

## Details of “SusHi Tech Tokyo 2024” Showcase Program Announced (Part 1) Bringing Together Future Technologies; Popular Artist yama to Produce Theme Song



We are pleased to announce the initial details of the "SusHi Tech Tokyo 2024" Showcase Program, which will take place in the Tokyo Bay area in April and May. The program will focus on providing visitors with experiences centered around “Sight,” “Touch,” “Hearing,” and “Taste,” offering a glimpse of the Tokyo of 2050. It will also feature a song, to be produced by popular artist yama, capturing the essence of the event.

SusHi Tech Tokyo 2024 is an international event designed to spark innovation from Tokyo, with the aim of addressing challenges common to cities worldwide and presenting urban models to the global community. The event comprises three programs to be held in the same period: the “City Leaders Program,” attended by leaders from cities from all five continents; the “Global Startup Program,” one of the largest startup events in Asia; and the “Showcase Program,” which is aimed at presenting future urban models to the world.

The Showcase Program will host different programs at four venues — Ariake Arena, the National Museum of Emerging Science and Innovation, Symbol Promenade Park, and the Umi-no-Mori area. These programs will enable visitors to experience a Tokyo of 2050 that combines nature and convenience.

This press release introduces a special live event featuring the artist yama, who will produce a theme song, along with four categories of sustainability-themed content: “Tech,” “Mobility,” “Food,” and “Activity.”

The event is expected to bring vibrancy to the Tokyo Bay area through collaboration with events in surrounding areas. Further details will be posted on the official site as necessary.

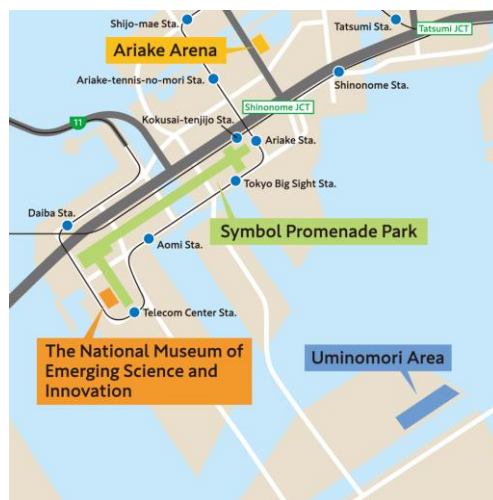
## ■ Four Venues of the Showcase Program

National Museum of Emerging Science and Innovation  
April 27 (Saturday) to May 26 (Sunday)

Symbol Promenade Park  
May 12 (Sunday) to May 26 (Sunday)

Umi-no-Mori area  
May 12 (Sunday) to May 21 (Tuesday)

Ariake Arena  
May 17 (Friday) to May 21 (Tuesday)



## ■ Special Feature

<Special Live Featuring yama>

Since rising to fame with the release of the original song "Haru wo Tsugeru" in April 2020, yama's music has been featured in movies and TV advertisements. The artist will write and compose a new song depicting Tokyo in 2025. At the special live event at Ariake Arena, visitors can enjoy the artist's new song showcased with captivating visual effects utilizing the latest LED Vision technology.



## ■ Sustainability-themed Content

What can we do to create a sustainable society where everyone can lead a comfortable life, while pursuing environmental sustainability, such as reducing resource waste and environmental impact?

The Showcase Program will introduce the latest technologies in various genres, including "Tech," "Mobility," "Food," and "Activity." By allowing visitors to experience initiatives related to their lifestyle, such as reducing food waste and recycling clothes, the program aims to encourage them to take the first step toward a sustainable future with actions that can be easily incorporated into their lives.

\*The content is accurate as of March 8 but is subject to change.

\*The details of the content are described venue by venue in the attachment.

### 1 . Tech: Latest Technologies to Support Livelihoods and Create a Better Future

At Ariake Arena, visitors can experience future technologies such as a simulated experience of the Space Elevator and demonstration displays featuring a robot that people can ride and control. At the National Museum of Emerging Science and Innovation, a robot will deliver a fun presentation envisioning a future where robots play active roles in society. In the Umi-no-Mori area, various initiatives, including projects promoted by the Tokyo Metropolitan Government towards practical applications of the latest technologies, will be showcased.

<Main features>

- The Space Elevator (Ariake Arena)
- On-board Operable Robot (Ariake Arena)
- Robot Presentation (National Museum of Emerging Science and Innovation)

Tokyo Bay eSG Project, Priority Project (Umi-no-Mori area)



Conceptual image of the Space Elevator (Obayashi)

## 2. Mobility: Latest Modes of Mobility with Reduced Environmental Impact; Designed to Provide Enjoyable Rides for All

Visitors can select and test-ride their preferred mode of mobility at Symbol Promenade Park. Demonstrations of a flying vehicle will take place at Ariake Arena, the National Museum of Emerging Science and Innovation, and the Umi-no-Mori area. Additionally, a next-generation mobility solution that blends tradition and innovation will be showcased through a collaboration between Miyamoto Unosuke Shoten, a traditional instrument maker with a history of over 160 years, and RDS, a developer of state-of-the-art products.

### <Main Features>

- Latest Mobility Options (Symbol Promenade Park, Umi-no-Mori area)
- Flying Vehicle (Ariake Arena, National Museum of Emerging Science and Innovation, Umi-no-Mori area)

Next-generation Mobility, Bridging Tradition and Innovation (National Museum of Emerging Science and Innovation and other venues)



UNI-One (Honda Motor)



Poimo (Mercari)

## 3. Food: Eat Better

At Symbol Promenade Park, visitors can indulge in “Zeppin (superb)” gourmet cuisine, which is not only delicious but is also friendly to our planet. Over 20 food trucks and food booths will be available, offering an eco-friendly menu that includes plant-based meat dishes and vegan ice cream made entirely from plant-based ingredients. Additionally, there will be dishes made using substandard vegetables that are not commercially distributed. The menu will be curated in collaboration with food specialists.

At the National Museum of Emerging Science and Innovation, there will be content available for visitors to learn and contemplate about the future of food. This includes the “Obake (ghost) Restaurant,” a projection mapping exhibit showcasing alternative ingredients for meat and seafood. Some of these alternative ingredients will be available for tasting at the Umi-no-Mori area.

### <Main Features>

- Zeppin Gourmet Garden (Symbol Promenade Park)
- Obake Restaurant (National Museum of Emerging Science and Innovation)

Tasting area for sustainable food (Umi-no-Mori area)



Conceptual image of the food area

#### 4. Activity: Let's Learn about a Sustainable Future Through Various Experiences

Workshops will be held at the National Museum of Emerging Science and Innovation, allowing children, who will play a pivotal role in the future, to learn about the invention process and sustainable food ingredients. At Symbol Promenade Park, visitors can experience "Yuru (loose) Sports," which anyone can enjoy regardless of age, gender, or disability. Inclusive activities such as parasports will also be available. Visitors will also be able to take part in creating art pieces using waste materials.

##### <Main Features>

- Children's Invention Class (National Museum of Emerging Science and Innovation)
- Future Invention Entrepreneurship Lecture (National Museum of Emerging Science and Innovation)
- Yuru Sports (Symbol Promenade Park)

Upcycle D.I.Y. (Symbol Promenade Park)



Yuru Sports



### ■ Technology partners (as of March 8, 2024)

For this program, we have teamed up with companies and organizations that endorse its objectives to ensure its success. Technology partners provide the technologies necessary to depict the cities of the future, which visitors will be able to experience. They will also contribute content essential for showcasing the latest food technologies, future gourmet trends, and sustainable food practices.

(List)

ASICS, Ibiden Bussan, Inplanta Innovations, Oisix ra daichi, Osaka University, Division of Biological and Molecular Sciences of Osaka University, Obayashi, Kirin Holdings, CoCooking, World Yuru Sports Association, Tanaka Denki, Chiba Institute of Technology's Future Robotics Technology Center, Superhuman Sports Society, Tsubame Industries, Tristone Entertainment, Nara Institute of Science and Technology, Next Meats, Hakobot, Paramount Bed, PB Systems, Plugo, Plantio, Marubeni, Miyamoto Unosuke Shoten, Mercari, Juchheim, Yukai Engineering (Japanese alphabetical order)  
FOMM, Japan Global Association, KEAN Health, LED TOKYO, LEP, MPLUSPLUS, playknot, Preferred Robotics, RDS, SkyDrive, TANITA, ZMP (Alphabetical order)

### ■ Volunteer recruitment (Apply by March 31)

We are currently recruiting volunteers to guide visitors and assist with venue operations. We invite volunteers to experience, alongside visitors, technologies related to robots, and mobility that support the future of Tokyo, as well as sustainability initiatives such as the use of next-generation energy sources (specifically hydrogen and solar power.) Volunteer activities will take place at various venues, including the Ariake Arena and the Umi-no-Mori area (Sea Forest Waterway), which were venues for the Tokyo Olympic Games 2020. We would be delighted to have many people participate in this event as volunteers and use it as an opportunity to collectively envision Tokyo's future. We welcome your active participation.

\*For more information about volunteer recruitment, please click the link below.

<https://www.sushitechtokyo2024-sc.metro.tokyo.lg.jp/module/booth/228109/187241>



#### ■ For inquiries:

Project Promotion Section, Planning and Coordination Section, Office of the Governor for Policy Planning (in charge of Tokyo Bay eSG Project), Tokyo Metropolitan Government

Regarding the general project, contact Mr. Yokoyama

Regarding the Ariake Arena, contact Ms. Fukuda

Regarding the National Museum of Emerging Science and Innovation, contact Mr. Yokoyama

Regarding the Symbol Promenade Park, contact Mr. Sugimoto

Regarding the Umi-no-Mori area, contact Mr. Maeda

Telephone: 03-5388-2088 (direct),

Email: S00015002(at)section.metro.tokyo.jp

\*The email address has been changed to counter spams. Please replace (at) with @ when using the email address.

Regarding SusHi Tech Tokyo 2024 Showcase Program

PR secretariat: Shimamoto, Shirojima, Kitajima

Telephone: 03-5572-6071

## **【Attachment】**

### **Introducing Content at Each Venue of the SusHi Tech Tokyo 2024 Showcase Program**

#### **(1) Ariake Arena**

Visitors can journey forward in time to the Tokyo of 2050 by passing through a visual passage where future news stories are projected. The visual effects are themed around various aspects of life such as food, clothing, shelter, shopping, and transportation modes, allowing visitors to experience the future thanks to state-of-the-art technologies.



Conceptual image of the main arena.

#### **■ Exhibitions**

##### **● On-board operable robot**

An robot called ARCHAX, that users can ride and operate, will be on display.

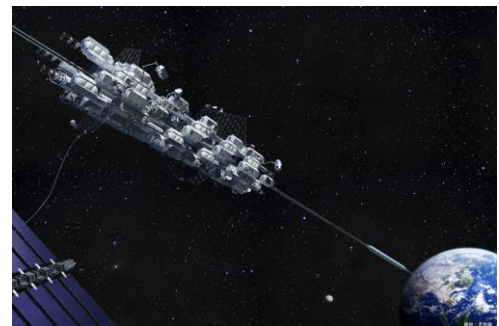
Demonstrations will show how the robot can transform from robot mode to vehicle mode.



THE ARCHAX (Tsubame Industries)

##### **● Space Elevator**

Visitors can experience boarding the Space Elevator, fulfilling their dream of traveling to space as easily as boarding a train.



Conceptual drawing of the Space Elevator (Obayashi)

- Powered Suits

Visitors can experience how they can achieve diverse work styles freely and easily with the assistance of suits or robots that can reduce workload or supplement specific physical abilities.

- Indoor Farming

One of the factors contributing to food shortages is the distance between production and consumption locations. To address this issue, we propose indoor farming, allowing each urban resident to enjoy growing and consuming food.

- Flying Vehicle

Visitors can take a close look at or sit in the driver's seat of the displayed "SD-03" (SkyDrive), a one-seater flying vehicle that has successfully completed a manned public flight, as part of the effort to create a future where people use the sky for daily transportation.

\*The vehicle is for display only, not for demonstration flights.



SD-03 (SkyDrive)

\*To create visual effects for exhibitions within the venue, LED panels (LED TOKYO) are utilized.



## ■ Stage

We showcase the latest technologies in easy-to-understand and entertaining ways through dramas and dance performances.

### ● Original dramas

For children and families, dramas are presented to depict scenes from future daily life in an easy-to-understand way. Two dramas have been produced under the themes of AI and robots, and they are shown at the Ariake Arena.

#### Drama 1: "Invaluable Friends"

Starring Fumino Kimura

Hana, a third-year primary school student and the daughter of Izumi (played by Fumino Kimura), has developed a friendship with an AI-driven friend robot and lives with the robot as though they were siblings. But...



Fumino Kimura

#### Drama 2: "Coach"

Starring Kei Tanaka and Taisei Kido

Akira (played by Taisei Kido) takes up the long jump, inspired by his father (played by Kei Tanaka). After his father's death, Akira practices diligently under a robot's coaching. But...



Kei Tanaka



Taisei Kido

\*Honorifics have been omitted.

- Dance Performance

An original dance performance, choreographed to music played with traditional Japanese instruments, is staged when the latest modes of mobility, blending tradition and innovation, are introduced. Additionally, we will showcase a special stage featuring a fusion of dance and LED visual effects.



LED dance performance (Conceptual image)

- Superhuman Sports

Visitors will be sure to feel the excitement as they witness spectacular next-generation sports, including "HADO," where players manipulate "energy balls" and "barriers" using AR and motion sensing technologies.



HADO (Conceptual image)

## (2) National Museum of Emerging Science and Innovation

Manga characters from Osamu Tezuka's works will serve as guides for visitors as they explore technologies that ignite their imagination, as well as initiatives focused on sustainability and other endeavors poised to transform Tokyo's way of life. Workshops, crafted to translate ideas into tangible forms, will cultivate children's ability to draw inspiration.



Conceptual image of the Exhibition Area

☆ Astro Boy and other characters from Osamu Tezuka's works chosen as official ambassadors!

"The National Museum of Emerging Science and Innovation"  
Venue Ambassadors



**Astro Boy**



**Leo**



**Phoenix**

©TEZUKA PRODUCTIONS

Astro Boy, Leo from Jungle Emperor Leo and other characters, created by Osamu Tezuka, will help foster children's intellectual curiosity. Tezuka's works often depict the preciousness of life and are frequently themed around concepts such as "future," "science," and "life".

## ■ Exhibitions

### ● Obake (Ghost) Restaurant

Prepare to be amazed as seemingly ordinary ingredients transform into meat or seafood before your eyes! Visitors will experience an engaging projection mapping show that illustrates the future forms of food in a fun manner.



Conceptual image of Obake Restaurant

### ● Robot Presentation

Witness a robot deliver a presentation on the roles robots are projected to play in 2050.



\*Some components in the image were provided by Yukai Engineering

### ● Next-Generation Mobility: Bridging

Tradition and Innovation

Miyamoto Unosuke Shoten, boasting over 160 years of history, and RDS, which engages in cutting-edge product development, have joined forces to introduce next-generation mobility.

## ■ Workshops

### ● Children's Invention Class

This workshop is tailored for primary school students, offering them the opportunity to experience the process of invention. They will collaborate with companies to translate ideas into tangible forms, focusing on the themes of "Play," "Tools," and "Food."

### ● 2050 School Reimagined - Leading Educator's Panel

Supervised by Tomohiro Hoshi, head of Stanford Online High School, this session invites participants to collectively envision the future of schools alongside guest speakers.

### ● Future Invention Entrepreneurship Lecture

Designed for middle and high school students, this workshop provides an opportunity to contemplate entrepreneurial ventures that can improve society.

### ● Student Workshop Led by Female Entrepreneurs

This program offers lectures on entrepreneurship, featuring successful entrepreneurs who can serve as role models for students.

## (3) Symbol Promenade Park

The venue offers visitors an opportunity to discover the excitement of the future through experiences such as eating, playing, riding, and buying, while also comparing Tokyo's traditions dating back to the Edo period with the city of the future from various perspectives. The venue will also display artworks created using waste for upcycling.



Conceptual image of the Mobility Area



## <Food> Bringing together Even More Delicious Gourmet Foods that Are Friendly to People and the Earth

### ● Zeppin Gourmet Garden

This is a food festival featuring a lineup of food trucks, popular among young people, offering alternative meats, vegan ice cream, and gourmet food items that are friendly to both the environment and humans. . The festival also includes traditional foods dating back to the Edo period, as well as menus featuring ingredients sourced from Tokyo.



Conceptual images of food items to be offered at the venue.

## <Play> Introducing Forms of Play that Have Evolved since the Edo Period. Visitors can experience "Yuru Sports:" Activities that Can Be Enjoyed by Anyone

### ● Yuru Sports Experience

Visitors can enjoy sports that are accessible to everyone, regardless of age, gender, or disability. Second-hand clothing items are among the resources that will be used during the activities.



Yuru Sports

## <Mobility> Enabling Visitors to Compare the Latest Modes of Mobility through Test-Rides

- Test-riding the Latest Mobility Options

A full lineup of eco-friendly mobility options is available for test-riding. Visitors can choose from a variety of models, including one capable of stable travel at both high and low speeds, as well as an electric option that can be attached to a wheelchair for enhanced mobility.



Striemo (classified as small special vehicle)



Wusa (RDS)

## <Market> A Wide Range of Goods Related to Food, Clothing and Shelter Will Be Available, Alongside Workshops

- Vintage Fashion of the Future

Introducing new styles of fashion items remade from second-hand clothing

- Sale of imperfect vegetables

Vegetables and other food items, typically not commercially distributed due to their irregular shapes, will be available for sale.

- Upcycle D.I.Y.

Workshops will be held to transform waste collected from local companies and other sources into benches and art pieces.



Conceptual image of the Market Area

#### (4) Umi-no-Mori area

In the Umi-no-Mori area, visitors can enjoy a panoramic view of the land, sea, and sky stretching out before them. Taking advantage of its high potential, various forms of advanced technology are being practically used to realize a futuristic city that Tokyo aims to achieve under three themes: “next-generation mobility,” “cutting-edge renewable energy” and “environment improvement and resource recycling.” These undertakings are part of Tokyo’s Priority Project\*. In the area, exhibitions related to the themes will be shown in addition to various content demonstrations and experiences under the guide of Roboko; An animation character from “Boku to Roboko,” Roboko will explain technologies developed in the Priority Project in an easy-to-understand manner.

(\* ) About Tokyo Bay eSG Project, Priority Project

The Tokyo Metropolitan Government is promoting the "Tokyo Bay eSG Project" to conceptualize a sustainable city that combines nature and convenience by focusing on the bay area 50 to 100 years from now. To realize this concept, the Priority Project to practically utilize the latest technologies began in 2022. For details, click the link below.

<https://www.tokyobayesg.metro.tokyo.lg.jp/priorityprojects/>



The conceptual image of the Umi-no-Mori area

☆Roboko, an animated character from “Boku to Roboko”  
chosen as official ambassador

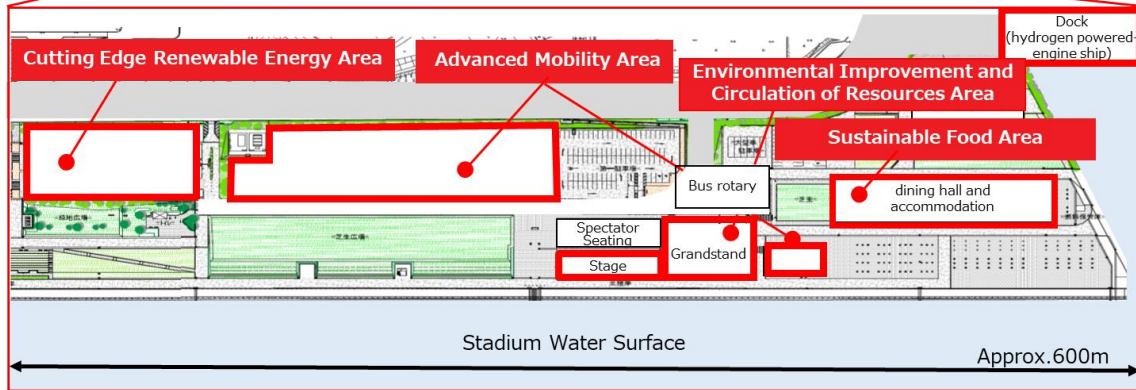
Roboko, an animated character from “Boku to Roboko,” based on a popular manga series of the same name in “Weekly Shonen Jump,” has been chosen as an official ambassador. Roboko is the strongest, silliest maid in history. She will explain the latest technologies in an easy-to-understand manner.



©宮崎周平 / 集英社・僕とロボコ製作委員



<Overview of the Umi-no-Mori area>



● Cutting-edge Renewable Energy Area

The latest solar and wind power plants will be displayed, along with a hydrogen-producing ship at the pier.



Hydrogen-producing ship  
(Lead operator: Mitsui O.S.K. Lines)

● Next-generation Mobility Area

A flying vehicle will be showcased alongside various drone flights.



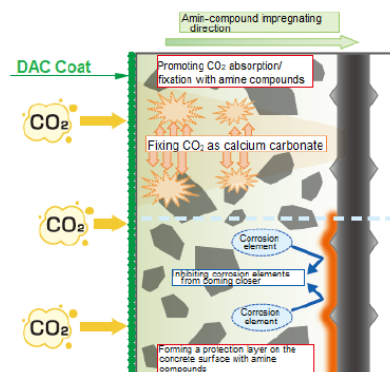
Sea-Air Integrated Drone  
(Head operator: KDDI Smart Drone)

● Environment Improvement/Resource Recycling Area

Environmental improvement technologies aimed at reducing carbon dioxide emissions will be showcased, along with robots designed to automatically clean the sea surface.



Concrete Performance Evaluation  
Experiment (Lead Operator: Shimizu)



Conceptual Drawing of CO2 Fixation  
Technology (Lead Operator: Shimizu)

In the Priority Project, a total of 15 projects were adopted in 2022 and 2023. For details, see below.

【Fiscal 2022】

[https://www.tokyobayesg.metro.tokyo.lg.jp/priorityprojects/priorityprojects\\_r4\\_decision.pdf](https://www.tokyobayesg.metro.tokyo.lg.jp/priorityprojects/priorityprojects_r4_decision.pdf)



【Fiscal 2023】

[https://www.tokyobayesg.metro.tokyo.lg.jp/priorityprojects/r5project\\_introduction.pdf](https://www.tokyobayesg.metro.tokyo.lg.jp/priorityprojects/r5project_introduction.pdf)



### ■ Other content

The content described below is available for families and children to enjoy their time at the venue, mainly on weekends.

#### ● Drone Workshop

Participants can produce and manipulate drones to learn about and get familiar with them.

#### ● Canoe-rowing Experience

We will hold events to enable visitors to experience canoe rowing, among other activities, to spark their interest in water quality and the environment while enjoying the waterfront area.

#### ● Mobility corner

Visitors can freely ride on personal mobility options in a course.

#### ● Science Show

A science show, with fun experiments, will be held to explain how technology and energy systems work in an easy-to-understand manner.

#### ● Food area

Visitors can sample food ingredients featured in the "Obake Restaurant" at the National Museum of Emerging Science and Innovation, or participate in an event to experience Electric Salt. Electric Salt lines on bowls and spoons enhance the salty taste of food by applying a weak current through the food.



Electric Cycle (OpenStreet)