

Development of a satellite based augmentation system (SBAS) for New Zealand and Australia – improving mass market access to precise positioning

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Abstract: Satellite Based Augmentation Systems (SBAS) have the potential to deliver precise positioning capability to the general public and enable emerging technology such as connected and automated vehicles, automated shipping and more efficient aircraft operations.

LINZ has been leading the New Zealand Government's participation in a two-year Australasian project to demonstrate the use of SBAS and precise point positioning (PPP) technology across ten sectors of the NZ and Australian economies.

The outcomes of this work will inform a business case being prepared for an operational service by LINZ and the Ministry of Transport. This service would complement the \$160m investment recently announced for an Australian SBAS and improved National Positioning Infrastructure.