

ENCOURAGEMENT AWARD (Review Committee Chair Award)



Development of the Evaluation Method for Domestic Hardwood as Musical Instruments (Kyoto Prefecture)
Laboratory of Biomaterials Design, Division of Forest and Biomaterials Science, Graduate School of Agriculture, **Kyoto University** / Technology and Research
This method enables to visualize the acoustic characteristics of domestic hardwood in comparison to those of imported hardwood for making musical instruments. This method is expected to add more values to lower-priced domestic hardwood species, and, ultimately, to lead to a high-profit forestry management.



Wooden electric car “Eco-sugi+” (Fukuoka Prefecture)
Kisai Koubou / Communication
An electric car with wood used for interior and exterior. Except for the joint with the main frame, use of screws is restrained as far as possible. The car was exhibited in many local events and drew attention from customers and media. The car also exhibits the possibility of wood use in a wide variety of products other than furniture.



Public Disaster Restoration Houses for the Great East Japan Earthquake “Johoku Housing Complex” (Fukushima Prefecture)
Fukushima Prefecture, Arakawa Architectural Design Office Co., Ltd., Aizu Doken Co., Ltd., Hikari Densetsu Co., Ltd., Yatsuhashi Setsubi Co., Ltd. / Architecture and Space
Dismantled materials of emergency relief houses are temporarily stored and reused in building the public disaster restoration houses to secure the living of refugees in Fukushima prefecture. The disaster restoration houses are designed to enable reuse of building materials through the application of the “Itakura” method which applies detachable screws instead of nails.



Roof Truss Unit for the Next Generation (Iwate Prefecture)
Kiraku Souken Co., Ltd. / Technology and Research
A brand-new roof truss unit using thinned wood. The volume of materials and the cost of processing can be reduced drastically. Since the number of components is limited, anyone can easily assemble the truss unit. This project would contribute to increasing use of thinned wood, and especially, lower-graded wood in the local primary industry.



“Shisō-cedar house” : ecological building system for the Harima region (Hyogo Prefecture)
Yamahiro wood builder Co., Ltd., Shisō-no-morinoki Co., Ltd. / Communication
Yamahiro wood builder Co. uses the Shisō-cedar for approximately 90% of wood for the construction of this type of houses, and practically connects regional knowledge of the culture and environment of the Harima region. Yamahiro hopes that the Shisō-cedar house would develop a new landscape and promotes the exchange among residents in the city.



Renovation of Wooden Houses for Healthy and Comfortable Life (Aichi Prefecture)
Shinwa Kensetsu Co., Ltd. / Technology and Research
This project focuses on the thermal problem of wooden houses, which is the major driving factor for renovation. The project compared health conditions of residents and inside/outside temperatures of houses before and after the renovations, which evidenced health improvement of the residents.



JAPAN WOOD DESIGN
AWARD

The “Wood Design Award” acknowledges outstanding wood products and related activities which contribute to the promotion of comfortable life, human health, and social prosperity from the perspective of consumers.

Overview of Wood Design Award 2017

- Management Body: Wood Design Award Steering Committee
(Iki-iki-mori Network, National Land Afforestation Promotion Organization, Universal Design Intelligence., Inc.)
- Program supported by Forestry Agency
- Application Period: June 20 – July 28, 2017
- Works and activities eligible for consideration:

Architecture, Space, Building Material	Retail stores, public institutions/facilities, offices, houses, and building materials
Wood Products	Furniture, interior goods, tableware and kitchenware, daily goods, stationaries, and toys
Communication	Workshops, promotional activities, capacity building, business model
Technology and Research	Technology, research and development, and trial work

● Award Categories

Lifestyle Design: Promote the quality of life through wood use
-Construction, space, wood products, projects, or technology and research which improve the functionality or convenience by wood use, explore the new domain of wood use, or propose better life with wood use to consumers.

Health Care Design: Improve mental and physical well-being through wood use
-Construction, space, wood products, projects, or technology and research which appeal to human senses, provide relaxation, improve mental and physical health, or communicate background stories of producers through wood use.

Social Design: Revitalize community through wood use
-Construction, space, wood products, projects, or technology and research which contribute to the revitalization of forestry and community, develop sustainable systems of wood use, advocate the importance of wood use, or develop human resources.



JAPAN WOOD DESIGN
AWARD 2017

Cutting-edge Wood Products in Japan



BEST AWARD (Minister of Agriculture, Forestry and Fisheries Award)
Northern Station Gate Akita Project (Akita Prefecture)
/East Japan Railway Company, Akita University of Art, Hagiwara Furniture MFG. Co., Ltd., JR East Design Corporation, Daiichi Kensetsu Co., Ltd., Tekken Corporation

EXCELLENCE AWARD (Forestry Agency Director-General Award)



CJ Series (Nara Prefecture)
studioJig / Wood Products

This furniture series is made of coniferous wood (*Yoshino sugi*), which has been long considered improper as furniture materials, with a special molding technology. The unique form is equipped with beauty and strength, presenting an extraordinary feel suitable for such facilities as hotels or public institutions. The curved design is beautiful, and the comfort and stability of seating are excellent. These chairs are expected to be used in Japanese hotels or public institutions as well as private houses. This project realized the balance between the beauty of wood use and the functionality as furniture at the same time.



Promotion of “Houses with Firewood Stove” (Hokkaido Prefecture)
Hokusei Kensetsu Inc., Eniwa Furusato 100-nen-no-mori / Communication

The company promotes the proposal-based project of wooden houses which are built with *Hokkaido* wood and are installed with firewood stoves to source local firewood supplied from *Eniwa* City. The company also provides many opportunities for clients to experience local forests and wood, such as establishing firewood hacking group and opening its company forest to a local kindergarten for study experiences on nature and forest. Beyond the use of firewood stoves, the project also extends to “soft” programs including wood education and forestry experiences. This project provides the clients of the local builder with an unique opportunity to think about local forest while living in wooden houses.

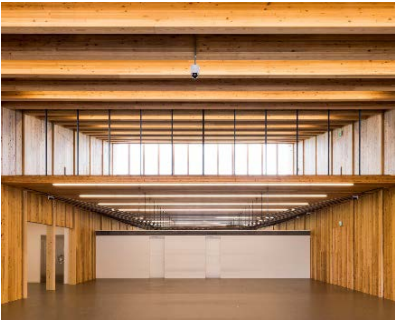
COVER : BEST AWARD (Minister of Agriculture, Forestry and Fisheries Award)

Northern Station Gate Akita Project (Akita Prefecture)

East Japan Railway Company, Akita University of Art, Hagiwara Furniture MFG. Co., Ltd., JR East Design Corporation, Daiichi Kensetsu Co., Ltd., Tekken Corporation / Architecture and Space

In the city center around the JR Akita Station, the station building, corridor, and waiting lounge have been renovated with a uniform design of wooden interiors in harmony with the wood use in nearby facilities through cooperation among local governments, university, and local companies. The project aimed to create the place for sightseers to experience the touch of local Akita wood, as well as for the local residents to feel comfortable. Through the cooperation of a wide range of stakeholders related to wood use, the project realized the place surrounded by wood, where people can experience the touch of wood and be healed by the comfort of wood, while contributing to increasing the number of visitors.

The project boasts an exquisite set of subprograms carefully designed with every details: the waiting lounge presents convenience and comfort for visitors; the beautiful and functional furniture is made of local wood using local technologies; and the student art program has made the charm of wooden interiors visible even from the construction phase of the project.



Sukumo Shogin Credit Association Main Office (Kochi Prefecture)
Sou Architectural Factory, Sukumo Shogin, Ltd., Sankoh Kensetsu / Architecture & space

This is the first wooden bank building which used CLT for the structural members. Its impressive appearance with the wooden half-tilted roof draws attentions in the rural landscape. The balance between the post-and-beam structure and the panel structure of CLT appeals the potential and functionality of wood use to the visitors. In particular, the ceiling composed of CLT and stretching strings realized the large space with the span of 11.4 meters without post in the lobby and office room on the ground floor. This wooden space showcases the creative design of CLT, while serving for daily lives of local people as a banking facility.



Wooden Indoor Playground “Kansei-no-mori” (Miyagi Prefecture)
Nishiki Estate Inc., Progetto Corporation, Akagawa Design Office, Hokuju Co., Ltd. / Architecture and Space

In this wooden indoor playground for children, there is no such toy as plastic or mechanical. All of the space is composed of wood, including a pool containing 300,000 pieces of wooden balls and various types of wooden building blocks, allowing children to play with wood and feel the touch of wood through their “five senses”. This playground provides a unique opportunity for visitors to learn the charm of wood through first-hand experiences.



Exposition of Wood and Housing (Kanagawa Prefecture)
Nice Corporation, Wood & Housing Research Association, Institute for Wooden Building Structure / Communication

A comprehensive exposition to communicate the latest information and brand-new proposals on houses, construction, and lifestyles with wood, presented through the cooperation among enterprises, organizations, local governments, and research institutes. The expositions were held in five locations in Japan, attracting as many as 150,000 visitors in total, ranging from general people to professional wood users. The exposition presents various uses of wood in the housing and construction sector. Visitors can learn and enjoy the uses of wood through first-hand experiences. The scale of the exposition is huge, with the participation of wide range of stakeholders.



Mousepad and Fountainpen Case of Curved Wood (Niigata Prefecture)
Storio Corporation / Wood Products

This mousepad enables comfortable and stress-free operations of computers with the bendable palm rest assisting ups and downs of the wrist of users as well as the smooth finish of wooden surface. The fountainpen case is light-weighted but tough with a minimal and beautiful design, presenting the beauty of wood grains of maple and the touch of wooden surface. Both products are produced by a unique technology of wood-bending, realizing both beauty and functionality at the same time.



G-Building Jiyu-ga-oka 01B (Tokyo)
Japan Retail Fund Investment Corporation, Klein Dytham Architecture, Fujita Corporation, Shelter Co., Ltd. / Architecture and Space

A one-hour fire resistant commercial building with the wooden fire-resistant material, “COOL WOOD.” This three-story comfortable building warmly welcomes visitors with the concept of “Home.” Wood is used for the exteriors as well as the structural members of the building to compose an excellent design, which provides a charming and pleasant wooden space with impressive appearances. The wood use augments the value of the space, where visitors can enjoy the woody surroundings, and the tenants can gain synergy effects of the attractive space and their products.

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Nagoya University Common Facility for Music Practice –Conversion of Telescope Experiment Center (Aichi Prefecture)
Nagoya University Campus Planning & Environment Management Office / Architecture and Space
A music practicing facility for students’ music club activities, which was converted from the university telescope experiment center.



LIFE & Shine piece (Hiroshima Prefecture)
LIFE & Shine piece, SweetD Co., Ltd., MatsubaraSangyo Co., Ltd. / Wood Products
Portable candy cases and stationaries made of Japanese fir wood. These fancy items would stimulate the playful mind of consumers. The idea to propose a new life style with wood is unique and enjoyable.



Design LAB Tsukishima (Tokyo)
Itoki Corporation / Architecture and Space
A laboratory for designers to “make,” “try,” and “show” their products in a single space. The space uses unfinished wood products including recycled wood for floors, walls, and furniture. The space stimulates the spirit of “challenge”, and encourages communications among different fields.



New Tree Procurement System with Drone (UAV) (Okayama Prefecture)
Innosho Forestry Co., Ltd. / Technology and Research

This system enables to identify the boundary of a specific land area and the species of trees standing there, with the use of GIS and 3D photos taken by drones (UAVs), at the time of procurement of standing trees. The system also enables an accurate value estimate of standing trees for a short period of time, and solves the problem of information shortage on forest land due to change of hands and aging of forest owners. Efficiency and accuracy of procurement of standing trees would contribute to the realization of stable supply of wood.



Hutte “NANANA” (Fukui Prefecture)
Masateru Yoshimura, hyakka Inc., Yamazaki Corporation /Architecture and Space
A second house/office for the manager of a website design company. This building uses wood as far as possible while applying other materials according to their characteristic, for the realization of comfort with simple and undecorated design.



Wooden Partition Pole (Chiba Prefecture)
Yamani Tategu Co., Ltd. / Wood Products
Wooden partition poles made of local wood. The poles are expected to be used for game sites, events, or airports during the Tokyo 2020 Olympic and Paralympic Games, promoting use of local wood. Since such poles are familiar in our daily lives, potential demand would be large.



Babybath “Ufu-Yuoke” (Nagano Prefecture)
Council of Wooden Baby Bath from Birth , Shimizu Mokuzaï, Mori-no-Marche / Wood Products
A wooden bathtub for babies. The size of the bathtub is suitable for a kitchen sink. The aroma of *Sawara* (a kind of cypress species) wood provides with effects of relaxing and prevention of atopic dermatitis. After the use as a baby bath, the tub can be used as footbath or storage in a daily life.



Wooden Sound-proof System “Mute” (Tokyo)
Mitsui Home Co., Ltd. / Technology and Research

Wood has a weak point of sound-proof performance due to its light weight. Market research results show that there is a great need for high sound-proof performance in buildings. The company developed the new sound-proof floor system “Mute,” which enables builders to explore the new frontier of wood use, while providing home owners with comfortable living environment. Sound-proof performance is very important for people living in collective houses, especially for family with small children. This system would promote use of wood for interior and flooring by mitigating the noise problems.



Wooden headphones “Konohazuk H3” (Tokyo)
Konohazuk LLC., Yamakoshi MokkouBou, Takeyama Mokkoujyo, AZDEN Corporation, Fujita Kigata Seisakusho / Wood Products
Wooden headphones made of Japanese beech produced in *Iwate* Prefecture. The headphone is characterized by its unique acoustic performance of wood, soft fitting for human body, and beautifully shaped form.



Youkoudai Elementary School (Ibaraki Prefecture)
Azusa Sekkei Co., Ltd., Tsukubamirai city, Nishimatsu-Tanihara JV / Architecture and Space
This school building is composed as a “half-open” structure, which allows light, wind, and activities pass through, while blocking sounds and views by triangular walls.



Kids Toy “GALA” (Kanagawa Prefecture)
Sanrokusha / Wood Products
An electronic music instrument which plays more than 100 sounds of ethnic musical instruments in the world . The instrument is made of raw wood, providing smooth surface. The instrument starts playing music by just shaking, thus, even small children can enjoy various music.