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(Summary)

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Infrastructure and services for the Future City

The fast growth of cities compels us to consider what type of environment we are creating. New technologies and mobility services such as autonomous vehicle, shared mobility and Mobility as a Service (MaaS) etc. are opening up possibilities for a new future city form and happier life. Car mobility has expressed our prosperity but it now appears to be reaching its end due to its negative impacts on city life. Mass car use consumes large amounts of space and segregates our city and makes the use of active modes difficult and dangerous. It is incompatible with the creation of high quality and healthy living environments.

We do not have to accept this. We can choose what future we want. The way we build and the way we move around can be changed for the better for us, our families and our cities. It is possible to grow our cities to provide higher quality of life. With less cars and smarter travel we can avoid congestion and road deaths, make the air cleaner, and get better access for everyone.

For a better future, we need to think broadly and act boldly. The disciplines of transport engineering, urban design, landscape, architecture and technology provision need to come together to produce an integrated approach to city building. There is potential for new cities to demonstrate how streets can be designed to support better life and how the existing streets can be retrofitted. There are increasing examples from around the world, and China too could become a world leader in this by taking advantage of its evolving and dynamic city development.