

October 16, 2013

For Immediate Release

Sumitomo Forestry Co., Ltd.

Supporting restoration in devastated areas through Mocca project  
**Started Construction of Wooden Factory in  
Kawauchi-mura, Fukushima Prefecture**

Sumitomo Forestry Co., Ltd. (President and Representative Director: Akira Ichikawa; Head Office: Chiyoda-ku, Tokyo) announced the start of construction on October 16 for an order received from Codomo Energy Inc. (President: Yasunori Iwamoto; Head office: Osaka, Osaka Prefecture). The order is for the design and construction of a phosphorescent tile plant in Kawauchi-mura, Futaba-gun, Fukushima Prefecture. Codomo Energy is participating in the Ministry of Economy, Trade and Industry's subsidy program being implemented to restore industry in Fukushima Prefecture by encouraging companies to locate operations there. Codomo Energy aims to promote restoration and revitalization of the region by constructing a plant in Kawauchi-mura, thereby creating new employment and establishing a local industry in the township.

This order marks several firsts for Sumitomo Forestry: the first order for a non-residential structure in the quake devastated area, the first time to design and construct a manufacturing plant using wood materials, and the first domestic large-scale wooden construction project that will use structural LVL<sup>\*1</sup> manufactured by Nelson Pine Industries Ltd., a wholly-owned subsidiary of Sumitomo Forestry in New Zealand.

A column-less large interior, approximately 18 meters wide and 34 meters long, is planned for the plant. Omega wood materials<sup>\*2</sup>, developed by Obayashi Corporation (President: Toru Shiraishi; Head Office: Minato-ku, Tokyo), will be used to achieve this, enabling construction of a long-span structure. In the office space, entrance hall, and other areas, Sumitomo Forestry plans to use 105 mm x 105 mm cedar boards for flooring to fully evoke the qualities of wood in the plant interior.

Lunaware, the phosphorescent tiles to be manufactured at the plant, won the Prime Minister's Prize, the highest honor, at the Fourth Monodzukuri Nippon Grand Award (2012), sponsored by the Ministry of Economy, Trade and Industry. As a new material with enhanced wear resistance, water resistance, durability, and brightness, and which can sustain its phosphorescent properties semi-permanently, Lunaware is expected to be employed in various uses, including for nighttime lighting in towns or villages where street lighting is scarce.

Sumitomo Forestry established Tohoku Reconstruction Support Department in April 2012 to support restoration in quake-devastated areas through business operations. The construction of the plant holds great significance owing to the contributions it will make, such as employment creation. MOCCA

(Wood Use Integration) Department, which promotes Mocca project<sup>\*3</sup>, will handle the planning, design, and construction for this project, given that the goal of Mocca project is to promote the use of wood building materials in large-scale architectural structures.

\*1 Laminated Veneer Lumber (LVL): Product where veneer is assembled in multiple layers using an adhesive so that the direction of the fibers all run nearly parallel to one another

\*2 An original Obayashi technology that makes it possible to achieve wide spans, short construction time, and low cost by employing a “flammable barrier” design that uses LVL binding materials held by screws

\*3 Comprehensive name for the various projects the group is carrying out to promote the use of wood resources via the development of wood structures and structures using wood building materials

### Details of the property

Business operator	Codomo Energy Inc.
Location	334 & 335 Sunada, Shimo-kawauchi, Kawauchi-mura, Futaba-gun, Fukushima Prefecture
Use	Plants, offices (manufacturing of phosphorescent tiles)
Total floor area	1367.8 square meters
Design	Basic plan: Obayashi and Sumitomo Forestry Working design: Sumitomo Forestry (structural design: Obayashi)
Contractor	Sumitomo Forestry
Structure	Wooden post-and-beam construction method (employ Obayashi Omega wood materials) Semi-fire resistant
No. of floors	Two floors above ground
Construction start date	October 16, 2013
Scheduled date of completion	May 2014 (month the plant is slated to begin operations)