

INFRASTRUCTURE
VICTORIA



AUTOMATED AND ZERO EMISSIONS VEHICLES INFRASTRUCTURE ADVICE

Dr Allison Stewart | Project Director

WHO WE ARE AND WHAT WE DO



Victorian State Government statutory authority
Infrastructure advisor to government



30-year infrastructure strategy



Research



Advice – Automated and zero emissions vehicles infrastructure

OUR VALUES

Independence Influence Partnership Openness Innovation People

context of the study

Infrastructure Victoria is providing advice on what infrastructure might be required:

- to enable operation of highly automated vehicles (levels 4 and 5);
- in response to the ownership and market models that may emerge from the availability of highly automated vehicles; and
- for zero emissions vehicles ('ZEVs') as a high proportion of the Victorian fleet.

scope

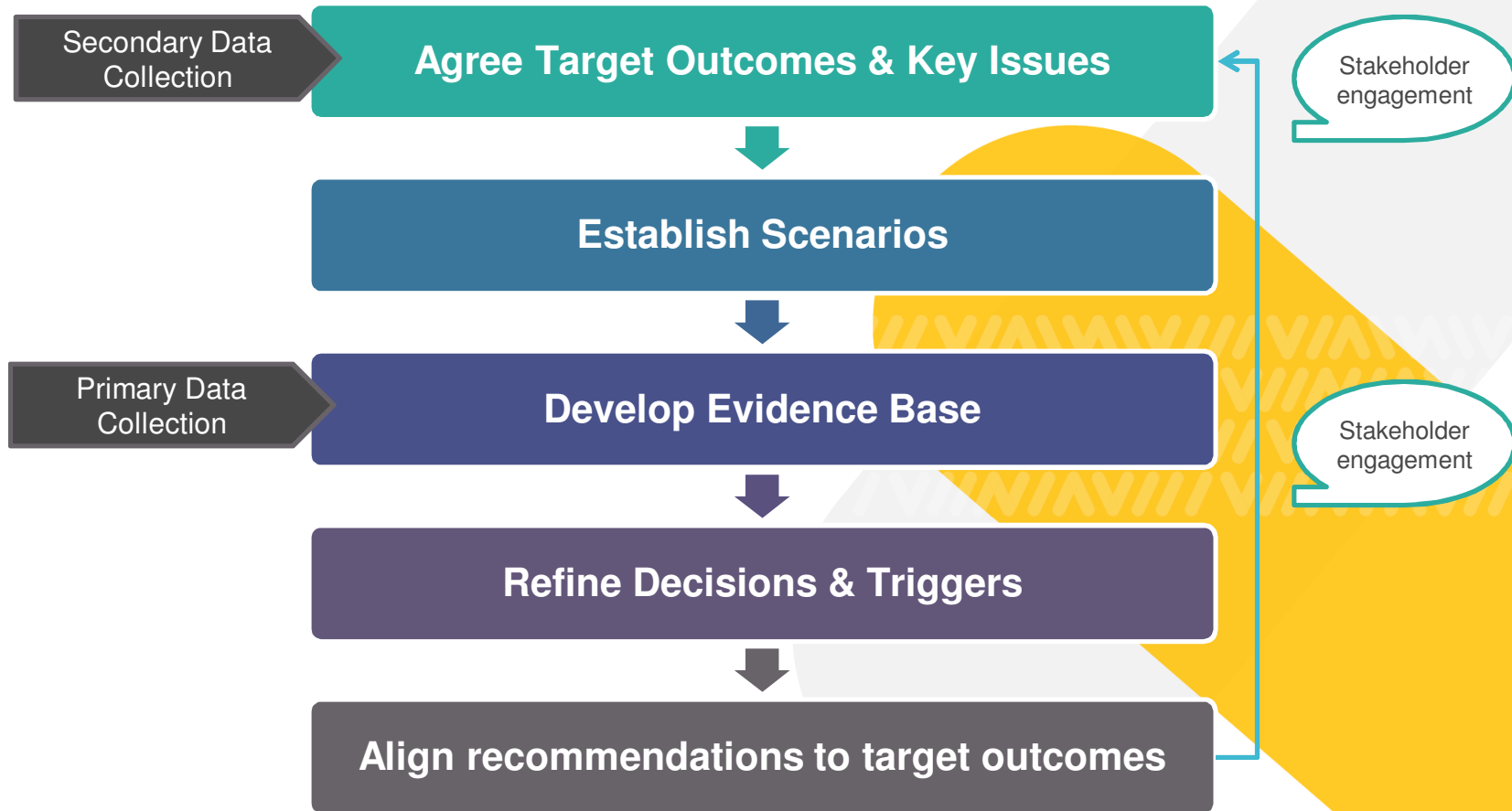
- Potential future scenarios
- Infrastructure and land use implications for these scenarios
- Pathways for infrastructure delivery, timing and scoping of infrastructure delivery

timeline



- Request for advice issued: 26 October 2017
- Scenarios report: April 2018
- Evidence base: August 2018
- Final report to government: October 2018

methodology



engagement

- First phase complete: input from more than 130 people and organisations
- Further consultation planned in August 2018 with evidence base release
- International engagement: visiting Singapore, Japan, UAE, Netherlands, Sweden and Finland
- Case studies from international best practice examples and lessons for Victoria will be incorporated into final advice



future vehicles in Victoria

- Road Safety Act changed so that autonomous vehicles can be test driven in Victoria with a permit
- University of Melbourne and Latrobe University running autonomous bus trials
- A number of vehicle trials are underway (*see next slide*)

current trials and projects in Victoria

- Bosch Highly Automated Driving Vehicle partnership with Transport Accident Commission (TAC) and VicRoads: joint project to build Australia's first highly automated vehicle in Melbourne
- Transurban and VicRoads: connected and automated vehicle trials on highways
- ConnectEast/Australian Road Research Board (ARRB): trial program for automated and connected vehicles
- Intelematics: connected vehicle project: project assessing connected in-vehicle apps
- VicRoads: Connected and Automated Vehicle Trial Grants Program, \$9 million for trials with road safety benefits
- Australian Integrated Multimodal EcoSystem (AIMES): industry test-bed led by University of Melbourne

Keep in touch

website

infrastructurevictoria.com.au/AVadvice



email

allison.stewart@infrastructurevictoria.com.au
enquiries@infrastructurevictoria.com.au



phone

+614 01 648 722
+613 9936 1735



twitter

[@infravic](https://twitter.com/infravic)



facebook

facebook.com/infrastructurevictoria



THANK YOU

INFRASTRUCTURE
VICTORIA