Shanghai Tower

**Facts**

Official Name: Shanghai Tower  
Other Names: Shanghai Center  
Structure Type: Building  
Status: Completed  
Country: China  
City: Shanghai  
Street Address & Map: Lujiazui Financial Center, Pudong New Area  
Postal Code: 200120  
Building Function: hotel / office  
Structural Material: composite  
- Core: Reinforced Concrete  
- Columns: Concrete Encased Steel  
- Floor Spanning: Steel  

Energy Label: LEED Platinum BD+C: Core and Shell  
Proposed: 2008  
Construction Start: 2009  
Completion: 2015  
Official Website: Shanghai Tower  

**Rankings**

Global Ranking: #2 Tallest in the World  
Regional Ranking: #1 Tallest in Asia  
National Ranking: #1 Tallest in China  
City Ranking: #1 Tallest in Shanghai  

**Companies Involved**

Owner/Developer: Shanghai Tower Construction & Development  
Architect:  
- Design: Gensler  
- Architect of Record: Tongji Architectural Design (Group) Co., Ltd.  
- Peer Review: East China Architectural Design & Research Institute  
Structural Engineer:  
- Design: Thornton Tomasetti  
- Engineer of Record: Tongji Architectural Design (Group) Co., Ltd.  
- Peer Review: China Academy of Building Research  
MEP Engineer:  
- Design: Cosentini Associates; Aurecon  
- Engineer of Record: Tongji Architectural Design (Group) Co., Ltd.  
- Peer Review: WSP | Parsons Brinckerhoff  
Project Manager: Shanghai Jianke Engineering Consulting Co., Ltd.  
Main Contractor: Shanghai Construction Group  
Other Consultant:  
- Cost: Shanghai Shenyuan Property Consultants; Rider Levett Bucknall  
- Damping: RWDI  
- Energy Concept: CEES-Advisors; Koolx; Vidaris, Inc.  
- Façade: EFC Engineering Consulting Company, Ltd; Aurecon  
- Fire: Rolf Jensen & Associates  
- Geotechnical: STS Consultants, Ltd.  
- Landscape: SWA Group  
- LEED: WSP | Parsons Brinckerhoff  
- Life Safety: Arup  

**Height:**  
- To Tip: 632 m / 2,073 ft  
- Architectural: 632 m / 2,073 ft  
- Occupied: 583.4 m / 1,914 ft  

**Floors:**  
- Above Ground: 128  
- Below Ground: 5  
- Hotel Rooms: 258  
- Parking Spaces: 1,794
About Shanghai Tower

As the third tower in the trio of signature skyscrapers at the heart of Shanghai’s new Lujiazui Finance and Trade Zone, Shanghai Tower embodies a new prototype for tall buildings. Placed in close proximity to Jin Mao Tower and Shanghai World Financial Center, the new tower rises high above the skyline, its curved façade and spiraling form symbolizing the dynamic emergence of modern China. But its twisting form goes beyond just creating a unique appearance; wind tunnel tests confirm a 24 percent savings in structural wind loading when compared to a rectangular building of the same height.

More than a landmark, the mixed-use tower offers a sustainable way of living in a vertical city, with a unique mix of restaurants, shops, offices, and hotels spaced throughout the building. The tower’s program is organized into nine vertical zones. Each of these vertical neighborhoods rise from a sky lobby, a light-filled garden atrium that creates a sense of community and supports daily life with a varied program catering to tenants and visitors. The sky lobbies function much like traditional town plazas and squares, bringing people together throughout the day. These civic spaces recall the city’s historic open courtyards, which merge interiors with exteriors in a landscaped setting.

Shanghai Tower is one of the most sustainably advanced tall buildings in the world. A central aspect of its design is the transparent second skin that wraps around the entire building. The ventilated atriums it encloses conserve energy by modulating the temperature within the void. The space acts as a buffer between the inside and outside, warming up the cool outside air in the winter and dissipating heat from the interior in the summer. The tower also notably employs a tri-cogeneration system, a grey water/rainwater system, and several renewable energy sources.
To submit more information or donate images for this project, please use our submission portal.