

Co-creation Project for Future Fashion based on Sustainability

Reborn Challenge
Implementation Body

The Osaka Chamber of
Commerce and Industry

Kansai Fashion
Association. co-op

This project aims to carry forward the spirit of collaboration that defines Osaka's textile and fashion industries while fostering interaction across various sectors. This synergy will lead to the rebirth of new values, inspiring the creation of innovative ideas and products. These achievements will be widely showcased to society through the Osaka-Kansai EXPO as sustainable initiatives that bridge the past with the future.

Special Website



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Shoes that Float in Mid-Air

Regeta Co., Ltd. /
YAMAMOTO CORPORATION

We will exhibit "Shoes that Float in Mid-Air," which utilize magnetic repulsion to float and are crafted from special rubber materials. Surely everyone has dreamt at least once of floating in the air. With these shoes that bring a thrilling future to life, we aim to provide walking enjoyment while also considering their application in the caregiving field for individuals with weakened legs and feet in the future.



Rainbow-colored Clothes for the Future Diverse Society

bluorange / Care Fashion Co., Ltd. /
YAMAMOTO CORPORATION

We will exhibit "Space Dresses" designed based on the fashion imagined for people living in space. By utilizing optical illusions, we have incorporated a form that naturally complements the male skeletal structure and materials that change color with the viewing angle, resulting in "seven transformations" of color. By incorporating the rainbow, a symbol of diversity, we aim for a future where everyone can enjoy fashion freely, transcending boundaries of age and gender.



Car Airbags Transform into Clothing

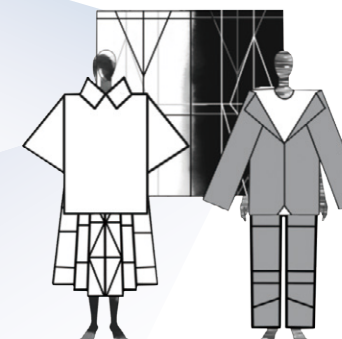
OSAKA INSTITUTE OF FASHION /
Yoshimura Industry co.ltd,

We will exhibit a suit made by repurposing car airbags. Inspired by origami, Osaka Institute of Fashion students designed a concept where changing the folding method of a single piece of cloth transforms it into either a shirt or a jacket. At the venue, through this exhibition, we present sustainable fashion for the future, including material reuse and reducing clothing waste.

Suit that Transforms Through Jet-Black Dyeing

OSAKA INSTITUTE OF FASHION /
Kyoto Montsuki Inc.

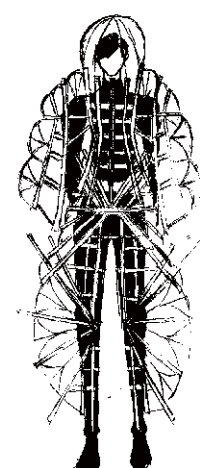
We will exhibit a suit that undergoes transformation through "Kyo kuromontsuki zome Dyeing," a traditional Japanese craft technique, where it is dyed black. By dyeing the suit, it takes on a different appearance before and after, allowing you to continue enjoying it without discarding it. Along with showcasing the enjoyment of sustainable fashion, we will also pass on traditional Japanese techniques to the next generation.



Clothes that Envelop Air

Care Fashion Co., Ltd. /
YAMAMOTO CORPORATION

We will present "Clothes that Envelop Air," designed to enclose the body within an air dome, ensuring air circulation and incorporating functionality for temperature regulation and oxygen supply. The suit inside is designed to be easy for anyone to put on or take off, and also offers blood circulation promoting features. As global warming and air pollution progress, how will "air" change and how will our lives be affected? Through this exhibition, we aim to provide an opportunity to reflect on the importance of "air," which is essential to everyone.



WakuWaku Zone

YOSHIDA., LTD. /
YAMAMOTO CORPORATION

We present "Hats that Envelop Air," created by imagining a future spent in the air. These hats have a unique double-layered structure, where a rubber hat shaped to perfectly fit the head is wrapped with soft fabric. We aim for a future where hats serve as a catalyst for conversation and smiles, regardless of changes in the times and the environment.



Hats that Envelop Air

Solar-powered Loom



OSAKA INSTITUTE OF FASHION /
Sankei Meriyasu co.,ltd.

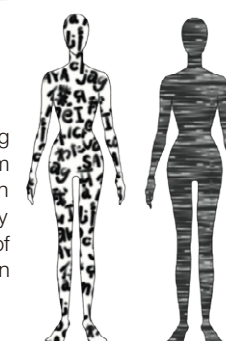
We will introduce the loom used to create the clothes exhibited in the "KuruKuru" Zone. This vintage loom, which is currently only used in parts of Japan, consumes little electricity and can be powered by solar energy. Through this exhibition, we aim to provide an opportunity to think about the future of eco-friendly clothing manufacturing.

KuruKuru Zone

Bodysuit Created by Unraveling Fabric Back Into Yarn

OSAKA INSTITUTE OF FASHION /
Kyoto Montsuki Inc. /
Sankei Meriyasu co.,ltd.

We will exhibit a bodysuit created using a challenging craftsman's skill: unraveling fabric made on a loom back into yarn and weaving it again. This reborn fabric possesses its own unique charm. By introducing this technology, we propose a new way of making clothes that keeps clothing from ending up in landfills and promotes circularity.



Kimono Made From Air

OSAKA INSTITUTE OF FASHION / Marujiyu

We will exhibit a kimono made from fabric woven with "POM fibers," which are eco-friendly synthetic resins created from air components. The surface features a Billiken pattern designed by students at Osaka Institute of Fashion. Through the creation of this kimono, where tradition and innovation converge, we strive to pass on the baton of craftsmanship to the next generation.



Synthetic Leather Made From Inedible Rice

OSAKA INSTITUTE OF FASHION /
TAIYO SYOUTEN CO.,LTD /
HOKKOH CO LTD

We will exhibit clothes made from synthetic leather produced from rice. The raw materials include discarded old rice and rice grown in fields left fallow due to the effects of the Great East Japan Earthquake. Furthermore, waterless printing is used for the synthetic leather flowers blooming on the clothes, and through this exhibition, we present a future of sustainable fashion that is gentle on the Earth.



Photosynthetic Clothing: Kind to Your Skin and the Earth

TOKI SEN-I CO.,LTD. /
Omikenshi Co.,Ltd. /
Matsuo International Corporation /
Momotanijuntankan Ltd.

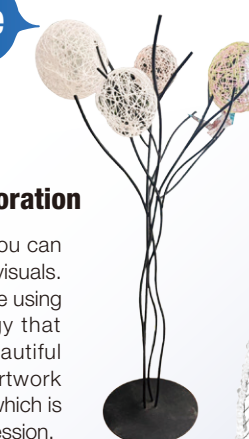
We produce "Photosynthetic Clothing" where plants are embedded in the fabric, expressing symbiosis with nature. The fabric used incorporates a moisturizer with moisturizing effects, and at the venue, visitors can experience the effects of this fiber on their skin through a mini-game that eliminates harmful bacteria that cause skin problems.



Future "Scent" Experience

Momotanjuntankan Ltd. /
Omikenshi Co.,Ltd. /
TOKI SEN-I CO.,LTD. /
Matsuo International Corporation

A future living experience where you can feel "scent" along with sound and visuals. We will exhibit a "fruit" artwork made using yarn and fitted with a technology that releases a scent in sync with beautiful Japanese scenery videos. The artwork offers a new way to enjoy "scent," which is one element of fashion for self-expression.



"Clothing of Hope": Connecting the Next Generation with Peace

Omikenshi Co.,Ltd. /
TOKI SEN-I CO.,LTD. /
Matsuo International Corporation /
Momotanijuntankan Ltd.

We created children's clothing from fabric made from recycled origami cranes sent to Hiroshima and Nagasaki from around the world, expressing hopes for peace. Along with the display of this "Clothing of Hope," the exhibition conveys a message of connecting generations toward peace through the scent of roses and visuals.



"Billiken" that Protects Everyone's Happiness

OSAKA INSTITUTE OF FASHION /
TAIYO SYOUTEN CO.,LTD /
HOKKOH CO LTD / Marujiyu /
ROICE ENTERTAINMENT INC.

"Billiken," a symbol of Osaka, crafted using 3D modeling technology. During the exhibition, he transforms into Cupid and wears clothes made from "kimono fabric created from air" and "synthetic leather made from rice." Come visit this "God of Happiness" adorned in clothes crafted with the latest technologies from Osaka's textile industry.



Explore the Background of Fashion with AR Technology

OSAKA INSTITUTE OF FASHION /
ROICE ENTERTAINMENT INC.

Within the "BillyBilly" zone, by pointing your smartphone at exhibits, you can see the back of the clothes and the details of the fabric in 3D. Through this cutting-edge AR technology, we aim to provide an opportunity to learn about the background of sustainable fashion and think about future fashion trends.



BillyBilly Zone

"Transparent" Clothes?!

Matsuo International Corporation /
Momotanijuntankan Ltd. /
Omikenshi Co.,Ltd. /
TOKI SEN-I CO.,LTD.

We will exhibit a garment that utilizes an optical camouflage technology employing fabric with light-reflecting properties and projectors to project images onto it, making it appear as if it merges with the surrounding scenery like a chameleon. This creates a mystical experience of becoming one with nature.



KiraKira Zone

Protecting the Beautiful Ocean with Biodegradable Plastic

Omikenshi Co.,Ltd. / TOKI SEN-I CO.,LTD. /
Matsuo International Corporation /
Momotanijuntankan Ltd.

We created a "Sea Turtle" artwork made from biodegradable plastic material that decomposes in the ocean. The exhibition aims to promote the idea that replacing conventional plastics with biodegradable ones protects marine ecosystems including sea turtles and combats ocean pollution.

