

2024 Noto Peninsula Earthquake Disaster Relief Project



Year: In progress

Location: Japan

Program:

Status: In Progress

Type: Temporary

Structure: Paper Tube Structure

NPO Voluntary Architects Network (VAN) + Shigeru Ban Architects have started to set up Paper Partition System (PPS) and cardboard beds to ensure privacy at evacuation centers for disaster victims from the Noto Peninsula Earthquake on January 1st.

Voluntary Architects' Network calls on your support in our disaster relief.
Donations made to the following account below, are very much appreciated.

DONATE

[In Corporation With]

ISHIBASHI FOUNDATION, SEIBU REALTY SOLUTIONS INC., TAMADIC Co., Ltd. , Nice Corporation

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Construction of the Temporary Atelier No.2 in Wajima

From May 1 to 11, construction workshop of the temporary atelier No.2 was held on the premise of Kirimoto, a studio of Wajima lacquer in Wajima City. As Wajima lacquer involves many process before completion, more temporary studios for Wajima lacquer craftsmen will be built in the coming months.

In cooperation with: Ishikawa Interior Coordinator Association (IICA)

Temporary Atelier No.2 in Wajima

Temporary Atelier No.2 in Wajima

Temporary Atelier No.2 in Wajima

Temporary Atelier No.2 in Wajima

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Construction of DLT temporary housing in Mitsuke-jima, Suzu

The construction of the wooden structure using DLT has begun in Mitsuke-jima, Suzu. A total of six apartment buildings with 15 households per building will be constructed under this plan.

Mitsuke-jima DLT Temporary Housing, May 10th

Mitsuke-jima DLT Temporary Housing, May 2nd

Mitsuke-jima DLT Temporary Housing, April 27th

Mitsuke-jima DLT Temporary Housing, April 20th

Mitsuke-jima DLT Temporary Housing, April 20th

Mitsuke-jima DLT Temporary Housing, April 17th

Mitsuke-jima DLT Temporary Housing, April 17th

Mitsuke-jima DLT Temporary Housing, April 12th

Mitsuke-jima DLT Temporary Housing, April 12th

Mitsuke-jima DLT Temporary Housing, April 7th

Mitsuke-jima DLT Temporary Housing, April 7th
Mitsuke-jima DLT Temporary Housing, March 29th
Mitsuke-jima DLT Temporary Housing, March 29th
Mitsuke-jima DLT Temporary Housing, March 20th
Mitsuke-jima DLT Temporary Housing, March 20th
Mitsuke-jima DLT Temporary Housing, March 18th
Mitsuke-jima DLT Temporary Housing, March 18th
Mitsuke-jima DLT Temporary Housing, March 18th
Mitsuke-jima DLT Temporary Housing, March 18th

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Construction : Ishikawa Federation of Construction Companies
Supply of DLT : M.HASEGAWA & CO.,LTD.

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Construction of the temporary atelier in Wajima

From March 10 to 11, construction workshop of temporary atelier was held on the premise of Kirimoto, a studio of Wajima lacquer in Wajima City. As Wajima lacquer involves many process before completion, more temporary studios for Wajima lacquer craftsmen will be built in the coming months.

In cooperation with: Chuto Co., Ltd, Ishikawa Interior Coordinator Association (IICA)

Temporary Atelier in Wajima
Temporary Atelier in Wajima
Temporary Atelier in Wajima
Temporary Atelier in Wajima
Temporary Atelier in Wajima
Temporary Atelier in Wajima

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Construction of the temporary housing in Suzu

From March 8 to 11, construction workshop of Paper Log House was held at Yokoyama, Suzu.

This Paper Log Houses was built for a habitant, whose home was completely destroyed by the earthquake and had to live in a green house.

In cooperation with: Suntory Holdings Limited, Chuto Co. Ltd, Ishikawa Interior Coordinator Association (IICA)

Temporary Housing in Suzu

Temporary Housing in Suzu

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Temporary Housing in Suzu

Temporary two-floor wooden temporary housing project using DLT

We plan the temporary housing project in Suzu City, Japan. This is the two-floor wooden house made of Dowel Laminated Timber (DLT). After the period of use as temporary housing is over, the project is planned to continue to be used as permanent housing.

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各室平面図

平面図

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Preparation for Temporary Housing Begins

As a response to the Noto Peninsula Earthquake, we began to design and plan for temporary container housing and temporary housing using Dowel Laminated Timber (DLT).

Features of Container Temporary Housing

- Containers can be stacked to provide a large number of housing units even in areas with limited flat land.
- Containers are stacked in a checkerboard pattern, and glass is inserted between the containers to open up the LDK of each housing unit.
- Using containers ensures sufficient sound insulation from adjacent rooms and on the floors above and below.

Onagawa Container House in 2011

Onagawa Container House in 2011

Features of DLT Temporary Housing

- DLT is made by lining up a row of lumber, drilling holes, and inserting wooden dowels. No glue or nails are used during this process.
- DLT is a material that is easy for local lumber companies to work with because of its simple processing process, with no gluing process and no need for large-scale manufacturing facilities.
- Staggered stacking of box-shaped units of DLT lumber enables construction in a short period of time.
- The interior will be kept as DLT without additional finishes, allowing the interior space to take full advantage of the texture and materiality of wood.

DLT Temporary Housing

DLT Temporary Housing

The State of the Temporary Housing constructed in 2023

The temporary housing constructed in Suzu City after Noto Earthquake 2023 is without damage and still in use after the Noto Peninsula Earthquake 2024.

[January 28th] Nukadani Fureai Gymnasium in Kanazawa

Airweave donated 40 mattresses, and MUJI donated 40 beds made of cardboard.

Provided by Airweave and MUJI

[January 28th] Tada Elementary School in Suzu

PPS was installed at Tada Elementary School in Suzu City.

In cooperation with: Peace Winds Japan

[January 17th] Midorigaoka Junior High School in Suzu

VAN installed additional 74 units of PPS in Midorigaoka Junior High School in Suzu from January 14th.

In cooperation with: Suzu City, Peace Winds Japan

[January 15th] Matto General Gymnasium in Hakusan / Honobono-yu in Uchinada

Hakusan City has set up evacuation centers to accept evacuees from Noto. VAN installed 480 units at Matto General Gymnasium using PPS stockpiled by local government.

Uchinada Town installed PPS provided by the Cabinet Office at local evacuation centers.

Matto General Gymnasium in Hakusan

Matto General Gymnasium in Hakusan

Honobono-yu in Uchinada

Honobono-yu in Uchinada

[January 13th-14th] Midorigaoka Junior High School in Suzu

On January 13th and 14th, VAN + Shigeru Ban Architects have set up 100 units of paper partitions at the Midorigaoka Junior High School in Suzu City.

[January 9th] Nukadani Fureai Gymnasium in Kanazawa

On January 9th, VAN + Shigeru Ban Architects have set up 150 units of paper partitions and cardboard beds to ensure privacy at the Nukadani Fureai Gymnasium in Kanazawa City.

We have also delivered partitions to Uchinada Town.

In cooperation with: Komatsu Matere, MUJI, Ishikawa Interior Coordinator Association, Atelier Hob, Kazuyuki Kusaka Architects