

HOTEL JAKARTA

AMSTERDAM  BY WESTCORD

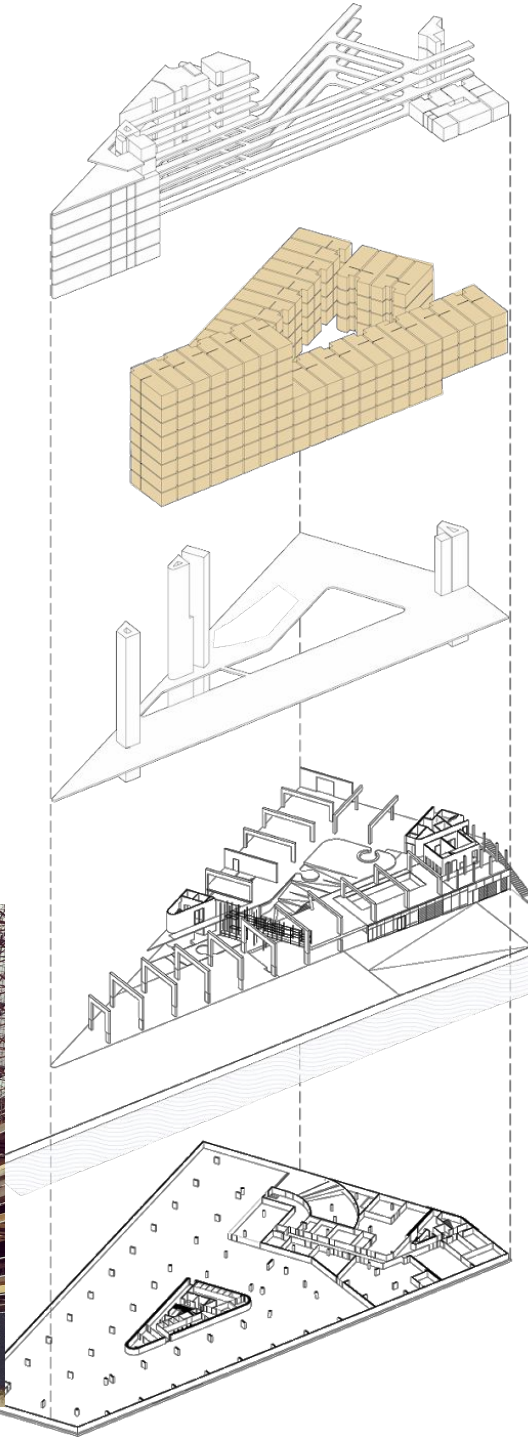
Pascal Lesimanuaja
Sales & Marketing manager

Credits: Thomas Overweg

- Wood high rise (35 meters)
- 90% wood and 10% concrete (20% recycled concrete).
- 6000m³ FSC certified wood
- 176 modules prefab built with CLT
- Finished with bamboo

- BREEAM excellent certified with a total score of 71.8%

BREEAM stands for Building Research Establishment Environmental Assessment Method and is the certification method for a sustainable built environment. With this method, projects can be assessed on integral sustainability. The method was developed by the Building Research Establishment (BRE) and is now used in more than 80 countries worldwide. In total, nearly 600,000 projects already have a BREEAM certificate.



greenhouse as thermo buffer:
for preheating in the winter with
evaporation for cooling in the summer

passive sun protection

natural heat winnings

BIPV in south and east façade, 5%
transparent at the front of parapet
and floor edge 700 m²

underfloor heating/cooling

main support construction in wood

surplus electricity
is sent to the electricity grid

transformer

cold / heat
storage

rain water collection
grey water system for
sprinkling garden.
160,000 liters

300m² glass roof with BIPV
50% transparent

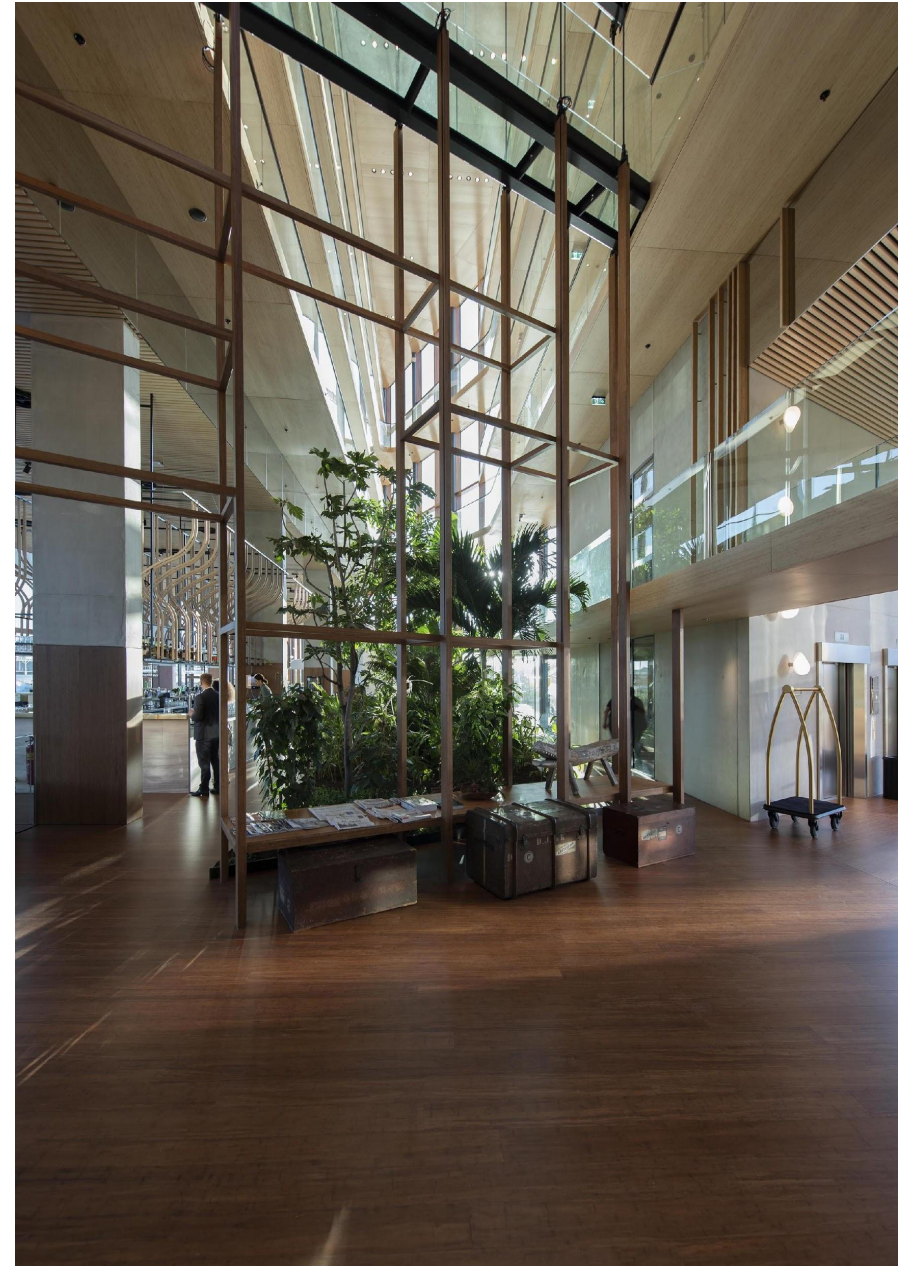
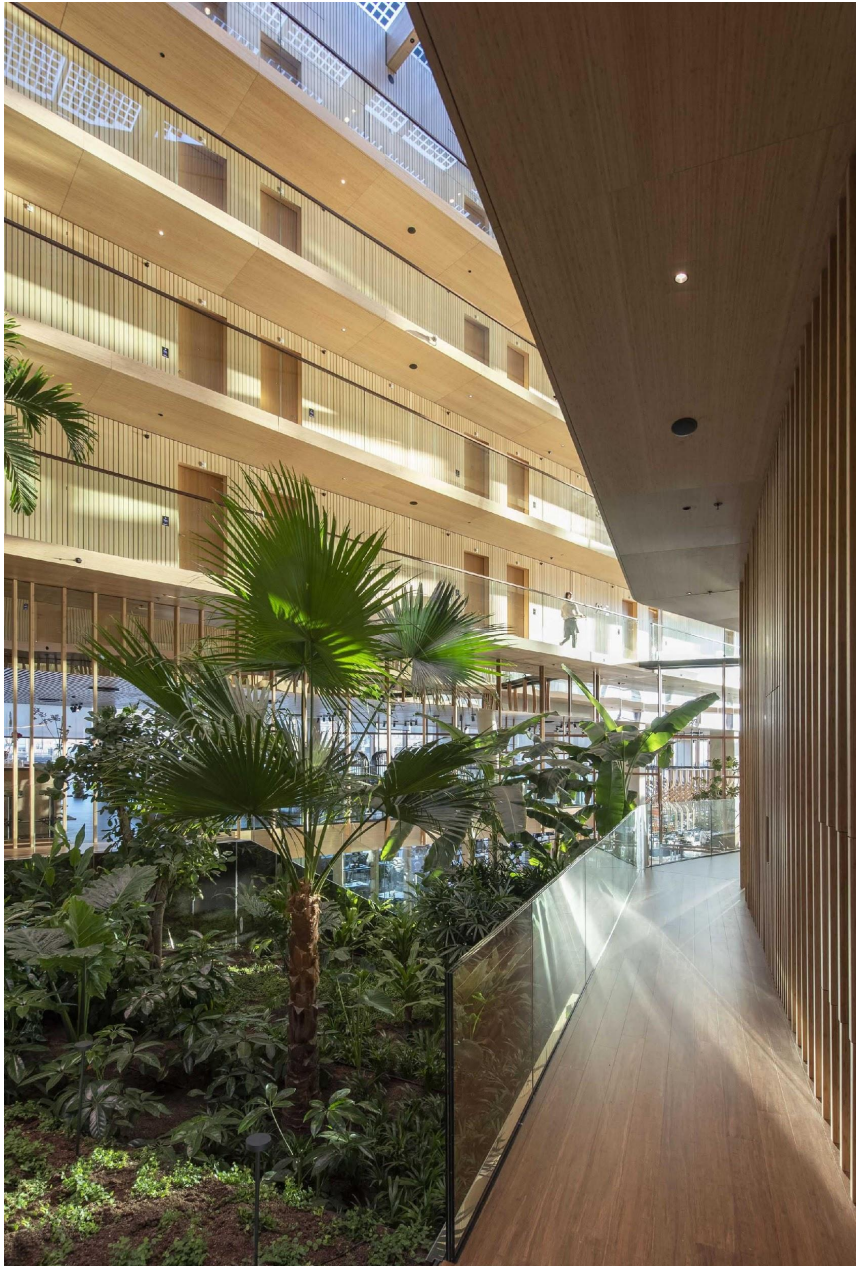
PV panels roof
PV facade
PV Atrium roof
Total installed 272.9 Kwp

climate buffer
single-gas + triple-glass

single-glazed sound insulation

natural ventilation





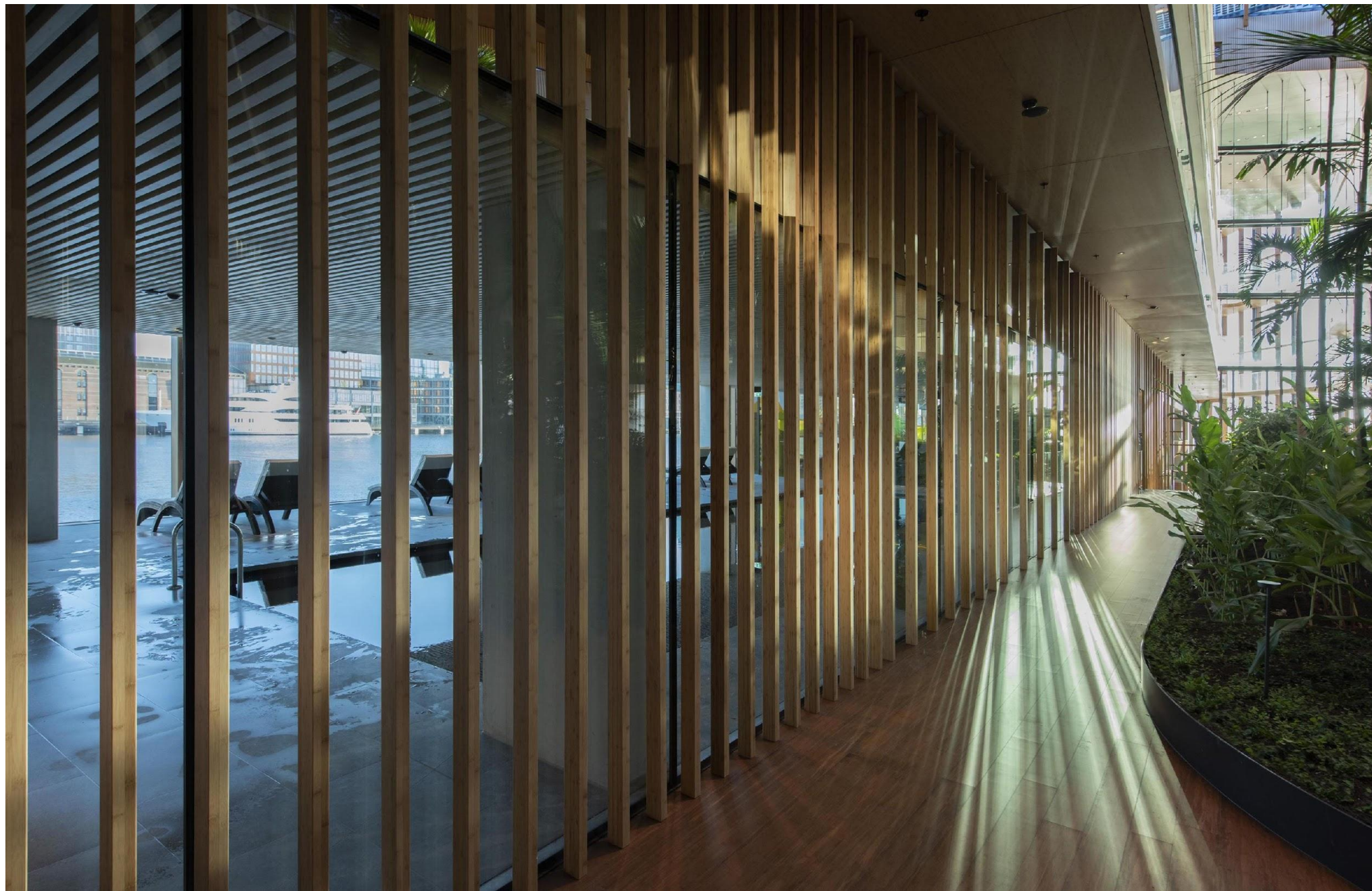
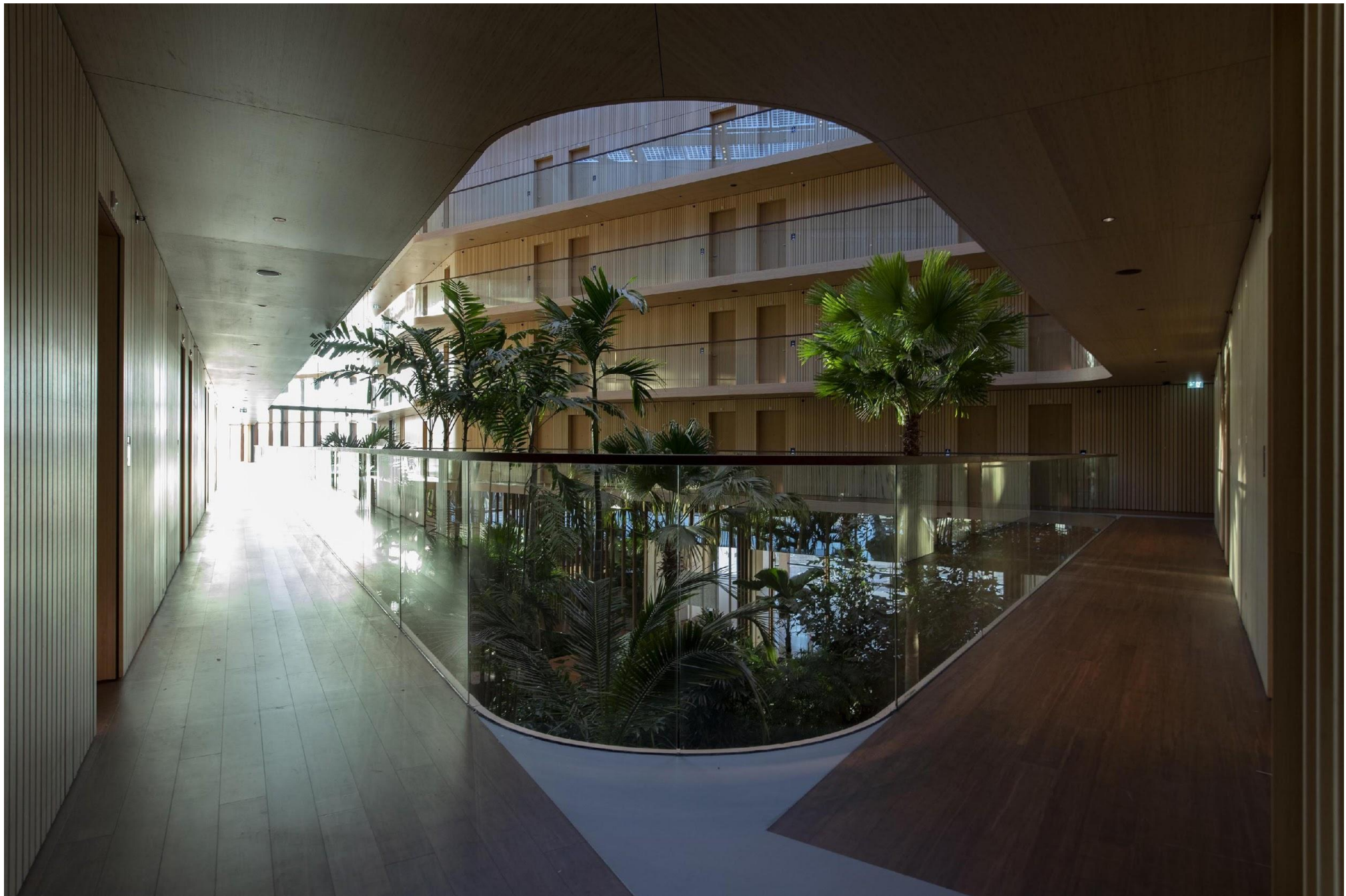


Photo credits SeARCH architects











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