

11.04.2014 - 13:00 Uhr

ThyssenKrupp fosters elevator technology development by building landmark test tower in Rottweil, Germany (FOTO)



Essen (ots) -

Ongoing global urbanization is estimated to require the construction of an additional 85% of existing floor space by 2025, with mid and high-rise buildings proving to be the best response for environment and cost challenges. ThyssenKrupp's elevator technology enables the release of significant areas for additional rent revenues.

ThyssenKrupp's landmark new test tower will stand at 244 metres and is set to become one of the tallest structures in Germany. The new structure will be used to test elevators for mid and high-rise buildings before and while the buildings are being constructed, thus reducing installation times. Additionally the tower, designed by the renowned architect Helmut Jahn, will be a flagship structure in southern Germany, serving as a tourist attraction where visitors can view an entire panorama of the region from the tower's top platform, the tallest observation spot in Germany.

The tower will enable the testing of new solutions to meet new demands, reduce the space occupied by elevators to increase commercial renting areas and increase speeds up to 18 metres per second, twice as fast as Usain Bolt's 100-metre world record. These speed and energy improvements translate to travel times of a mere 90 seconds to reach the top of a 1.5 km-high building, which is taller than any existing building but already foreseen as a reality in the future. Representing an investment of more than 40 million euros, the new test tower combined with ThyssenKrupp's Neuhausen elevator manufacturing site and Pliezhausen R&D development centre will generate a cluster of innovation in the region in elevator technology.

More information available here:

<http://ots.de/7s1le>

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ThyssenKrupp presents architecture of the proposed test tower in Rottweil. The tower will support research and development for future elevator innovations for the highest buildings in the world. The public accessibility makes it unique: The visitors platform at 232 meters above sea level is the highest in Germany. Editorial use of this picture is free of charge. Please quote the source: "obs/Philipp Brem/ThyssenKrupp Elevator AG"



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