

# What's special in the world's most 'livable' city under construction by Toyota?

The Japanese automaker recently revealed on stage CES 2020 plans to build a future city.

Have you ever imagined living in a city with autonomous transport networks, roads allotted by vehicle speed, houses built with environmentally friendly materials and fully contained? Are connected devices, public areas with service robots and artificial intelligence-based medical services available? Such a 'dream city' exists in the ambitious project of Toyota.

Japanese automaker recently revealed on stage CES 2020 plans to build a "future city" with features that seem to exist only in sci-fi movies called 'Woven City'.



The city is built on a land area of 70.7km<sup>2</sup>, which is used to test Toyota's new technologies in a 'real-life' environment, especially in the development of self-driving vehicles. . Because it is planned to be a green city, Woven City's energy source will be provided primarily by hydrogen fuel cell systems (combined with solar energy), while also having a transportation network. 100% electrically autonomous public transport, along with designated roads at speed to ensure safety.

Behind the design of Woven City is the famous Danish architect Bjarke Ingels, the author of countless iconic architectural works in the world such as New York World Trade Center or Denmark Lego House .

'People, buildings, vehicles, service robots . All are connected, communicating with each other via data and sensors. We will accelerate the deployment of AI technology testing in both virtual and physical fields to maximize its potential, "said Akio Toyoda, president of Toyota Motor Corporation.

Some salient features in Woven City that you will not find in any metropolis in the world today:

1. The routes will be arranged according to vehicle speed. These include roads for high-speed travel, a mixture of slower vehicles, pedestrian and private vehicles, and finally, pedestrian-only roads.
2. There will be an automated freight network as well as passenger transportation.
3. 100% of vehicles run on green energy sources (mainly electricity).
4. In each house, there will be many types of support robots.
5. The works will be mainly constructed of wood, and the construction will be supported by robots.

The Woven City project is currently at an early stage. As planned, the city will welcome the first 2,000 residents after its inauguration. Researchers experimenting with AV, AI and operating robots will account for a large portion of the city's original population. In addition, Toyota said that 'retired employees, retailers, scientists and industry partners' will be invited to live in this city, opening up future research partnerships. .

You finished reading the article "**What's special in the world's most 'livable' city under construction by Toyota?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.