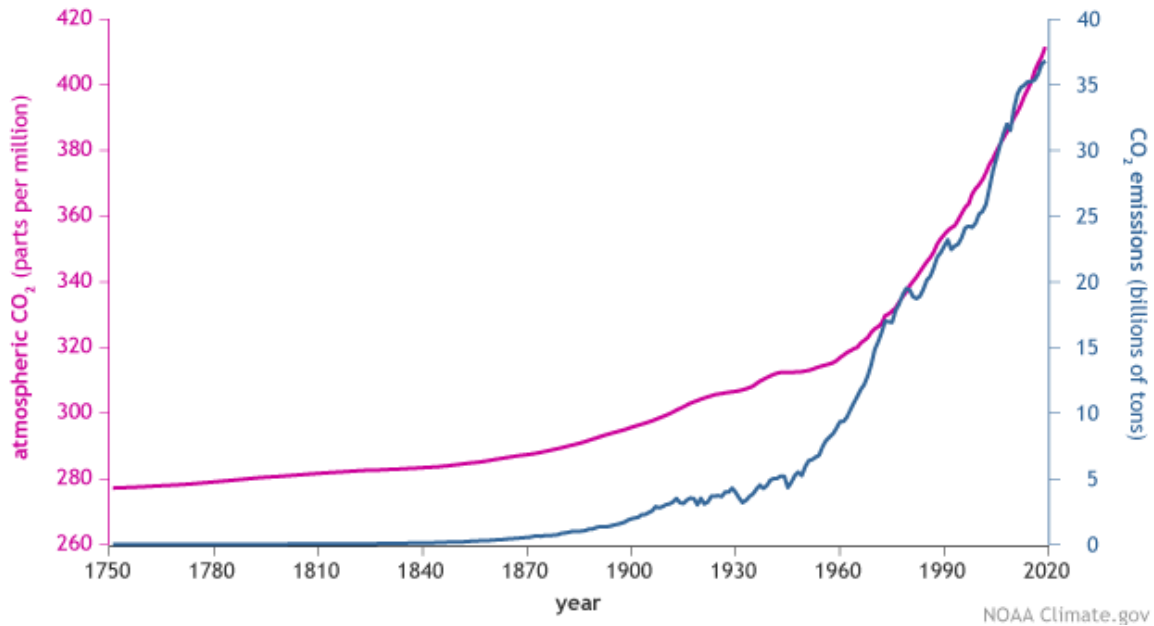


**Data and technology to
reduce carbon**

Welcome

The Paris Agreement

» The first legally binding international treaty on climate change





The rate of change calls for rapid decision-making – it's time to get onboard or be left behind

2/3

of the global banking sector are now aligned with Paris Agreement goals

>\$9T

will be cumulatively invested in renewables by 2050

+100

cities and 77 countries have committed to net zero carbon targets by 2050

**Changing
habits will
transform the
energy
landscape
forever.**



4 levers to reduce carbon from transport



Legislation



Activity

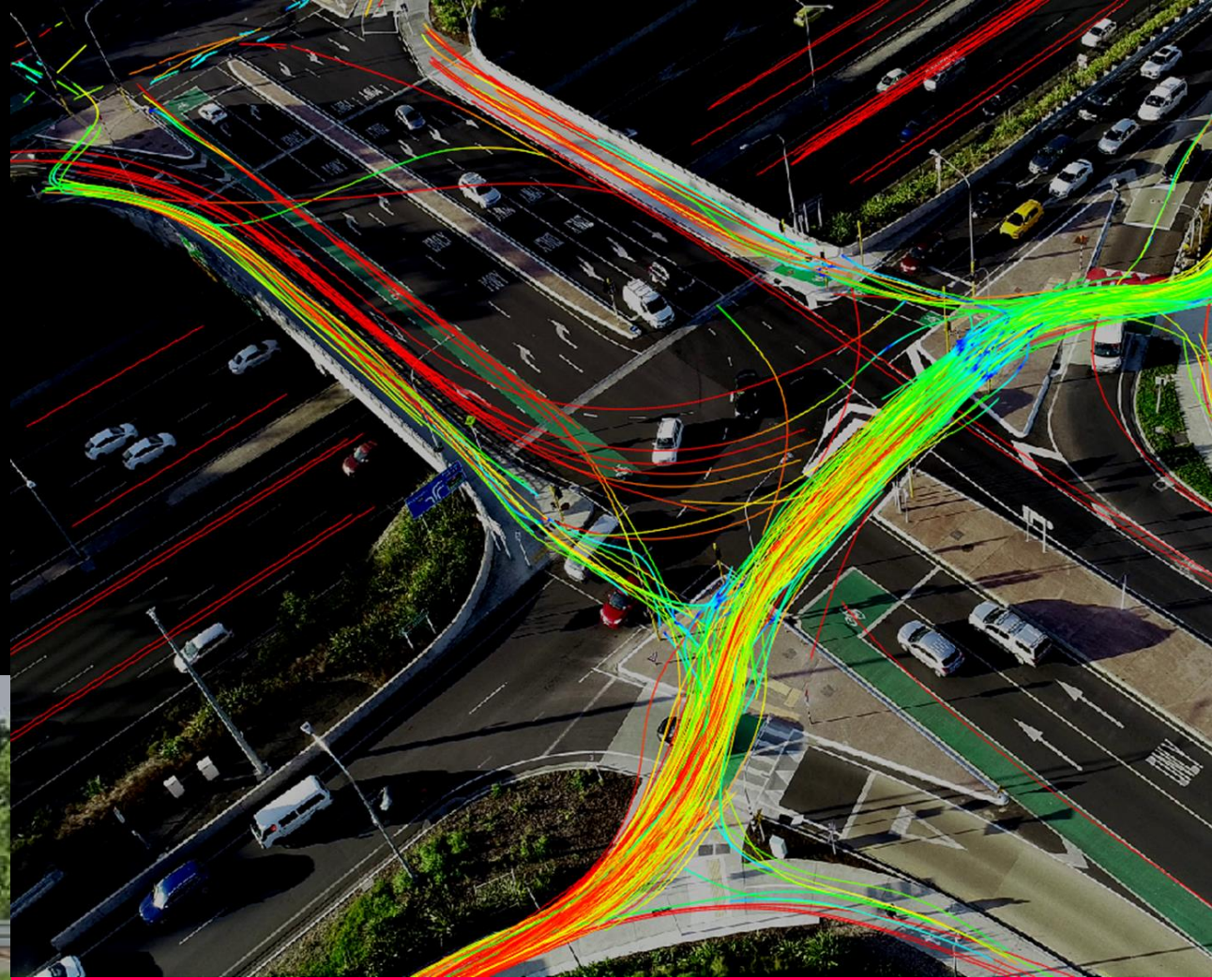


Technology



Fuels

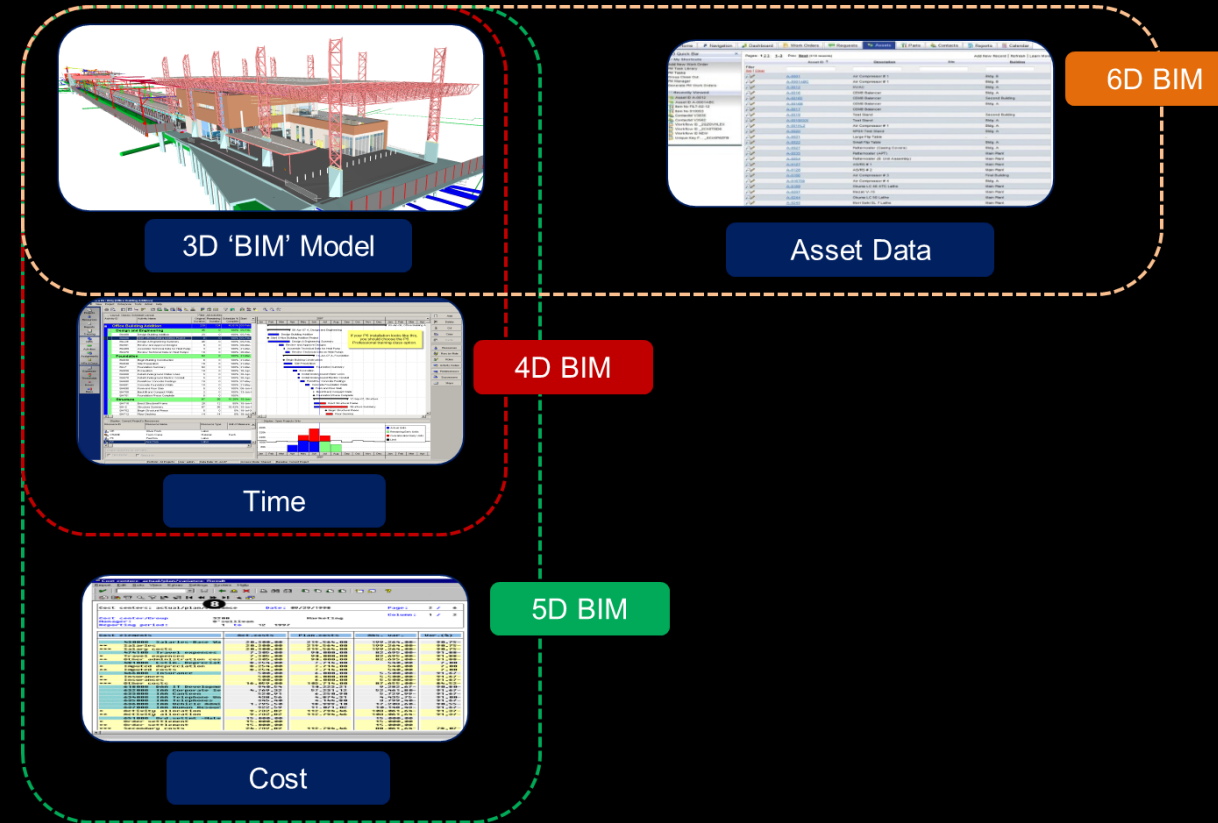
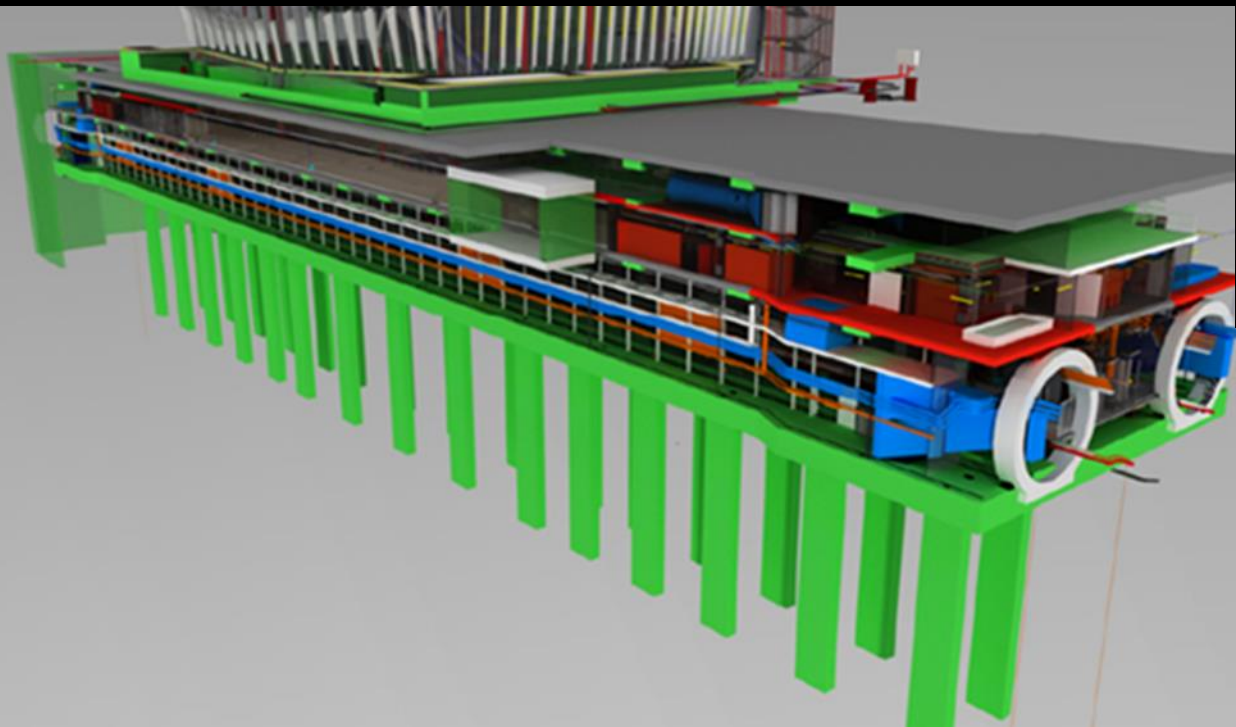
Data to understand



- What?
- Where?
- Why?

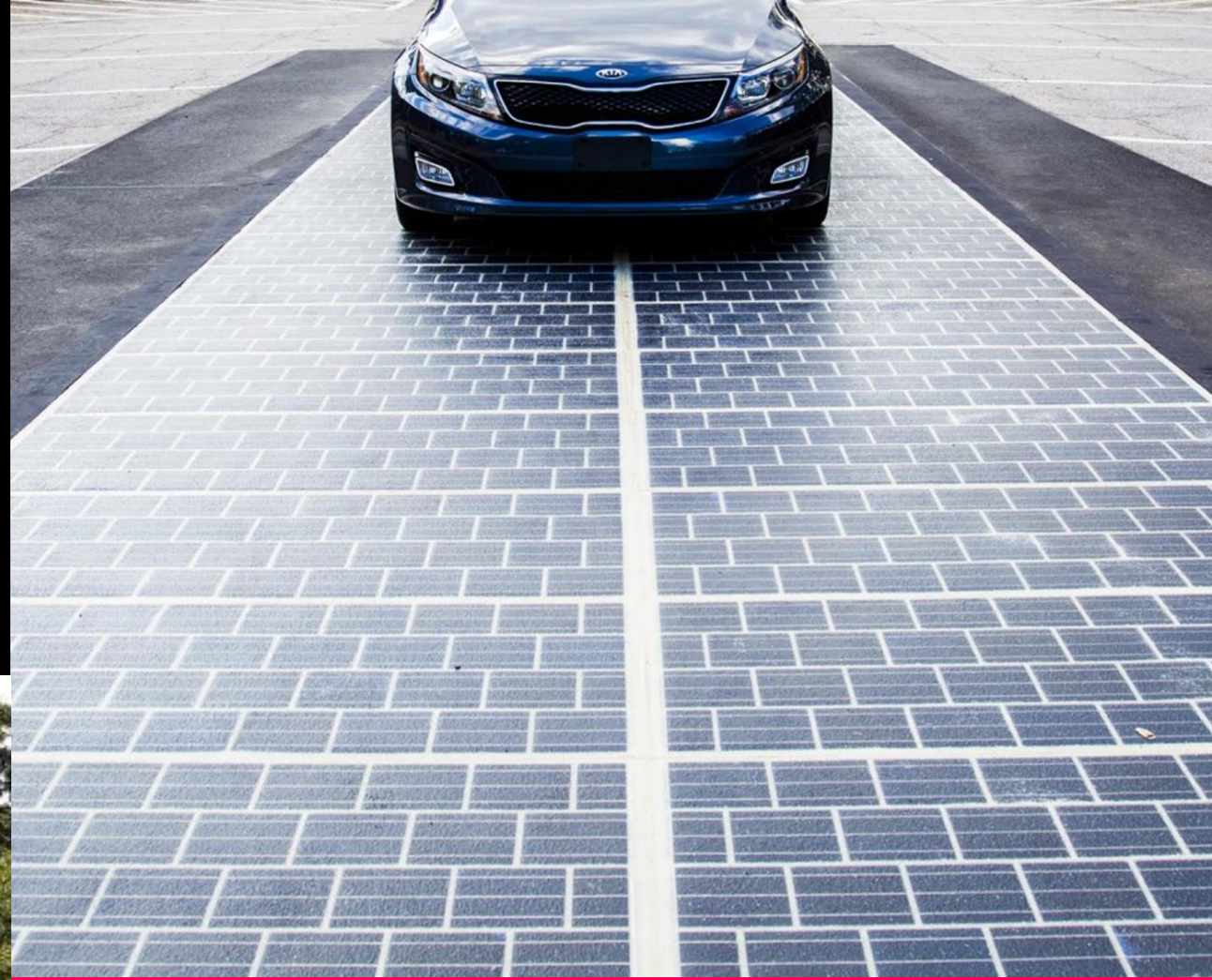
Data changing the way we engineer

→ Digital Twins



- Model scenarios
- Understand the build
- Make carbon reduction choices

Technology to create change



- Design roads for self-driving vehicles
- Solar panels in roads
- Recycle car tyres in road surfaces
- Biomass for storm water catchments

*** Thank You**