

ENCOURAGEMENT AWARD (Review Committee Chair Award)



**“Kumundah”:** Wooden Jungle-gym(Shiga Prefecture)  
Katsumi Kawamura /Wood Products  
Wooden jungle-gym which can be assembled together with children. Children feel the warmth of wood and communicate with each other while playing with wood, even if they are first met.



**Salon for Housing and Life** (Saitama Prefecture)  
AQURAHOME CO.,LTD., Holzstr Inc., Taiji Kawano Architects, Shinohara Shoten Co., Ltd /Architecture and Space  
Japan’s first medium-sized three-story wooden building constructed with generic lumber and generic processing/construction technologies.



**Wooden noise barrier** (Nagano Prefecture)  
Nagano Prefecture Wood Sales Promotion Council /Wood Products  
Wooden noise barrier developed for the promotion of use in karamatsu (Japanese larch) of Nagano Prefecture.



**Wood Products Manufactured in Sheltered Workshops** (Hokkaido Prefecture)  
Forest Products Research Institute of Hokkaido Research Organization, Sapporo City University, Katarube-no-mori of Toma /Technology and Research  
Development of wood products with an excellent design, which handicapped people can produce at sheltered workshops, through the cooperation among university, sheltered workshop, and public research institute.



**Kumamoto Earthquake Relief Support through “Kudeju”** (Kumamoto Prefecture)  
Kudeju Okage-mawashi Conference/Communication  
Wood components for self-assembling furniture, called “Kudeju,” were supplied to emergency shelters for the Kumamoto Earthquake in April 2016 to install self-assembling partitions or shelves for those shelters.



**Yabukuguri** (Oita Prefecture)  
Yabukuguri, Takara-ya, TRYWOOD.Co.,Ltd., Marugen Inc. /Communication  
Community platform of experts in forestry and wood products, as well as designers, carpenters, and editors with the interest in wood use. It proposes multiple use of local resources, such as development of wooden lunchbox and its menu at the same time.



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 2016

- Management Body: Wood Design Award Steering Committee (Iki-iki-mori Network, National Land Afforestation Promotion Organization, Universal Design Research Institute)
- Program supported by Forestry Agency
- Application Period: June 20- July 27, 2016
- Works and activities eligible for consideration:

i) Architecture, Space, Building Material:	Retail stores, public institutions/facilities, offices, houses, and building materials
ii) Wood Products:	Furniture, interior goods, tableware and kitchenware, daily goods, stationaries, and toys
iii) Communication:	Workshops, promotional activities, capacity building, business model
iv) 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 of 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 in 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 system of wood use, advocate the importance of wood use, or develop human resources



JAPAN WOOD DESIGN  
AWARD 2016

Cutting-edge Wood Products in Japan



BEST AWARD (Minister of Agriculture, Forestry and Fisheries Award)  
the Setsuna concept (Aichi Prefecture)/Toyota Motor Corporation



EXCELLENCE AWARD (Forestry Agency Director-General Award)



**J-PANEL (Tottori Prefecture)**  
**LENGTH Cooperative** /Building Material

“J-PANEL” is developed for three objectives; to recover better environment and healthy forest, to realize earthquake-, wind-, and fire-resistant wood houses, and to improve function and quality of wood as building materials . “J-PANEL” is the Japan’s only innovative model of thin cross laminated timber (CLT) made of domestic sugi (Japanese cedar) and hinoki (Japanese cypress). This panel demonstrates superior performance in size stability, heat accumulation, and humidity control, and can be applied to structural parts, including floor, ceiling, wall, and eaves, as well as preinstalled furniture.



**Earthquake-resistant Reinforcement System: T-FoRest (Osaka Prefecture)**  
**Takenaka Corporation** /Technology and Research

“T-FoRest” is an earthquake-resistant reinforcement system for large-scale reinforced concrete (RC) buildings by means of engineered wood products including CLT, laminated lumber, and LVL with good performance in strength, processing, and transportation. CLT and LVL are installed with adhesive, while braces of laminated lumber with coil springs. This system causes little vibration or noise during installation, and can shorten the construction period. Although there are a number of reinforcement systems using wood for wooden buildings, such system for RC buildings is exceptional. In addition, its stylish form is another attribute of “T-FoRest” . This system is a superior initiative that contributes to both resilience of buildings and promotion of domestic wood use.



**Roll Press Wood (Yamagata Prefecture)**  
**TENDO CO.,LTD.** /Technology and Research

Coniferous wood, including sugi (Japanese cedar), has been considered improper for furniture processing due to its softness. TENDO MOKKO pioneered a new processing technology for coniferous wood to laminate a number of roller-pressed softwood veneers into furniture components with beautiful curved shapes. Since this system continuously presses sheets of veneer with rollers, the color of wood can be maintained during its short heating time. The system also enables mass production of such furniture components with its continuous processing. This system adds new values to coniferous softwood in Japan by providing higher durability and weather resistance. This technology contributes to the promotion of wood use by broadening opportunities for diverse design and functionality.



**Horikiri-no-ie (Tokyo)**  
**Sakura Architect Office, Toshiko Sakurai, Keiko Fujiwara, Namazu-gumi** /Architecture and Space

The concepts of this two-story wooden house “Horikiri-no-ie” are “regional production and in-Tokyo consumption,” “solid basis of technology and performance,” and “durability and easy maintenance.” This wooden house realized wooden structure with earthquake- and fire-resistant performance in quasi fire prevention districts through careful considerations in planning. This project provides all the solutions to challenges in planning of wooden buildings in urban area. The appearance of wood surface also provides warm atmosphere in urban communities.



**Wooden Emergency Relief Houses for 2016 Kumamoto Earthquake (Kumamoto Prefecture)**  
**Japan Federation of Architects & Building Engineers Associations, Wood & Housing Research Association** /Architecture and Space

In the event of Kumamoto Earthquake in April 2016, construction of emergency relief houses with domestic wood was proposed to Kumamoto Prefecture to relieve earthquake refugees. In response, local builders cooperatively procured wooden materials to construct 60 emergency houses in Uki City. For the emergency relief function, the houses use generally- and domestically-distributed lumber, and can be constructed within as short as three weeks. This project realized both the relief from natural disasters and the promotion of use in local resources at the same time.



**Revitalization of My Home (in partnership) with Carpenters (Aichi Prefecture)**  
**SinwaKensetsu Co.,Ltd** /Communication

This project is an activity to renovate old houses with the support of experts in housing construction. The project provides a business model to renovate old wooden houses in a planned manner, through the combination of “carpenters” with highly-developed skills, “local wood” with good performance, and “stable quality” with systematic processing and quality control. This project also has other social aspects, including restoration of old traditional wooden houses as local heritage, introduction of carpenters’ expertise, and prevention of abandoned houses in urban areas. Further, such revitalization of old wooden houses as “social stock” could contribute to the improvement of quality of life and promotion of domestic wood use in the society.



**NIHONBASHI TOYAMA:**  
**Promotion of Regional Wood (Tokyo)**  
**Toyama Prefecture, NOMURA Co., Ltd.**  
/Architecture and Space

“NIHONBASHI TOYAMA” is a local goods store in Tokyo, which specializes in products of Toyama Prefecture. The store is designed with logs, lumber, and processed wood produced in Toyama. The impressive woody lattice structure represents the image of a range of Tateyama Mountains in the Prefecture. The inside facility also intentionally uses low-grade wood with insect bites or table boards composing of different tree species including kuri (chestnut) and nara (oak), exploring the possibility and potential of wood use as material and processing. This facility provides a multifaceted space for both appealing Toyama’s remote regions and promoting wood use, indicating its strong commitment and contribution to the development of Toyama Prefecture with new added value of Toyama wood.



**Shin-Kashiwa Clinic (Chiba Prefecture)**  
**Nakazato-kai Medical Corporation (Shin-Kashiwa Clinic), Takenaka Corporation** /Architecture and Space

The concept of the “Shin-Kashiwa Clinic” is a “clinic for forest bathing” where patients undergoing artificial dialysis can feel relaxed with the healing effects of wood. The clinic uses domestic wood to realize a wooden medical institution in urban area by introducing new fire-resistant technologies. Although wood has good effects on human mind and body, especially in medical institutions, its use has been rare due to possible difficulties in various aspects such as hygiene, maintenance, and costs. This clinic made a great progress in wood use in the medical field. Its beautiful woody space provides healing effects on the minds of patients.



**Cooperative Project for Wood Use in Hospital (Hokkaido Prefecture)**  
**Haruki Corporation, Sapporo City University, Hokkaido Prefecture, POWERPLACE Inc., Central Uni Co., Ltd., IPS Co.,Ltd.** /Technology and Research

Through the cooperation among industry, academia, and government, a “WOOD INFILL” system of the wooden hospital room unit was developed for the use of regional wood in hospital rooms. Effects of virus, bacteria, and disinfection with alcohol on wood use were also studied for the expansion of regional wood demand, increase of added value, and branding of domestic wood. Since the healing and relaxation effects of wood use is beneficial for medical institutions, demand for such use is expected to increase, especially in the “aging society” of Japan. This unit has a potential to become popular in general hospitals, since it can be easily installed without renovation of buildings. With the use of this system, further evidences on medical effects from wood use are also expected.



**Ki-to-kurasu (Life with Wood)**  
**: For Work and Study (Tokyo)**  
**UCHIDA YOKO CO., LTD., Ryohin Keikaku Co.,Ltd., Sankei Corporation, POWERPLACE Inc.** /Communication  
Comfortable space for work and study with wooden installation. This project contributes to the expansion of domestic sugi use through the local production system.



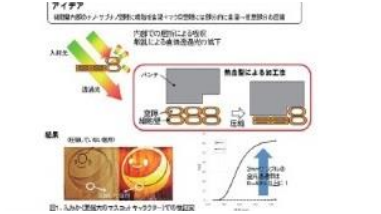
**iLignos Personal Organizer (Aichi Prefecture)**  
**Nagoya Lumber Co., Ltd.** /Wood Products  
The wooden cover, light and easy to carry, offers a pleasant feeling with softness, texture and warmth, proposing an innovative way of wood use for comfortable daily life.



**Kids Furniture (Gifu Prefecture)**  
**HIDA Sangyo Co., Ltd.** /Wood Products  
Wooden chairs manufactured with compressed and bent sugi (Japanese cedar) wood. Realizing both lightness and strength, the chairs present unique round design with softness.



**Echigo TOKImeki Resort SETSUGEKKA (Niigata Prefecture)**  
**ICHIBANSEN/nextstations, Echigo TOKImeki Railway Company, TENDO CO.,LTD., Big Will Co., Ltd., Niigata Transys Co.,Ltd., Nittax Corporation** /Architecture and Space  
Sightseeing train in Niigata Prefecture. Wood of different tree species, including Japanese cedar, Kabazakura cherry, and Japanese beech, are used for interior materials in each car.



**Light-transmitting Wood (Ehime Prefecture)**  
**Hiroyuki Sugimoto (Ehime University)** /Technology and Research  
Wood processing technology to allow light to transmit at specific points of wood by controlling wood compression to cause diffused reflection.



**Ultra-light Furniture (Tokyo)**  
**KOMA.co.,Ltd.** /Wood Products  
Hybrid wooden furniture with both strength and viscosity of hardwood and lightness and softness of softwood. The expertise of craftsmen realized sharp and warm appearances without excessiveness.



**Augmenter (Shizuoka Prefecture)**  
**Toyooka Craft Ltd.** /Wood Products  
Wooden bags of Japanese cherry manufactured with the combination of carving and trimming technology of 0.1 mm accuracy and traditional Enshu weaving technology.



**Old Wooden Houses with Yamato-mune and Yamato-hei (Nara Prefecture)**  
**Takaaki Sueyoshi, Kishi Environment and Architecture Design Office Inc. Tonai Komuten** /Architecture and Space  
Proposal on the renovation of old wooden houses with Yamato-mune structure.



**Bonbori (Nagano Prefecture)**  
**Yanagisawa Mokko-jo Ltd.** /Wood Products  
Wooden pendant-shaped lamps with the design of traditional electronic lamp shades. The combination of the color of “urushi” (Japanese lacquer) and the whiteness of traditional Japanese paper, “washi,” provides the beauty of daily use.

BEST AWARD (Minister of Agriculture, Forestry and Fisheries Award)  
**the Setsuna concept (Aichi Prefecture)** / **Toyota Motor Corporation**  
Technology and Research

The concept car “SETSUNA” expresses the idea that“love grows as time passes”, through the use of wood as material for vehicles. As the owner takes due care of the car with his/her love, the color and feel of wood changes , transforming the car into something unique to the owner’s family, which will be passed on from generation to generation.  
To represent its concept, the species of wood are carefully chosen for specific application, such as sugi (Japanese cedar) for exterior panels or kaba (Japanese birch) for structural frame, and due considerations are given to the size and order of each component. “Okuriari,” a traditional joinery technique that joins wood without nails or screws, is applied to connecting parts, realizing beautiful curved body surface like a boat. With “100-year meter” counting time over generations and drivers seats with functional beauty and sensitive colors of wood, “SETSUNA” will become more attractive as time goes by.  
“SETSUNA” is an excellent project born from collaboration of two different specialties; automobile manufacturing and wood use, satisfying the objective of the Award to promote the use of wood in wide variety of products and fields from the perspective of consumers. This project is expected to broaden the use of wood in other products and fields, including medical and welfare products.