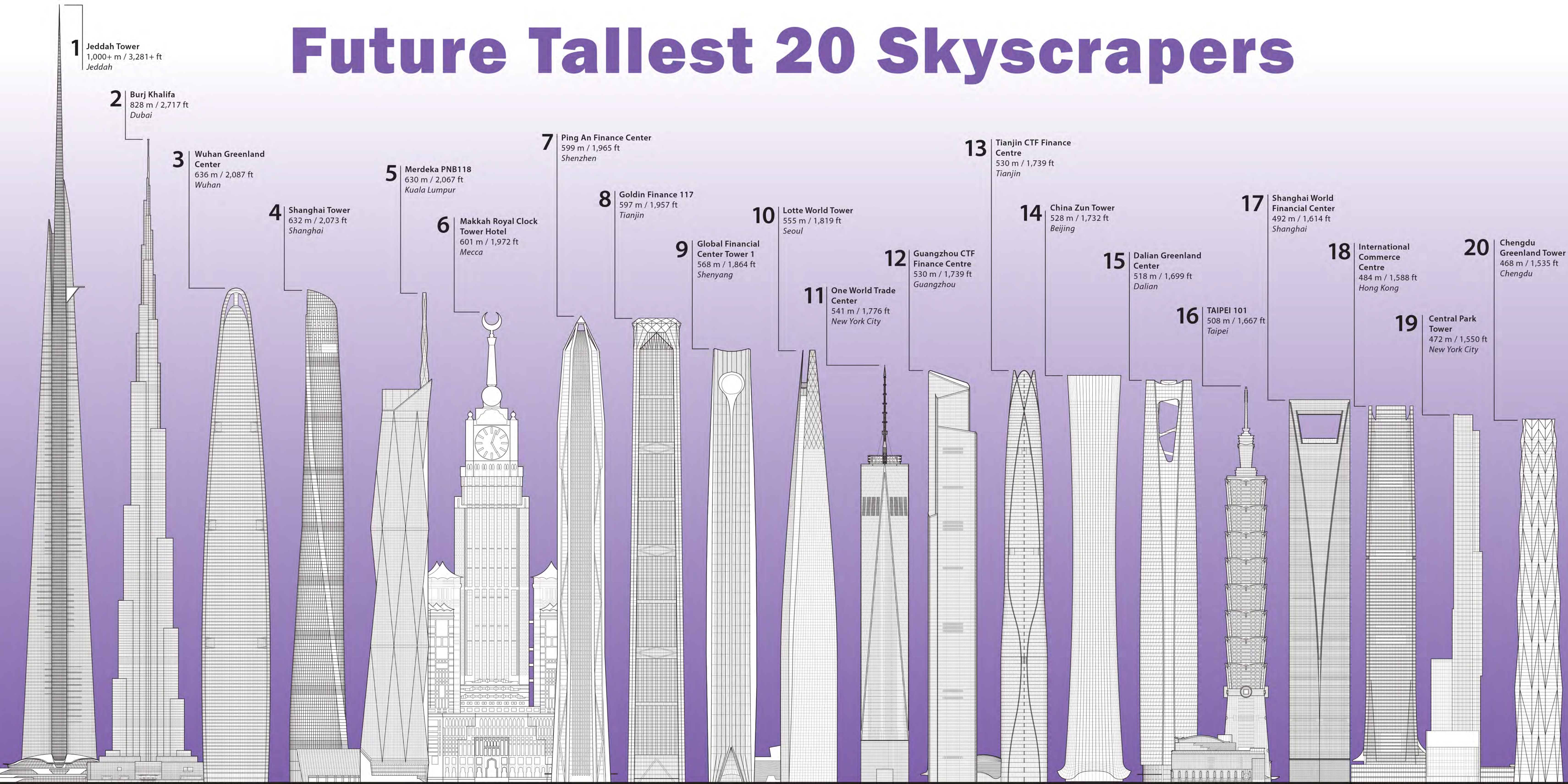


Future Tallest 20 Skyscrapers



1 Jeddah Tower
1,000+ m / 3,281+ ft
Jeddah

2 Burj Khalifa
828 m / 2,717 ft
Dubai

3 Wuhan Greenland Center
636 m / 2,087 ft
Wuhan

4 Shanghai Tower
632 m / 2,073 ft
Shanghai

5 Merdeka PNB118
630 m / 2,067 ft
Kuala Lumpur

6 Makkah Royal Clock Tower Hotel
601 m / 1,972 ft
Mecca

7 Ping An Finance Center
599 m / 1,965 ft
Shenzhen

8 Goldin Finance 117
597 m / 1,957 ft
Tianjin

9 Global Financial Center Tower 1
568 m / 1,864 ft
Shenyang

10 Lotte World Tower
555 m / 1,819 ft
Seoul

11 One World Trade Center
541 m / 1,776 ft
New York City

12 Guangzhou CTF Finance Centre
530 m / 1,739 ft
Guangzhou

13 Tianjin CTF Finance Centre
530 m / 1,739 ft
Tianjin

14 China Zun Tower
528 m / 1,732 ft
Beijing

15 Dalian Greenland Center
518 m / 1,699 ft
Dalian

16 TAIPEI 101
508 m / 1,667 ft
Taipei

17 Shanghai World Financial Center
492 m / 1,614 ft
Shanghai

18 International Commerce Centre
484 m / 1,588 ft
Hong Kong

19 Central Park Tower
472 m / 1,550 ft
New York City

20 Chengdu Greenland Tower
468 m / 1,535 ft
Chengdu

1 Jeddah Tower
Jeddah, Saudi Arabia
Height: 1,000+ m/3,281+ ft
Completion Date: 2019
Building Use: Residential/Service Apartments/Hotel/Office
Owner/Developer: Jeddah Economic Company/Kingdom Holding Company
Architect: Adrian Smith + Gordon Gill Architecture (design); Ove Arup Group (architect of record)
Structural Engineer: Thornton Tomasetti
MEP Engineer: Environmental Systems Design

2 Burj Khalifa
Dubai, UAE
Height: 828 m/2,717 ft
Completion Date: 2010
Building Use: Office/Residential/Hotel
Owner/Developer: Emaar Properties
Architect: Skidmore, Owings & Merrill LLP (design); Foster + Partners (architect of record)
Structural Engineer: Skidmore, Owings & Merrill LLP (design); Hybrid Consulting (engineer of record)
MEP Engineer: Skidmore, Owings & Merrill LLP

3 Wuhan Greenland Center
Wuhan, China
Height: 636 m/2,087 ft
Completion Date: 2018
Building Use: Hotel/Residential/Office
Owner/Developer: Greenland Bin Jiang Property Co. Ltd
Developer: Greenland Group
Architect: Adrian Smith + Gordon Gill Architecture (design); ECADI (architect of record)
Structural Engineer: Skidmore, Owings & Merrill LLP (design); Hybrid Consulting (engineer of record)
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd

4 Shanghai Tower
Shanghai, China
Height: 632 m/2,073 ft
Completion Date: 2015
Building Use: Hotel/Office
Owner/Developer: Shanghai Tower Construction & Development
Architect: Gensler (design); Tongji Architectural Design (Group) Co., Ltd. (architect of record); ECADI (architect of record)
Structural Engineer: Thornton Tomasetti (design); Tongji Architectural Design (Group) Co., Ltd. (engineer of record)
MEP Engineer: Cosentini (design); Tongji Architectural Design (Group) Co., Ltd. (engineer of record)

5 Merdeka PNB118
Kuala Lumpur, Malaysia
Height: 630 m/2,067 ft
Completion Date: 2020
Building Use: Hotel/Office
Developer: PNB Merdeka Ventures SDN.Berhad
Architect: Foster + Partners; RSP Architects; S&B Bhd
Structural Engineer: Leslie E. Robertson Associates; Robert Bird Group (design); Arup (engineer of record)
MEP Engineer: KTA Tenaga S&B Bhd

6 Makkah Royal Clock Tower Hotel
Mecca, Saudi Arabia
Height: 601 m/1,972 ft
Completion Date: 2012
Building Use: Hotel/Office
Owner: Ministry of Islamic Affairs
Developer: Saudi Bin Laden Group
Architect: Dar al-Hadithah Shaif & Partners; St. Rocco
Structural Engineer: Dar al-Hadithah Shaif & Partners; St. Rocco
MEP Engineer: Dar al-Hadithah Shaif & Partners

7 Ping An Finance Center
Shenzhen, China
Height: 599 m/1,965 ft
Completion Date: 2016
Building Use: Office
Owner/Developer: Ping An Life Insurance Company of China; Ping An Financial Center Construction & Development
Architect: Kohn Pedersen Fox Associates (design); China Construction Design International (architect of record)
Structural Engineer: Thornton Tomasetti
MEP Engineer: J. Roger Preston Group

8 Goldin Finance 117
Tianjin, China
Height: 597 m/1,957 ft
Completion Date: 2018
Building Use: Office
Owner/Developer: Goldin Properties Holdings Ltd
Architect: P & T Group (design); ECADI (architect of record)
Structural Engineer: Arup
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd

9 Global Financial Center Tower 1
Shenyang, China
Height: 568 m/1,864 ft
Completion Date: 2018
Building Use: Office
Developer: Baosheng Real Estate Development
Architect: Atkins (design); Shenzhen General Institute of Architectural Design and Research Co., Ltd. (architect of record)
Structural Engineer: B&B Architectural Engineering Design Associates; Shenzhen General Institute of Architectural Design and Research Co., Ltd.
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd; Shenzhen General Institute of Architectural Design and Research

10 Lotte World Tower
Seoul, South Korea
Height: 555 m/1,819 ft
Completion Date: 2016
Building Use: Hotel/Office
Owner/Developer: LOTTE
Architect: Kohn Pedersen Fox Associates (design); B&B Architects (architect of record)
Structural Engineer: Leslie E. Robertson Associates (design); Cheong Minwoo Structural Consultants (engineer of record)
MEP Engineer: ST204 Hentzeny Group

11 One World Trade Center
New York City, USA
Height: 541 m/1,776 ft
Completion Date: 2014
Building Use: Office
Owner: One World Trade Center LLC
Developer: Dutch Organization; Port Authority of New York and New Jersey
Architect: Skidmore, Owings & Merrill
Structural Engineer: WSP Group; Schlich Bergmann and Partner
MEP Engineer: Arco Baum & Bolle

12 Guangzhou CTF Finance Centre
Guangzhou, China
Height: 530 m/1,739 ft
Completion Date: 2018
Building Use: Hotel/Residential/Office
Owner: Chow Tai Fook Enterprises
Developer: New World Development Company Limited
Architect: Kohn Pedersen Fox Associates (design); Guangzhou Design Institute; Leigh & Orange (architect of record)
Structural Engineer: Arup (design)
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd

13 Tianjin CTF Finance Centre
Tianjin, China
Height: 530 m/1,739 ft
Completion Date: 2018
Building Use: Hotel/Residential/Office
Owner/Developer: Tianjin New World Huan Ba Hai Real Estate Development Co. Ltd.; New World Development Company Limited
Architect: Skidmore, Owings & Merrill (design); Ronald Lee & Partners; ECADI (architect of record)
Structural Engineer: Skidmore, Owings & Merrill (design)
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd

14 China Zun Tower
Beijing, China
Height: 528 m/1,732 ft
Completion Date: 2028
Building Use: Office
Owner/Developer: CITIC NEV Investment Co., Ltd.
Architect: JDP Farrell (concept); Kohn Pedersen Fox Associates (concept & design); Beijing Institute of Architectural Design (BIAD) (concept & architect of record); CITIC General Institute of Architectural Design & Research Co., Ltd. (architect of record)
Structural Engineer: Arup (design); B&B (engineer of record)
MEP Engineer: Parsons Brinckerhoff Consultants Pte Ltd (design); B&B (engineer of record)

15 Dalian Greenland Center
Dalian, China
Height: 518 m/1,699 ft
Completion Date: 2019
Building Use: Hotel/Residential/Office
Owner/Developer: Greenland Group
Architect: JDP Farrell; ECADI (architect of record)
Structural Engineer: ECADI
MEP Engineer: ECADI

16 TAIPEI 101
Taipei, Taiwan, China
Height: 508 m/1,667 ft
Completion Date: 2004
Building Use: Hotel/Office
Owner/Developer: Taipei Financial Center Corporation
Architect: CY Lee & Partners Architects/Partners
Structural Engineer: Evergreen Engineering (design); Thornton Tomasetti (design)
MEP Engineer: Continental Engineering Consultants, Inc.

17 Shanghai World Financial Center
Shanghai, China
Height: 492 m/1,614 ft
Completion Date: 2008
Building Use: Hotel/Office
Owner/Developer: Shanghai World Financial Center Co. Ltd.
Developer: Mori Building
Architect: Kohn Pedersen Fox Associates; He Miyake Architects and Engineers; Mori Building (design); ECADI (architect of record)
Structural Engineer: Arup (architect of record)
Structural Engineer: Leslie E. Robertson Associates
MEP Engineer: Kanchiku Satsuki Seki Kankyo

18 International Commerce Centre
Hong Kong, China
Height: 484 m/1,588 ft
Completion Date: 2010
Building Use: Residential/Hotel/Retail
Owner/Developer: Sun Hung Kai Properties
Architect: Kohn Pedersen Fox Associates (design); Wong & Ouyang (architect of record)
Structural Engineer: Arup
MEP Engineer: J. Roger Preston Group

19 Central Park Tower
New York City, USA
Height: 472 m/1,550 ft
Completion Date: 2019
Building Use: Residential/Hotel/Retail
Developer: East Development Corporation; S&W USA
Architect: Adrian Smith + Gordon Gill Architecture (design); ECADI (architect of record)
Structural Engineer: WSP Group

20 Chengdu Greenland Tower
Chengdu, China
Height: 468 m/1,535 ft
Completion Date: 2019
Building Use: Hotel/Office
Developer: Greenland Group
Architect: Adrian Smith + Gordon Gill Architecture (design); ECADI (architect of record)
Structural Engineer: Thornton Tomasetti
MEP Engineer: PostiEnergy Practice