

COMPARISON REPORT ROAD SAFETY INVESTIGATION TECHNIQUES



A comparative assessment between three established proactive road safety investigation techniques; Road Safety Audit, Safe System Assessment and the International Road Assessment Program (iRAP) or in Australia AusRAP ROAD SAFE iRAP / **AusRAP** SAFETY SYSTEM ATTRIBUTE **ASSESSMENT** AUDIT Provides recommendations for improved road safety outcomes Easily accessible online training courses available Harnesses expert experience and independence Low data input requirements Considers the safety of unlimited types/categories of road user 뗴 Can be conducted on existing roads¹ and road upgrade designs 00 No limit on the number or type of issues that can be considered Can consider context specific factors such as weather ald Quantifies road safety risk and also road safety benefit Can compare design options for expected road safety benefit Easy to learn process Data and evidence driven Can investigate vehicles, people and post-crash care Can provide a high degree of precision **Ø** Enables setting of quantitative safety targets ★☆☆☆☆ Outputs can be easily understood by non-technical stakeholders Global standard and highly repeatable between users Results are available in a central web platform Scalable to a network level Able to produce economic analysis for safety countermeasures Able to predict fatal and serious injuries



Applicable



Somewhat (or sometimes) applicable



Not applicable

1. Road Safety Audits of existing roads are common practice in Australia, however around the world this type of assessment is referred to by other terms such as; road safety inspection, road safety diagnostic, road safety review.

Globally accepted training syllabus and accreditation scheme









