

# TROX MALAYSIA WINS ASIAN EXPORT AWARD FOR COMMERCIAL BUILDING CONSTRUCTION

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The TROX chilled beam system uses water to transfer energy, which provides a healthier indoor environment by eliminating the need to recirculate contaminated air. Singapore Business Review and Hong Kong Business magazines acknowledged Asia's leading export companies and their trailblazing products and services in the recently concluded Asian Export Awards 2018.

On its inaugural year, the Asian Export Awards lauds exceptional products and services that have remarkably enhanced a company's business in the regional export scene. This pinnacle event for Asia's best exporters is open to two divisions—the large corporate for big companies with group turnover of over \$300m and the local champion for small or medium-sized enterprises. TROX Malaysia Sdn Bhd won the Asian Export Award for commercial building construction under the local champion division.

TROX Malaysia is a subsidiary of TROX GmbH in Germany and is a leader in the development, manufacture and sales of products and systems for the ventilation and air conditioning of commercial buildings, tunnels and oil and gas facilities.

It prides itself on its unique chilled beam system, which utilises water to transport energy to sensibly cool down the occupied zone. Unlike conventional, all-air systems where air supply is used for fresh air and cooling purposes, the chilled beam system uses only sufficient fresh air for its occupants with the necessary cooling handled by water. Compared to these conventional systems, TROX chilled beam systems also consume less energy and offer excellent thermal comfort condition with minimal risk of draught.

TROX Chilled beam systems are regarded as the most space efficient and eco-friendly way of heating and cooling a building. Since they use water instead of air for energy transfer, the system is also more energy efficient. In addition they provide full flexibility for the arrangement of office furniture in any open office concept. Because the floor to floor height can be reduced because large ducts are not needed in the ceiling void, they also enable considerable cost savings to be realised during the civil construction of the building.

TROX chilled beam systems also require minimal maintenance since they have fewer electrical and moving mechanical parts, making them easier to maintain.

Amongst many export successes, TROX recently supplied 792 units of active chilled beams and Volume Flow Limiter (VFL) to the Electricity Generating Authority of Thailand (EGAT).

EGAT is Thailand's largest power producer and leading state-owned power utility, which is responsible for electric power generation and transmission for the whole country as well as bulk electric energy sales. The EGAT building has been equipped with the highest sustainability standards to provide optimum workplace conditions and a tranquil environment, which leads to higher performance and better health of its employees.

The Asian Export Awards 2018, co-presented by Singapore Business Review and Hong Kong Business magazines, was held on November 20 at the Conrad Centennial Singapore.

This year's nominations were judged by a panel consisting of Vikas Sharma, Corporate Finance Director at Deloitte Southeast Asia; Marc Philip, Senior Partner, South East Asia Operations Consulting Leader & Singapore Management at PricewaterhouseCoopers Consulting (Singapore) Pte Ltd; Kuntha Chelvanathan, Partner Supply Chain and Operations at Ernst & Young Advisory Pte. Ltd.; and Chong Cheng Yuan, Partner & Industry Lead, Industrial Manufacturing at RSM.