customers' most difficult problems through purpose-driven manufacturing." Inspired by this philosophy, we provide one-stop service in plastics processing, applying our wealth of accumulated expertise and diverse array of industrial equipment.

Before processing After processing



Medical trading company in Bunkyo City × SME in Ota City: Nissin Kogyo Co., Ltd.
Development of all-plastic medical tube forceps

A decline in the number of manufacturers of metal forceps in Japan and rising demand for high-performance and hygienic plastic forceps provided an opportunity for Nissin Kogyo. The company drew on its metallic coating technology to develop a replacement for metal forceps made in Japan. Plastic forceps manufactured by Nissin Kogyo offer the following advantages:

- Though made of plastic, they are easy to sterilize.
- They are recyclable.
- They do not react under MRI.
- They are available in a wide range of colors.
- They can be endowed with special antibacterial characteristics.
- No coating is used, so peeling of coating is not an issue.
- They cost less than metal forceps.

Sales of the plastic forceps have already begun and the product has been introduced to numerous medical trading companies and other companies in the medical field. Going forward, Nissin Kogyo is working on further forceps-related projects to incorporate even more value-added.

About the Company

Nissin Kogyo is a corps of professionals in plastic extrusion, receiving orders for the entire series of processes from Research and Development and prototyping to molding and assembly. We particularly excel in metallic molding. Our molded products and molding technologies are adopted in a wide range of industries, including the automotive industry.
 Registered medical device manufacturer (Registration number: 13BZ201133)



Medical institutions: Ujiie Brain and Neural Surgery & Internal Medicine Clinic, others
 × SME in Ota City: Abe Techno System Co., Ltd.
Development of Smooth Walker, a device that supports rehabilitation of foot joints

Based on patents held by Tokyo Institute of Technology, and with coordination by the Organization, a development team was formed in 2016 consisting of Abe Techno System, Tokyo Institute of Technology and Tokyo Rosai Hospital. The team proceeded to develop a device that supports rehabilitation of foot joints. The foot-joint rehabilitation device, which is effective in preventing conglutination and contracture of joints and improving joints' range of motion, is used in applications such as rehabilitation after fracturing of bones caused by paralysis from stroke and the like. A built-in motor drives a foot plate; based on angle, speed and strength settings, the device conducts repeated back-and-forth plantar and dorsal flexion at predetermined times. When developing the device for commercialization, Abe Techno System obtained the supervision of Ujiie Brain and Neural Surgery & Internal Medicine Clinic. Medforschung Co., Ltd., served as the brand owner, obtaining certification for the device in 2021. The device is sold under the brand name "Medforschung SmoothWalker".

About the Company

Abe Techno System originated as a "one-of-the-first" manufacturer, engaged in precision cutting and machining, equipment design and manufacture, and design of monitoring and broadcasting systems. Today the Company puts this technological background to work developing equipment for medical and social services. Through this work in system development, Abe Techno System has obtained registration as a medical device manufacturer and has acquired operations in sales and leasing of advanced management and medical equipment.



Partnerships with the Sports Industry

Sports industry needs × SMEs in Ota City

Providing Solutions to the Sports Industry

The needs of the sports industry are as diverse as the sporting world itself. They encompass the public's rising health-consciousness in recent years, the development of sports for the disabled and the rise of e-sports, to name a few. The development of sports equipment that each athlete can use safely and with confidence according to his or her unique needs and abilities provides the perfect field for the SMEs of Ota City to deploy their sophisticated technological and problem-solving capabilities. The Organization is moving forward to partner with the sports industry as part of the life-science-and-healthcare field.

Success Story 09

Wheelchair manufacturer × SME in Ota City

Development of caster parts for wheelchairs used in wheelchair basketball called "forks" and "shafts"

From 2017 to 2020, Ota City and the Organization partnered with 14 wheelchair manufacturers to implement the Wheelchair Sports Parts and Products Development Project. In 2020, aiming to win adoption of the products by Japanese wheelchair-basketball athletes, the Project developed forks and shafts, which are vital components of the casters the athletes use to operate their wheelchairs. The partners achieved a stunning 50% weight reduction as compared with currently available products. The forks and shafts developed through the Project were adopted by the athletes who represented Japan at the Tokyo 2020 Paralympic Games. The men's wheelchair-basketball team captured the silver medal, while the women's team earned an enviable sixth-place showing.

About the Company

Nakama-mawashi, the practice of conferring and working with friends to solve problems through a network extending from design to production, is deeply engrained in the culture of Ota City. This project is a fine example of the technical excellence and the development and production capabilities Ota City's manufacturing industries bring to the table.



Success Story 10

Wheelchair manufacturer: Matsunaga manufactory Co., Ltd. × SME in Ota City: The MOT Company, Ltd., others

Development of wheels for wheelchair-tennis wheels using CFRP frames

In another initiative by the Organization as part of the Wheelchair Sports Parts and Products Development Project, the Organization partnered with Matsunaga manufactory, a wheelchair manufacturer based in Gifu Prefecture, to develop wheels for wheelchair-tennis wheels using carbon-fiber-reinforced plastic (CFRP) frames. The original plan was to reduce the wheelchairs' weight by replacing the aluminum-pipe frames in use at the time with CFRP. As it turned out, however, the new frames caused the athletes to lose their balance every time they swung their rackets. The developers realized that elasticity of the frame played a crucial role. Overhauling the frame design, the developers succeeded in enhancing elasticity by adopting a monocoque (unitary) design. Metal parts used to join the CFRP frame to the wheels were completed through collaboration with an assortment of Ota City SMEs, led by Ace Co., Ltd. The completed wheelchairs earned kudos from the athletes.

About the Company

The MOT Company is outfitted with equipment for the pressing, mass production and machining of CFRP. The Company has developed technology to insert prepreg into metal, enabling one-shot molding.



Agricultural Partnerships

Needs of the Agricultural Sector × SMEs in Ota City

Support for Entry into the Agricultural Sector

Putting to use the partnerships it has cultivated with regional financial institutions, outside organizations and others, the Organization organized agricultural/industrial partnership seminars and observational tours of agricultural corporations and inaugurated a study group involving SMEs in Ota City. While the need for mechanization, labor reduction and application of IT was apparent in the field, specific solutions to individual issues on-site are scarce. To address this problem, SMEs in Ota City are putting their technological strengths to work, developing farm equipment that solves the issues of agricultural worksites by responding to specific needs. Today the study group is known as the Ota Agri-Fishery Improvement Group and has broadened its activities to encompass not only agriculture but also aquaculture and overseas initiatives. By promoting problem-solving innovation through the formation of new clusters in this way, the Organization is strengthening the industrial bedrock of Ota City.

Success Story 11

Research institution: National Agricultural and Food Research Organization, NARO × SMEs in Ota City: Ace Co., Ltd., I-OTA, others
Development of a semi-autonomous grass-mowing robot capable of operating on steep slopes

This product was launched through joint development with the National Agriculture and Food Research Organization (NARO). Some 40% of Japan's agricultural land is located in mountainous areas. Weeding in these areas is dangerous and heavy work, particularly for elderly farmers, yet it must be done. I-OTA, a joint project of SMEs in Ota City, joined with companies in its network to develop machines that contribute significantly to improving the efficiency and safety of this work. A key feature of this product is that it is specialized for weeding on steep slopes. Pulled by two anchor stakes and a wire mounted between them, the device performs delicate position control to conduct weeding on sloped land. The device weighs in at just 25 kg and is supported by casters, so it can easily be pushed and moved by hand. Because it is pulled by wire, the device does not slip and fall even on rain-slicked slopes. Through strengthened collaboration with companies in Ota City, the partners aim to make the product commercially available before the end of 2022.

About the Company

Ace manufactures various jigs for automakers and parts manufacturers and performs machining of dedicated machine parts, railway-related parts and parts for various other fields. The Company has assembled a network of some 200 companies in Ota City and across Japan in an integrated production system. We are currently working actively on development of agricultural machinery and equipment.



Success Story 12

Moroccan cosmetics manufacturer: Rose de Marrakech × SMEs in Ota City: Kaseda Co., Ltd., others
Development of argan nut crushers

Argan oil, a specialty product of Morocco that is used in cosmetics, can only be produced by splitting the shell of the argan nut, which is harder than a walnut, and removing the kernel inside. In Morocco, the shell is split by setting the argan nut on a rock, holding it in place by hand and striking it from above with another rock. Needless to say, this technique is inefficient and contaminates the flesh with shards of the kernel, but worst of all is attended by the constant danger of injury to workers. Responding to a request from JCB Japon Co., Ltd., the developer of Rose de Marrakech, Kaseda and others developed this machine over many years to solve this problem. With assistance from another Ota City company, Satsuki Denshi Co., Ltd., the companies set to work increasing the yield. Going forward, Kaseda and its partners plan to listen to the views of people at the production site to improve the product further. The companies also plan to expand into development of crushers for other types of seeds.

About the Company

Kaseda is a Company that specializes in machinery design. Kaseda currently chairs the Ota Agri-Fishery Improvement Group and boasts an impressive track record in the development of agricultural machinery.



Agricultural needs: Food insecurity in Africa × SME in Ota City: Tech-Taiyo Kogyo Co., Ltd.
Use of cereal puffers for crushed rice contaminated with stones

While working as a research fellow of the Ota Agri-Fishery Improvement Group, we learned about a need in the Kenyan market for an effective use for crushed rice that is contaminated with stones, whose product value is low. One solution we considered was using a cereal puffing machine to separate the rocks from the crushed rice while simultaneously cooking the rice. To research this potential solution, we partnered with Pongashiki Hanbai Co., Ltd., a company with extensive knowledge of rice puffers, and proceeded with development. Rice puffers, which use electricity to rotate a pot while using natural gas to pressure-cook the pot's contents, are widely used in Japan. In Africa, however, these fuels are not always available. Our innovation was to develop a rice puffer that can be rotated manually while the contents are pressure-cooked by burning firewood. By disseminating the newly developed rice puffer in Africa, we provided an easy way to add value to low-value cereals such as crushed rice contaminated with stones, thereby creating a new revenue stream for the users.

About the Company

Tech-Taiyo Kogyo solves corrosion problems by applying high-performance rust-resistant-coating application systems. We recently renewed the bulletin boards used in Ota City, distributing 900 of the new bulletin boards.

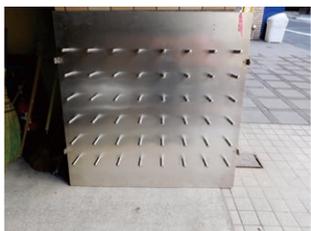


Ota Agri-Fishery Improvement Group

The Ota Agri-Fishery Improvement Group began its activities in earnest in 2019, when it gathered companies possessing excellent technological and planning capabilities, chiefly in Ota City, to act on agricultural needs discovered in partnership with financial institutions throughout Japan. Design work is mainly entrusted to Kaseda and production is allotted to Study Group members to complete finished products. In addition to serving domestic needs, the Study Group responds to the needs of African countries such as Rwanda and Uganda, based on proposals from the Ministry of Agriculture, Forestry and Fisheries (MAFF).

Agricultural needs: Republic of Rwanda × Ota Agri-Fishery Improvement Group: **Development of a sunflower seeder**

In 2016 the Ota Agri-Fishery Improvement Group poured its efforts into a collaboration to manufacture a sunflower seeder (seed planter). The move was part of a project to export flower-production equipment to Rwanda, led by Mizuho Research & Technologies, Ltd. The seeders generally used in this small African country are made of wood and prone to breakdown, resulting in serious problems of agricultural inefficiency. To address these needs, the Study Group developed a seeder made of stainless steel, which is sturdier and easier to carry. Local workers praised the new seeders, stating that they dramatically improved ease of use. The Study Group will continue to strive to find solutions to problems such as these, both in Japan and around the world.



Agricultural event information: MAFF × Ota Agri-Fishery Improvement Group: **Exhibition at TICAD7**

The Seventh Tokyo International Conference on African Development (TICAD7) was held from August 28 to 30, 2019. At a side event to this conference, the Japan Africa Business Forum & Expo, the Ota Agri-Fishery Improvement Group exhibited as part of MAFF's booth. When the Study Group exhibited the four products listed below, the impact on attendees was tremendous, with partnerships and business deals expected to follow. The Study Group anticipates broadening potential for the entry of Ota City SMEs into the African market and the formation of agricultural/industrial partnerships.



Exhibits

- 1) Kaseda Co., Ltd. / Rice de-stoner
- 2) Tech-Taiyo Kogyo Co., Ltd. / Cereal puffer
- 3) Nouentai Co., Ltd. / Aimec tomato cultivator using the IMEC system
- 4) Kyoritsu Chemical-Check Lab., Corp. / Pack Test®

Ota City Research and Development Matching

If you are looking for partners for joint research, product development, design, prototyping or similar projects, the Ota Agri-Fishery Improvement Group is pleased to introduce the ideal Ota City SME to suit your needs. We offer matching approaches tailored to your requirements.

mirai website <https://www.mirai-ota.net>

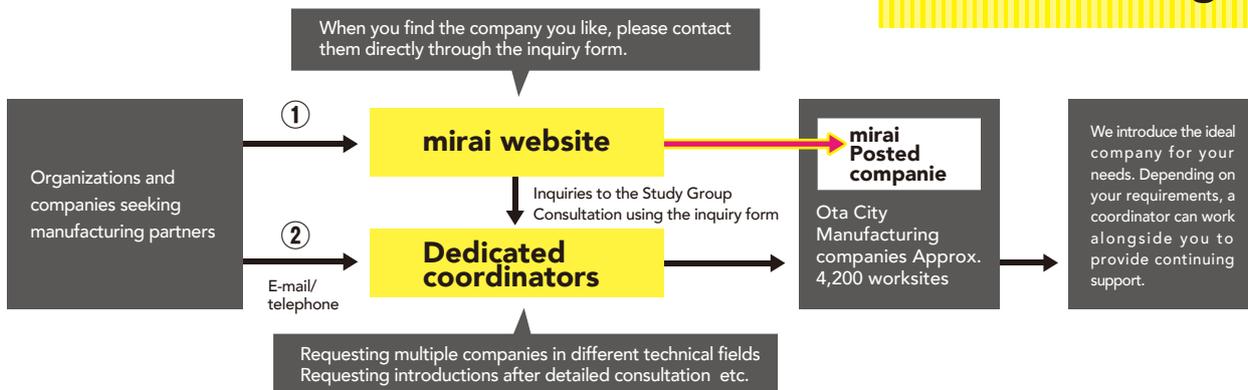
This website is filled with information on approximately 160 companies that excel in Research and Development, design, mass production from prototypes, the most challenging processing and machining, and more. Please contact the companies directly using the inquiry form provided.



Consultation with coordinators

After discussing your needs directly by telephone or e-mail, we introduce you to the company or companies that are ideal for your needs out of some 4,200 manufacturing worksites in Ota City.

**Consultation and matching
Free of charge!**



Open innovation

After listening to a presentation on your company's technical issues and needs from Ota City companies, we canvass Ota City companies for proposals. Large numbers of companies participate, maximizing the potential for unexpected proposals. Depending on your needs, the Study Group can confer with you in advance to narrow the range of companies canvassed.



On-site exhibitions

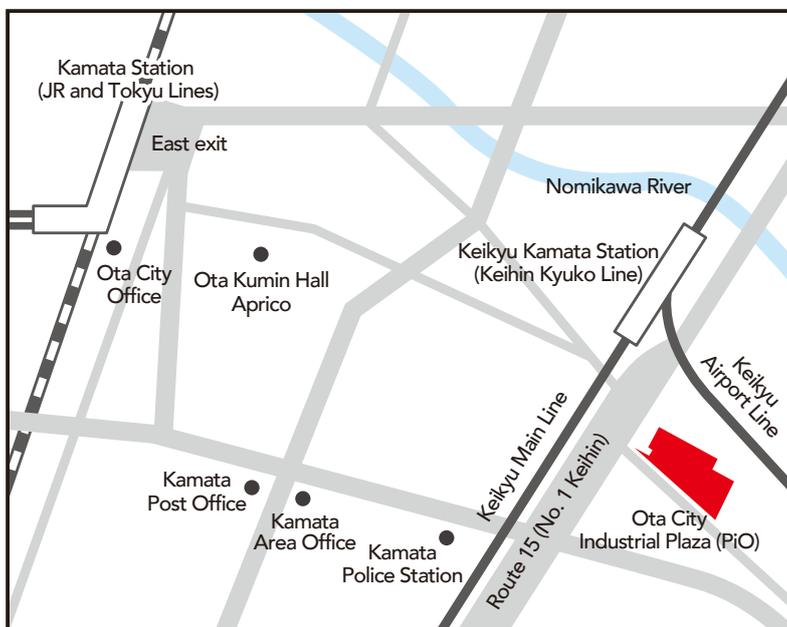
The Study Group can select companies suited to your technical issues, needs and requests and have them present a mini-exhibition at your company's conference room or similar facility. Holding the exhibition on your premises enables greater numbers of your employees to take part.



For inquiries, please contact:

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Access

By Train 3 min. walk from Keikyu Kamata Station, Keihin Kyuko Line
 13 min. walk from Kamata Station, JR Keihin Tohoku Line,
 Tokyu Ikegami Line and Tamagawa Line
By Car Full underground parking is available. ¥100/ 30 min.