

# Toyota City's Smart City Initiatives

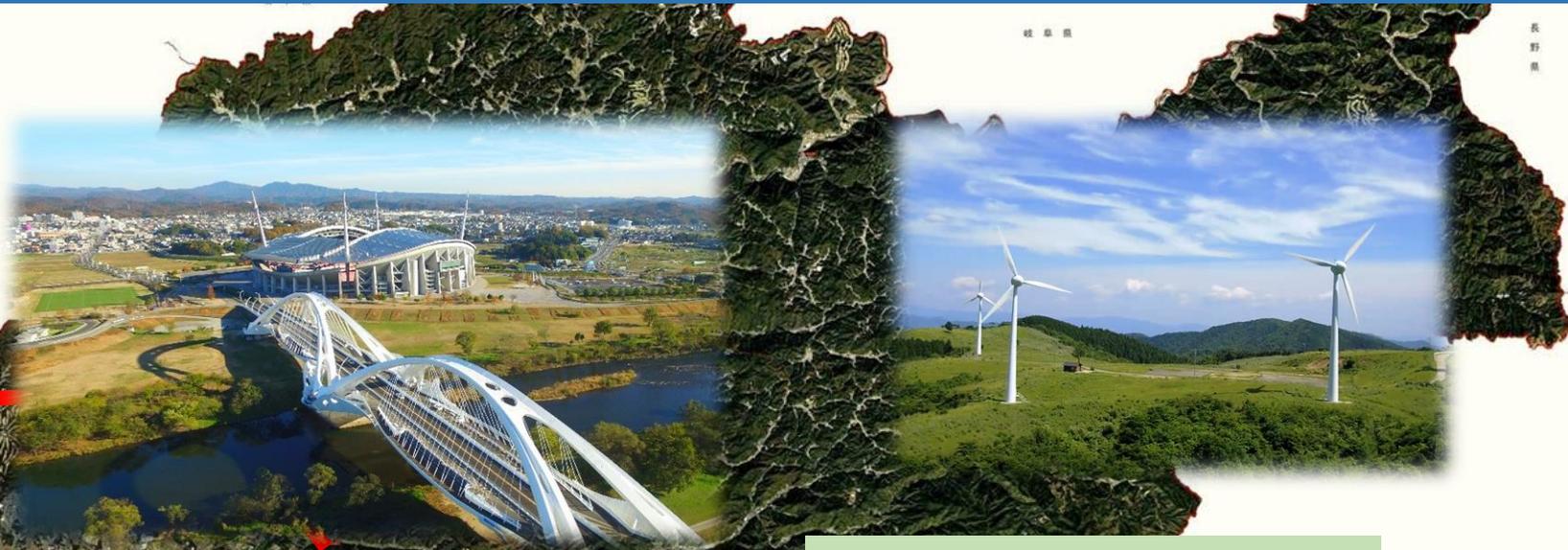
Smart City Field Study Visit to Toyota City, 30 August, 2023

International Training Workshop on Smart Cities for Building Inclusive, Resilient, Livable, and Sustainable Cities and Communities in Asia and the Pacific



# Toyota City: a Microcosm of Japan

Whole area of  
Toyota City



Rural areas: 70%

Urban areas: 30%

Aqueous surfaces, rivers,  
and channels: 3%

Roads: 4%

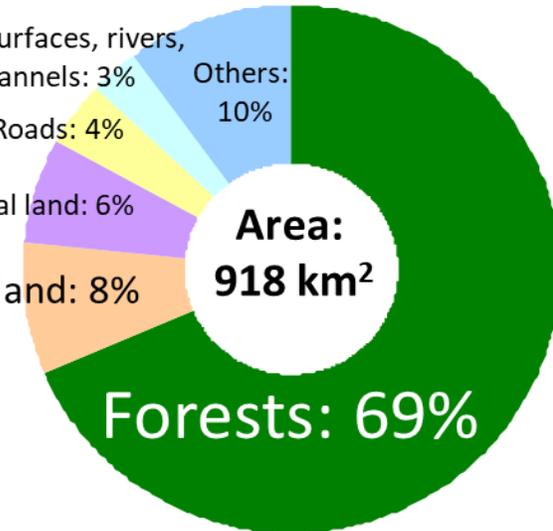
Residential land: 6%

Farmland: 8%

Others: 10%

Area:  
918 km<sup>2</sup>

Forests: 69%



# Net-Zero Carbon Initiatives

ZEH incentives



ZEV incentives



Plantation forests



Smart towns



Renewable energy facilities



# Net-Zero Carbon Initiatives

## Ultra-compact BEV “C<sup>+</sup>walk τ” sharing system



# Net-Zero Carbon Initiatives

## Educational project in collaboration with Mobile suit Gundam



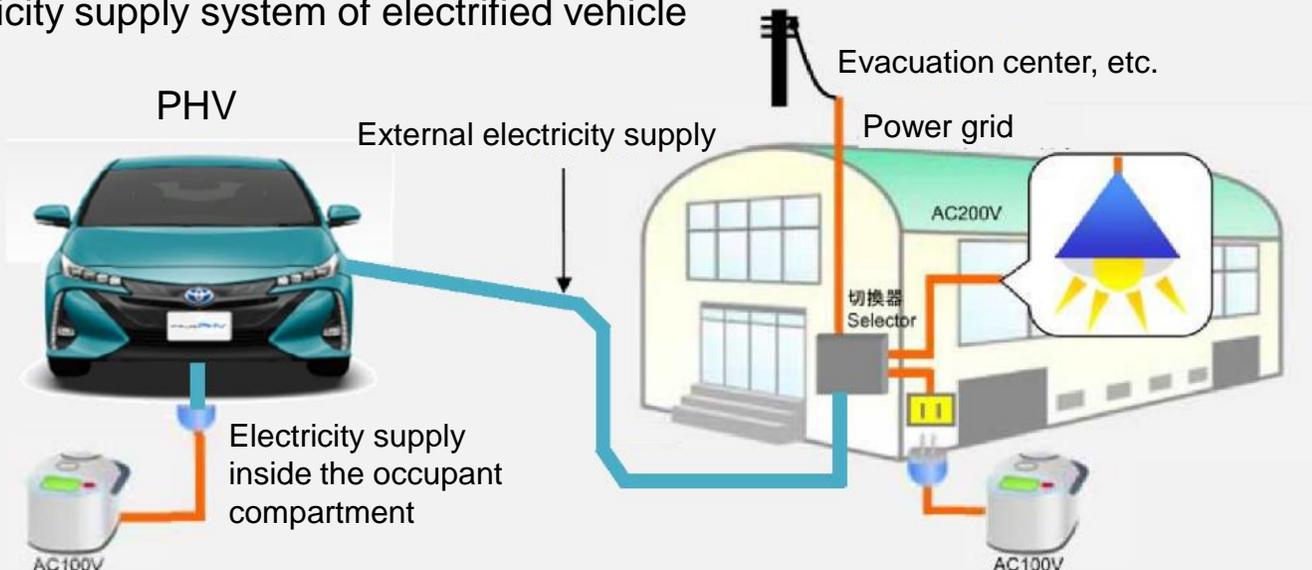
# Disaster Preparation and Mitigation

## The Toyota SAKURA Project

We are using the external electricity supply functions of electrified vehicles to ensure power supplies in the event of a natural disaster.

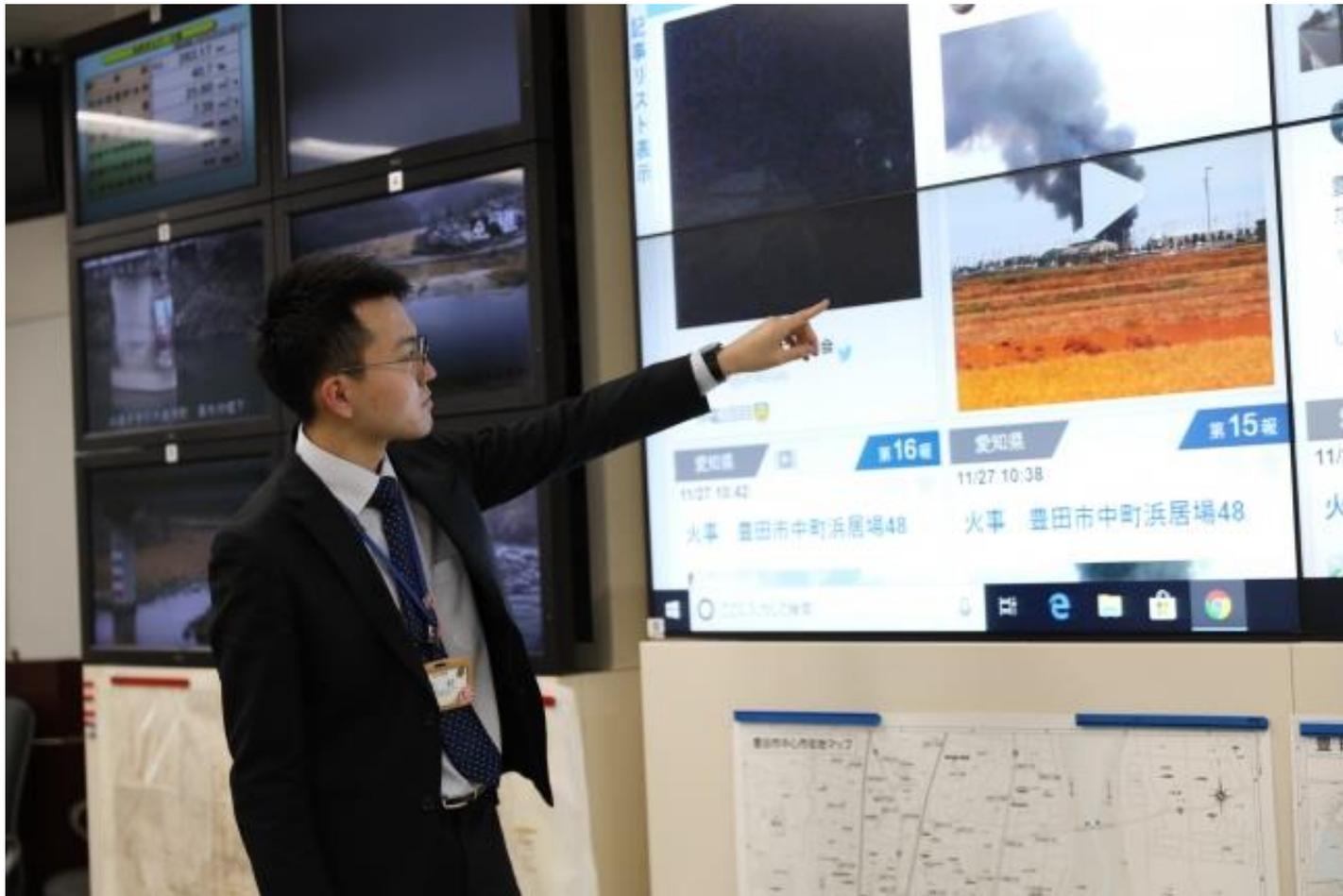
We use an app to realize optimal distribution of vehicles capable of supplying electricity at evacuation centers.

Illustration of power supply using external electricity supply system of electrified vehicle



# Disaster Preparation and Mitigation

## Collection of information using AI and SNS



To rapidly identify the damage caused by a disaster, we have introduced a system that visualizes the damage through the use of AI technology to analyze information posted on SNS.

# Partnership



## Toyota City Connected Society Verification Promotion Council



# Partnership



## Toyota City SDGs Certification System

Evaluation and support for local companies' efforts to achieve their SDGs







**DECADE  
OF >>>  
ACTION**



**SDGs**

**未来都市  
とよた**

