

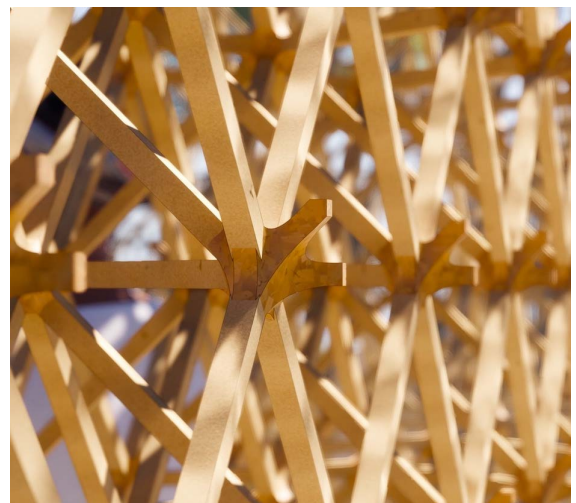
Sustainable teahouse made from food waste will be on display at Venice Architecture Biennale 2023



The Veneti-An Tea House designed by Tokyo-based Mitsubishi Jisho Design architects Takaaki Fuji, Hiroya Inage, and De Yuan Kang will be exhibited at Giardini Marinaressa Gardens from 20 May to 26 November 2023 as part of Time Space Existence, a European Cultural Center exhibition held in parallel with the Venice Architecture Biennale 2023.

Veneti-An Tea House is a contemporary teahouse inspired by traditional Japanese culture that explores themes of sustainability and the environment. The teahouse in this exhibit is a prototype being displayed for the first time ever. Around the world, tea offers an opportunity for people to communicate and connect; Veneti-An was conceived as a site of renewed connection. Intercultural connection is symbolized by the name Veneti-An, a play on the English word “Venetian” and the Japanese word “an,” which means “simple hut” and is often incorporated into the names of teahouses.

The design is universal in that it can be reproduced anywhere in the world, yet it embodies the particularity of each installation site. Particularization is achieved through creative use of latitude and local food waste. By adjusting the joint angles to match the latitude of each site where the teahouse is constructed, the form becomes unique and lets in or blocks an optimal amount of sunlight (for instance, the latitude of Venice is about 45 degrees, so the joint angles used there are 45 degrees). Local food waste is used to manufacture the components of the teahouse, reducing garbage. This prototype uses food concrete made from pasta and coffee grounds, two common types of food waste in Italy. After the exhibit ends, the components can be disassembled and reused in shelves, tables, chairs, or other furniture.

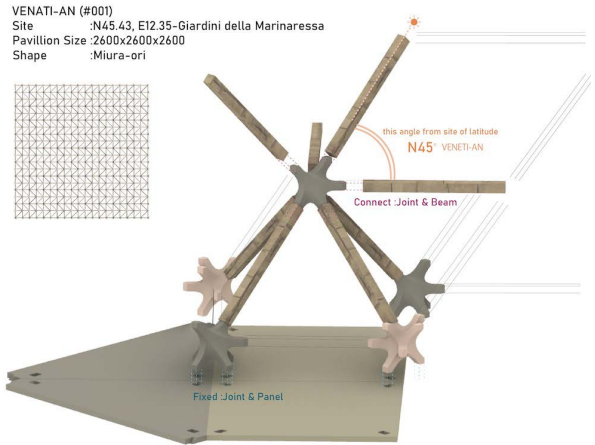
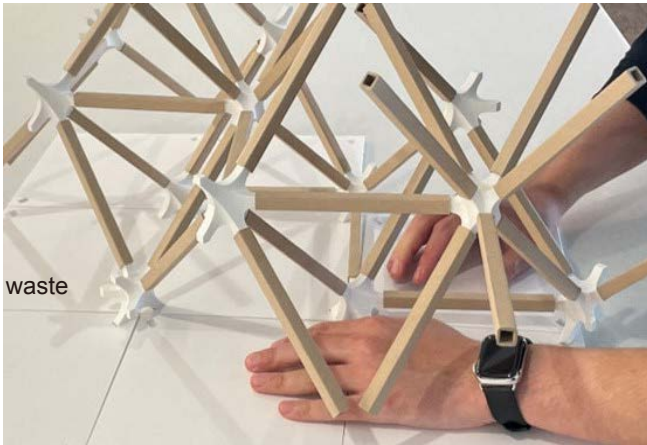


***The architects will be on site for the pre-opening on 18 and 19 May and plan to participate in a tea ceremony. The media is invited to the event.**

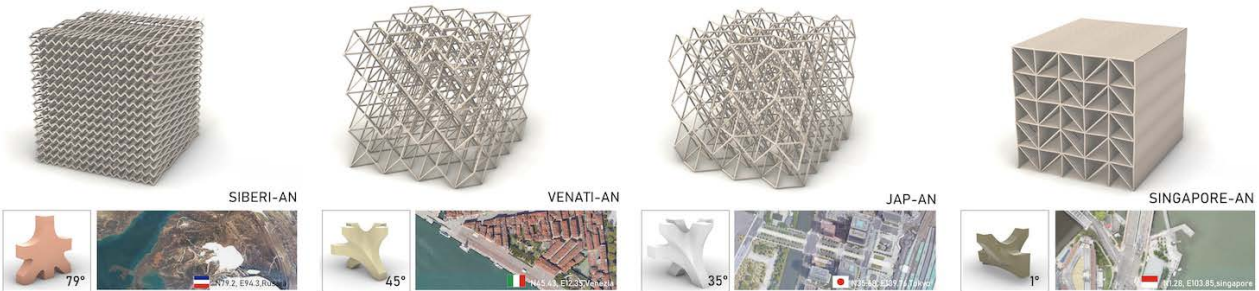


Waterproofed pasta joints and recycled paper tubes. Waterproofing was achieved by formulating a liquid for each component that reacts chemically with the hydroxyl groups (OH-) of each component. The liquid is made from a silicon found in nature, and the technology ensures that each component can eventually decompose.

The joint components are produced using Fabula's Food Concrete technology, which makes food waste materials as strong as concrete. Veneti-An uses pasta and coffee grounds, major waste products in Italy, creating components that are unique and familiar to the local context.



Based on Venice's latitude of 45°, a joint extending in eight directions was designed in a configuration that connects to the central axis. Each joint component is curved to ensure that force transfers smoothly in all directions.



While the latitude of Venice is 45°, Tokyo would be 35° and Singapore 1°. By adapting the joint shape to the latitude of the place where it is installed, a distinctive identity is created in the form, as well as a teahouse that optimally lets in or shields sunlight in response to the local environment.

Exhibition Dates

Veneti-An Tea House

Pre-Opening: 18 – 19 May 2023

Exhibition: 20 May – 26 November 2023

Location: Riva dei Sette Martiri, 1364, 30122 Venezia VE, Italy

<https://timespaceexistence.com>

Tea Ceremony Schedule – Advance registration preferred. Please contact Takaaki Fuji.

18 – 19 May, 5:00PM – 8PM

20 May, 11:00AM – 2:00PM

Contact in Venice

Takaaki Fuji

+81-80-2110-1323

takaaki.fuji@mj-sekkei.com

Project Outline

Exhibition title: Veneti-An Tea House

Design and Construction:

Takaaki FUJI (Mitsubishi Jisho Design and tyfa / Takaaki Fuji + Yuko Fuji Architecture)

Hiroya INAGE (Mitsubishi Jisho Design)

De Yuan KANG (Mitsubishi Jisho Design Asia)

Production / Collaborators:

Kota Machida (fabula) / Manufacturing of food waste components

Mitsuru Muroshima (Muroshima Seiko) / Manufacturing of molds for food waste components

Nippon Kako-Kizai / Manufacturing of paper-waste tubes

Osamu Oide (SilicaGen) / Waterproofing treatment

Shuji Nakano (IWS) / Manufacturing of cork flooring materials

Tea Ceremony

Keita Uno (Mucha-Kucha Inc.) / Producer

Muneaki Matsumura (Mucha-Kucha Inc.) / Tea master

Photography

Shohei Yokoyama / Japan

Yuta Sawamura / Venice

Special Thanks

YAU (Yurakucho Art Urbanism)

Joseph Canouil (Mitsubishi Jisho Design)

Mitsubishi Jisho Design Model Production Department

Shinto Tsushin Circular Design Studio

PO LLC

Organized by:

European Cultural Center Venice Biennale Time Space Existence 2023

For further information and press enquiries, please contact :

Chika Muto

chika@neoplus610.com

Neoplus Sixten Inc.

www.neoplus610.com

Architects' Profile

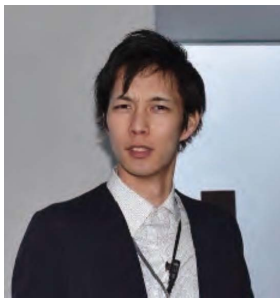


Takaaki FUJI (Mitsubishi Jisho Design and tyfa / Takaaki Fuji + Yuko Fuji Architecture)

1982 Born in Hyogo, Japan
2001 Entered Waseda University
2007 Graduated from the Graduate School of Waseda University, Furuya Nobuaki Laboratory
2007 Joined Mitsubishi Jisho Design
2012 Stationed in Taiwan
2019 tyfa (Takaaki Fuji + Yuko Fuji Architecture)
Current Mitsubishi Jisho Design – Chief Architect
tyfa - Representative
Meiji University - Adjunct Lecturer

Main Works / Taipei Nanshan Plaza, Bay Window Tower House, Meguru-ma etc.

National and international architectural awards received;
Grand Prize of the Architectural Institute of Japan Award, Architectural Institute of Japan
New Designer Award, Good Design Award, JID Award of the Japan Interior Designers
Association, Architecture Master Prize Winner, etc., for Bay Window Tower House
CTBUH Award of Excellence, etc., for Taipei Nanshan Plaza



Hiroya INAGE (Mitsubishi Jisho Design)

1994 Born in Saitama, raised in Kanagawa, Japan
2017 Graduated from Waseda University
2019 Graduated from Yaguchi Laboratory, Waseda University
2019 Joined Algorithm Design Lab.
2020 Joined Takenaka Corporation Environmental Consulting Group
2022 Joined Mitsubishi Jisho Design
Current Mitsubishi Jisho Design - Architect

Main Works / R&D related to BIM, ZEB, GIS, digital archiving, etc.



De Yuan KANG (Mitsubishi Jisho Design Asia)

1992 Born in Singapore
2013 Enrolled in National University of Singapore (NUS)
2019 Graduated from NUS Masters Programme
2019 Joined Mitsubishi Jisho Design Asia
2022 Transferred to Mitsubishi Jisho Design (HQ)
Current Mitsubishi Jisho Design - Architect

Main Works / Interior design series for overseas branches of a certain company,
The Grand Outlet East Jakarta, etc.

Mitsubishi Jisho Design Inc.

Mitsubishi Jisho Design got its start as Marunouchi Architectural Office in 1890, and soon after designed one of Japan's first modern office building, the Mitsubishi Ichigokan (Building No.1). Over the subsequent decades, as the country modernized, the firm went on to design a series of iconic brick buildings in the central Marunouchi district of Tokyo. In the 1960s, responding to rapid economic growth and the burgeoning demand for office space, the area was transformed into an attractive central business district, with new buildings designed to conform to a uniform height of 31 meters. In the 21st century, these buildings have been replaced with high-rise towers and the area has been reimagined once more as a vibrant commercial and cultural district. Building on its core strengths of comprehensive design, urban insights, and the pursuit of essence and quality, Mitsubishi Jisho Design has led the development and renewal of the Marunouchi district for over 130 years, allowing it to bring unparalleled experience to bear in architectural and urban development projects throughout Japan and the world.

www.mjd.co.jp/en

*On April 1, 2022, Mitsubishi Jisho Sekkei Inc. changed its English name to Mitsubishi Jisho Design Inc.