# Data and technology to reduce carbon

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| **How can we use technology and data to drive evidence-based outcomes that create efficient transport, with reduced carbon and environmental impacts?** COVID-19 has disrupted how we move in cities and regions. As we adjust to this new normal, we have a unique opportunity to reset, and reassess what we build and how we move. We can change the way we think about movement, how we design communities, and how we build and manage our transport systems. Across the world, new technologies are capturing data that enables us to better understand how people are moving, and using transport corridors and services. GHD has been working with cities and regions around the world, to monitor what is changing, and gain insight into how we can operate more efficiently. We can capture insights in different ways, to identify how a single transport corridor or asset is working, and challenge assumptions around pedestrian, cyclist, and driver behaviours. Using real-world examples, we will demonstrate how data can be used to provide insight into how people move, the efficiency of our networks, and how we can reduce emissions. Come and explore how data can accelerate emissions reduction across all aspects of transport, from problem identification, planning, and business case development, to design, construction, and operations. Together, we will examine what we can do together to create data environments that enable everyone to make more effective decisions to reduce emissions. Let’s make it real.  |