

World-class wood architecture in Lahti

# The Piano Pavilion



*The Piano Pavilion, commissioned by the Wood in Culture Association and sponsored by Dynea together with other leading Finnish wood industry companies, was completed in early June in Ankkurinranta, in the immediate vicinity of the Sibelius Hall in Lahti, Finland.*



*The ash furniture in the café was designed by Tapio Anttila and manufactured at the joinery workshop of the ProPuu Association. The terrace furniture was designed by Kari Virtanen of Nikari Oy in Fiskars. The furniture was acquired thanks to a grant from the Asko Foundation.*



# completed

P I A N O  
P A V I L J O N K I

The building was designed by renowned architect **Gert Wingårdh** from Sweden. His design echoes and celebrates the work of Italian **Renzo Piano**, recipient of the 2000 Spirit of Nature Wood Architecture Award.

## Wood, glass and steel

The Piano Pavilion has a unique design. Its foundation consists of steel columns driven into the bedrock and the glulam frame rests on transverse steel beams. The space is articulated by the load-bearing structures and glass walls, the lightweight roof appears to float above the frame. According to Wingårdh, the building resembles a ship about to be launched. The concave roof opens the building up towards Lake Vesijärvi, and the roof construction is finished by an aspen fringe reminiscent of fish bones.

## Extensive co-operation in the construction

The Piano Pavilion is the result of an extensive co-operation. The building material suppliers gave substantial discounts and donated material, while other companies and foundations gave donations and grants. The main partners of the Wood in

Culture Association in this construction project were Dynea, Finnforest and UPM. Other important contributors were BE Group Oy Ab, Pilkington Lahden Lasitehdas Oy, Suomen Turvalasi Oy and Lasiluoto Oy. For a more complete list of participating companies and institutions, please visit the Wood in Culture website.

## Construction details

The glulam beams of the pavilion frame, the Finnforest roof elements as well as the Kertopuu® beams in the glass roof supports and on the terrace were supplied by Finnforest. The glulam boomerang beams supporting the roof were manufactured by Versowood in Vierumäki.

The WISA special plywood used in the interior was manufactured at the UPM Lahti Mill. The ceiling plywood elements were individually manufactured to the architect's specifications and varnished. The terrace material is UPM ProFi wood plastic composite, also manufactured at the UPM Lahti Mill.

The Saima hardwood flooring was manufactured by Karelia-Upofloor. The glass materials were supplied by Pilkington Lahden Lasitehdas Oy, Suomen Turvalasi Oy and Lasiluoto Oy.

## Piano Pavilion - part of the Wood Architecture Park in Lahti

In the immediate vicinity of the Sibelius Hall concert house, the Piano Pavilion is an important architectural sight interesting to Finnish and international visitors alike. The pavilion is part of the Wood Architecture Park in Lahti, consisting of works designed by the winners of the Spirit of Nature Wood Architecture Award.

## Wood in Culture Association

The Wood in Culture Association promotes the use and image of wood by means of culture. The Association distributes two awards in alternate years: the international Spirit of Nature Wood Architecture Award and the national Spirit of Nature Cultural Award.

## Dynea and the Piano Pavilion

Dynea is an important player in the wood-based product industry's value chain. Dynea customers use our products to produce high quality wood-based products. Therefore, Dynea believes that it has a significant role in supporting the Finnish wood-based product industry.

"We in Dynea feel that building the Piano Pavilion is architecturally noteworthy. To us the Pavilion is an indication of the high esteem with which Finnish wood and wood-based products are held in general," says Mr **Roger Carlstedt**, President and CEO of Dynea. "By participating in and supporting this project, we have wanted to show our commitment to promoting the use of wood in building and construction."

