



## Fact Sheet about Castelo Branco Energy Efficiency Leader Award

- Tishman Speyer First in Brazil to Receive Award –

<p><b>What's Happening</b></p>	<p>Castelo Branco Office Park, a new commercial office development by Tishman Speyer, in Barueri, São Paulo, Brazil, features environmentally responsible infrastructure systems that optimize comfort and productivity for occupants while conserving energy.</p> <p>Because of the company's demonstrated commitment to energy efficiency, Tishman Speyer will receive the Trane "<b>Energy Efficiency Leader Award</b>" on April 29. Tishman Speyer will be the first in Brazil to receive this honor. The Energy Efficiency Leader Award honors an organization for optimizing its physical environment and its operational efficiency.</p>
<p><b>About Castelo Branco</b></p>	<p>Tishman Speyer, initiated work on Castelo Branco Office Park in 2008. They are developing the 27-acre property in phases as the demand for high-quality office space outside São Paulo's downtown area grows. When completed, the office park will feature six towers, ranging from 14 to 26 stories each, with a one-story administration building housing parking and services. The initial tower, which will offer 14 floors with 1900 m<sup>2</sup> (20.452 ft<sup>2</sup>) per floor, is under construction.</p> <p>A new tower is scheduled for completion each of the next five years. The buildings will surround a large central square featuring pedestrian walkways, landscaping, coffee kiosks and relaxation areas. Tishman Speyer has also identified areas for shops and convention centers on the ground level of the complex.</p>
<p><b>About Tishman Speyer</b></p>	<p>Based in (São Paulo, SP Brazil), Tishman Speyer is one of the leading owners, developers, investment managers and operators of first class real estate in the world. The company's commitment to excellence and its mission to create value for its investors and tenants puts Tishman Speyer at the forefront of the real estate industry as it acquires and develops properties and manages its portfolio.</p>
<p><b>Selected Systems</b></p>	<p>The initial R\$50 million project for the first 14-story tower includes 16 water-cooled heating, ventilation and air conditioning (HVAC) systems and one air-cooled HVAC system. Rather than using a chilled water system plant for the entire building, Tishman opted to use approximately one HVAC unit per floor.</p> <p>Research has shown that water-cooled systems are especially efficient. A recent study conducted by San Francisco-based Pacific Gas &amp; Electric Co. (PG&amp;E) showed that, in a typical 100,000-square-foot building in Fresno, Calif., an air-cooled condenser system would consume 130 percent more kilowatt-hours than a water-cooled system.</p>

### About Trane

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