



Moving people
Moving goods
Advancing Australia

The iMOVE Co-operative Research Centre (iMOVE CRC) is a national Australian intelligent transport R&D hub funded through the federal government's CRC Programme in July 2017. It has 45 industry, government and research partners including the federal departments of Industry, Innovation and Science and Infrastructure and Regional Development, state road authorities, retailers, logistics and insurance companies, technology developers, automobile clubs and many of Australia's top universities. The ten-year centre will undertake industry-led research that uses emerging technologies to improve Australian transport systems nationally. It will deliver globally relevant solutions that provide fast and predictable freight systems and enhanced mobility on the roads and public transport.

Outcomes and impacts

The iMOVE CRC and its participants will deliver:

- Reduced congestion, fuel use, emissions and accidents
- Improved freight co-ordination
- Improved productivity and international competitiveness
- Improved lifestyle and wellbeing

Research themes



Research Program 1 - Intelligent transport systems and infrastructure

This programme will deliver the technical infrastructure, data frameworks, models and tools to support Australia's adoption of increasingly sophisticated transport networks.

It will enable the smooth adoption of CAVs, the development of next generation traffic models and network management systems as well as integrated information systems to support new multi-modal transport services. It will provide the foundation for Programmes 2 and 3.



Research Program 2 - Creating new end-to-end freight solutions

The availability of better data, and emerging visibility from end to end of supply chains creates significant opportunities to optimise operations across wider ranges of processes, thereby increasing efficiency and performance. The movement of time-sensitive, and condition-sensitive products is of particular interest, as these suffer the greatest loss of value and wastage from suboptimal transport performance.



Research Program 3 - Enhanced personal mobility

This programme will investigate personal preferences and behaviours to support the development of new solutions for personal mobility and enhancement of public acceptance of new and emerging services.

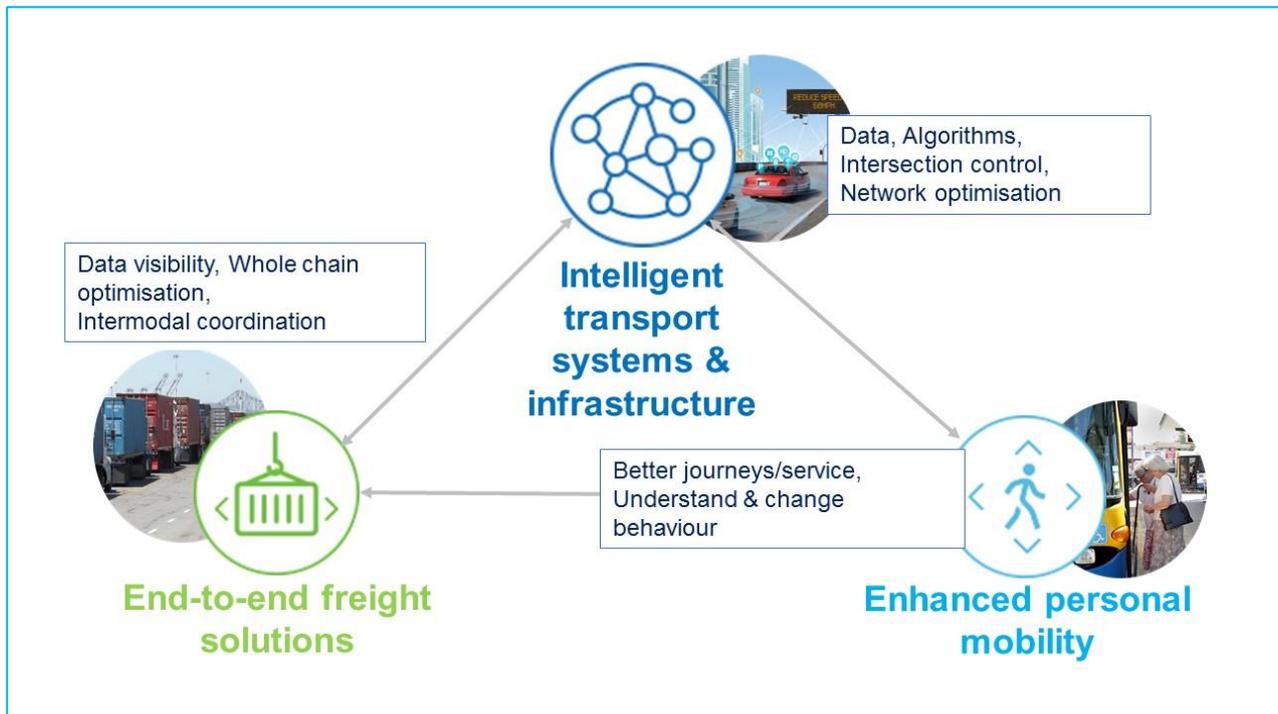
iMOVE CRC collaboration

CRCs focus on medium- to long-term, industry-led, high quality R&D. iMOVE CRC brings together the necessary stakeholders to tackle complex transport-related research questions

Opportunities

iMOVE CRC seeks to partner with organisations that complement the research agenda of its existing participants. For more information on centre activities, visit the website www.imovecrc.com

Research program integration



iMOVE CRC dimensions

- Ten-year centre
- 45 Participants
- 27 industry /government
- 18 research organisations

- \$232 million initiative
- \$54 million Participant cash
- \$123 million Participant in-kind value
- \$55 Commonwealth grant

iMOVE Education & training

iMOVE CRC runs an education and training program for PhDs and final-year undergraduates in ITS related disciplines. It helps students to develop industry-relevant skills whilst growing the talent pool for Australian companies.

Contact

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Participants



Dedicated to a better Brisbane

