

## REFERENCES BANGALORE | INDIA

## INTERNATIONAL TECH PARK, BANGALORE (ITPB)

**India has, in recent years, emerged as a key player in the global IT market. As a result, the country is attracting international investments and new, efficient, business parks are springing up everywhere. Combined cooling, heating and power plants make for a better working environment.**

The 69-acre ITPB is the first hi-tech park of its kind in India, and is designed to provide a complete 'work-live-play' environment for IT and technology-related businesses. It fully integrates a practical amalgamation of office, production and retail space. To date, the Park has a total built-up area of close to 2.3 million sq.ft. (214,000 m<sup>2</sup>).

ITPB currently has six multi-tenanted buildings that are fully occupied and

has land available and ready for further expansion. It is the first business space facility in India to house a shopping mall and to organize regular fun and fitness events for its occupants. The mall offers fully functional banks, ATMs, foreign exchange facilities, courier, lifestyle stores, a laundry service, a wide range of F&B outlets, medical clinic and a health club, thereby offering a wide range of conveniences to the occupants. Truly a 'World in a Park', ITPB houses more than 130 companies employing over 20,000 employees.

Businesses located at ITPB are involved in key growth industries, including information technology, biotechnology, electronics, telecommunications, R&D, financial services, and other IT-related services.

Over 26 acres of land within ITPB has been notified as IT/ITES SEZ and earmarked for further development for multi-tenanted and built-to-suit buildings.

The success of this landmark development has made the Park an iconic benchmark for other Indian states vying to set up world-class infrastructure of their own to attract investments. Since it started operations in 1997, ITPB has won accolades for its ability to attract global corporations to Bangalore.

Power to the ITPB Bangalore property is produced by a liquid fuel based Wärtsilä combined cooling, heating and power (CCHP) solution, comprising three Wärtsilä 9R32 generating 9 MW and one Wärtsilä 18V32 engine of 7.5 MW capacity, with chilled water recovered from engine waste heat totaling to 7560 kW<sub>chilling</sub> (2150 TR) through absorption chillers. The remaining comfort cooling requirement is generated through electrical chillers.

■ Fig 1. – The International Tech Park in Bangalore, India, is powered and chilled by an efficient Wärtsilä combined cooling, heating and power plant.

