



AUGMENT CITY

Leveraging Digital Twins for Sustainable Mobility Solutions





What is a digital twin?



Machines are amazing at data processing but are not creative



Humans are creative but can't process data at speed



The key is linking the creativity of humans with the power of machines and data.



HUMANS understand data

60,000

times faster in a VISUAL
format.

Digital twins
enable us to
visualise the
data



Applying a whole systems approach

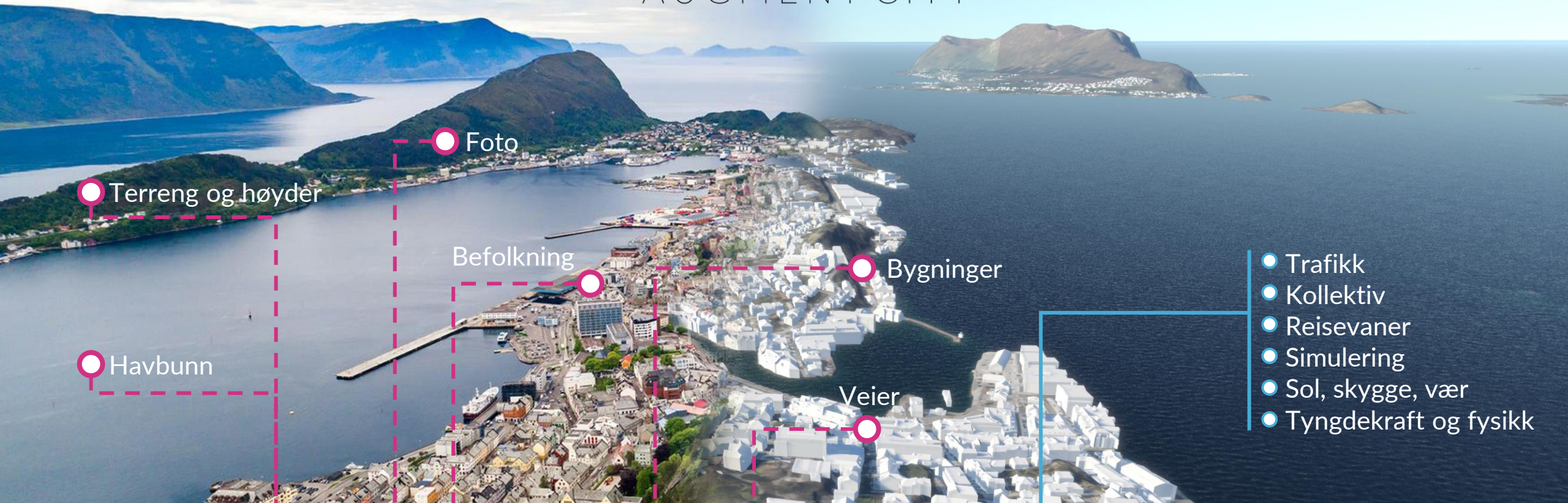




**Unlocking insights
from existing data**



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Terreng og høyder

Foto

Befolkning

Bygninger

Havbunn

Veier

- Trafikk
- Kollektiv
- Reisevaner
- Simulering
- Sol, skygge, vær
- Tyngdekraft og fysikk

STEDET



NORKART



BEVEGELSEN

Lat: 59.92244

Lon: 10.80438

Opera House



Scenario



Edit Scenery



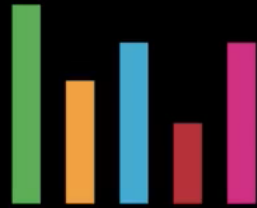
Weather & Environment

3D/2D Toggle

Take me to... <type your location>

Go there!

|| Sim. OFF Physics < Add to simulation Timeline ^ Navigation ^



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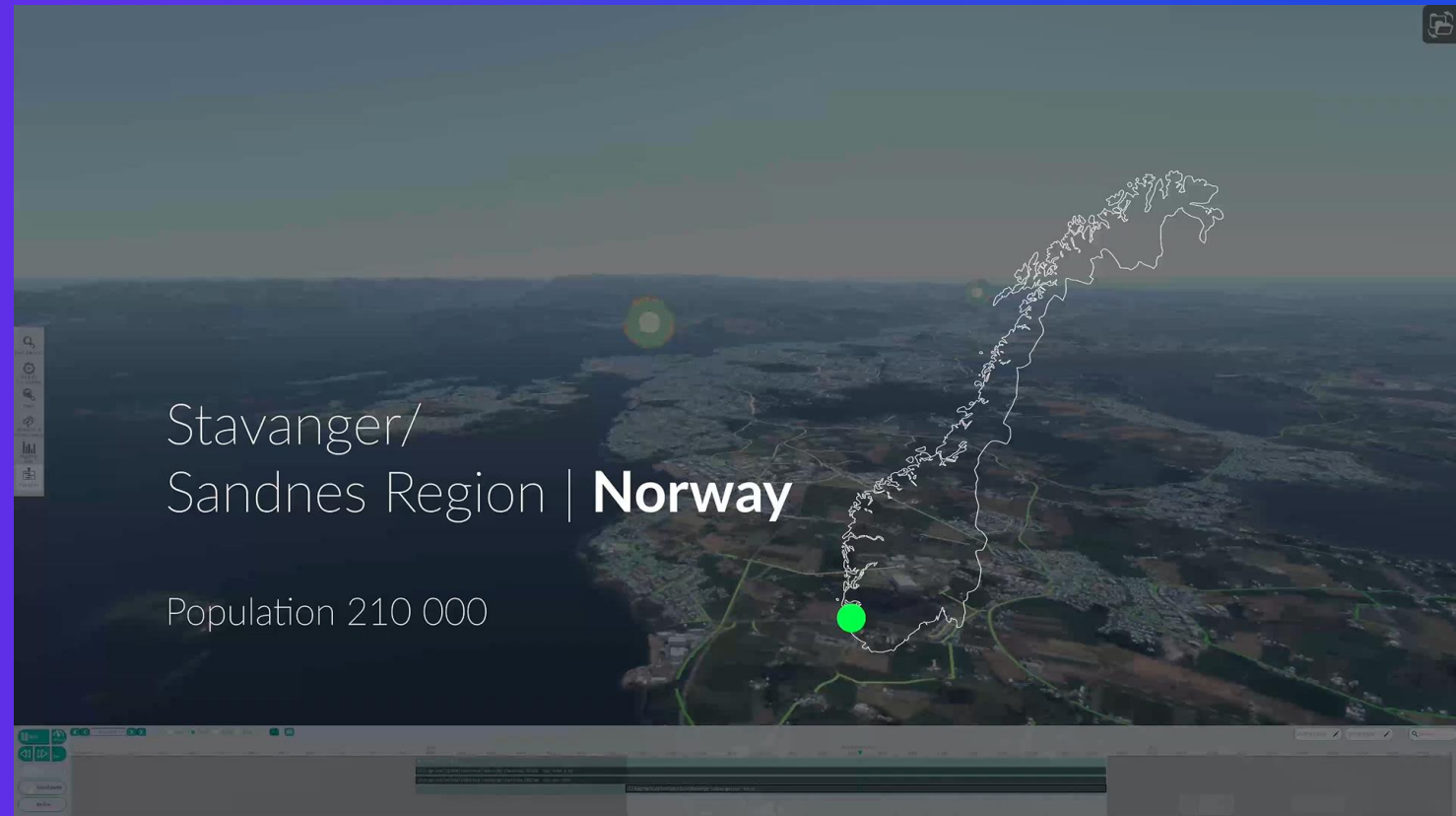
Empowering
planners to
test what if
scenarios...

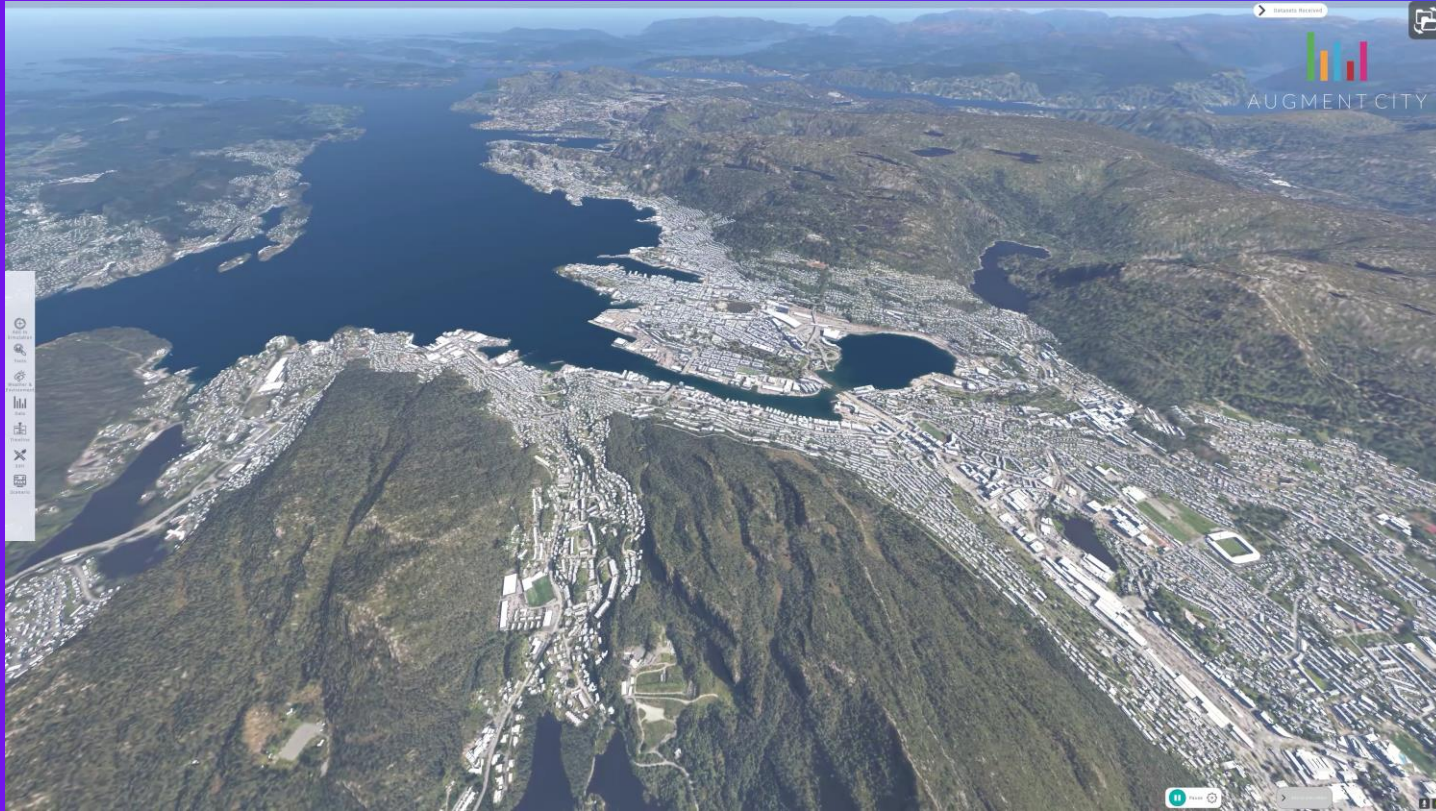




Enabling
scenario
testing at
scale...

Supporting
optimization of
traffic flow and
the promotion
of greener
mobility
options...





Facilitating
mobility
innovation
deployment...

Supporting
better
development
through
simulation...






Providing fast
insights for
emergency
planning...

Facilitating sustainably conscious development

...



The background is an aerial view of a city with a blue overlay. A semi-transparent white text box is centered on the image. The text is in a large, white, sans-serif font. The city below shows a grid of streets and buildings, with some areas highlighted in a darker blue. There are some faint UI elements visible, such as a sidebar on the left and a bottom navigation bar.

Digital twins enable the concept of "fast failure" by providing a virtual environment to simulate, test, and refine ideas rapidly without real-world consequences.



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Thank you for your
attention please get in
touch to continue the
discussion!



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