

Annex A: Additional Information on CARTS, Scania and Toyota Tsusho

Committee on Autonomous Road Transport in Singapore (CARTS)

Formed in August 2014, the Committee on Autonomous Road Transport in Singapore (CARTS) is working to catalyse the development and deployment of self-driving technology in Singapore along four key tracks: Fixed and scheduled services (like bus services) for inter- and intra-town travel; point-to-point, shared autonomous mobility-on-demand services for first- and last-mile connectivity; freight movements; and utility operations.

Scania

Scania, one of the world's leading manufacturers of trucks and buses, has led a three-year European research project to develop a system for implementing pioneering truck platooning technology on roads. Currently, Scania is working on enhancing wireless communication between heavy vehicles, which will allow the distances between vehicles to be safely reduced, reducing drag and lowering fuel consumption. Scania has teamed up with Ericsson, a world leader in communications technology, which will contribute its expertise in 4G and 5G technology as well as in software and services, to enable new forms of mobility.

Toyota Tsusho

Toyota Tsusho, the trading arm of the Toyota Group with involvement in projects worldwide related to the automotive sector and renewable energy, has been awarded funding by Japan's Ministry of Economy, Trade and Industry to conduct trials on truck platooning technology, in an effort to raise energy efficiency and reduce emissions within the transport sector, while enabling the country to address its severe shortage of truck drivers for the logistics sector. To achieve this, Toyota Tsusho will lead a consortium to advance the concept of truck platooning and accelerate initiatives in the area of autonomous driving.

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