

A Glimpse into the Future.

At the “Reborn Challenge” section within the Osaka Healthcare Pavilion at the Expo 2025 Osaka, Kansai, Japan, over 400 Osaka-based small and medium-sized enterprises and startups will showcase their new technologies and products on a weekly rotation throughout the 26-week expo period, following themes planned by the “Reborn Challenge Implementation Bodies,” broadcasting their innovative technological capabilities to the world.

The theme of the Osaka Healthcare Pavilion is “REBORN.” This word carries the message that “people can be reborn” and “take new steps forward.” Through the “Reborn Challenge,” which pursues health and happiness for all people and envisions the near future, we aim to create exhibitions that will help visitors discover new aspects of themselves and trigger actions toward the future.

The PR magazine Reborn Challenge Journal introduces in detail the exhibits and participating companies for each week’s theme. Please come to the venue to see the crystallization of each company’s wisdom and technology.

Healthcare

Lifestyle

Femtech

Energy

Well-being

SDGs

Carbon neutral

Reborn

Environment

Technology

Design

Digital

Art

Smart city

2025 Schedule

Exhibition Schedule The theme overviews and introductions of exhibiting companies are here ▼

4. 13(Sun)~4.20(Sun)	Resona Mirai Color ~Spring~ Future Healthcare	P. 04
4.21(Mon)~4.28(Mon)	Resona Mirai Color ~Summer~ Metropolis of the Future	P. 06
4.29(Tue)~5.5(Mon)	Innovations Embedded in the Space for a Wellness Lifestyle : The Office Committed to Physical Health and Beauty	P. 08
5.6(Tue)~5.12(Mon)	Innovations Embedded in the Space for a Wellness Lifestyle : The Office Aimed at Mental and Cognitive Health	P. 10
5.13(Tue)~5.19(Mon)	Rethink Decarbonization Initiatives starting in Towns : Towns and Society, Lifestyles of the Future	P. 12
5.20(Tue)~5.26(Mon)	Originating in Osaka! Futuristic Living : Be the Most Excited and Interested Metropolis in the World	P. 14
5.27(Tue)~6.2(Mon)	Let’s Create the Future of Humans, Things and Digital Together : Transform Manufacturing of Osaka into Digital Based	P. 16
6.3(Tue)~6.9(Mon)	Let’s Envision the Society Everybody Lives Comfortable : The Lifestyle and Workstyle in the Future	P. 18
6.10(Tue)~6.16(Mon)	Future Lifestyle ~ Smart Room ~	P. 20
6.17(Tue)~6.23(Mon)	Future City Project for Everyone	
6.24(Tue)~6.30(Mon)	“Smart Healthcare Town” Project, a Town Making Fun Tomorrow.	
7.1(Tue)~7.7(Mon)	Carbon Neutral Treasure Hunt ~Technologies Supporting a Comfortable future~	
7.8(Tue)~7.14(Mon)	MOBIO Osaka Pavilion Exhibition: No/BORDER -A Technology Exhibition that Transcends Borders, Barriers, Eras, and Walls-	
7.15(Tue)~7.21(Mon)	Power Spots in OSAKA: Small and Medium-sized Enterprises	
7.22(Tue)~7.28(Mon)	A Testing Ground for New Tourism Ventures : Revitalizing Kansai through the Tourism Industry	
7.29(Tue)~8.4(Mon)	Building Together on Our Diverse Foundation for the Future Society	
8.5(Tue)~8.11(Mon)	Academia × REBORN -Harmony between Academia & Society, between Theory & Practice-	
8.12(Tue)~8.18(Mon)	Series A; Selection ~10 Innovators who will Build a Bright Future Society~	
8.19(Tue)~8.25(Mon)	Reborn with Bioplastics	
8.26(Tue)~9.1(Mon)	The Manufacturing SMEs “E, N, NO, SHI, TA” (unsung heroes) that Support Our Lives in the Near Future	
9.2(Tue)~9.8(Mon)	Resona Mirai Color ~Autumn~ Harmony between Japanese Tradition and the Future	
9.9(Tue)~9.15(Mon)	Resona Mirai Color ~Winter~ Future Technology	
9.16(Tue)~9.22(Mon)	Local Factory Entertainment! ~MISERUBAYAO Model~	
9.23(Tue)~9.29(Mon)	Co-creation Project for Future Fashion based on Sustainability	
9.30(Tue)~10.6(Mon)	Aiming to Realize a Wellbeing Lifespan	
10.7(Tue)~10.13(Mon)	Real Solutions for Global Problems: Osaka, the Big Hub of Small Manufacturers	

Exhibits from June 17 to September 1 are introduced in “Reborn Challenge Journal” Vol. 2, and exhibits from September 2 to October 13 are introduced in “Reborn Challenge Journal” Vol. 3.

Resona Mirai Color ~Spring~ Future Healthcare

Reborn Challenge
Implementation Body

Resona Bank, Limited
Kansai Mirai Bank, Limited
The Minato Bank, Ltd
Saitama Resona Bank, Limited

The Resona Group has four weeks of exhibitions. The exhibition concept likens the four weeks to the four seasons of spring, summer, autumn, and winter. The theme for the first week, which starts the expo, is “~Spring~ Future Healthcare.” This theme combines the breath of spring and the birth of new life with the image of medical care and healthcare. Please come see the exhibits of 10 companies with unique technologies as medical care of the future.

[Contact]
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Special Website



“Artificial Fat” of the Future that Restores Breast Through Self-Tissue Regeneration

Renato science,inc.

In breast reconstruction after breast cancer removal, surgical invasion in autologous tissue harvesting and the occurrence of malignant lymphoma in silicone implant insertion are challenges. Therefore, we aim to commercialize artificial fat (polylactic acid + collagen sponge) as a new medical device for the breast reconstruction and augmentation market, which is minimally invasive and aesthetically superior, and which is biodegraded and replaced by autologous fat over several years.



The Possibilities of “Tetra-gel” Technology and the Future

Gellycle Co., Ltd.

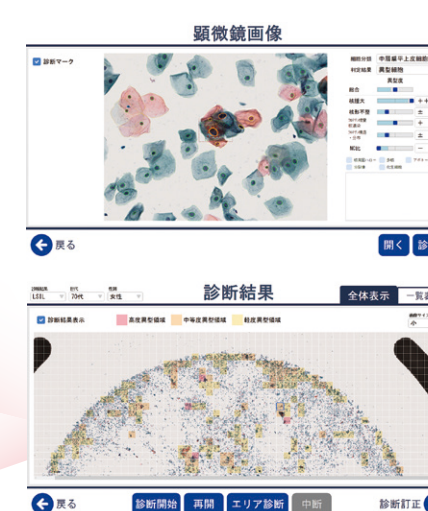
“Just by injecting gel into the body, any disease can be cured.” Such a future might become reality. Through hands-on experiences of creating and feeling various “Tetra-gels” - gels that instantly solidify, naturally disappear, bounce, stretch freely, and even lift dumbbells — we will introduce their innovative nature and potential applications in medical and industrial fields.



AI-Based Cancer Diagnosis Support System

BRAIN Co.,Ltd./RAY CREATION Co.,Ltd.

We developed “Cyto-AiSCAN,” an AI-based cancer diagnosis support system, by advancing the technology of “BakeryScan,” an AI cash register for bread identification. This system identifies images taken through microscopes etc. in cancer screening, enabling quick judgment by quantifying the visual characteristics of cells. Based on the judgment results, pathologists make the final diagnosis. In the exhibition, we provide an experience to make “cells,” which are usually difficult to see, more accessible.



Surgical Innovation with Projection Mapping

MITAKA KOHKI Co., Ltd.

Discover “MIPS”, a surgical support system that uses advanced projection mapping technology to assist in precision surgeries.

MIPS projects real-time images of blood flow and lymphatic flow, which are difficult to see with the naked eye, directly onto the body surface or organs.

This system provides accurate surgical guidance without being affected by the movement or deformation of organs and tissues. Surgeons can perform procedures more efficiently and accurately, leading to shorter surgery times, reduced blood loss, and better preservation of organ function. These improvements aim to enhance patients' recovery and quality of life.



Aiming for an Allergy-Free Future Society

MORECOSMETICS Inc.

Our proprietary vinegar-based cleaning agent “Laureth-3 acetate amino acid (patented)” provides excellent.

It is characterized by foaming and high cleaning effect, but extremely low irritation to the human body and the environment.

Created a “Burden” with At the exhibition booth, about the irritation that cleaning agents have on the skin.

Disclosure of empirical data. People suffering from allergies around the world can live with peace of mind and healthy.

Aiming to realize a future society with zero allergies.



Challenge from Research to Clinical Practice

KUBIX Inc.

We are developing products for medical settings using genetic analysis technology, such as testing technology that can determine the presence and type of cancer using only blood tests. In this exhibit, we will explain “What are genes, DNA, and RNA?” “How are they useful for medicine?” and also introduce our research and development efforts.



Establishing an Oral Examination System to Protect People’s “Oral Health”

ORCOA Co.,Ltd

Once lost, teeth cannot regenerate. Periodontal disease, a major cause of tooth loss, is said to be caused by oral bacteria.

“orcoa” is an innovative device that quickly and accurately detects oral bacteria using the PCR method by just 3 steps, which was also used in COVID-19 testing. We aim to establish a new oral examination system to support people’s “oral health.”



Supporting Medical Care in a Super-Aged Society with Proprietary GLEIA Technology

Immunosens Co., Ltd.

We are developing biodevices for rapid point-of-care testing using our unique “GLEIA” technology, which combines immune response and electrochemistry. These ultra-compact devices, which offer the simplicity of immunochromatography with the high sensitivity of large-scale testing equipment, are helping to improve health and disease management at home, as well as the quality of home visits and telemedicine. This time, we focus on the “heart failure pandemic,” a concern in the super-aging society. We invite you to experience a slightly more abundant and healthy society of the future through product demonstrations and videos explaining our measurement principles.



From Dentistry! Challenge to Prevent Fractures

MEDIA Co., Ltd,

Using AI software to analyze panoramic X-ray images taken at dental clinics, dentists can now evaluate fracture risk. Osteoporosis affects a very large number of patients and in most cases, patients have no subjective symptoms. A new medical collaboration begins where dentists evaluate fracture risk and refer patients to medical doctors for early detection of osteoporosis, improving people’s quality of life (QOL).



Resona Mirai Color ~Summer~ Metropolis of the Future

Reborn Challenge
Implementation Body

Resona Bank, Limited
Kansai Mirai Bank, Limited
The Minato Bank, Ltd
Saitama Resona Bank, Limited

The second of Resona Group's four exhibitions is "~Summer~ Metropolis of the Future." Summer brings to mind blue seas, green mountains, and strong sunlight. Protecting these natural environments is important from an SDGs perspective. Therefore, the summer theme is SDGs/Environment. Please come to the venue with excitement about "This might be what it's like!" for the metropolis of the future coexisting with the natural environment.

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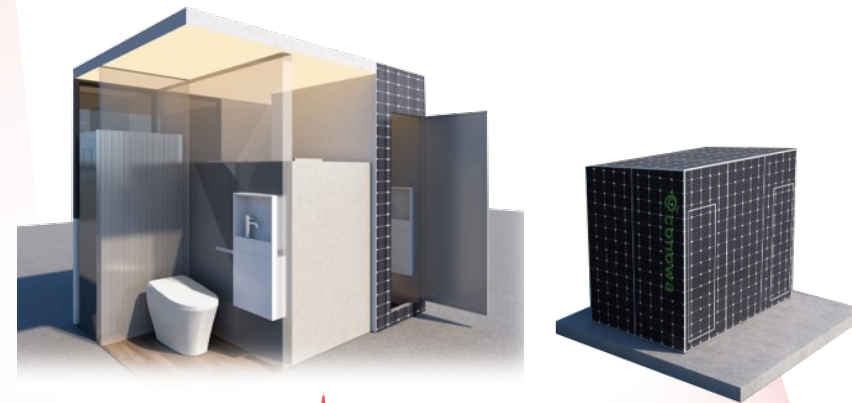
Special Website



Rediscovering the Importance of "Water," the Origin of Life

SOUGOMIZU INSTITUTE, LTD.

We will introduce technology that "visualizes the invisible" using the latest survey and analysis equipment, and deepen understanding of the importance of "measurement" in environmental analysis through testing experiences. Visitors can also experience a "Digital Aquarium" where fish they draw come to life swimming in a large-screen water world. A polluted sea where fish have lost their vitality. Then, fish in white coats appear to conduct investigations, and when they restore the sea to its original beautiful state, fish and coral regain their vitality, and the fish drawn by children swim happily too - this story unfolds within the booth.



Clean Toilets Anywhere

TI plus holdings, Inc.

The future-type toilet "Econowa" cleanly regenerates and circulates wastewater using natural forces. The uniquely developed and manufactured porous filter material "Volcanite" serves as a habitat for bacteria, and appropriate decomposition by microorganisms occurs in the treatment tank. Using the power of Volcanite and microorganisms, it treats wastewater to an almost colorless, odorless, and sterile state.

Farms of the Future, Electricity of the Future Realizing a Resource Circulation System

SANWA ELECTRICAL ENGINEERING CO.,LTD.

Located in the reclaimed land of Kasaoka City, Okayama Prefecture, "Kabuto Bio Farm Power Plant" is a resource-recycling power plant that generates biogas power using cow manure collected from seven farms, meeting local power demands. In the exhibition, we convey the importance of resource circulation to children who will lead the future.



Creating a Society Where Environmental Issues Can Be Contributed to in Daily Life "Equation of the Future"

IBS Inc. / Behomal, Co., Ltd

In our "Equation of the Future," we aim to solve social issues through various technological additions and multiplications. By combining technology that creates electrical energy from glucose and oxygen through biomass fuel cells, and DAC technology where plastic tableware mixed with biomass CO2 absorption additives directly absorbs and desorbs CO2 from the air, we realize an ecosystem that achieves resource, energy, and CO2 circulation cycles.

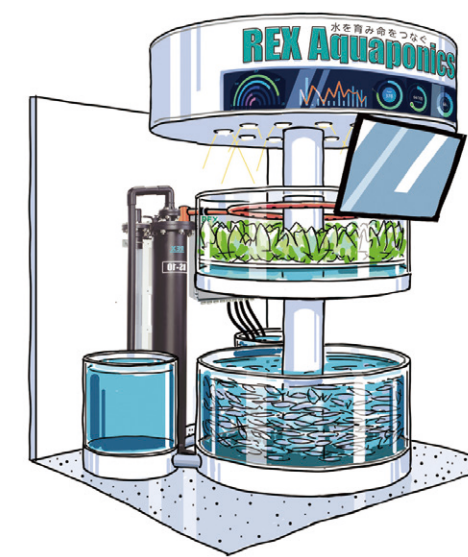


Eco-Friendly Circular Agriculture and Fishery Growing with the City

REX INDUSTRIES CO.,LTD.

"Rex Aquaponics" is a system that combines fish farming with plant cultivation to achieve water circulation.

Using proprietary oxygen dissolution technology, the system enables large-scale fish farming where space may be limited. Furthermore, the introduction of an IoT management system reduces the operator's workload and fatigue. Through these initiatives, our objective is to achieve efficient and environmentally-conscious food production, while at the same time proposing a new model for urban aquaculture.



Non-Electricity Wastewater Tank Using Natural Principles



Kansaikako Co., Ltd.

We will exhibit a demonstration of "DMR (Non-Electricity Wastewater Tank)," a recycling system that utilizes natural principles to treat domestic wastewater using microbial activity without electricity. The treated water can be used as organic fertilizer for crop cultivation, making it a future-type recycling system that could contribute not only to water pollution improvement but also to poverty reduction.

An Everlasting life of a Plastic

FURUTANI SYOTEN Co., Ltd. / DORYOKU Co., Ltd.

Chemical recycling technology, known as "Pyro Renergy," allows the transformation of waste plastics into new plastics, restoring their value as a reusable resource. This innovative approach promotes the efficient circulation of limited resources, contributing to environmental sustainability and preserving a beautiful world for future generations.



Achieving Both "CO2 Reduction" and "Oyster Production"! Environmentally Friendly Aquaculture of the Future

Novelgen Co., Ltd.

Phytoplankton absorb CO2 while proliferating, and oysters grow using phytoplankton as a nutrient source. Utilizing this food chain, we aim to achieve both high-quality oyster production and climate change countermeasures by farming oysters using CO2-absorbing phytoplankton as feed. We will introduce aquaculture technology of the future that contributes to CO2 reduction while improving oyster quality using CO2.

Circulating Washing Machine where Water is not Disposed of.

Wash-Plus Co., Inc.

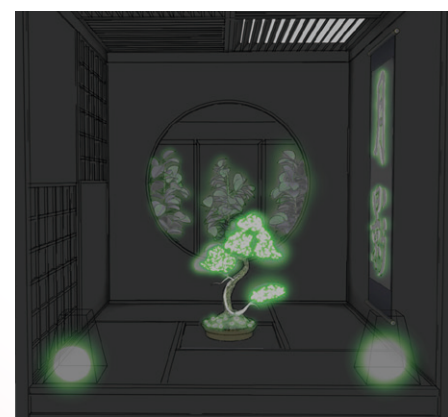
We created an allergen-free washing system using "wash+ Water," alkaline ion electrolyzed water specially developed for laundry. Since wastewater from this washing system contains no synthetic chemicals, the idea that wastewater could be filtered and reused for washing led to the development of a circulating washing machine where water is not disposed of. Because it can wash without connecting to water and sewage systems, it can be used not only in disaster areas and regions with limited water resources but can also be installed anywhere.



Experience a Japanese Tea Room faintly Lit by "Light-Emitting Plants" That Need No Electrical Power Supply

LEP Inc.

We developed autonomous glowing plants by incorporating a gene set necessary for bioluminescence into plant genomes, where luminescent proteins and luminescent substrates are naturally synthesized in cells and react to emit light. Using this technology, we will exhibit a Japanese tea room illuminated by "Light-Emitting Plants" that emit soft, faint light continuously, like fire flies and luminous mushrooms.



Innovations Embedded in the Space for a Wellness Lifestyle:

The Office Committed to Physical Health and Beauty

Reborn Challenge
Implementation Body



To promote our future model of wellness, we will showcase products and services in the workplace that make it easy to monitor physical health, helping people become aware of sedentary habits and their health condition without any strain. These offerings also promise enhancements in muscle strength, physical performance, and beauty benefits.

[Contact]

Contact Window: Life Science Promotion Section/Sports Industry Promotion Section
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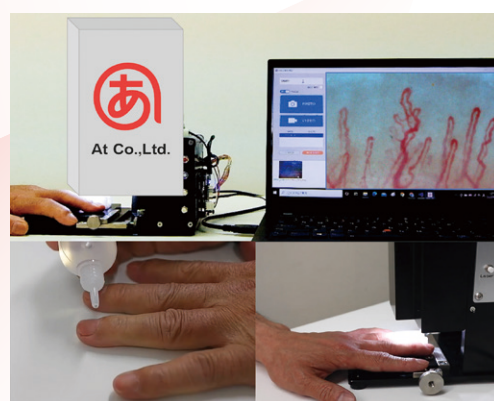
Special Website



“Pre-disease” Visible Through Capillary Microscope

AT CO., LTD./
Ancient Tree Co.Ltd./
HNC Co.Ltd.

Capillary microscopy allows you to quickly and easily measure and analyze capillary shape and blood flow without the need for blood sampling. It detects future risks of blood vessel-related diseases and lifestyle-related diseases, and visualizes the pre-disease conditions in daily living spaces and habits.



*Myocardial cell image

“The Gold Standard for Cell Adhesion” Essential for Regenerative Medicine

MATRIXOME, Inc.

In regenerative medicine, cells must be cultured and expanded outside the body. However, cells will not survive unless they adhere to a surface, such as a dish or flask. We will introduce “iMatrix” which provides an essential adhesive environment, supporting cell attachment and preventing cell loss during culture.

AI Food Advisor Robot Suggests Lunch Menu Just for You!

wellcle Inc.

Our company has been working on health data analysis and health guidance for over 20 years. The AI Food Advisor Robot which is connected to the new system 'W' recommends a lunch menu for you.



Fun Future Training for Fall Prevention and Muscle Strengthening

RASCAL's/TechFirst Leaders Co., Ltd./You Style

“AR BALANCE GAME” is a future training system aimed at the pre-senior generation (40s-60s) for fun and safe fall prevention and muscle strengthening. Natural training of balance sense and muscle strength through games utilizing AR (Augmented Reality) technology.

“Your Skin Gas Reveals Your Inner Health”

AIREX Inc.

Skin gas analysis provides valuable insights into health conditions and stress, contributing to the design of more comfortable and well-balanced working environments.



Analyzing Body “Sounds” to Contribute to Health Management

YANCHERS Inc.

We will exhibit how stress and physical condition changes can be intuitively understood through graphs by analyzing body temperature, breathing sounds, and electrocardiogram. We also introduce a small device that displays health conditions by transmitting vital data to your smartphone when attached to the right chest.

Fighting the Aging Monster! Wellness Warriors HAKALUNGER

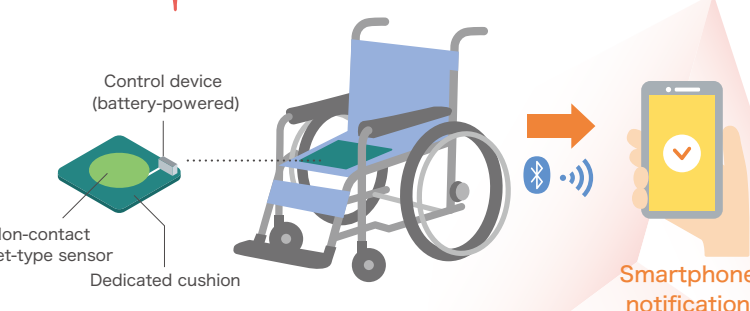
PITTAN Inc./Cykinso, Inc./Genequest Inc.

By combining sweat analysis by PITTAN, gut microbiome testing by Cykinso, and genetic testing by GeneQuest, we offer advanced cross-analysis for personalized health insights. Through this technology, we propose tailored lifestyle improvements to help extend healthy life expectancy and enhance QOL (quality of life) by making cutting-edge healthcare a part of everyday life.

Visualize Oral Condition with “Age” and “Score”!

J-Support Co.,Ltd

With this system, the dental beauty age quantifies oral beauty, while the oral health age quantifies oral health condition in terms of “age.” Through these analyses, we support you in recognizing your own health and taking the first step toward the era of 100-year life.



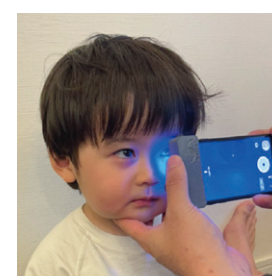
HappinessCorporation Co.,Ltd.

“Non-contact Diaper Sensor/’ Mi-Rack’ ” is a device that detects excretion/urination using temperature and humidity sensors and notifies smartphones. It supports comfortable daily life by eliminating the need for frequent excretion/urination checks. With its thin design, it can be used easily and hygienically.



OUI Inc.

The “Smart Eye Camera” is a medical device that enables ophthalmological examinations anytime and anywhere, by simply adding the attachment to a smartphone. Our aim is “to reduce worldwide blindness by half” through our device that delivers eye care to all who are in need.



“Reducing Worldwide Blindness by 50%” Ophthalmological Care Using Smartphones

Analyze Muscle Quality in 1 Minute! Predicting the Body of the Future

Muscle Blueprints, Inc.

The musclePhone: A revolutionary way to assess muscle quality in just 60 seconds. With our compact and inexpensive device, simply standing up from a chair provides you with a comprehensive assessment of your muscle health. We envision a world where monitoring muscle health is as common as checking your temperature, thereby offering scientific support for longevity and vitality.



Taste Device of the Future that Enhances “Deliciousness” through Electrical Stimulation

UBeing Inc.

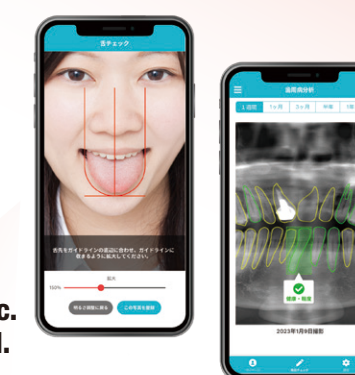
Through “umaiNa” using electrical stimulation via skin, we aim to create a world where healthy eating habits and fulfilling dining experiences coexist by making reduced-salt foods more delicious. We are developing this in collaboration with hospitals, building evidence.



A Wellness Platform for Overall Health through Oral Care

Milplateaux, Inc.
Medibo Co., Ltd.
IDDK Co., Ltd.

We are pleased to introduce “MIERU,” an AI-powered app that analyzes tongue hygiene, bad breath, articulation and more. We aim to show how this technology paves the way for future medical care that seamlessly integrates dentistry. By combining daily self-assessment data with dental examination results, we have created a platform that supports overall health through oral care.



Innovations Embedded in the Space for a Wellness Lifestyle: The Office Aimed at Mental and Cognitive Health



To promote our future model of wellness, we will present products and services that enable effortless sensing and monitoring of mental and brain health in the workplace. These innovations allow individuals to enjoy personalised experiences based on the information detected.

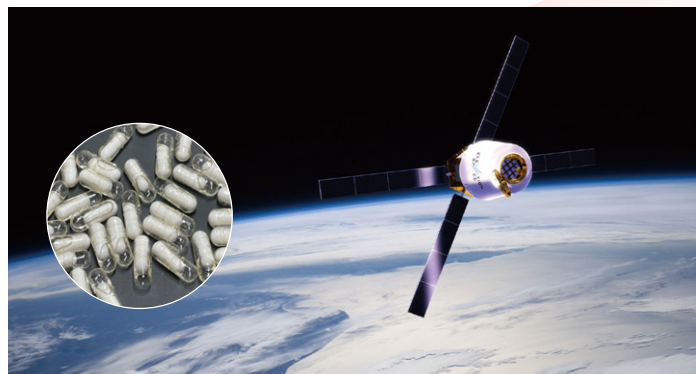
[Contact]

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Special Website



Change Your Gut Microbiome and
Work Comfortably Even in Space!?



NERON Inc.

We are researching and developing live bacterial capsules containing "Gut Microbiome cocktails" for mental well-being. Also, focusing on the possibility of stress care in space, we plan to launch a satellite experiment carrying capsules.

Reproducing "Natural Light" Indoors to
Regulate Biorhythm

**GREEN UTILITY CO., LTD./
E-SPIRIT CO., LTD**

The sunlight LED lighting "Myo-Ou" uses light that fuses violet LED and phosphor technology/experience to automatically adjust optimal light color and brightness according to time, creating a comfortable environment from waking to sleeping. By reproducing light close to sunlight, it supports physical and mental health by regulating the body clock.



Realizing Safe and
Comfortable Office
Space with 3 Types of Ozone

Tamura Teco Co., Ltd./Xen Design Works.inc

We introduce how to utilize three types of ozone products - "Ozone Gas," "Ozone Water," and "Ozone Fog (under development)" - for various spaces like offices, kitchens, and washrooms. Contributing to people's health through technology utilizing ozone.

Past, Present, and Future
Stress Can Be Known from Hair?!

EVCARE Corp.

We measure "mental health" from biomarkers accumulated chronologically in human biomaterials like hair and nails. Supporting healthy mind and body building by measuring and predicting past, present, and future health levels.



Daily "Listening Stimulation" for a Vibrant Life

Pixie Dust Technologies, Inc.

"Gamma waves" are brain waves related to memory and consciousness. By listening to sound processed by TV speakers equipped with "Gamma Wave Modulation Technology" co-developed with a pharmaceutical company, gamma wave induction can be expected.



Mirai Innovation Research Institute

"Brain Wave Sensing VR Relaxation" senses users' brain waves and selects the optimal relaxation space from five environments in real-time. You can experience 360-degree view relaxation spaces while sitting in a comfortable chair.

It would be amazing if you could still rock
the latest shoe designs at 90 years old



**VIVIANA NOVANTA Inc./
Sunpac Co., Ltd./JDWA**

You can know your posture, walking type, walking age, and healthy/beautiful legs score through Toyoda Gosei's uniquely developed AI sensor insoles and walking analysis linked with Hamany's insoles that blend into daily life and assist walking. Based on analysis results, we provide optimal walking exercises and advice to support mind and body beauty and health.

Creating a world where
no one fears cancer.

michiteku Co., Ltd.

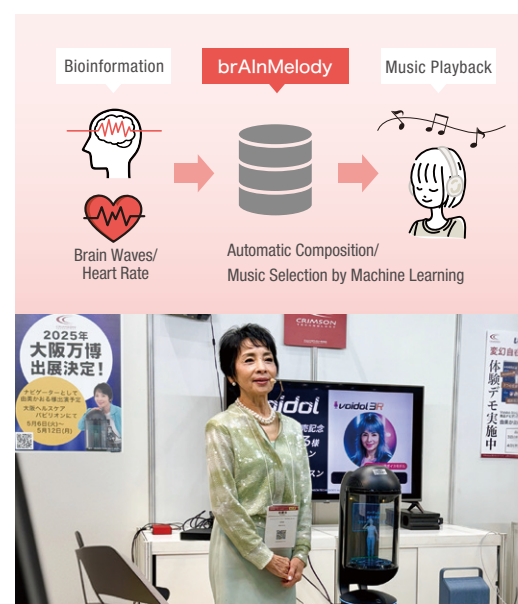
We develop systems that provide optimal information in real-time based on each cancer patients' cancer type, treatment status, and concerns using AI and machine learning algorithms. We aim for a society where cancer patients and those around them can spend time comfortably together.



Measuring Relaxation Level by Accessing
Brain Information through Ears

CyberneX Co., Ltd.

The earphone-type brain wave meter "XHOLOS Ear Brain Interface" quantitatively visualizes relaxation level from brain waves. It can be used in various scenes like product development, sales/business sites, providing new possibilities for utilizing brain waves in daily life.



Creating Healthy Next-Generation
Office Spaces with
Biosignals × Music × Breathing

**CRIMSON TECHNOLOGY, Inc./
Made Born Japan Inc.**

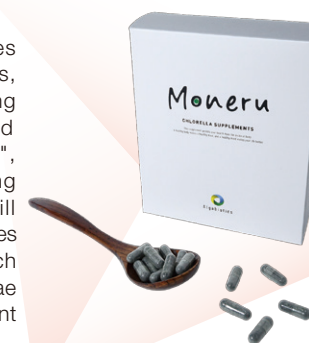
We will exhibit a next-generation healthcare experience that can be enjoyed through the eyes and ears, combining "brAlnMelody" which provides appropriate music based on measured biosignals, and "Breathing," a respiratory technique practiced by actress Kaoru Yumi.



More Algae in Daily Life!
Microalgae Supporting the Future of
Health, Food, and Environment

Algal Bio Co., Ltd

We take on societal challenges such as people's health issues, food crisis, and global warming through the research and development of "microalgae", which has also been attracting attention at the Expo. We will introduce the unlimited possibilities of algae by sharing our research on a diverse range of microalgae and our unique algae supplement "Moneru".



Analyzing Snoring from Sleep Data and Living Habits,
Providing Countermeasure Advice

oneA Co., Ltd.

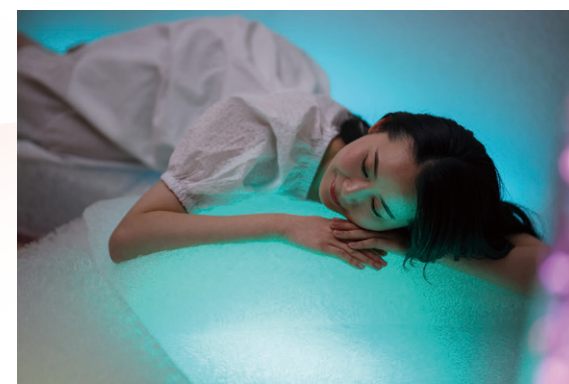
Using a dedicated device and app to analyze sleep patterns, we provide your personalized snoring solution. When snoring is detected during sleep, it encourages turning over as a temporary snoring countermeasure. Also, this app manages daily sleep data and lifestyle records, analyzing snoring. As a result, it provides personalized snoring countermeasure advice, leading to comfortable sleep.



Balancing Mind and
Brain by Stimulating
Five Senses

PAS Corporation

We propose "Sensory Interior Office" that stimulates the five senses through materials that comfortably regulate the body, music that regulates the autonomic nervous system, comfortable light, fragrance, etc., promoting stress reduction and fatigue recovery.



Rethink

Decarbonization Initiatives starting in Towns: Towns and Society, Lifestyles of the Future

Experience SDGs While Enjoying Fashion

WEFABRIK Inc.

The amount of clothing discarded and incinerated worldwide in one year is about 300 billion pieces. We transmit content that can solve this serious problem while having fun. In addition to introducing upcycled products from canceled items (products whose orders were canceled) in Bangladesh, revived through local craftsmen's hand embroidery by the brand "yoshiokubo" which participates in the Paris Fashion Week, we present the possibilities of sustainable fashion through content such as our vision of future sustainable fashion.



FC Osaka Achieves "Social Reborn" by Becoming a Regional Society HUB

F.C. Osaka Co., Ltd

We will introduce how FC Osaka becomes a HUB connecting with town factories, shopping districts, the entire town, and regional people and companies from the stadium, and how it works on solving social issues and realizing a decarbonized society within this context. We advocate that when one soccer club becomes a node connecting people, government, companies, and various stakeholders that would not intersect otherwise, people, things, and matters connect, realizing social issue solutions, a decarbonized society, and "Social Reborn."

Measuring EV (Electric Vehicle) Battery Capacity and Deterioration in Just 30 Seconds



Goiku Battery CO., LTD.

We can measure EV (Electric Vehicle) battery capacity and deterioration in just 30 seconds. By 2030, battery diagnosis will be required for waste batteries discharged in large quantities from EVs. Diagnostic technology for selecting whether to reuse or recycle waste batteries will become indispensable technology in a decarbonized society. Also, battery diagnosis is essential for maintenance of secondary batteries used in everything from drones, electric kickboards, to mobile devices. Our company has completed this technology and equipment ahead of the world.

For Sustainable Development of Humanity! Energy Revolution through Laser Fusion



EX-Fusion Inc.

Our company is advancing technology development toward commercialization of "laser fusion." By causing nuclear fusion reaction between deuterium and tritium (isotopes of hydrogen), enormous energy equivalent to 8 tons of oil can be obtained from 1 gram of fuel. We will conduct exhibitions focusing on "laser fusion power generation technology" which we aim to realize by accelerating research in Suita City (Osaka Prefecture) and Hamamatsu City (Shizuoka Prefecture) to realize this innovative technology. We will explain the mechanism of laser fusion power generation and the future it creates in an easy-to-understand way through panels and videos. We will introduce the high potential of sustainable energy originating from Japan.

Reborn Challenge
Implementation Body

Osaka Shoko Shinkin Bank

"Decarbonization" is one of the most critical challenges in designing future society for our lives.

As responsible members of today's society, we have a duty to build a sustainable world for future generations.

At Expo 2025, we will showcase "OSAKA DOKECHI TECHNOLOGY."

This initiative highlights the cutting-edge technologies and innovative efforts of Osaka's proud small and medium-sized enterprises (SMEs) and startups in achieving a decarbonized society. "DOKECHI" embodies the spirit of cherishing resources, using them for a long time, and finding joy in eliminating waste.

Through this exhibition, we aim to make decarbonization feel more familiar while envisioning how our everyday "cities" and "lifestyles" will transform over the next 30 years.

[Contact]

Contact Window: Corporate Planning Department

TEL : 06-6267-2865 E-mail : keieikikaku@osaka-shoko.co.jp

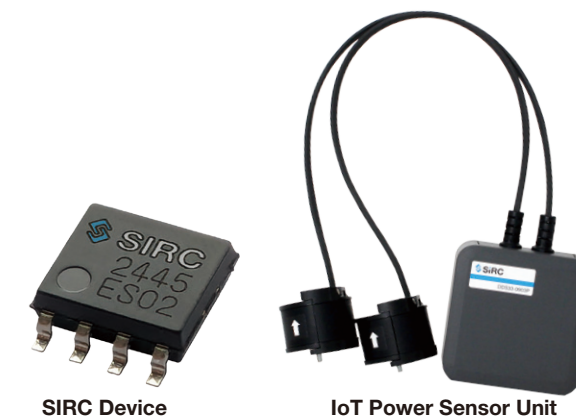
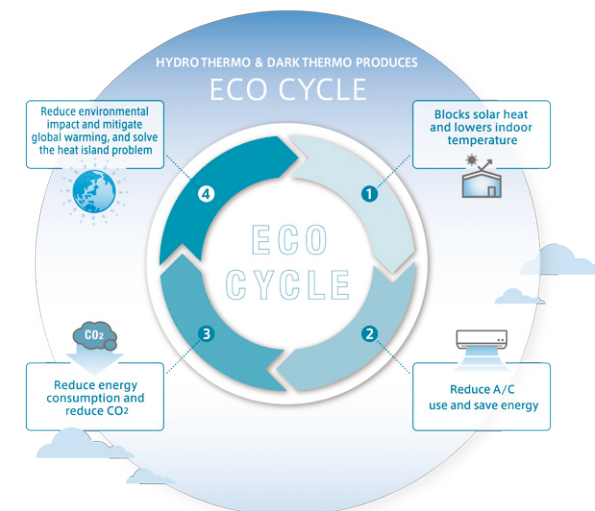
Special Website



Let's Repaint the World Sustainably! Possibilities of Paint for Realizing a Decarbonized Society

OPTIMUS Inc.

We will introduce innovative heat-shielding insulation paint that generates energy by absorbing sunlight while heat-shielding and insulating. This "paint technology of the future" enables self-generation of energy for air conditioners while suppressing air conditioner usage, leading to reduction of CO₂ emissions, a cause of global warming. We will present the future possibilities of paint by allowing you to actually see and touch the temperature difference and CO₂ emission reduction effects of using heat-shielding insulation paint.



Attach to Power Cable in 5 Seconds! Effortless Energy Management for Anyone

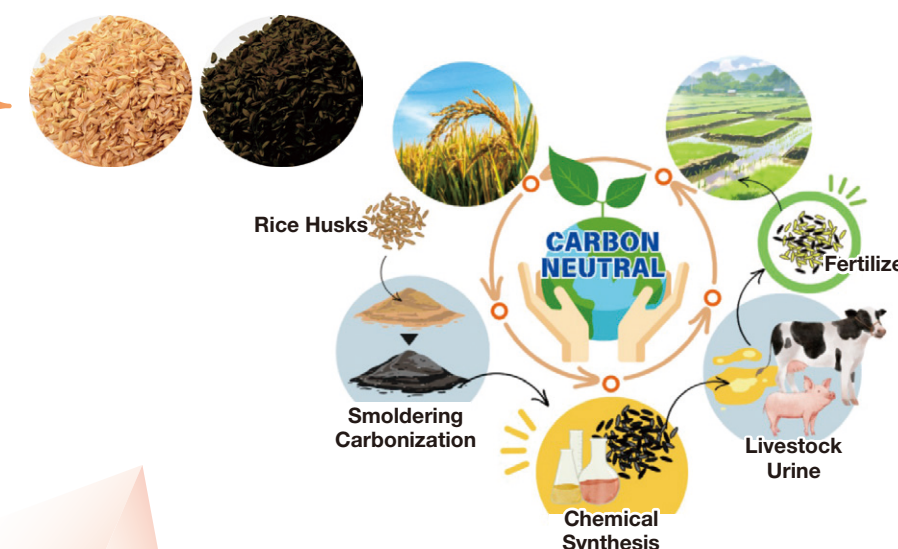
SIRC Co., Ltd.

We will exhibit a power visualization system utilizing the "SIRC Device", measuring 5 mm square in size. While our "IoT Power Sensor Unit" is well-received for use in plants and factories, we will reapply its technologies to household use and introduce a novel form of energy management in this exhibition, which can achieve power visualization by simply attaching to a cable in just 5 seconds.

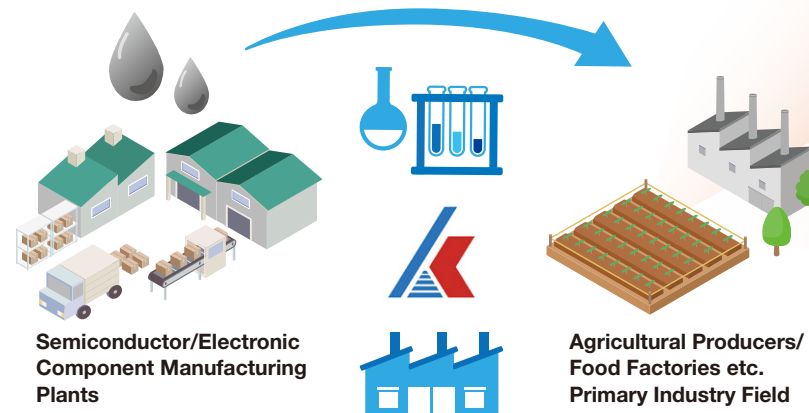
The Fusion of Agriculture, Livestock, and Chemistry Bringing a Circular Economy from Osaka to the World

Nakamura Choukou Co., Ltd.

The rice and flour we enjoy every day generate byproducts like rice husks during processing before they reach consumers. These byproducts, however, can be repurposed—when carbonized, they serve as soil conditioners, and when treated to aluminosilicate, they function as ion-exchange materials. By showing how these materials can be transformed and put to practical use, we hope to inspire greater awareness of decarbonization.



Recovering Nitrogen Resources from Waste Liquid



Circulating Digital MEGURU Flower Circulating Resources

Kotoku Cleaner Co., Ltd.

We will introduce efforts to recover nitrogen resources by processing waste liquid generated from semiconductor/electronic component manufacturing plants and processing its wastewater. The recovered nitrogen resources contain no heavy metals other than nitrogen as the main component and are expected to be used in primary industry fields as low-carbon fertilizer. In the exhibition, in addition to videos and panels, we will display flowers grown with nitrogen resources recovered from waste liquid, allowing rediscovery that resources exist in familiar "seeds."

Originating in Osaka! Futuristic Living:

—Be the Most Excited and Interested Metropolis in the World

Reborn Challenge
Implementation Body

The Senshu Ikeda Bank, Ltd.

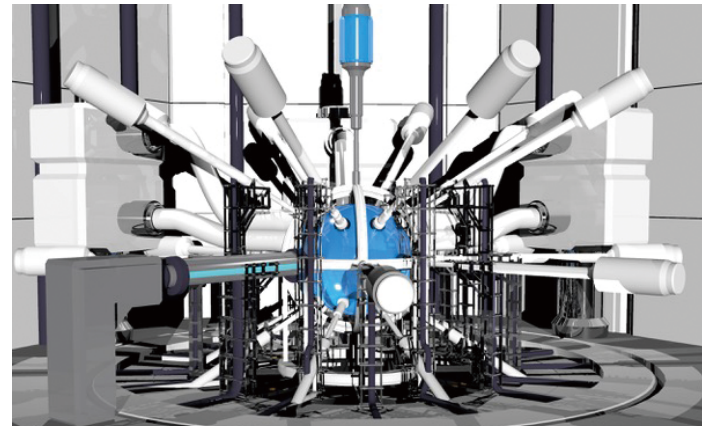
The future vision of Osaka imagined by entrepreneurs who create a bright and fun future will be expressed, broadcasting “excitement” and “fun” from Osaka to the world. Using technology from companies developing high-quality products and services that cater to diversifying consumer needs, we will express future life in Osaka centered on “interaction” and “dialogue,” developing content that makes visitors naturally excited and makes them smile.

[Contact]

Contact Window: Regional Co-creation Innovation Department

TEL : 06-6310-7766 E-mail : expo2025@sihd-bk.jp

Special Website



Changing Our Future with Lasers

EX-Fusion Inc.

Spotlighting laser application technologies born in the process of technology development for commercialization of laser fusion, we explain industries and futures created through laser application through panels and videos. We present the high potential and application possibilities of laser processing technology patented by our company.

Dietary Fiber (Cellulose) Will Change the World

Delico Japan Co.,Ltd

“Soap Bubbles Made Only from Edible Ingredients” safe for infants and pets. “Fire Retardant Made Only from Edible Ingredients” that can help suppress forest fires worldwide. Through various products using dietary fiber (cellulose), such as gluten-free bread and sweets without allergen substances, we will introduce the possibilities of dietary fiber (cellulose).

Comfortable with Bridal Carry! Hammock Robot

Muscle Corporation

We will exhibit a “Hammock Robot” that you can relax in at home like in the living room. It can also support transfers between bed and chair/sofa/wheelchair by gently lifting like a bridal carry, allowing comfortable living even for those who have difficulty walking independently due to poor health or injury.

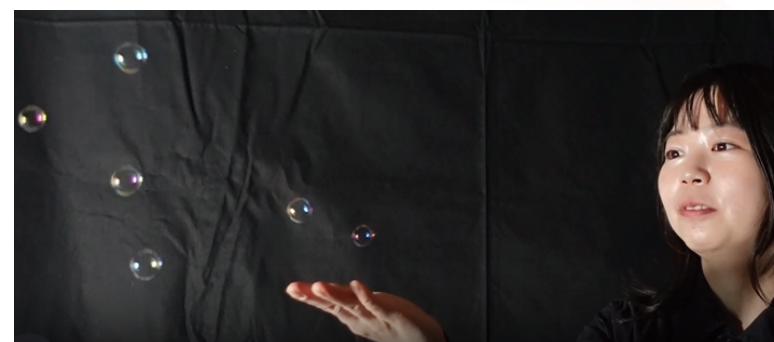


Powering the Future— Wirelessly and Remotely

Space Power Technologies Inc.

We will demonstrate the long-distance wireless power transfer system that we developed in Kyoto, Japan. A radio-wave transmitter on the ceiling delivers power via radio waves to mini-robots and other electronic gadgets placed on a table about 2 meters below. These devices perform actions even without wiring or batteries!

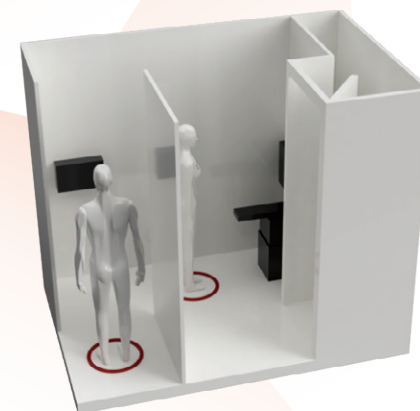
Our exhibition is designed to prevent radio-wave leakage, as it is safely shielded by a radio-wave shielding film applied to transparent acrylic panels. This ensures that no radio waves will reach visitors, keeping you completely safe.



“Door of the Future” That Notifies Body Changes

Union Co., Ltd.

Our proposed “Door of the Future” watches over your daily health. Instantly measures body temperature, pulse, blood pressure, etc. in a “non-contact” way through sensing. Manages daily data and immediately notifies when abnormal values are confirmed, encouraging hospital treatment. By preventing illness in advance, our “Door of the Future” wishes to realize a life filled with health and smiles.

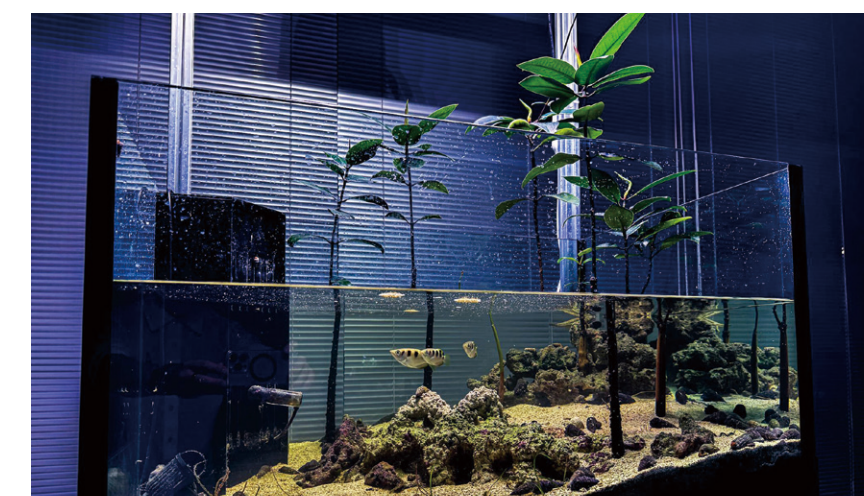


If You Could Freely Attend Schools Around the World, What Kind of School Would You Like to Learn At?



With The World Inc.

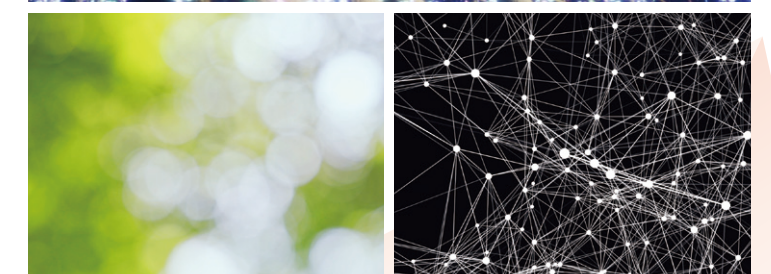
We are planning an exhibition where you can peek into and simulate the classes and life at schools in 67 countries using visual information projected on cutting-edge screens that make it feel like you’re taking classes in the school setting, and acoustic technology that lets you hear sounds from 360°. We aim for a future where various types of education can be received without being bound by country or residential area.



Experience Real Mangrove Environment Realized through “Biosphere Transfer Technology®”!

Innoqua Inc.

Using “Biosphere Transfer Technology®” combining an aquarium and AI/IoT, we reproduce any environment in a water tank. You can experience tides and the lives of creatures that accompany them right before your eyes. Mangrove forests have shown recovery trends over the past 20 years through planting and conservation activities. However, their area is still decreasing by about 1% every year, and we aim to contribute to biodiversity conservation by conveying their charm and importance.



Time Travel to 50 Years in the Future as a Microorganism

Sunlit Seedlings Ltd. / STUDIO TEC.co.,ltd

How should we create the forests of 50 years in the future? We will exhibit a space where you can experience future forest creation with five senses from human, creature, and scientific perspectives, using technology to visualize biological diversity networks and visual production technology to express environments from the perspective of living organisms.

New Sensory Art Brought by “Scent” That You Can Touch, Smell, and Be Healed By

Kuboi Ink Co.,Ltd.

We will conduct an interactive art exhibition using “scent printing” technology. By stimulating not only vision but also tactile and olfactory senses, we provide a new form of experience where all people can deeply interact with art. Through this project that fuses tradition and innovation while considering sustainability, we aim to create universal emotion transcending barriers of era and culture.



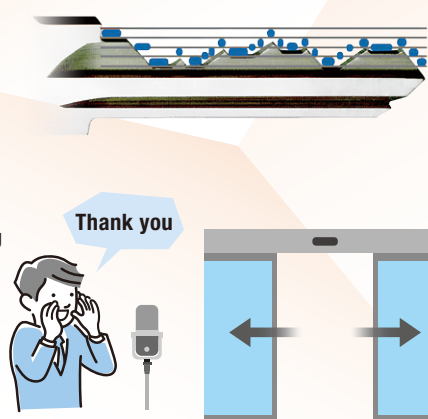
Let's Create the Future of Humans, Things and Digital Together:

—Transform Manufacturing of Osaka into Digital Based

A World Where Your Own Words Become the Key "Open Sesame" Has Been Realized

WEST inx Inc.

We provide a new experience that captures sound and words as waveforms and converts them into key roles. It's a mechanism where when you speak Osaka dialect toward the microphone, those words are converted into waveforms, and if the intonation matches, the door opens. By using "sound" instead of physical keys, PIN codes, or fingerprint authentication to lock and unlock doors, we propose a new style of key that overturns conventional wisdom.



Realizing a Plastic-Free World with 100% Paper Material Origami Products

OUTSENSE inc.xOmikenshi Co.,Ltd

We are advancing development aiming to replace containers using plastic with 100% paper materials and realize containers for liquids like water and oil with 100% paper materials. We also introduce 100% paper material exhibition fixtures for the exhibition decoration industry. By combining OUTSENSE inc.'s folding engineering with "MAGNATURE" developed by Omikenshi Co., Ltd. using 100% paper materials, we contribute to plastic reduction.



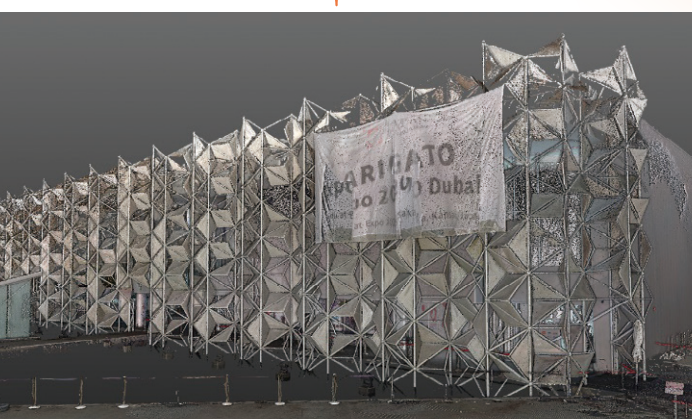
Fusion of Digital Technology and Traditional Craftsmanship 100-Year-Lasting Manufacturing

HAGURUMA Co., Ltd.

Through multi-color letterpress printing, we present a wall-wide art piece featuring 72 types of cards with motifs symbolizing traditional good luck, strong relationships, and protective charms. Feel the warmth of paper through touch and admire the vivid colors, overprinted in up to 12 layers. Experience the unique analog value of this era, born from the fusion of digital precision and craftsmanship.



Digitalizing Shinra-Bansho



KUMONOS Co., Ltd.

Digitalizing World Heritage sites using "3D point cloud data" technology utilized in architecture and civil engineering fields. Leveraging our track record of acquiring over 3,000 point cloud data sets, we aim for high-precision point cloud data to be utilized in all fields in the future, transmitting digital twins through cutting-edge technology to the world.

Realizing through Fusion of Technology, Development Capability, and Digital Manufacturing Site "Society 5.0"

VESSEL CO., INC.

We exhibit "tools," "peripheral devices," and "storage" that assist engineers and mechanics working in factories of the future, imagining maintenance of "flying cars" to be operated at the Osaka Expo. Through video, see how tools become convenient through digital technology, how AI functions, and how safe, comfortable work without human error is realized.



Reborn Challenge
Implementation Body

The Senshu Ikeda Bank, Ltd.

Experience a space that lets you feel the "manufacturing site" of the future in Society 5.0. Through the use of digital technology, focusing on manufacturing within an ever-changing industrial landscape, we aim to develop content that allows visitors to experience the future of manufacturing by showcasing both companies pursuing digital transformation (DX) and startups providing such technologies, expressing this as "The Manufacturing Site of the Future."

[Contact]
Contact Window: Regional Co-creation Innovation Department
TEL : 06-6310-7766 E-mail : expo2025@sihd-bk.jp

Special Website



Packaging Technology of the Future Considering the Environment

NissiN SeaL Industry Co.,LTD.

We will exhibit packaging products made of single materials that enable chemical recycling (recycling that returns materials to the same raw materials) which is normally difficult due to composite materials. Also, "shrink bottle" using shrink film normally used only for labels as part of the container can reduce the total amount of resin in the container and uses biomass-derived materials. This is packaging material of the future considering the environment.



Automatic Generation of AI Teaching Data Using Cutting-Edge Generative AI Technology



DATAGRID Inc.

We build digital twins of factory interiors using the latest generative AI technology. In this exhibition, focusing on product data digitalization, when developing "visual inspection AI" that automates inspection processes, we build big data for AI development by using generative AI to generate diverse and massive amounts of good/defective product image data needed in large quantities. We will introduce how visual inspection AI is automatically built by automatically generating teacher data (training data) most important for AI development.

A Society Where Digital Twins of Factories and Manufacturing Processes Are Implemented in the Real World

Hutzper Inc.

Through a large-scale simulation video envisioning a "small-scale factory equipped with cutting-edge technology," we provide an immersive space where visitors can experience the future of manufacturing.

This is not a far-fetched "smart factory" concept but a realistic portrayal of how future factories will evolve in real-world settings.



A hybrid world of manufacturing that fuses analog and digital.

TOHO INTERNATIONAL INC.

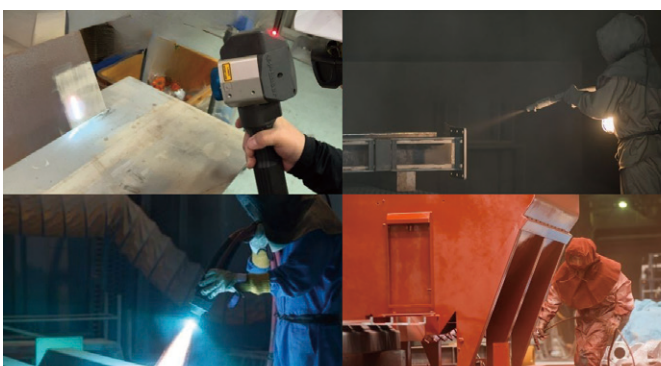
To showcase our vision of "old but coolish" future manufacturing using IoT service technologies applied to aging manufacturing equipment, we have created a demonstration using wire based Rube Goldberg apparatus. By visualizing the flow of IoT data through rolling silver balls, we aim to make IoT easy to understand and engaging, leaving visitors with the impression that it is "cool".



Site of the Future Where Manufacturing Craftsmen Shine Even More

Tokai Spring industries, Inc.

We believe that the manufacturing sites of the future will not be inorganic where AI and robots replace craftsmen's work, but rather because it will be a world where AI and robot technology will have developed, craftsmen will be able to concentrate on high-value-added, high-difficulty product making, and their value will be increasingly sought after. We will introduce the "manufacturing site of the future" that produces high-value-added spring products through craftsmen's manual techniques while utilizing the latest sensing technology and AI.



Protecting Japan's Infrastructure! Making the Impossible Possible in "Elevated Work"

Shinmen Tekko Co., Ltd.

Maintenance after completion of giant steel structures like the Akashi Kaikyo Bridge is a major challenge, and especially surface inspection and repair are difficult for humans, and current technology cannot fully protect them. Therefore, we show the possibility of realizing what was previously impossible by evolving and combining existing robot, AI, laser, and other technologies.

Let's Envision the Society Everybody Lives Comfortable:

—The Lifestyle and Workstyle in the Future

Reborn Challenge
Implementation Body

The Senshu Ikeda Bank, Ltd.

We will create a space where people can enjoy experiencing the near future envisioned by companies working toward realizing "Well-being." Using technologies and services of companies active in solving social issues related to ways of living and working, such as gender issues and employee health maintenance, we express "near-future society and workplaces where anyone can live easily" and hope that the exhibit will become an opportunity leading to more fulfilling lives for visitors by experiencing future lifestyles.

[Contact]

Contact Window: Regional Co-creation Innovation Department

TEL : 06-6310-7766 E-mail : expo2025@sihd-bk.jp

Special Website



Easily Measure "Brain Health" at Street Photo Booths



Ai-BrainScience inc.

Combining our eye-tracking cognitive assessment technology-based brain health measurement app "MIRUDAKE" with Dai Nippon Printing Co., Ltd.'s photo booth concept, we propose a new solution for easily measuring brain health on the street. By making brain health measurement more of a day-to-day experience, we want to contribute to extending healthy life expectancy across society.



A Gentle and Compact Sensory Room for People with Disabilities

Lean on Me Inc.

A "sensory room" is a space designed to help users feel calm and at ease by gently engaging the five senses through carefully managed lighting and acoustics. By bringing together our expertise in disability welfare with Panasonic's cutting-edge lighting and acoustic technologies, we have developed a gentle sensory room that places minimal strain on individuals with so-called "invisible disabilities," including intellectual, developmental, and mental impairments. This inclusive environment will be showcased at the venue, offering visitors a firsthand experience of its soothing and supportive atmosphere.

Simple, Quick, Non-invasive Analysis Device Blending into Daily Life



PITTAN Inc.

While analysis devices have traditionally been used mainly in research institutions like universities, "Dream Machine" is a dream analysis device that can blend into all scenes of life. We provide a completely new inner care experience where anyone can easily analyze sweat components on the spot and receive analysis results.

AI-Equipped Chair Predicts Your Health Future in 3 Minutes!



"Promoting our future health with AI" SARAYA & LAiF

The "Time Machine for Health" combining Saraya Co., Ltd.'s blood vessel function measurement technology chair and LAiF Co., Ltd.'s AI disease onset prediction system predicts users' future health. By sitting in the chair for simple questioning and measurement, it quantifies lifestyle disease risks and healthy life expectancy. Shows causes of disease onset different for each individual and provides hints for prevention.

A Life Free from Presbyopia and Myopia with Auto-Focus Glasses of the Future!

Elcyo Co., Ltd.

From the desire to help people live stress-free lives untroubled by presbyopia and myopia, we are developing wide-view auto-focus glasses. Equipped with large-aperture Fresnel-type liquid crystal lenses for eyeglasses, Osaka University's technology, and adjusting vision in real-time through proprietary wavefront control technology. Realizing eye-friendly, fatigue-resistant design.



Changing Future Medical Examinations! Periodontal Disease Risk Diagnosis Test with Saliva

Fiber Medicine Inc.

We will introduce medical examinations of the future utilizing "periodontal disease risk diagnosis tests" that can test just by submitting saliva during medical examinations without going to dental clinics. Through exhibits where you can learn about the dangers of periodontal disease and importance of oral hygiene in a fun way, we propose new healthcare that contributes to early detection of periodontal disease, QOL (quality of life) improvement, and medical cost reduction.

Very Easy, Allowing Testing At Regular Medical Examination!!



Medical Examination +

Saliva

Aiming to Create a Society Where Everyone Finds Joy in Raising Children



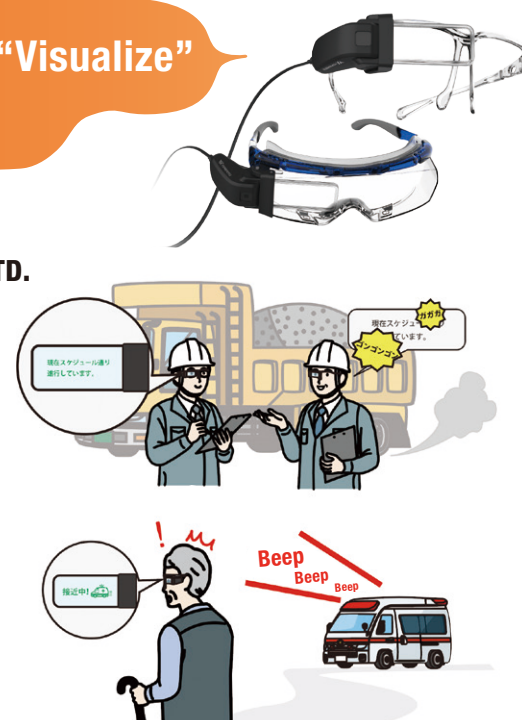
BABY JOB CO.,LTD.

The pregnancy experience system "MommyTummy" is an innovative system that realistically reproduces fetal movements and body temperature changes at each stage of pregnancy through electromagnetic valve control technology, a compressed air system, and warm water circulation technology, etc., allowing experience of pregnancy sensations and physical changes. We provide opportunities for men, children, and various people to learn about the joys and hardships experienced by pregnant women.

Smart Glasses that "Visualize" Sound Information

YAMAMOTO KOGAKU CO.,LTD.

"Versatile" smart glass device that displays information overlaid on actual scenery through the display in the optical unit part. We also pay close attention to frame design for comfortable long-term wear. Our eyewear of the future not only protects eyes from ultraviolet rays and flying objects but also changes people's lives to be richer and more exciting by providing various information.



Communication Revolution of Vision and Hearing through Technology

Ubitone, Inc.

We are developing information transmission systems that support the lives of deafblind and visually impaired people, such as "Ubitone Glove" worn on hands and "Ubitone Foot Navi" worn on feet to read information. By experiencing these devices, we aim to deepen understanding of disabilities and take a step toward drawing a society where everyone can live easily.

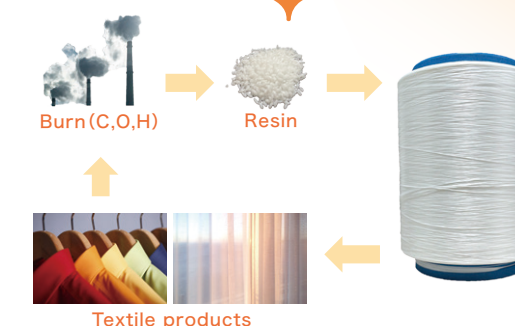
"Clothing" of the Future Responding to Climate Change



IIDA SENKO CO.,LTD

We will exhibit cool mantles utilizing special processing technology "COOLSYNC (patented)" with moisture absorption and heat absorption effects that protect from heat, and specially processed clothing that repels mosquitoes that transmit diseases like malaria. Also, we will introduce the past to present journey of dyeing technology passed down over many years and the transition of future dyeing methods through video.

"Thread Made from Air" New Chemical Fiber Not Relying on Oil



Marui Textile Machinery Co.,Ltd.

In the fiber industry, environmental pollution problems are a concern as petroleum-derived synthetic fibers are used in most products. In such circumstances, we are developing sustainable fibers using polyacetal resin (POM resin) as raw material, which is expected to be manufactured from CO2 and H2 in the future. Going forward, we aim to realize a stable mass production system and production cost reduction, enabling introduction as an alternative to existing synthetic fibers.

Future Lifestyle

～ Smart Room ～



STUD LINE FASNER

We will exhibit AI-equipped home collaborative robots and automatic transport machines that support daily housework.



Nara Medical University/ TRA COMPANY LTD./ Hologram CO., Ltd.

We will introduce a scouter (single eye wear) type wearable device with built-in vital sensors and communication functions.



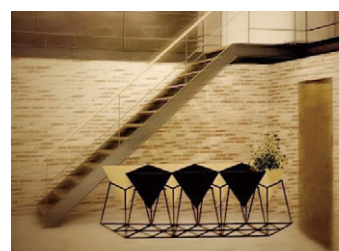
Earth Blue CO.,LTD

We are introducing a life-saving water purification system as a next-generation disaster solution. We will exhibit drone-transportable technology that quickly provides safe water to even the most inaccessible areas.



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

Earthquake-resistant capsule "Sphere Secure" that protects from disasters utilizing spherical shape. Inside the capsule, you can also experience a disaster simulation using VR.



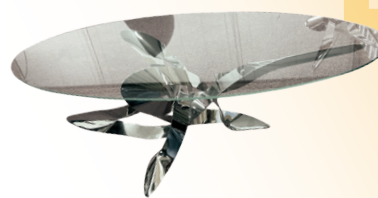
TAMURA CORPORATION

Technical high school students' ideal! We will exhibit an upcycled high counter utilizing waste materials from factories and 3D printing.



KIMURA CO., LTD.

We will exhibit furniture pursuing comfort with functional beauty design that is easy to repair, reuse, and dispose of, and kind to the earth, made using only single material "rattan" as much as possible.



NODA Metal Working Industry Ltd.

We will exhibit designer furniture produced under the supervision of contemporary artist Masaaki Noda, utilizing advanced stainless steel processing technology.



NADAYA Inc.

We will exhibit sustainable leather items through technology that utilizes scratches and wrinkles that are normally discarded as "leather expressions."



KOZAN-YA Co., Ltd.

Retro nostalgic toys become next-generation toys with AR technology! Games that can be enjoyed by people of all ages using smartphones.

Reborn Challenge
Implementation Body

The Osaka City Shinkin Bank

As a space where future society's lifestyles can be felt, companies bring together products that could be implemented in the future where the SDGs are achieved, aiming for exhibitions/displays where visitors can imagine and experience "lifestyles of the future." By coordinating by living space and theme, we aim for easy-to-understand, impressive exhibitions for visitors.

[Contact]

Contact Window: Enterprise Support Department

TEL : 06-6201-2946 E-mail : expo2025-op@osaka-city-shinkin.co.jp

Special Website



Spiral no Tanaka Inc.

We analyze body balance condition from body temperature and present body improvement proposals through spiral taping therapy and dietary methods.



Momotani Juntanken Ltd.

We propose skincare of the future utilizing wearable devices that can constantly monitor skin condition (jointly developed with Kobe University).



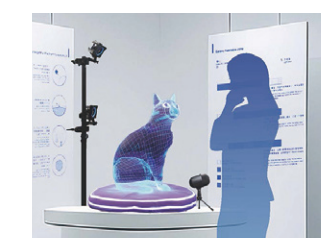
tashikani-plus co., Ltd.

We will conduct experiential exhibitions of "Mind Circuit" where health behaviors suited to a person's personality and behavioral tendencies can be known just by answering questions.



Rehabilitation 3.0 Co., Ltd.

We are developing an AI app that predicts motor ability, cognitive ability evaluation and fall risk by analyzing vital data during sleep.



WAVE LTD.

We will exhibit a demo version of a system that performs health checks through communication with AI avatars via 3D holograms.

Experience



Maenaka Sports Co., Ltd.

We will introduce a program that visualizes seven abilities that control movement using XR technology and improves motor ability through play.



ImaCreate Co., Ltd.

We will conduct experiential exhibitions of skills training systems utilizing VR that can lead to learning effects equal to or greater than reality.



EST Co., Ltd

Industrial materials reborn as furniture! We will exhibit the stool "obi" upcycled from seat belts of discarded vehicles.



Switchstance Inc.

We will introduce an all-in-one pass case for the cashless era that can store various cards and car remote keys.



Forest Packs Co., Ltd

Iced drink sugar that instantly dissolves in cold drinks. We will introduce eco-friendly sugar in paper packaging that can be used instead of sugar syrup.



Koga Software Company Inc.

We will exhibit the "Physical Function Checker" which analyzes and measures a person's motor function level using AI by performing simple movements in front of a webcam.



VisGene, Ltd.

Home-use easy periodontal disease detection kit "VisPerio." Early detection and prevention of periodontal disease can be expected by collecting samples and performing analysis using the latest technology.



Kawakita Co., Ltd./ International Professional University of Technology in Osaka

Addition of weight measurement function etc. to bags that can hold children! We will exhibit prototypes updated to near-future style.



TW PLAN Inc.

We will exhibit a new "size measurement application" applying the site survey app "room me" for builders and renovation companies.



Uedayushi Co., Ltd.

Centered on 100% waste cooking oil-derived biodiesel alternative fuel "ReESEL," we will introduce how waste cooking oil is useful in society.



K.K. TECHNOFRONT

With "Techno Clean Cube," which reuses powder from used disposable hand warmers, ferrous ions(Fe2+) react with and detoxify sludge in water. Contributing to water quality improvement.



Skill Systems Co.,Ltd.

We will introduce a system where anyone can diagnose health conditions anywhere using AI and the internet based on information (cell morphology) obtained from one drop of blood.



TOPACK CO.,LTD.

We contribute to the reduction of food loss by extending the expiration date with our "packaging technology" cultivated as a packaging machinery manufacturer.



SAKAIGAWA INDUSTRY Co., Ltd.

We will exhibit a hydrogen storage alloy tank (mockup) that can safely and compactly store hydrogen that is expected to be used for next-generation energy.



Koga Machine and Robotics/ TANAKA ELECTRIC.CO.,Ltd.

A transfer device that allows moving from one bed to another by remote control while lying down without straining the body.



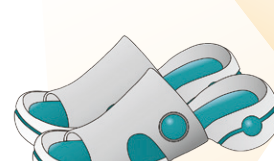
Taiyo Co.,Ltd

We propose new eco-friendly interior by upcycling scraps of antibacterial/antifungal sheet "Ki ni Nuru Nioi Tori" ("Removal of Problem Odors") and discarded natural material rice straw.



Plus Co.,Ltd

Contributing to environmental conservation with "toothbrush that returns to nature" using 0% plastic with natural wood and natural hair.



Regeta Co., Ltd

We will exhibit future room sandals that change shape sensing body temperature and fit users' feet.



plust Co., Ltd

We propose rich lifestyle with beloved dogs and future-type symbiotic society under the themes of "food," "health," and "life."



MANNRYU Co.,Ltd. & Osaka Metropolitan University

We will introduce SAF (Sustainable Aviation Fuel) derived from plant oil made from coconuts jointly developed with Osaka Metropolitan University.



Next Create Co.,Ltd.

We developed a coating agent for wallpaper utilizing a "photocatalyst" that expresses with sunlight and electric lights. It is expected to keep interiors and exteriors hygienic.



Yamato co.,Ltd

We will introduce a high-output heater "ALHYPER" that contributes to energy saving and CO₂ reduction, and "Pure Box" that builds a low moisture/low oxygen environment.



Teikokuion.Co,Ltd

"Ultra-thin composite copper foil" realizing weight reduction and strength improvement. Plays an important role in electric vehicle battery development.



SEIWA TOOL Co.,Ltd

We will exhibit high-strength fuel injection device parts utilizing long-cultivated forging technology and bioenergy fuel injection devices with high environmental performance.

Expo 2025 Osaka, Kansai, Japan Osaka Healthcare Pavilion “Reborn Challenge” Exhibiting Companies List

(*) indicates consortium name.

4.13(Sun) - 4.20(Sun)Resona Mirai Color ~Spring~ Future Healthcare

Special Website▶

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> P.04

Implementation Body

Resona Bank, Limited [Kansai Mirai Bank, Limited, The Minato Bank, Ltd., Saitama Resona Bank, Limited]

Exhibiting Companies

Immunosens Co., Ltd.
ORCOA Co.,Ltd
KUBIX Inc.

Gellycle Co., Ltd.
BRAIN Co.,Ltd.
MITAKA KOHKI Co., Ltd.

MEDIA Co., Ltd.
MORECOSMETICS Inc.
RAY CREATION Co.,LTD.

Renato science,inc.

4.21(Mon) - 4.28(Mon)Resona Mirai Color ~Summer~ Metropolis of the Future

Special Website▶

QR

> P.06

Implementation Body

Resona Bank, Limited [Kansai Mirai Bank, Limited, The Minato Bank, Ltd., Saitama Resona Bank, Limited]

Exhibiting Companies

IBS Inc.
Wash-Plus Co., Inc.
LEP Inc.

Kansaikako Co.,Ltd.
SANWA ELECTRICAL ENGINEERING CO.,LTD.
SOUGOMIZU INSTITUTE, LTD.

TI plus holdings,Inc.
DORYOKU Co., Ltd.
Novelgen Co., Ltd.

FURUTANI SYOTEN Co., Ltd.
Behomal,Co.,Ltd
REX INDUSTRIES CO.,LTD.

4.29(Tue) - 5.5(Mon)Innovations Embedded in the Space for a Wellness Lifestyle: The Office Committed to Physical Health and Beauty

Special Website▶

QR

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Implementation Body

The Osaka Chamber of Commerce and Industry

Exhibiting Companies

IDDK Co., Ltd.
AIREX Inc.
AT CO., LTD.
welicle Inc.
HNC Co.Ltd.
Ancient Tree Co.Ltd.

OUI Inc.
Cykinso, Inc.
Genequest Inc.
J-Support Co.,Ltd
TechFirst Leaders Co., Ltd.
HappinessCorporation Co.,Ltd.

PITTAN Inc.
Muscle Blueprints, Inc.
MATRIXOME, Inc.
Milplateaux, Inc.
Medibo Co., Ltd.
YANCHERS Inc.

You Style
Ubeing Inc.
RASCAL's

5.6(Tue) - 5.12(Mon)Innovations Embedded in the Space for a Wellness Lifestyle: The Office Aimed at Mental and Cognitive Health

Special Website▶

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Implementation Body

The Osaka Chamber of Commerce and Industry

Exhibiting Companies

Algal Bio Co., Ltd
E-SPIRIT Co., Ltd
EVCARE Corp.
VIVIANA NOVANTA Inc.
GREEN UTILITY CO., LTD.

CRIMSON TECHNOLOGY, Inc.
CyberneX Co., Ltd.
Sunpac Co.,Ltd.
Xen Design Works.inc
Tamura Teco Co., Ltd.

JDWA
NERON Inc.
PAS Corporation
Pixie Dust Technologies,Inc.
michiteku Co., Ltd.

Mirai Innovation Research Institute
Made Born Japan Inc.
oneA Co., Ltd.

5.13(Tue) - 5.19(Mon)Rethink Decarbonization Initiatives starting in Towns: Towns and Society, Lifestyles of the Future

Special Website▶

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Implementation Body

Osaka Shoko Shinkin Bank

Exhibiting Companies

WEFABRIK Inc.
EX-Fusion Inc.

F.C. Osaka Co., Ltd
OPTIMUS Inc.

Goiku Battery CO.,Ltd.
Kotoku Cleaner Co., Ltd.

SIRC Co., Ltd.
Nakamura Choukou Co., Ltd.

5.20(Tue) - 5.26(Mon)Originating in Osaka! Futuristic Living: Be the Most Excited and Interested Metropolis in the World

Special Website▶

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Implementation Body

The Senshu Ikeda Bank, Ltd.

Exhibiting Companies

Innoqua Inc.
With The World Inc.
EX-Fusion Inc.

Kuboi Ink Co.,Ltd.
Sunlit Seedlings Ltd.
STUDIO TEC.co.,Ltd

Space Power Technologies Inc.
Delico Japan Co.,Ltd
Muscle Corporation

Union Co., Ltd.

5.27(Tue) - 6.2(Mon)Let's Create the Future of Humans, Things and Digital Together: Transform Manufacturing of Osaka into Digital Based

Special Website▶

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Implementation Body

The Senshu Ikeda Bank, Ltd.

Exhibiting Companies

OUTSENSE inc.xOmikenshi Co.,Ltd(*)
WEST inx Inc.
KUMONOS Co., Ltd.

Shinmen Tekko Co., Ltd.
DATAGRID Inc.
Tokai Spring industries, Inc.

TOHO INTERNATIONAL INC.
NissIN SeaL Industry Co.,LTD.
HAGURUMA Co., Ltd.

Hutzper Inc.
VESSEL CO., INC.

6.3(Tue) - 6.9(Mon)Let's Envision the Society Everybody Lives Comfortable: The Lifestyle and Workstyle in the Future

Special Website▶

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Implementation Body

The Senshu Ikeda Bank, Ltd.

Exhibiting Companies

Ai-BrainScience inc.(*)
IIDA SENKO CO.,LTD
Promoting our future health with AI" SARAYA & LAIF()

Elcyo Co., Ltd.
PITTAN Inc.
Fiber Medicine Inc.

BABY JOB CO.,LTD.
Marui Textile Machinely Co.,Ltd.
YAMAMOTO KOGAKU CO.,LTD.

Ubitone, Inc.
Lean on Me Inc.

6.10(Tue) - 6.16(Mon)Future Lifestyle ~ Smart Room ~

Special Website▶

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Implementation Body

The Osaka City Shinkin Bank

Exhibiting Companies

Earth Blue CO.,LTD
Armored-Products Co., Ltd.
ImaCreate Co., Ltd.
WAVE LTD.
Uedayushi Co., Ltd.
EST Co.,Ltd
Kawakita Co.,Ltd./International Professional University of Technology in Osaka(*)
KIMURA CO.,LTD.
Inc.KDP
KOZAN-YA Co.,Ltd.
Koga Machine and Robotics /TANAKA ELECTRIC.CO.,Ltd. (*)

Koga Software Company Inc.
SAKAIGAWA INDUSTRY Co., Ltd.
Switchstance Inc.
Skill Systems Co.,Ltd.(*)
STUD LINE FASNER(*)
Sparkle and, Inc.
Spiral no Tanaka Inc.
SEIWA TOOL Co.,Ltd
Taiyo Co.,Ltd
tashikani-plus co., Ltd.
TAMURA CORPORATION

TW PLAN Inc.
Teikokuion.Co,Ltd
K.K.TECHNOFRONT
TOPACK CO.,LTD.
NADAYA Inc.
Nara Medical University/TRA COMPANY LTD./Hologram CO., Ltd.(*)
Nikken Technos Inc.
Next Create Co.,Ltd.
NODA Metal Working Industry Ltd.
VisGene, Ltd.
Forest Packs Co., Ltd

FUJI MEDICAL INSTRUMENTS MFG. CO., LTD.
Fuji Package Co., Ltd.
Plus Co.,Ltd
plust Co.,Ltd
Maenaka Sports Co., Ltd.
MANNRYU Co.,Ltd. & Osaka Metropolitan University(*)
Momotani Juntanken Ltd.
Yamato co.,Ltd
Rhino Japan Inc.,
Regeta Co., Ltd
Rehabilitation3.0 Co., Ltd.

You can also check exhibiting companies on the Expo 2025 Osaka, Kansai, Japan Osaka Healthcare Pavilion “Reborn Challenge” special website.

