

Scale City

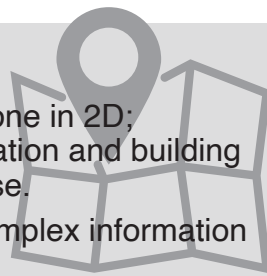
3D city model of Tokyo using PLATEAU

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“Scale City” is cutting-edge ICT tool that fosters meaningful citizen engagement by integrating digital and physical worlds. Using a 3D-printed transparent map, it transforms 2D urban data into an intuitive format, enhancing understanding of urban spaces and making city data more accessible.

Background

- Explore maps on your PC or smartphone in 2D; a 3D version accounting for land elevation and building height is not yet available for public use.
- Gain a comprehensive overview of complex information in major urban areas.



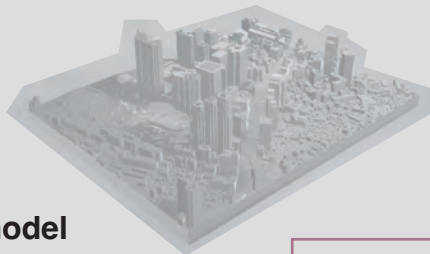
Concept

“Scale City” approaches:

- Overlay a transparent 3d city model on digital information.
- Grasp urban conditions tangibly and interactively

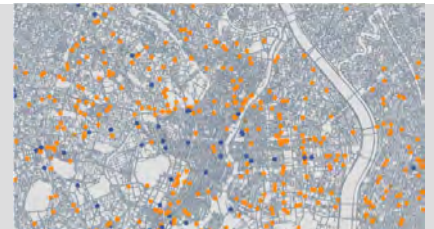
Technology

3D Printed
PLATEAU model



+

Attached



Digital Map

Frontend



React

Leaflet

Leaflet

Backend



Node.js



PostgreSQL



What kind of data can we see?

- 1 Train (Tokyo Toei Subway) :
- 2 Bus (Tokyo Toei Bus)
- 3 People count

In future

Multiple Open Data

