

# AI and Digital Twins to understand data/effects/possibilities



# U4SSC Key performance Indicators for Smart and Sustainable Cities

U4SSC KPIs and standard has been developed to provide cities with a consistent and standardized method to collect data and measure performance and progress to:

Achieving the Sustainable Development Goals

Becoming a smarter city

Integrate sustainable solutions

Cities will be able to:

- Compare their progress over time
- Compare their performance to other cities
- Through analysis and sharing allow for the dissemination of best practices
- Set standards for progress in meeting the SDGs

# U4SSC KPI

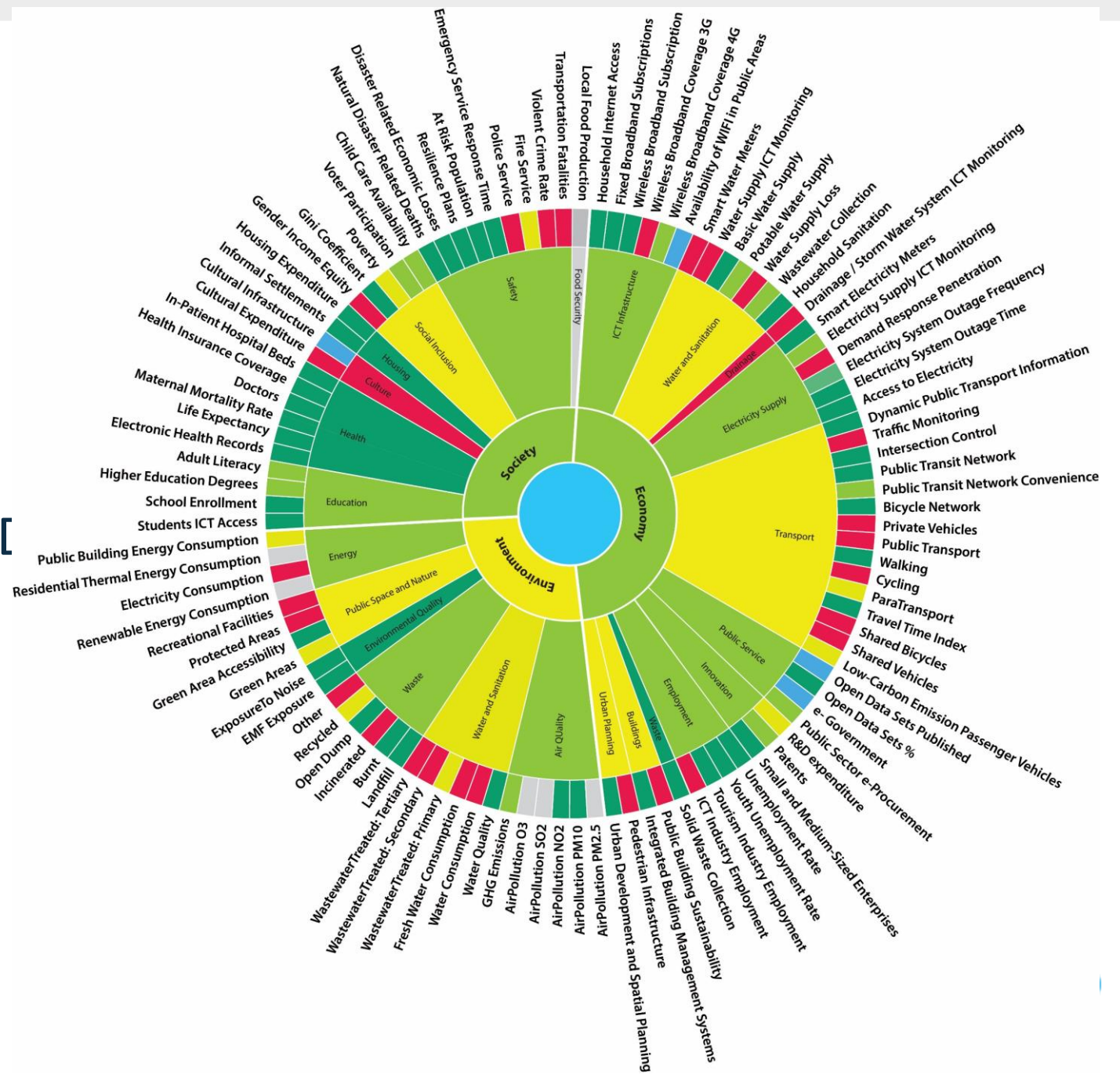
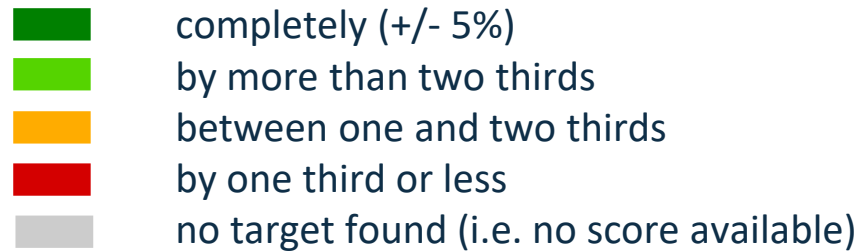
Dimension	Economy	Environment	Society and Culture
Sub-dimension	<ul style="list-style-type: none"><li>▪ ICT</li><li>▪ Productivity</li><li>▪ Infrastructure</li></ul>	<ul style="list-style-type: none"><li>▪ Environment</li><li>▪ Energy</li></ul>	<ul style="list-style-type: none"><li>▪ Education, Health and Culture</li><li>▪ Safety, Housing and Social Inclusion</li></ul>
Category	<ul style="list-style-type: none"><li>▪ ICT Infrastructure</li><li>▪ Water and Sanitation</li><li>▪ Drainage</li><li>▪ Electricity Supply</li><li>▪ Transport</li><li>▪ Mobility</li><li>▪ Public Sector</li><li>▪ Innovation</li><li>▪ Employment</li><li>▪ Waste</li><li>▪ Buildings</li><li>▪ Urban Planning</li></ul>	<ul style="list-style-type: none"><li>▪ Air Quality</li><li>▪ Water and Sanitation</li><li>▪ Waste</li><li>▪ Environmental Quality</li><li>▪ Public Space and Nature</li><li>▪ Energy</li></ul>	<ul style="list-style-type: none"><li>▪ Education</li><li>▪ Health</li><li>▪ Culture</li><li>▪ Housing</li><li>▪ Social Inclusion</li><li>▪ Safety</li><li>▪ Food Security</li></ul>





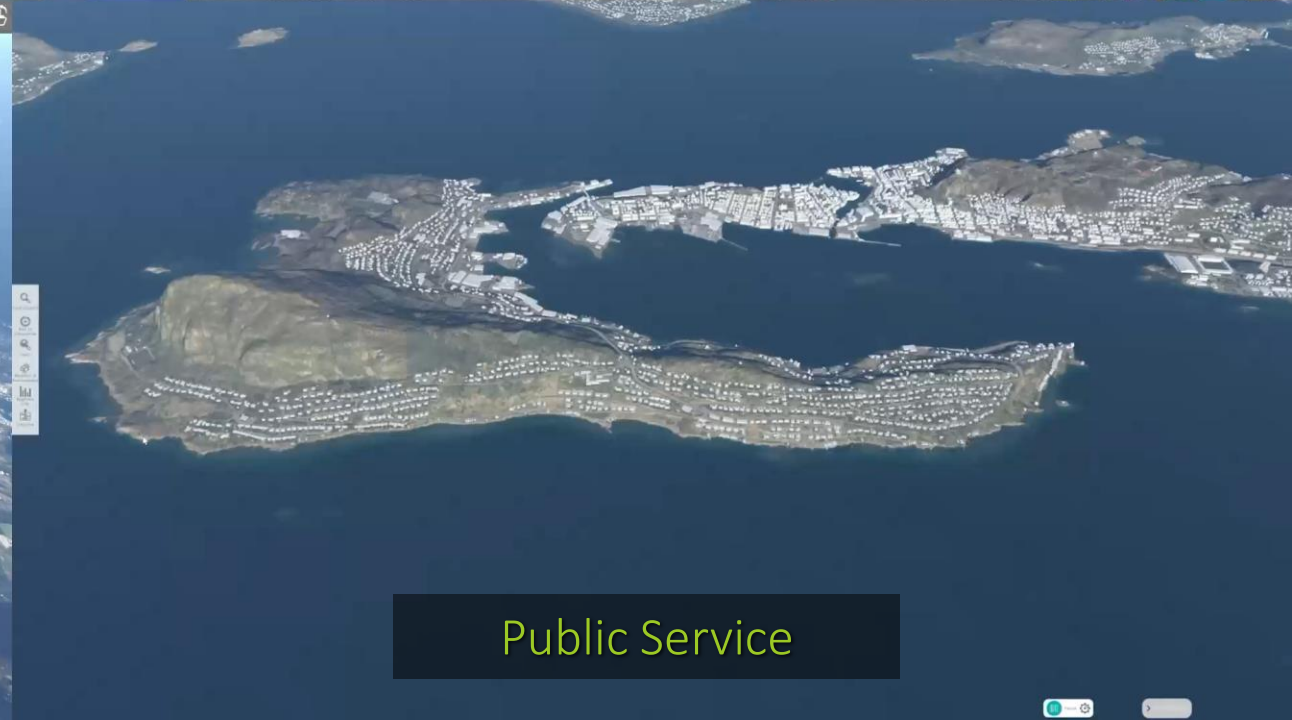
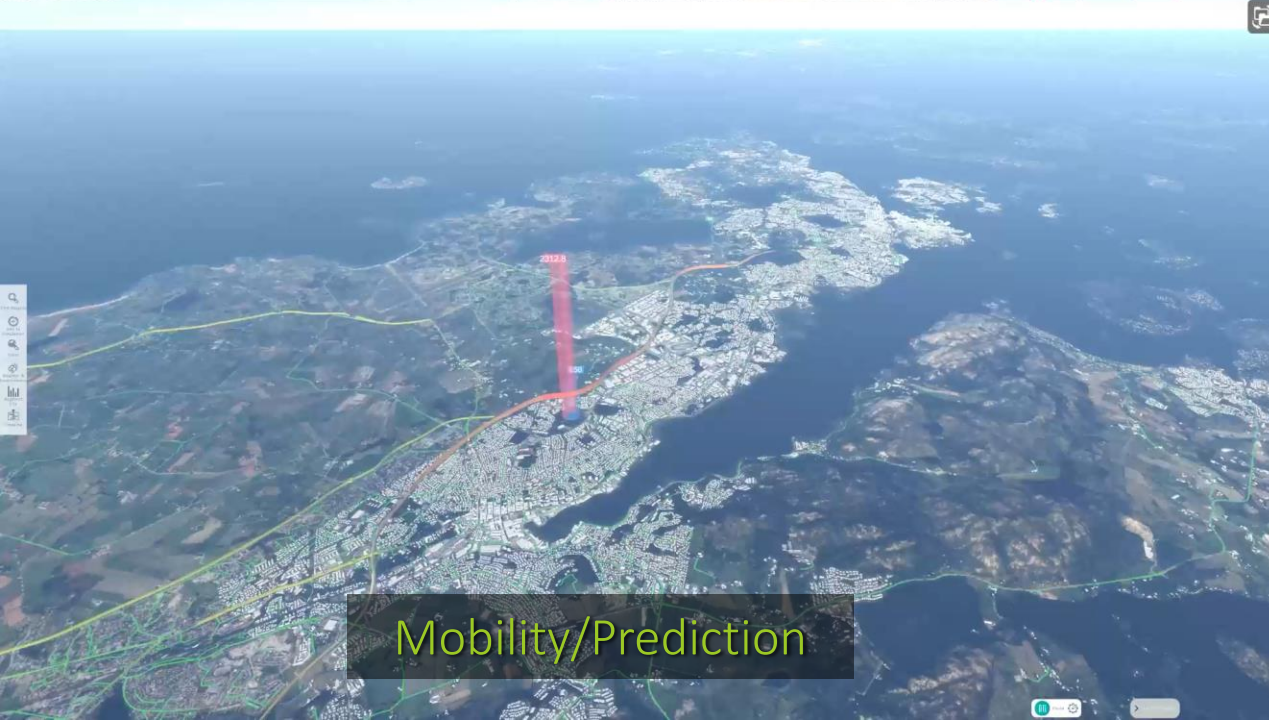
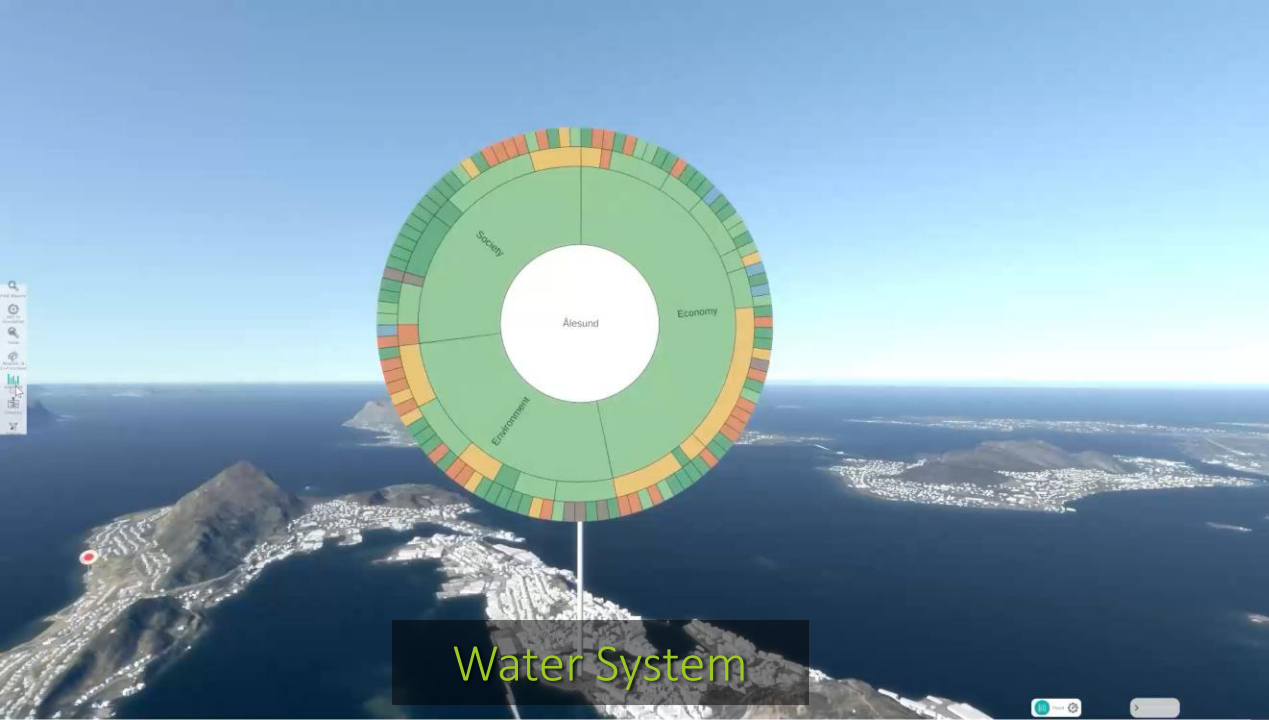
## BASED ON TARGET VALUES

# TARGETS HAVE BEEN REACHED

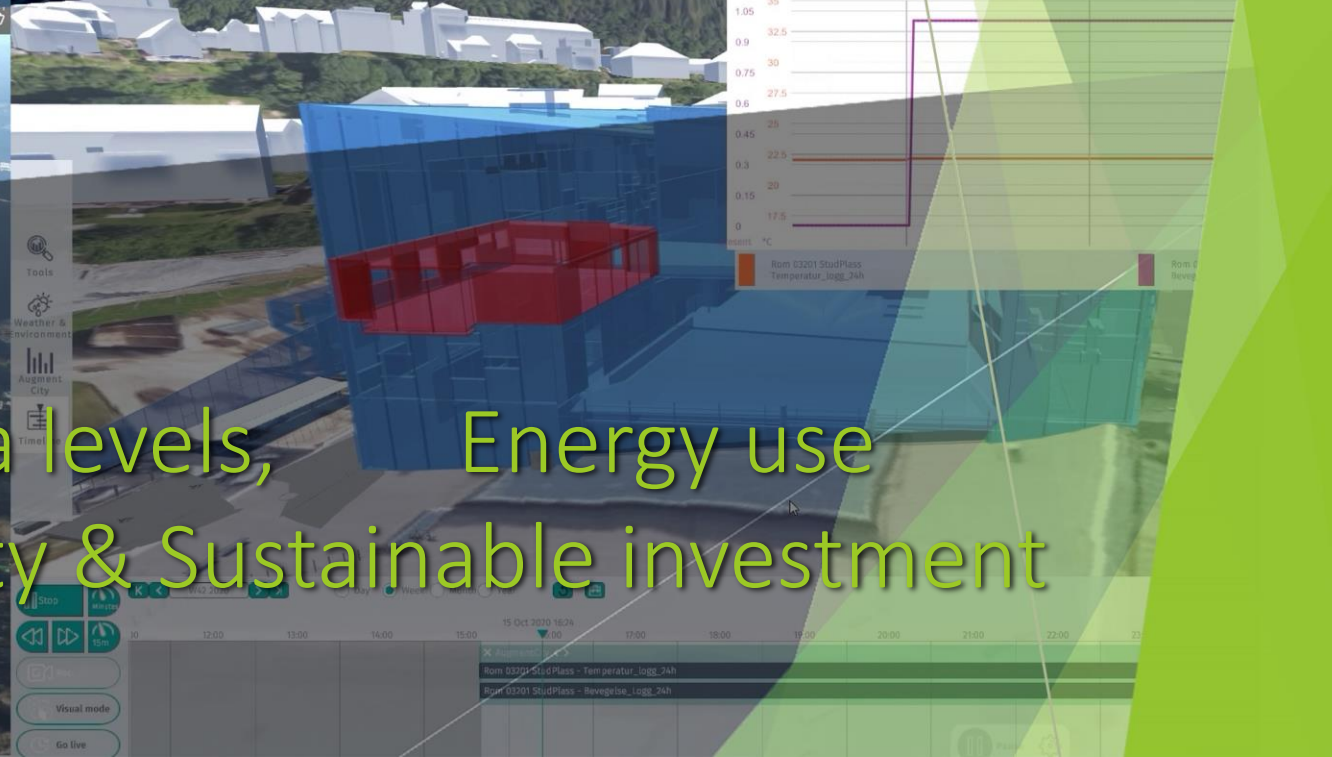
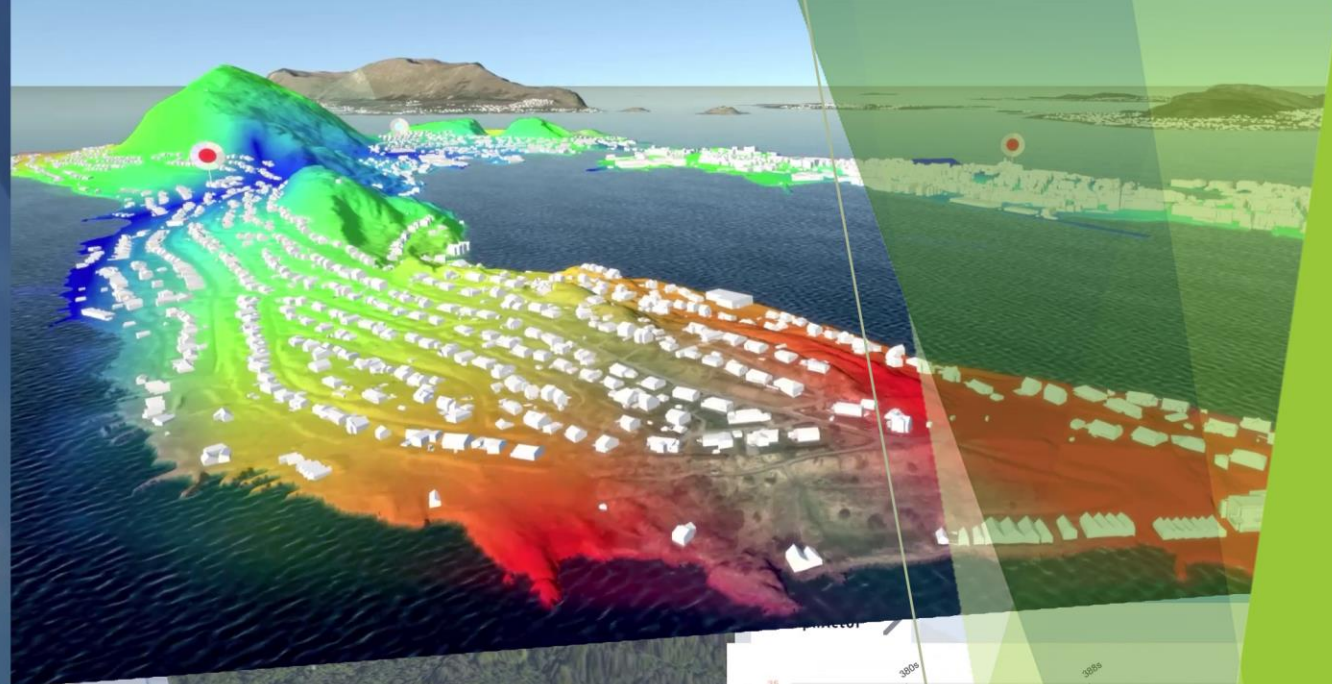
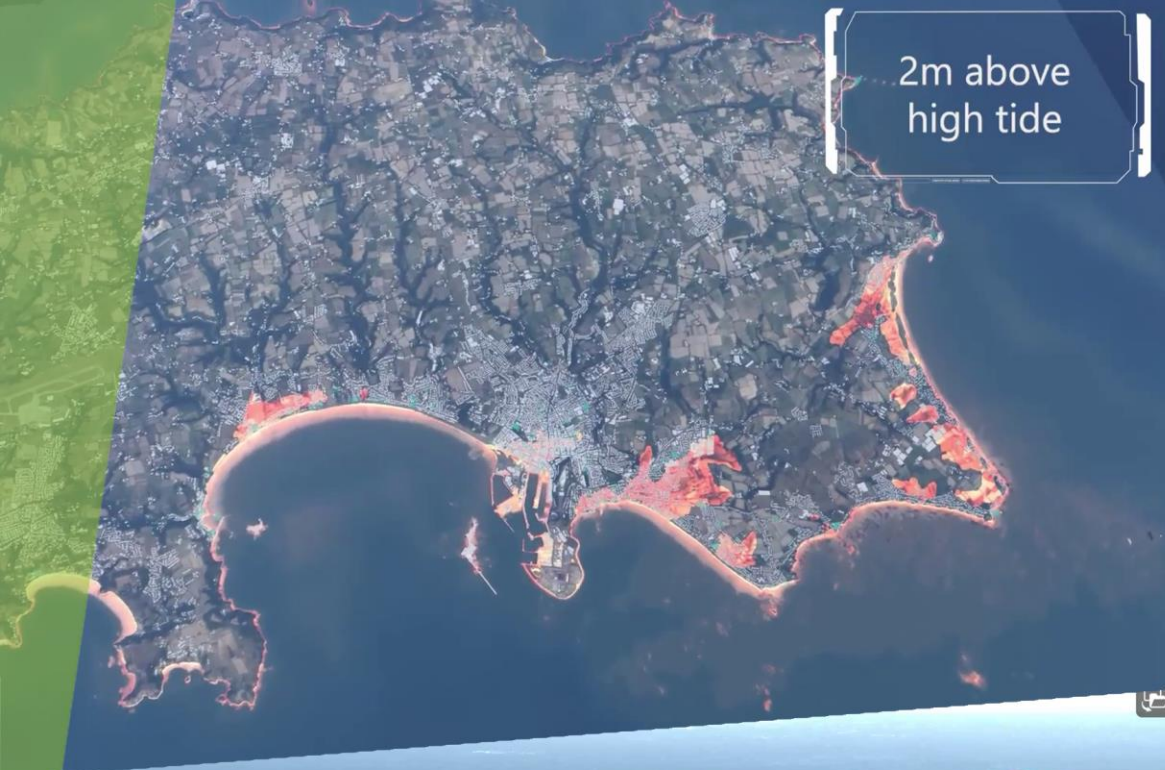












Sea levels, Energy use  
Mobility & Sustainable investment



# Use Cases

