

Xilinx Asia Pacific Headquarters Singapore



Completion
June 2007

Client
Xilinx Asia Pacific Pte Ltd

Value
US\$40million

Lend Lease involvement
Design & Construction (GMP)

Highlights

Bovis Lend Lease created a greener building, and generated a substantial financial return for Xilinx, with the project's sustainability initiatives expected to save the client S\$500,000 in operating costs.



Xilinx, the world's leading provider of programmable logic devices and semiconductors, engaged the design and construction team from Bovis Lend Lease to lead the incorporation of sustainable elements into their new Asia Pacific Headquarters.

Bovis Lend Lease's focus on sustainability led to an additional 1.1 percent investment in construction, however has created a more efficient building which is anticipated to result in operational savings of S\$500,000 annually.

Project Scope

Located at Changi Business Park, Xilinx's 6-storey headquarters also includes an additional one level of basement carparking.

The 20,000 square metre building accommodates 500 employees and numerous technical facilities including warehousing; test floor and labs; and general offices

The development design resembles a town centre, with the majority of the buildings 200 car parking spaces underground and hidden from view. A combination of indoor/outdoor terraces and gardens have also been incorporated in the design, along with trellises and water features using locally made materials, giving the building a tropical feel. Many of the gardens are irrigated using condensation generated by the building's air conditioning systems.

Leadership in Sustainability

Sustainable innovations include a façade that allows optimum natural daylight with minimum heat and glare, a water recycling system, low-energy lighting and green materials such as low VOC paint and carpets. A unique feature is the re-use of discarded silicon chips, normally a waste product, to create signage on every level of the building.

Awards

The building was awarded a Green Mark Platinum rating in recognition of its sustainable credentials.