



Osaka Healthcare Pavilion Reborn Challenge Outline of Exhibitions in the Exhibition Area

MORECOSMETICS Inc.	
Exhibits	Healthy Scalp with an Innovative Vinegar-based Shampoo
Message from the exhibitor	<p>While we have seen remarkable development in various industries since 1945 in Japan, there have been few advancements in the detergent industry. Amid such circumstances, our patented Hypoallergenic Liquid Cleaning Composition (patent No. 5057337 obtained in 2012) has been highly evaluated for its rich, creamy lather and superior cleansing power. It is also recognized as the only detergent in the world that is extremely hypoallergenic to the human body and the environment.</p> <p>We will reveal the truth that detergents irritate the skin and cause various skin problems by comparing irritation data (on the human body and in the environment) between general detergents and our vinegar-based detergent.</p>
	
Exhibition program / Project organizer	Resona Mirai Color ~Spring~ Future Healthcare / Resona Bank, Limited • Saitama Resona Bank, Limited • Kansai Mirai Bank, Limited • The Minato Bank, Ltd.

TI plus holdings, Inc.	
Exhibits	Econowa: a Self-contained, Wastewater Recycling Toilet
Message from the exhibitor	<p>Using the power of magic stones and microorganisms, wastewater is purified and reused as flushing water. In this exhibition, we will be exhibiting a 1/5 scale model of the actual product and introducing "Econowa = Eco Loop," a self-contained toilet of the future. We hope our product will be seen by many people, and that our desire to protect the health of children in unsanitary environments and secure their futures will reach the world.</p>
	
Exhibition program / Project organizer	Resona Mirai Color ~Summer~ Metropolis of the Future / Resona Bank, Limited • Saitama Resona Bank, Limited • Kansai Mirai Bank, Limited • The Minato Bank, Ltd.

The Ethical Spirits	
Exhibits	WoodSpirits Project
Message from the exhibitor	<p>Ethical Spirits is engaged in a project "WoodSpirits" with an aim to commercially produce "Ki-no-sake," the world's first sake made of wood! We believe that this project will contribute to revitalizing Japan's forestry industry by promoting the use of unused forest timber, which is said to annually generate 9.7 million tons, as an ingredient for alcoholic beverages and enable it to be traded at a high price. In this exhibition, we will showcase intermediate-stage products from the test production process of "Ki-no-sake," allowing visitors to experience its aroma.</p> 
Exhibition program / Project organizer	Resona Mirai Color ~Autumn~ Harmony between Japanese Tradition and the Future / Resona Bank, Limited • Saitama Resona Bank, Limited • Kansai Mirai Bank, Limited • The Minato Bank, Ltd.

Atmoph Inc.	
Exhibits	Atmoph Window
Message from the exhibitor	<p>Atmoph Window is a futuristic window that allows you to explore and learn more about the world around you. It is a truly new form of home entertainment. The window projects over 1,700 views, including landscapes from around the world and VR worlds, such as 3D virtual cities.</p> <p>It connects you to the world by allowing you to converse with the integrated AI, locate yourself on a 3D globe, and learn what is on the other side of your window.</p> 
Exhibition program / Project organizer	Resona Mirai Color ~Winter~ Future Technology / Resona Bank, Limited • Saitama Resona Bank, Limited • Kansai Mirai Bank, Limited • The Minato Bank, Ltd.


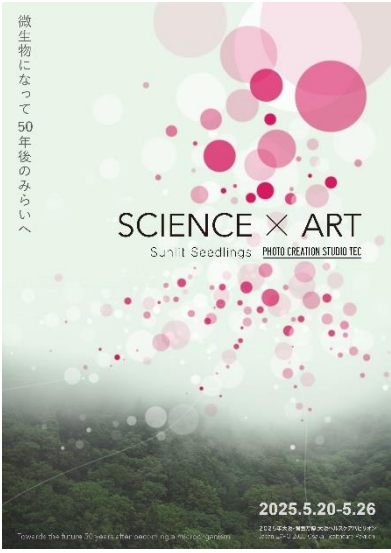
Red Dot Drorn Japan Co.,Ltd.	
Exhibits	Drone Remote Control Technology
Message from the exhibitor	<p>Using Red Dot Drone Japan's drone remote control app and commercial drones, you can control a drone that is thousands of kilometers away in real time while watching live-stream footage from the drone displayed on a screen. This new technology uses drones to inspect the situation without going to the site, and we are considering using it in disaster prevention, security, construction sites, and more. In this exhibit, we will demonstrate the usage for travel purposes. We are preparing to offer Expo visitors the opportunity to experience remote travel by drones to famous destinations.</p>
Exhibition program / Project organizer	Resona Mirai Color ~Winter~ Future Technology / Resona Bank, Limited・Saitama Resona Bank,Limited・Kansai Mirai Bank, Limited・The Minato Bank, Ltd.





Innoqua Inc.	
Exhibits	Blue Forest Project Observe a Mangrove Ecosystem Right before Your Eyes!
Message from the exhibitor	<p>Our exhibit is a replica of a mangrove ecosystem. Over the past 20 years, the number of mangroves protected through tree planting and conservation activities in Asia has significantly increased. Today, it is estimated that more than half of the lost mangrove forest areas have been restored, and the current rate of loss has slowed to about one-quarter of the past level.</p> <p>However, despite this progress, mangrove forests are still being lost at a rate of approximately 1% of their global area each year. Mangroves possess a remarkable level of environmental adaptability, enabling them to recover quickly when conditions improve. Therefore, we are committed to enhancing the value of mangroves, increasing public interest in their protection, and ultimately contributing to biodiversity conservation.</p>
Exhibition program / Project organizer	Originating in Osaka! Futuristic Living:Be the Most Excited and Interested Metropolis in the World / The Senshu Ikeda Bank, Ltd.





Kuboi Ink Co.,Ltd.	
Exhibits	Scent Printing
Message from the exhibitor	<p>At the Expo site, we will exhibit “World’s first! Art to Feel, Heal, and Enhance Your Cognitive Function.” This content allows visitors to visually experience the healing effects of animals such as dolphins and cats. When touching the artworks you can feel their raised texture, while also experiencing the healing effects of aromatherapy scents. Furthermore, recent research has shown that scents can improve cognitive function. At this exhibition, we will be exhibiting and allowing visitors to experience our scent printing technology.</p> 
Exhibition program / Project organizer	Originating in Osaka! Futuristic Living:Be the Most Excited and Interested Metropolis in the World / The Senshu Ikeda Bank, Ltd.

Sunlit Seedlings Ltd. ・ STUDIO TEC.co.,Ltd.	
Exhibits	Promotional Movie: "Become a Microorganism and Travel 50 Years into the Future! Creating Forests of the Future through Biodiversity Visualization Technology"
Message from the exhibitor	<p>Forests are at the top of the supply chain that connects to human society. How should we create forests for the future 50 years from now?</p> <p>A promotional movie will be screened about an immersive exhibition that allows visitors to experience (with all five senses) the creation of future forests from the perspectives of humans, organisms, and science.</p>  
Exhibition program / Project organizer	Originating in Osaka! Futuristic Living:Be the Most Excited and Interested Metropolis in the World / The Senshu Ikeda Bank, Ltd.

Space Power Technologies Inc.	
Exhibits	Wireless Power Transmission System at a distance
Message from the exhibitor	<p>This system transmits power wirelessly to remote locations. Power is transmitted wirelessly using microwaves from a transmitter installed on the ceiling to power the objects on the display stand. This system eliminates concerns about battery depletion and the hassle of wiring, offering a truly wireless experience. It can receive several watts of power over a transmission distance of about one meter, and can drive various IoT sensors, LEDs, and actuators. This exhibition will introduce demonstration examples through video, as well as display models of transmitters and receivers, and examples of moving toys.</p> <div style="display: flex; justify-content: space-around;">   </div>
Exhibition program / Project organizer	Originating in Osaka! Futuristic Living:Be the Most Excited and Interested Metropolis in the World / The Senshu Ikeda Bank, Ltd.

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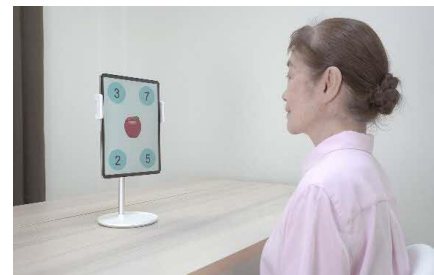
Tokai Spring Industries, Inc.	
Exhibits	A Manufacturing Site of the Future: Empowering Craftsmen to Thrive
Message from the exhibitor	<p>We will be exhibiting replicas of extra-large compression springs and volute springs, which are symbols of our craftsmanship, as well as carbon fiber disc springs and titanium alloy compression springs, which are symbols of our cutting-edge technology. We would like to convey that 'haute couture,' crafted by artisans who are constantly evolving, will be even more valued and in demand in the future than it is today.</p> <div style="display: flex; justify-content: space-around;">   </div>
Exhibition program / Project organizer	Let's Create the Future of Humans, Things and Digital Together:Transform Manufacturing of Osaka into Digital Based / The Senshu Ikeda Bank, Ltd.

Toho International Inc.	
Exhibits	A Hybrid World of Manufacturing: Where Analog and Digital Converge
Message from the exhibitor	To showcase our vision of "old but coolish" future manufacturing using IoT service technologies applied to aging manufacturing equipment, we have created a demonstration using wire based Rube Goldberg apparatus. By visualizing the flow of IoT data through rolling silver balls, we aim to make IoT easy to understand and engaging, leaving visitors with the impression that it is "cool".
Exhibition program / Project organizer	Let's Create the Future of Humans, Things and Digital Together: Transform Manufacturing of Osaka into Digital Based / The Senshu Ikeda Bank, Ltd.

Hutzper Inc.	
Exhibits	The Future of Local Factories: A Glimpse into 2035 with Cutting-Edge Technology
Message from the exhibitor	<p>We will showcase a manufacturing site in 2035 that makes full use of digital technologies.</p> <p>In reality, many manufacturing sites remain out of reach of the latest technology, constrained by cost and requirements. At Expo 2025, we plan to showcase a video that illustrates the factories of the future, where technological innovation is advancing and new technologies are being actively used on the manufacturing floor. Today, we are hosting a monitor exhibit to showcase the progress of our exhibition preparation and the smart factory vision that Hutzper is striving to achieve.</p>
Exhibition program / Project organizer	Let's Create the Future of Humans, Things and Digital Together: Transform Manufacturing of Osaka into Digital Based / The Senshu Ikeda Bank, Ltd.



Ai-BrainScience Inc.	
Exhibits	MIRUDAKE
Message from the exhibitor	<p>MIRUDAKE is an app that assesses the health of a person's brain just by "staring" at the answers to each question on the screen for about three minutes. The app is user-friendly, requiring no expertise to operate, and enables you to assess your brain health quickly, easily, and objectively without any stress.</p> <p>This product utilizes our technology, "eye tracking-based cognitive assessment (ETCA)," which realizes digitalization of conventional cognitive function assessment. Through MIRUDAKE, we will contribute to extending healthy life expectancy throughout society.</p>
Exhibition program / Project organizer	Let's Envision the Society Everybody Lives Comfortably: The Lifestyle and Workstyle in the Future / The Senshu Ikeda Bank, Ltd.



“Promoting our future health with AI” SARAYA & LAiF	
Exhibits	Time Machine for Health
Message from the exhibitor	<p>The dome-shaped chair "Health Time Machine" is a device that predicts your future health condition. Once seated in the chair, a person's blood pressure and vascular function are automatically measured. After completing a 15-question medical questionnaire, the system evaluates and quantifies the individual's risk of developing lifestyle-related diseases of as diabetes, hypertension and dyslipidemia.</p> <p>This chair is equipped with Saraya's vascular function measurement technology and LAiF's AI-driven disease onset prediction system, which identifies the underlying causes of disease and offers insights to encourage preventive action.</p>
Exhibition program / Project organizer	<p>Let's Envision the Society Everybody Lives Comfortably: The Lifestyle and Workstyle in the Future / The Senshu Ikeda Bank, Ltd.</p>



Elcyo Co., Ltd.	
Exhibits	Variable-Focus Glasses (Mockup of Autofocus Glasses)
Message from the exhibitor	<p>With power-adjustable glasses using liquid crystal lens technology, people can enjoy lives free of vision stress, without suffering from declining eyesight or eye diseases. It is especially suitable for those who, despite their age and whether suffering from presbyopia or not, still want to maintain a high work performance with the same vision they had when they were younger. At Expo 2025, autofocus glasses that automatically change focus will be available.</p>
Exhibition program / Project organizer	<p>Let's Envision the Society Everybody Lives Comfortably: The Lifestyle and Workstyle in the Future / The Senshu Ikeda Bank, Ltd.</p>



**KDP Co., Ltd. • Armored-Products Co., Ltd. • Sparkle and, Inc.
Nikken Technos Inc • FUJI MEDICAL INSTRUMENTS MFG.CO.LTD
Fuji-Package Co., Ltd. • Rhino Japan Inc.,**

Exhibits	"Sphere Secure" — Experience Future Safety, Right Now
Message from the exhibitor	<p>"Sphere Secure" is a spherical earthquake-resistant capsule that revolutionizes disaster safety. The capsule's unique spherical design makes it highly resistant to impacts from any direction. The combination of polystyrene foam and tough polyurea resin protects people from earthquakes, tsunamis, and other natural disasters. Visitors can experience a realistic crisis through a disaster simulation in which VR and AR technologies are used. Experience the future of safety technology and explore new possibilities for disaster countermeasures with "Sphere Secure."</p> <div style="display: flex; justify-content: space-around;">   </div>
Exhibition program / Project organizer	Future lifestyle ~Smart room~ / The Osaka City Shinkin Bank

Learn More CO.,LTD.

Exhibits	Kanjie PT
Message from the exhibitor	<p>Visitors will be able to experience the current version of Kanjie PT, a kanji learning application that makes learning kanji characters fun with original stories.</p> <p><Steps></p> <ol style="list-style-type: none"> 1. Select kanji characters you want to learn through iPad or PC. 2. The generative AI creates an original story using the selected kanji characters. 3. A completed picture book data is printed and bound. <p>In this exhibition, visitors can experience steps 1 and 2 above.</p>
Exhibition program / Project organizer	Future City Project for Everyone / Osaka Business Development Agency


HONESTIES, Inc.	
Exhibits	Smart Clothing without a Front or Back and without an Inside or Outside
Message from the exhibitor	<p>Thanks to a fabric with no reverse side and special sewing techniques, the garment can be worn from either side without worrying about whether its worn facing front or back.</p> <p>Through repeated testing, we achieved a comfortable fit and a streamlined silhouette.</p> <p>Our goal is to make life “easier” for all people, including couples, children, caregivers, and those with disabilities.</p>
Exhibition program / Project organizer	<p>“Smart Healthcare Town”Project, a Town Making Fun Tomorrow / Osaka Business Development Agency</p>





CCH Sound, Inc.	
Exhibits	The World’s First Cartilage Conduction Hearing Aid, Otocarti MATE
Message from the exhibitor	<p>Otocarti MATE is a set that includes a hearing aid and cartilage conduction earphones. It starts collecting sound as soon as the power is switched on. This hearing aid is equipped with a high-performance chip designed specifically for hearing aids, and is thoroughly focused on “making speech sound louder.”</p> <p>Simple operation makes it easy for anyone to use.</p> <p>■ Unique equalizing technology enhances voices</p> <p>Many hearing aids amplify all sounds, even unwanted noises. This product uses a unique noise-canceling technology making speech sound clearer.</p>
Exhibition program / Project organizer	<p>“Smart Healthcare Town”Project, a Town Making Fun Tomorrow / Osaka Business Development Agency</p>



JBIRC ・ Tani Shokai ・ LEDEAL	
Exhibits	Beauty Salon Is a Community Health Center
Message from the exhibitor	<p>By positioning a beauty salon as the community health center, "Beauty Salon Is a Community Health Center" will be presented where one can receive not only beauty services but also health consultations and various tests without having to visit a hospital. The app will allow users to self-check for menopausal symptoms during their stay at the salon, and aims to create a seamless ecosystem that provides every service from health care at the salon to gynecological treatment (hormone replacement therapy). This exhibition will introduce three items: a leaflet, a hair hormone test kit, and menopausal supplements.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>
Exhibition program / Project organizer	"Smart Healthcare Town"Project, a Town Making Fun Tomorrow / Osaka Business Development Agency


BIOTECHWORKS-H2	
Exhibits	BIOTECHWORKS-H2 Plant
Message from the exhibitor	<p>BIOTECHWORKS-H2 is a leading provider of cutting-edge technology for converting waste into sustainable energy. Our plant produces a gas mixture from organic waste through a gasification plant, from which hydrogen is extracted. The extracted hydrogen will be converted into renewable energy to be used as electricity in towns and factories, thus achieving a circular economy. This exhibit is a 1/50 scale plant model and includes an actual gasification plant and auxiliary machinery.</p> 
Exhibition program / Project organizer	"Carbon Neutral Treasure Hunt~Technologies Supporting a Comfortable Future~" / Osaka Business Development Agency

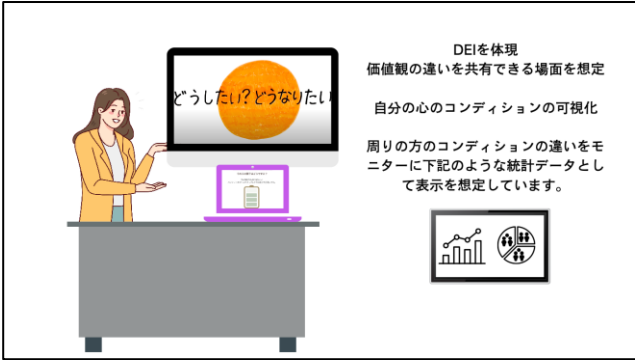
Revo Energy Co.,Ltd.	
Exhibits	"Completely Circulating Plant System" Model
Message from the exhibitor	<p>This exhibit is a model of a plant system that produces biodiesel fuel by cultivating 20-centimeter-tall rice plants for a short period using unique hydroponic cultivation technology, purifying euglena culture solution from harvested rice plants, and cultivating euglena highly efficiently by non-photosynthetic cultivation.</p> 
Exhibition program / Project organizer	"Carbon Neutral Treasure Hunt~Technologies Supporting a Comfortable Future~" / Osaka Business Development Agency


Kanai Juyo Kogyo Co.,Ltd	
Exhibits	Realize one's life with Non-woven Spacer
Message from the exhibitor	<p>Nonwoven fabric spacers manufactured by Kanai Juyo Kogyo are medical devices that were created through industry-academia collaboration, allowing them to be used in the medical field.</p> <p>Radiation is usually used in cancer treatment. By placing the spacers between unaffected and cancer organs, they prevent the radiation from reaching unaffected organs.</p> <p>These products enable cancer treatment for patients who are not able to have surgery due to cancer organs nearby unaffected organs. These are also the patient-friendly products are made from same materials as absorbable sutures, so removal surgery after treatments is not required.</p> <p>This exhibit showcases the applications and features of these products using multi-layered acrylic panels and light.</p> 
Exhibition program / Project organizer	"MOBIO Osaka Pavilion Exhibition : No/BORdER -A Technology Exhibition that Transcends Borders, Barriers, Eras, and Walls-" / Osaka Business Development Agency



Ace Co., Ltd. [The Signage co.ltd・futureDesign Co., Ltd.]	
Exhibits	Naked-eye 3D Display
Message from the exhibitor	3D is commonly associated with attractions that are viewed with red and blue glasses, but there are other visions in the world that allow you to see 3D with the naked eye. The cutting-edge 3D vision (optical illusion) will amaze and impress visitors. The content of the video will be based on Osaka's cityscape and the theme in SDGs No. 17, "Partnership and human connections," which we consider to be the most important, and will be produced in a way it can appeal to the world. Visitors can also enjoy the exhibition of painting techniques using eco-friendly paints.
Exhibition program / Project organizer	Power Spots in OSAKA : Small and Medium-sized Enterprises / Osaka Prefectural Federation of Small Business Associations

Kansai Innovation Center(MUIC Kansai)	
Exhibits	Flyers, posters, etc., related to exhibitions
Message from the exhibitor	We will place flyers and other materials available to introduce the current efforts and services of the exhibitors. We will continue to work to present more improved products as a part of the "Reborn Challenge."
Exhibition program / Project organizer	"A Testing Ground for New Tourism Ventures:Revitalizing Kansai through the Tourism Industry" / Kansai Innovation Center (MUIC Kansai)

BeLiebe Consortium	
Exhibits	EggU, AMH Testing Kit
Message from the exhibitor	<p>The EggU is a service that measures a woman's remaining egg count based on her blood hormone levels (AMH levels) using an AMH testing kit, followed by online counseling by experts to support life career planning. The exhibit will showcase this technology, providing an interactive experience that will encourage visitors to think about their own future careers.</p> 
Exhibition program / Project organizer	"Building Together on Our Diverse Foundation for the Future Society" / MUFG Bank, Ltd.

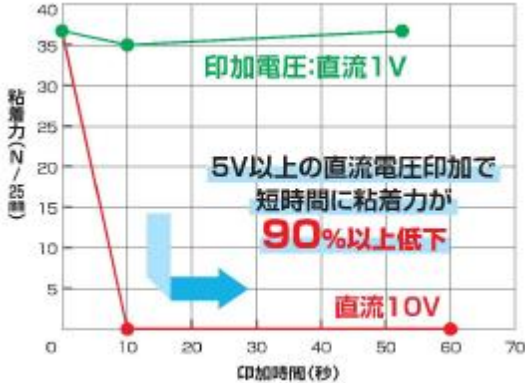
COMARU Inc.	
Exhibits	MARUMARK
Message from the exhibitor	<p>MARUMARK will be exhibited to showcase a functionality that allows users to input their own mental state into the barometer in real time and share it with other participants. We will provide a space to share differences in values, aiming to achieve DEI (Diversity, Equity, and Inclusion). We are currently exploring ways to visualize participants' mental conditions as statistical data, with the aim of eventually displaying them on a monitor to make the differences in conditions easier to understand.</p> <p>We will also screen a video that conveys our thoughts for future users and those facing difficulties.</p>
	
Exhibition program / Project organizer	"Building Together on Our Diverse Foundation for the Future Society" / MUFG Bank, Ltd.

Computer Science Institute Consortium	
Exhibits	Eye Navi, a Walking Support App for the Visually Impaired
Message from the exhibitor	<p>Eye Navi is a walking support app for the visually impaired that can be used with an iPhone and provides route guidance, obstacle detection, and a walking recorder. It will provide voice notification of the direction and route to a destination, nearby facilities, obstacles in the way, the color of pedestrian signals, braille blocks, etc.</p> <p>Our goal is to create a society in which everyone can move freely and happily wherever possible.</p> <p>At the exhibition, we will provide a demo experience by setting up an intersection photo and an iPhone with our app downloaded at the booth.</p>
	
Exhibition program / Project organizer	"Building Together on Our Diverse Foundation for the Future Society" / MUFG Bank, Ltd.

ASP Co., Ltd.	
Exhibits	Eat Whole & Eat Colors
Message from the exhibitor	<p>As an upcycling of EatWhole (underutilized agricultural products), we are developing protein-rich foods for athletes using processed by-products, as well as sweets that promote intestinal health.</p> <p>We will introduce mini cookies and edible clay based on the EatColors concept, which uses the colors of vegetables instead of food colorings.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
Exhibition program / Project organizer	"Series A; Selection ~9 Innovators who will Build a Bright Future Society~" / The Osaka Chamber of Commerce and Industry

TSUDA Industrial Co.,Ltd.	
Exhibits	Tsuda's Magic × SDGs
Message from the exhibitor	<p>We apply luxurious, colorful decoration (surface treatment) used in the cosmetics industry to environmentally friendly materials made from plant-derived materials (paper, bamboo, etc.) that are difficult to process.</p> <p>Our surface treatment can improve not only appearance, but also texture, allowing it to change and revitalize materials.</p> <p>This exhibit will showcase samples that promote SDGs commitment for a colorful and sustainable future and propose new added value.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
Exhibition program / Project organizer	"Series A; Selection ~9 Innovators who will Build a Bright Future Society~" / The Osaka Chamber of Commerce and Industry

West Japan Plastic Products Industrial Association	
Exhibits	Bioplastic Pipe Organ
Message from the exhibitor	The portative organ is a small pipe organ. This instrument was used from the 11th to 13th centuries, and until now has been made of wood, metal, and bamboo, but at Expo 2025, for the first time in history, an organ made of "bioplastic" will be created and exhibited in a playable state. "Bioplastic" is a term used to describe plastics made from plant-derived components and biodegradable plastics, and is a new, sustainable plastic of the future. By touching bioplastics, visitors will feel more familiar with them, while at the same time, we will convey our thoughts and ideas on the technology and environment involved in their development.
Exhibition program / Project organizer	Reborn with Bioplastics / West Japan Plastic Products Industrial Association

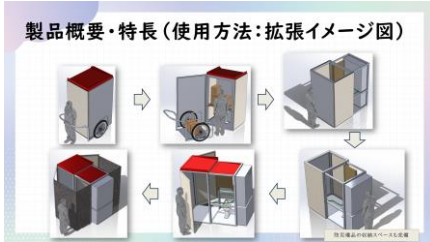

VIGteQnos Co., Ltd.	
Exhibits	First in the World! Strong Adhesion Tape that can be Easily Peeling off with Electricity
Message from the exhibitor	The adhesive tape exhibited here is a new type of easily dismantled tape that has high bonding power during use and can be easily peeling off by electric stimulation after use. This is based on our original technology for the first time in the world by VIGteQnos. It aims to be implemented in the future as a sustainable technology in terms of recycling and the environment. At Expo 2025, we are planning on providing exciting and impactful experiences through demonstrations and exhibitions of electrically peelable adhesive tapes. 
Exhibition program / Project organizer	"The Manufacturing SMEs "E, N, NO, SHI, TA"(unsung heroes) that Support Our Lives in the Near Future" / Osaka Research Institute of Industrial Science and Technology(ORIST)



Yao City, Osaka	
Exhibits	Posters, Flyers, and Videos Related to the Exhibition
Message from the exhibitor	<p>Based on the foundation of "MISERUBAYAO," Yao City will convey both domestically and internationally, the uniqueness and excitement of the companies that have been nurtured in the manufacturing city of Yao, under the banner of "OPEN FACTORY CITY YAO."</p> <p>Visitors can experience a high level of technology and tradition that has been continuously supporting Japanese manufacturing from behind the scenes. Also, they will be exposed to ideas, perspectives, and materials that stimulate creativity. We aim for an exhibition that will make visitors want to create things that will connect to the future simply through touching.</p> <p>The exhibition will introduce the history of the activities and public relations on our "Reborn Challenge."</p>
Exhibition program / Project organizer	Local Factory Entertainment! ~MISERUBAYAO Model~ / Yao City, Osaka



The Osaka Chamber of Commerce and Industry · Kansai Fashion Association. co-op	
Exhibits	Co-creation Project for future fashion based on sustainability
Message from the exhibitor	<p>Seventeen small and medium-sized enterprises, mainly from the textile and fashion industries, are interacting and cooperating to co-create exhibits under the theme "You can't go naked : transforming fashion to the future ! " In the wake of Expo 2025, exciting exhibits such as "shoes that float in the air," "photosynthetic clothes," "transparent-looking clothes," "car airbag recycled clothes," and "transforming hats" are underway.</p> <p>Also introduced are unique exhibitors who have flourished in the textile and fashion industry through their various innovations.</p> <p>Come see the true potential of Osaka's textile and fashion industry.</p>
Exhibition program / Project organizer	Co-creation project for future fashion based on sustainability / The Osaka Chamber of Commerce and Industry · Kansai Fashion Association. co-op

Maikon No Kohara Co., Ltd.	
Exhibits	Applications of Seaweed Film That Is Edible, Dissolves in Water, and Does Not Become Garbage
Message from the exhibitor	<p>There are a variety of edible films, such as wafer paper, but the only film so transparent that it can be mistaken for plastic is the seaweed-derived alginate film that we have developed. One of the themes of the SDGs is the concern surrounding microplastics. We are considering the application of this alginate film as an alternative to plastic films. This technology has a wide range of possibilities, such as instant ramen topping packets that dissolve when pouring cold or hot water on top and can be eaten as is; bath salts packets that dissolve when put into the bath and produce no waste; and cosmetic face pack sheets that dissolve when stuck to the face and are absorbed into the skin.</p> <div style="display: flex; justify-content: space-around;">    </div>
Exhibition program / Project organizer	Aiming to Realize a Wellbeing Lifespan / Association for Rational Administration (Osaka) Inc.

The "With J" Disaster Mitigation Locker Manufacturing Committee	
Exhibits	Lockers that Function as Expanded Multi-purpose Space
Message from the exhibitor	<p>Lockers in ordinary parks can be changed into multi-purpose spaces in the event of a disaster.</p> <p>This innovative idea easily allows lockers to function as toilets and safe spaces. This project is designed as a step towards a society where everyone can live in peace, including those particularly in need of support during a disaster. Our efforts are focused on strengthening community support systems in the event of a disaster and emphasizing convenience and safety for all, including the vulnerable. Our goal is to build a society in which everyone can always feel safe.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>製品概要・特長 (使用方法: 拡張イメージ図)</p>  </div> <div style="text-align: center;"> <p>モニタリング調査の様子</p>  <p>近鉄射野駅イベントスペース「HITONG-WA (ヒトノワ)」 実施時間: 17時~20時 参加人数: 59名</p> </div> </div>
Exhibition program / Project organizer	"Real Solutions for Global Problems: Osaka, the Big Hub of Small Manufacturers" / The Osaka Chamber of Commerce and Industry ・ The Osaka Shinkin Bank

Zipang Airship Project: Challenging by 31 Samurai Manufacturers	
Exhibits	Airship "Zipang" Travels across the Global Skies - A Sustainable, Carbon-free, Safety-oriented Revolution in the Skies
Message from the exhibitor	<p>Airplanes, helicopters, drones, etc. support their weight with propellers powered by energy derived from fossil fuels. On the other hand, airships float in the sky due to the buoyancy of the non-flammable, lightweight gas inside the hull. Furthermore, by adjusting the volume of the lightweight gas that provides buoyancy, our airships can not only float but also take off and land and lift loads of various weights. They can also transport large volumes of cargo that can't be carried by road. A small local factory and collaborators who long for the sky are working together to develop such an airship. "Our flying truck" can deliver cargo to the top of a high mountain, even deep in a forest without roads. We believe that our airships can solve various social issues. For example, in smart forestry, our airships contribute to the use of forest resources through tree planting, felling, lumber collection, and lumber transportation. Our airships also contribute to the prevention, relief, recovery, etc. of disasters. Furthermore, our airships contribute to reducing CO2 emissions, realizing a safe and secure future in society..</p> <div style="display: flex; justify-content: space-around;">   </div>
Exhibition program / Project organizer	"Real Solutions for Global Problems: Osaka, the Big Hub of Small Manufacturers" / The Osaka Chamber of Commerce and Industry · The Osaka Shinkin Bank

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