

Bridge Renovation 4D Simulation

Berlin – BIM and Digital Twins
2023-09-06
Petri Kokko, CEO, Sova3D Oy



Solutions for SmartCities

Sova3D Oy

Established in 2015, 5+ employees
3 personal owners, 3 companies
Clients: 12 municipalities in Finland

Kunta3D

A 3D Digital Twin platform
developed for municipalities

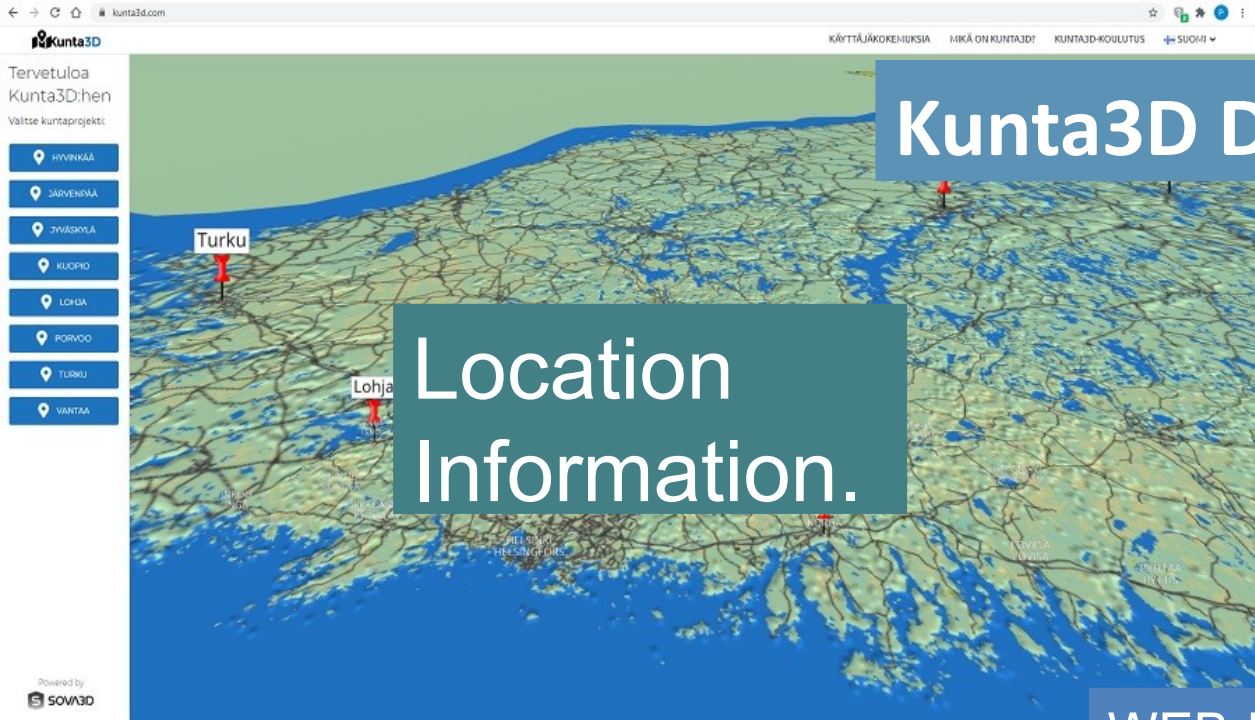
Sova3D

A 3D Digital Twin for various
users and domains



Petri Kokko, CEO





Kunta3D Digital Twin

Location Information.



Planning.



Building Permit.



Infra-structures.

4D-Simulation = 3D + scheduling

"Best Practices"

3D CAD
Models
By designer

4D scheduling
software
Tasks +
start-end Dates

IFC
model with
TASKS & DATES

"Transparent governance"

Sova3D-Kunta3D
4D player

"Easy web access"

Citizens

Municipality
authorites

Politicians

Project Members

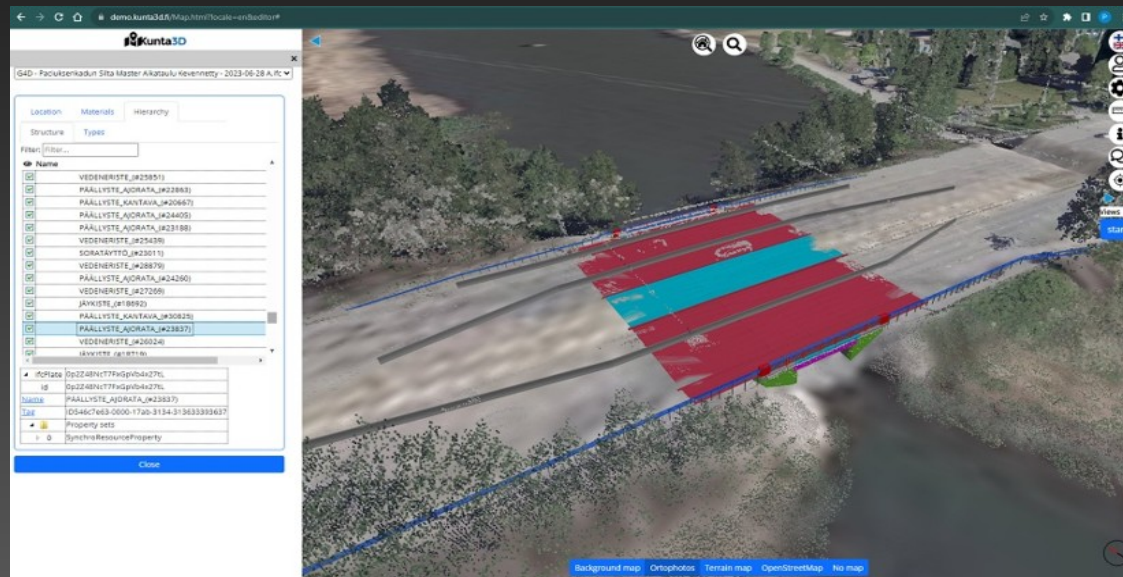
Anyone who need
to know

"Open Standards"

*"Software development
Inside of EU"*

4D Sample Cases:

City of Helsinki: Bridge at Paciuksenkatu



City of Järvenpää: Bulevardikortteli



[Link to the live presentation on the web](#)

4D scheduling by:



Thank you!

Petri Kokko
CEO, Founder

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Try Yourself!



JYVÄSKYLÄ



TAMPERE



SOVA3D