

NRSPP

NATIONAL ROAD SAFETY

PARTNERSHIP PROGRAM

**Systems Thinking In Action: A Tool To Optimise
Learnings In Work-Related Driving Incidents.**

Associate Professor Sharon Newnam

A partnership between:



Today's moderators

Jerome Carslake

Director of NRSPP

Monash University Accident Research Centre



A partnership between:



Housekeeping



Webinar is = 40 mins

Question time = 20 mins



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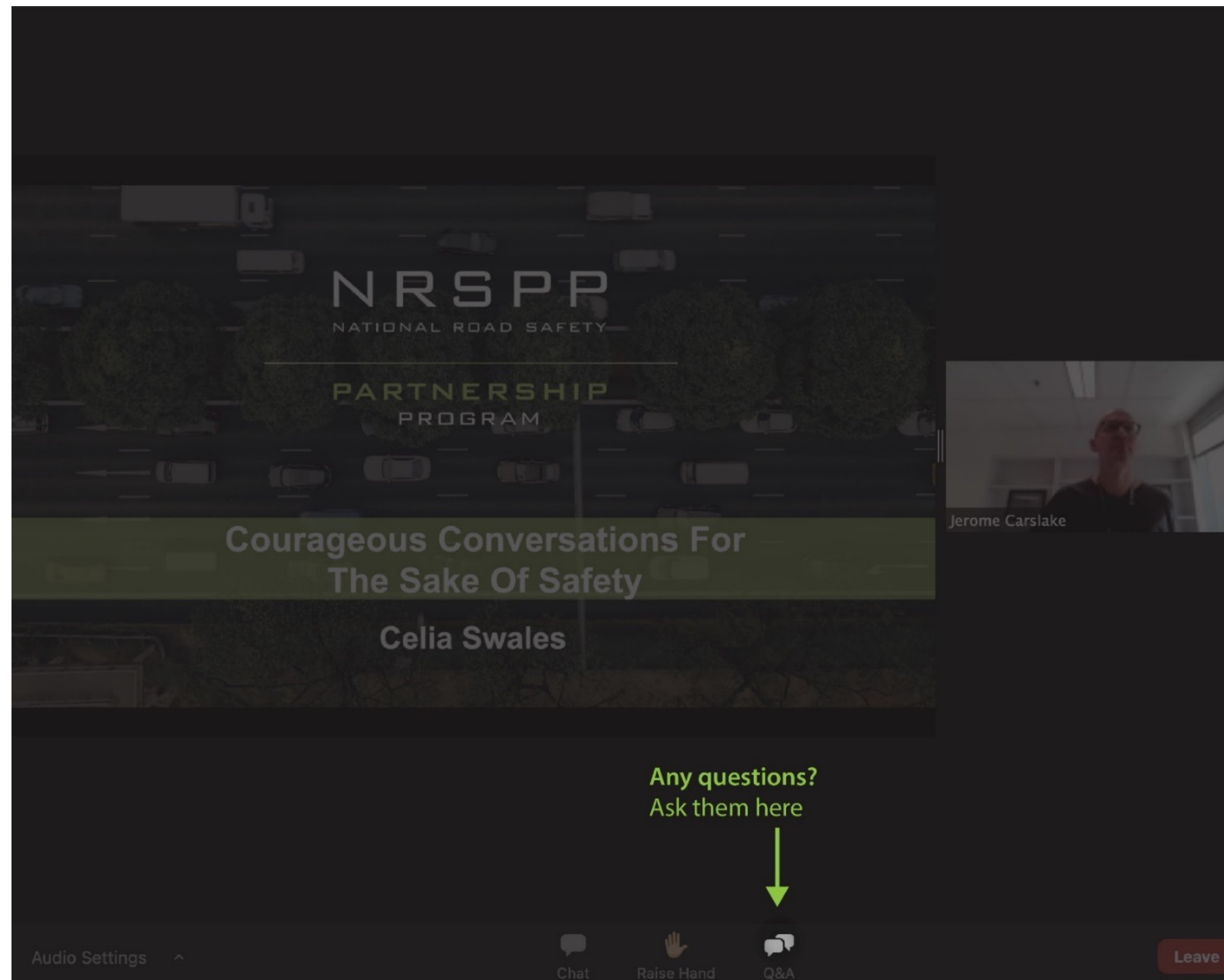


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A partnership between:

Zoom Webinar Functions



A partnership between:



Today's presenter

Associate Professor Sharon Newnam
Monash University Accident Research Centre



A partnership between:



Systems Thinking in Action:

A tool to optimise learning in
work-related driving incidents

Associate Professor Sharon Newnam

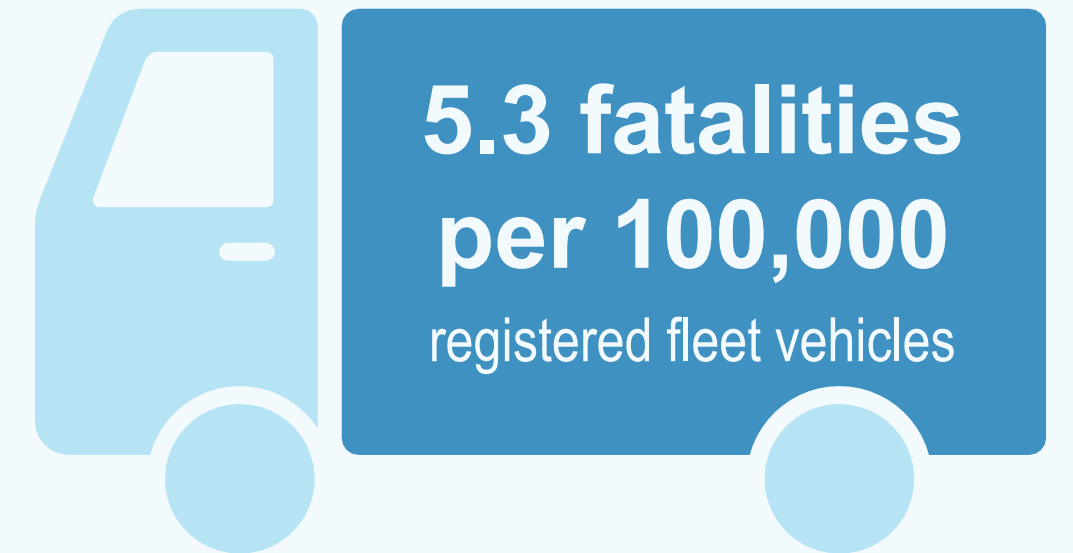
Why Work-related Vehicle Safety Matters

Road traffic injury is the
leading cause
of work-related deaths in Australia

Over 30%
of registered motor vehicles
in Australia are work-related vehicles



Fleet vehicles comprise of up to



The Gap in Current Prevention

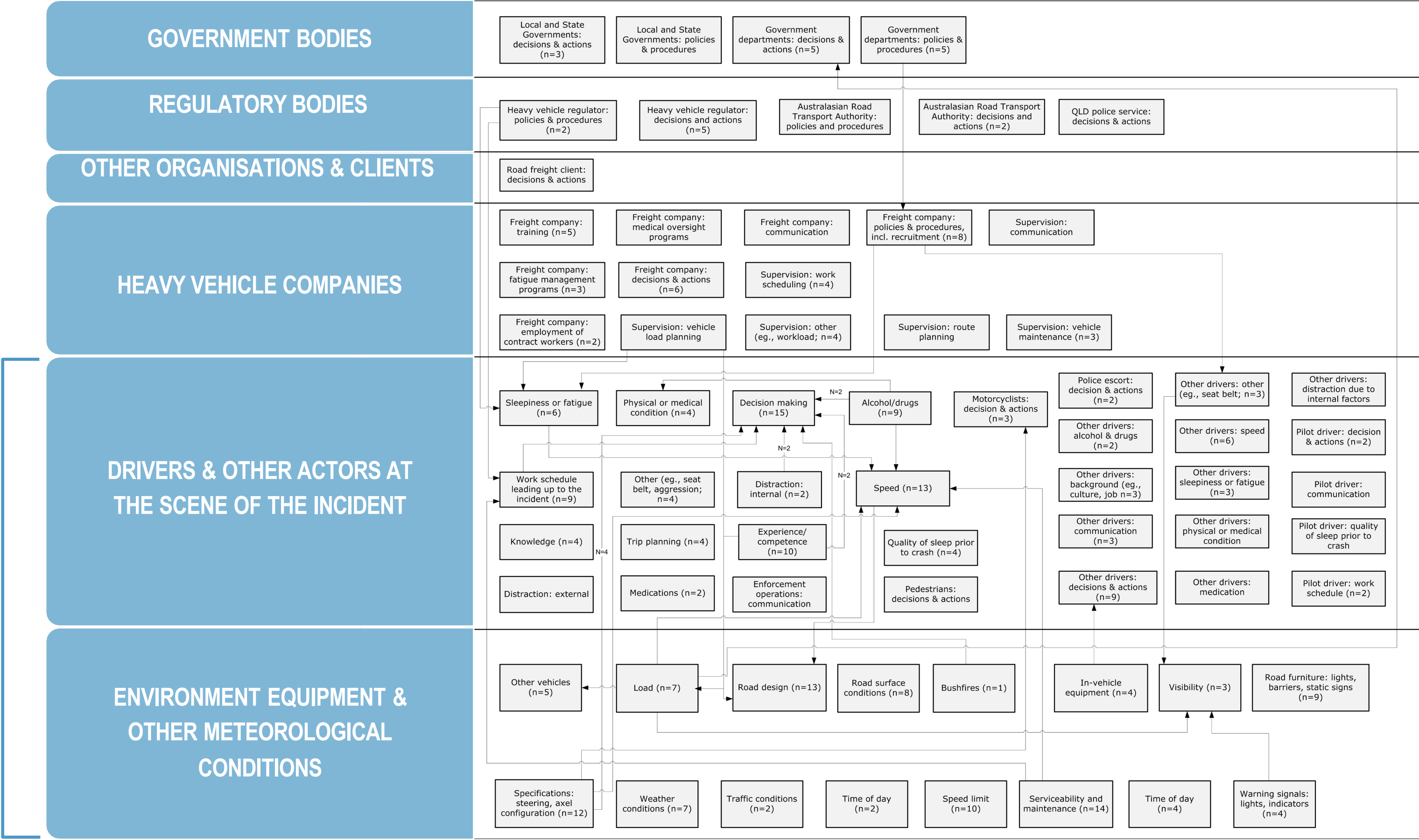


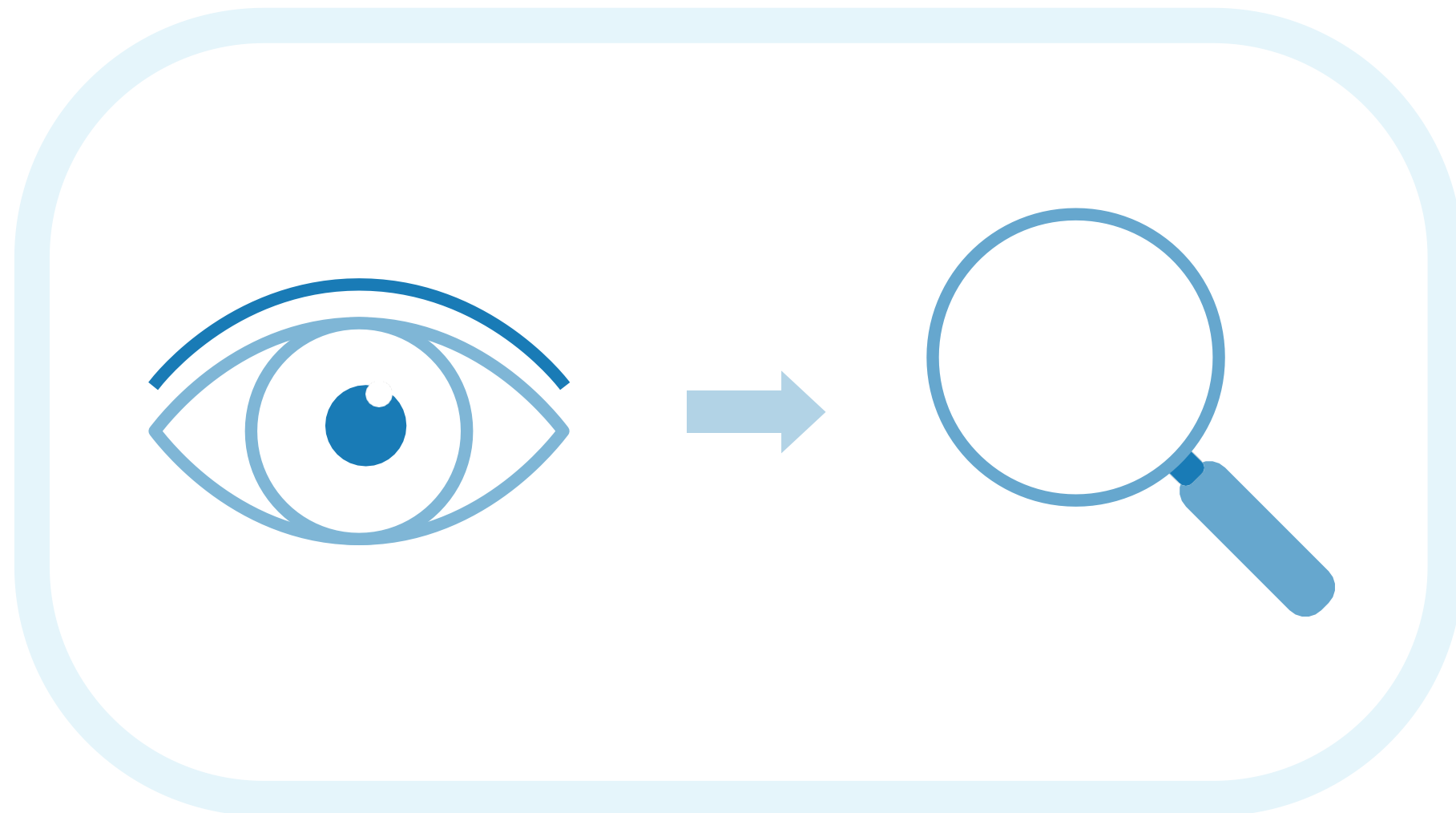
Current Practice



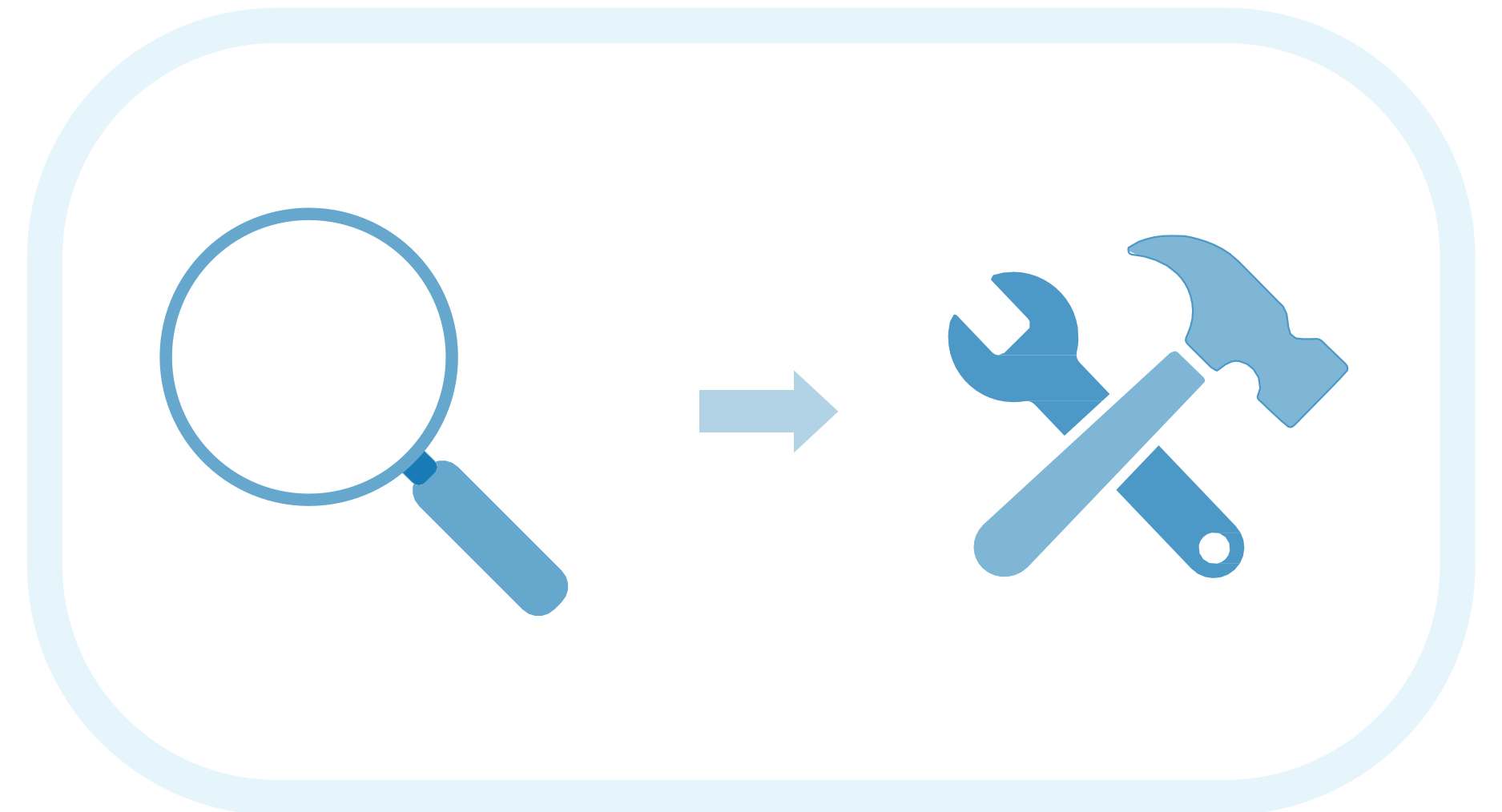
Best Practice

CURRENT FOCUS OF INVESTIGATION





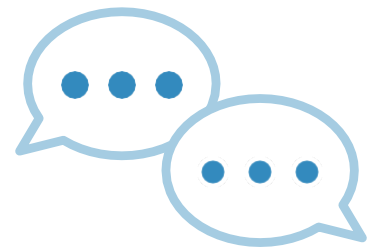
What-You-Look-For-Is-What-You-Find



What-You-Find-Is-What-You-Fix



Change the higher levels, rather
than on the behaviour of staff or
equipment



Interactions



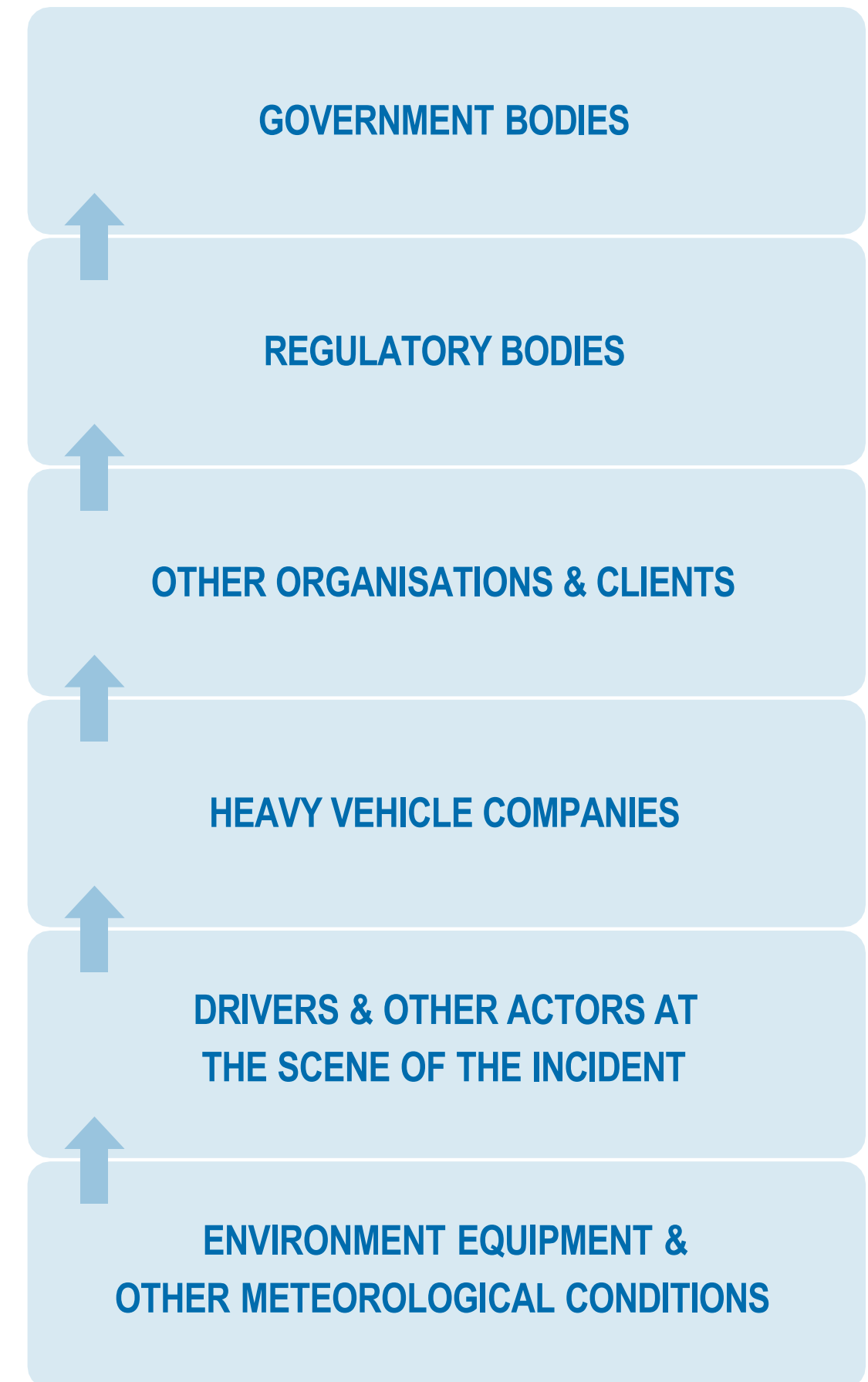
Improve information flow



Flexibility in Performing Work



Monitoring Risk Controls



Goal of the Tool



1

Provide a standardized process for reviewing and revising risk controls following the report of an incident or near miss involving a work-related light vehicle

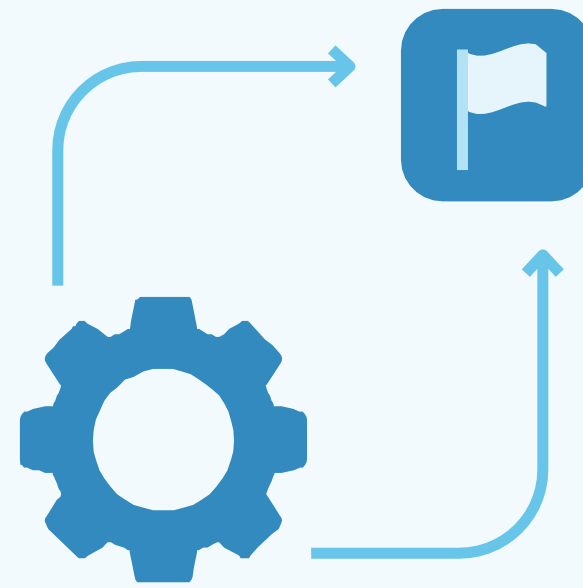
2

Help organisations to identify strategic interventions to drive systemic change required to prevent light vehicle work-related driving incidents and near misses

Purpose of the Tool



Optimise risk controls



Optimise allocation of resources



Improve collaboration
across the system

Steps in the Tool



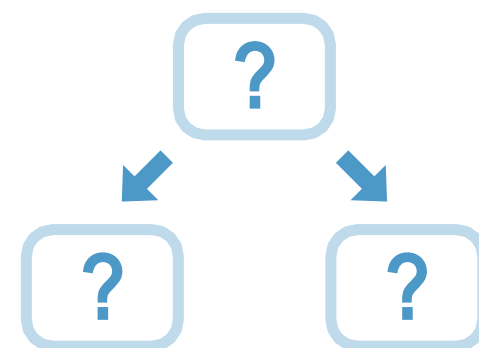
Summary



Identifying
Stakeholders



Identifying
Factors



Accimap



Revision of
Risk Controls



Identifying
Recommendations

Implementation of the Tool



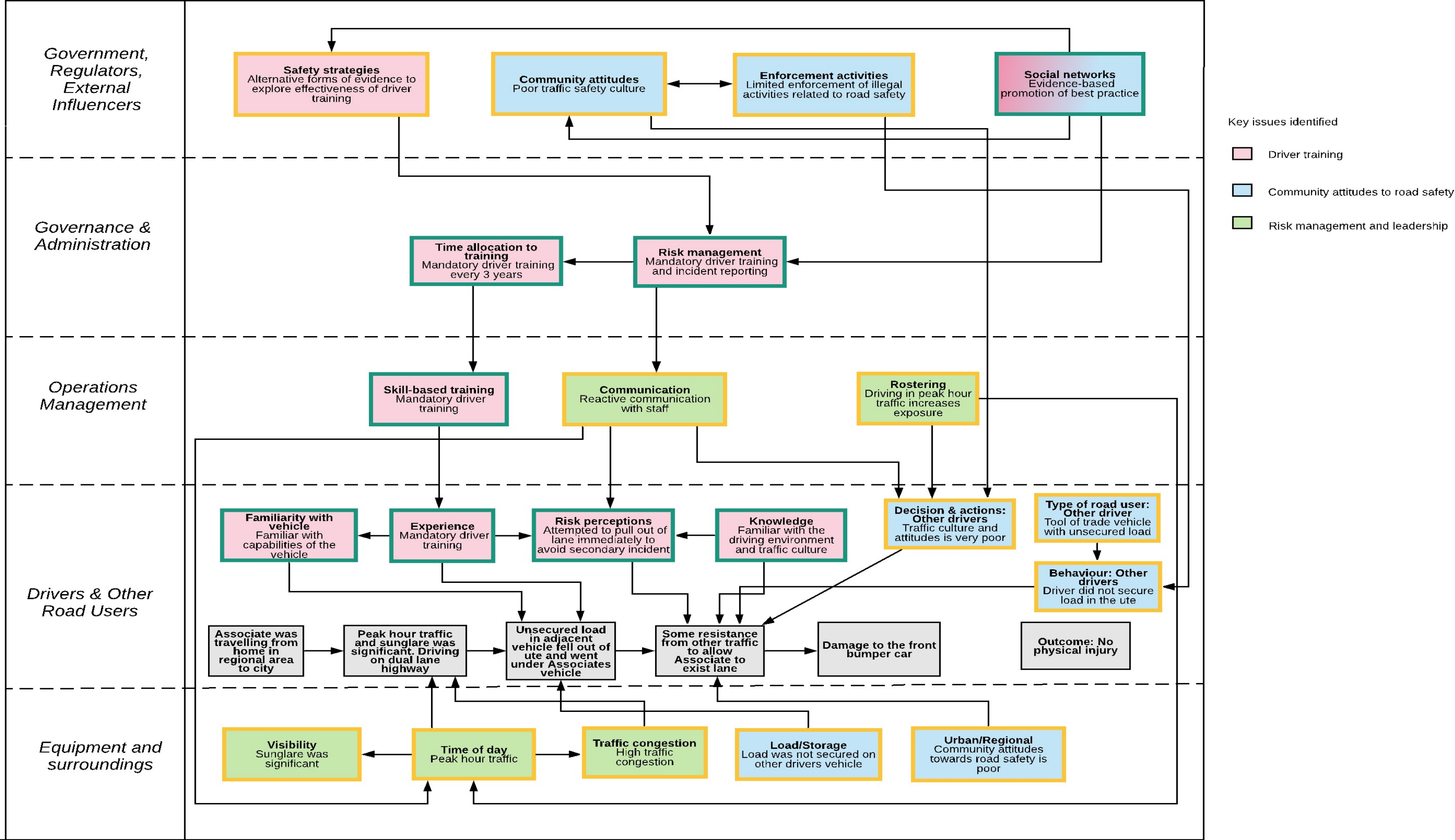
A two-hour webinar



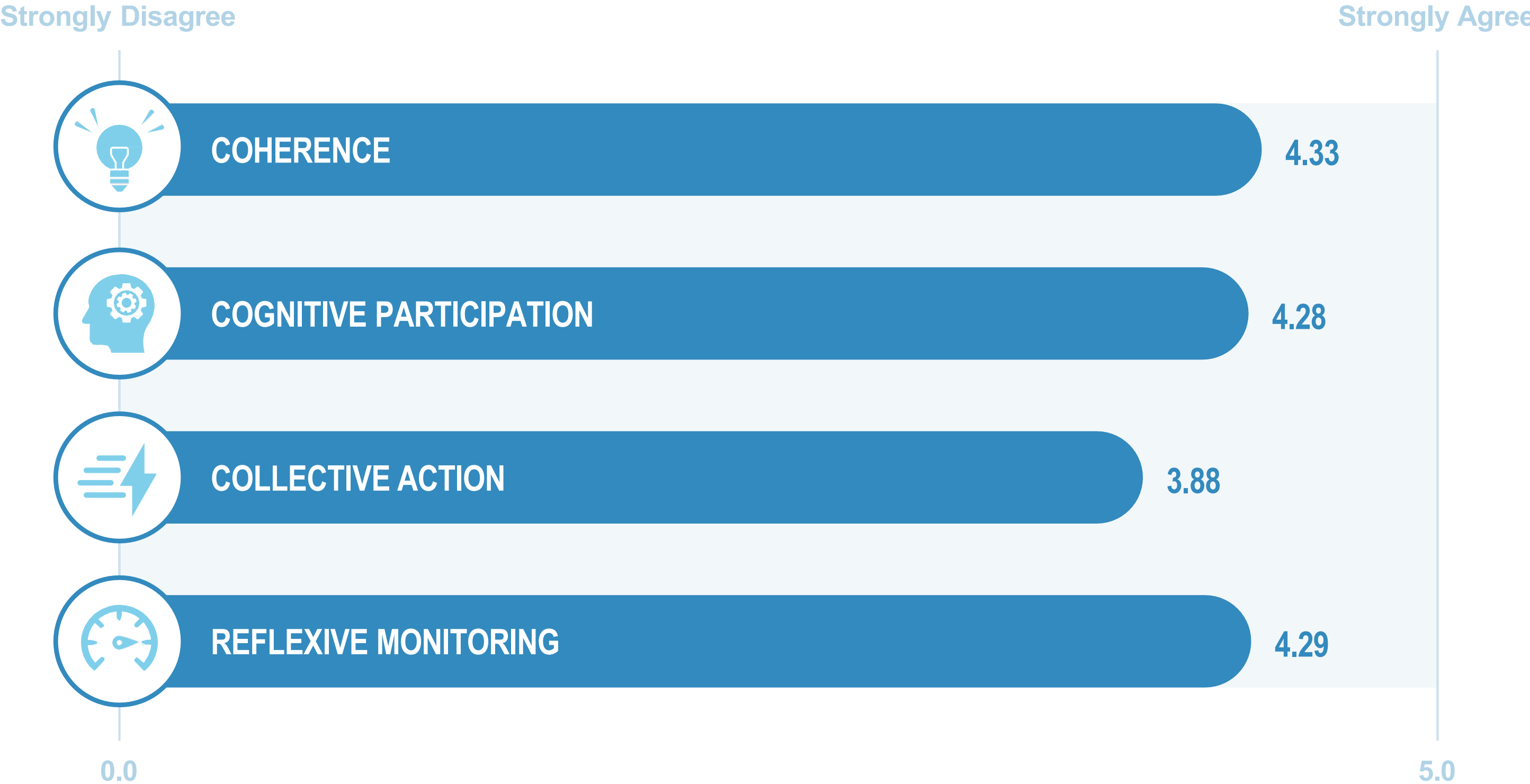
A four-hour workshop



Follow-up coaching



Feedback from Users of Systems Thinking Tools



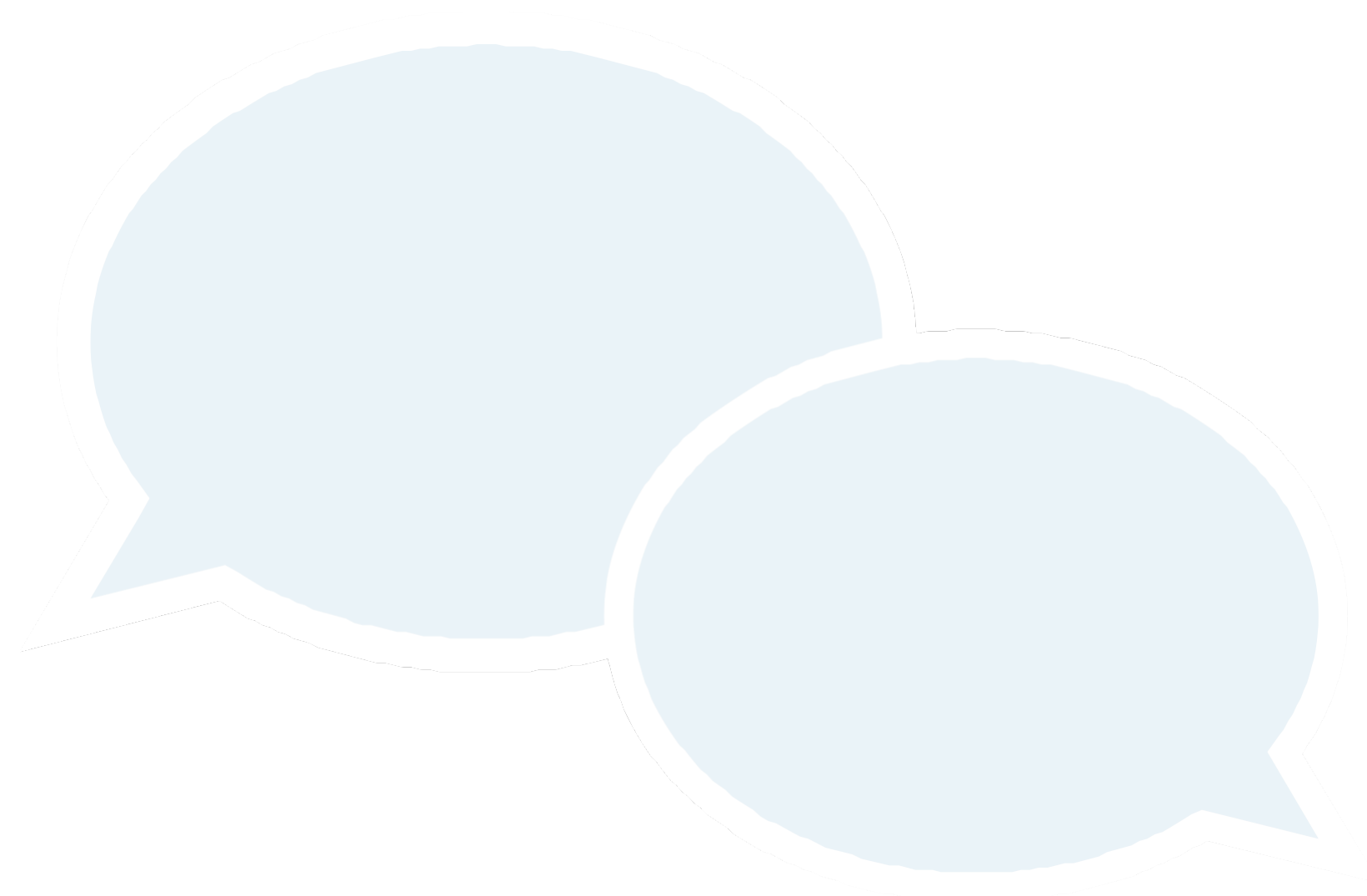
Feedback from Users of Systems Thinking Tools

The Accimap is a useful tool when communicating key issues through to higher level management as it allows us to identify where the key responsibilities for actions exists.

Moving forward I would consider using it for cluster reviews (defined as 2-3 similar incidents) at low harm risk rating level 4 and for an entered incident at moderate to high risk harm ratings alongside standard site investigation protocols where detailed Systems Review becomes apparent.

The steps of the tool are easy to work through and the process is very helpful in prompting a comprehensive investigation of particular incidents.

Q&A



For Further Information

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Questions?



Thank You

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