

Vertical forest building to improve air quality in China



An artistic rendering of the vertical forest towers planned for Nanjing. [Photo from the official website of designer Stefano Boeri Architetti]

Nanjing of East China's Jiangsu province will become the third city in the world where Italian architect Stefano Boeri will build Vertical Forest buildings, which could possibly improve the city's air quality, according to CNET, an American media outlet on technology.

In architect Boeri's design, a set of two towers will be stylized with around 1,100 trees and a combination of over 2,500 shrubs and plants, which is believed to make 60 kilograms of oxygen every day by absorbing carbon dioxide.

The two towers are expected to be completed by next year and will stand at 107m and 199m tall respectively. The shorter building will house a Hyatt

hotel, while the taller one will be home to a museum, offices and an architecture school.

Two previous vertical forest buildings were built in Milan, Italy, and Lausanne, Switzerland.

Boeri's plan in China is much more ambitious as similar structures are also planned for Shanghai, southwestern Chongqing, northern Shijiazhuang and southern Liuzhou.