

Tall Buildings in Numbers

Tall Timber: A Global Audit

This map highlights several examples of tall timber buildings currently built, under construction, or proposed around the world (see page 47 for table).

Framework

Status: Proposed

seismic activity.

Location: Portland

Framework uses an unusual "Low Damage" post-tensioning system in its cross-laminated timber

River Beech Tower, Chicago

This concept tower uses an

innovative system of diagrids and

height (see page 40 for more details).

prefabricated modules to gain

(CLT) shear walls, to counter

Origine

Status: Under Construction

Set to become the new tallest

all-timber building in North

Location: Quebec

America in Fall 2017.



TallWood House at Brock Commons

Status: Architecturally Topped Out Location: Vancouver

Due to be the largest mass-timber building in the world at opening.



Terrace House

Status: Proposed Location: Vancouver

This residential tower will be a hybrid timber-concretesteel structure, using locallysourced wood.



VISIONS

Stadthaus

Status: Completed, 2009

Location: London

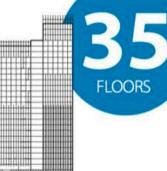
The first high-density housing building to be built from pre-fabricated cross-laminated timber panels.



Baobab

Status: Proposed Location: Paris

The wood used in this building sequesters 3,700 metric tons of CO2, equal to operating 2,207 cars for a year.



Life Cycle Tower (LCT) One

Status: Completed, 2012 Location: Dornbirn

Status: Completed, 2015

The current tallest timber

Treet stacks CLT modules

on every 4th floor, which

building in the world,

Location: Bergen

is a concrete slab.

This experimental building had a fire-safety strategy so robust, sprinklers were deemed unnecessary.



НоНо

Status: Under Construction

Currently under construction,

this mixed-use tower is set to

become the world's next tallest

Location: Vienna

timber building.

Abebe Court Tower

The first major tall timber

building proposed for Africa,

live plants on several open-air

this project would support

Status: Proposed

Location: Lagos

skygarden levels.

Kulturhus Skellefteå

Status: Proposed Location: Skellefteă

The first floor of the museum portion of the complex will express its timber structure dramatically with wooden steps and widespanning, column-free spaces.



Mjøstårnet Status: Proposed Location: Brumunddal

The top seven floorplates will be cast concrete, to give extra stability to an almost 100% wood structure.

HAUT

Status: Proposed Location: Amsterdam

The project will store 3 million kg of carbon in its cross-laminated pieces and is planned to achieve BREEAM Outstanding rating.



5 King Status: Proposed

Location: Brisbane The designers of

this building chose engineered timber to deliver a contemporary, healthful office interior.

Status: Completed, 2013 Location: Melbourne

Australia's first masstimber high-rise was the world's tallest when completed in 2013.

Fortè Tower

HSB 2023 - Vasterbroplan, Stockholm This 34-floor project would use

pillars and beams constructed of solid and cross-laminated timber. **SOM Timber Tower, Chicago** This building reimagines the 40-story concrete Plaza on Dewitt in wood.

Oakwood Tower, London At 80 stories and 300 meters, this building would be London's second-tallest building if it were actually built today.

Tratoppen, Stockholm The wood panels cladding this envisioned building would be shaped as the number of each floor.

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