

Disruptive Transport Technology and Cities: Implications for Sydney

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The transport sector is currently undergoing its most rapid transformation in decades. Disruptive transport technologies, such as App based ride sourcing platforms (e.g. Uber), innovations in car sharing, real time public transport information and autonomous vehicles, are set to change travel behaviour in Sydney over the next 5 – 10 years.

This presentation provides an overview of the technologies likely to have the biggest impact on the way Sydneysiders travel in the coming decades and the implications for Government. A set of policy recommendations are made to maximise the potential benefit emanating from these technologies. The most significant potential impact relates to these technologies enabling *access* to motor vehicles, without the need for *ownership*. This has the potential to repurpose vast areas of Sydney currently dedicated to car parking, which could be used for housing, green space or commercial activities.

In order for government to fully capture the public benefit these technologies offer, it will be necessary to institute a range of interlocked policies that create the pricing signals and incentives to manage the congestion that would otherwise cripple Sydney's liveability and economic productivity. The economics of car ownership and use, as well as road space reallocation are two areas in which recommendations are made to assist Sydney accommodate additional growth without sacrificing its liveability.