

# Harnessing Road Safety Data for Safer Infrastructure: From Planning to Implementation

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# Road Safety Assessments in Project Preparation

Project Cycle

Road safety phasing



Preparation and approval

Scoping and assessing risk and opportunities



Implementation

Developing and implementing interventions, monitoring



Completion and evaluation

Reporting and evaluation

# Road Safety Assessments

1. Data analyses, modeling or estimates.
2. Maturity of road safety management systems.
3. Inspections and impact assessments.
4. Audits and assessments of designs.
5. Traffic management during construction.
6. Engagement with stakeholders.



iRAP = International Road Assessment Programme, RSA = road safety audit.  
Sources: International Road Assessment Programme (iRAP) and Safe System Solutions Pty Ltd.

# Safety Interventions

## Safety interventions during project preparation

Promote the road safety agenda

Road safety planning

Road safety in designs

Planning interventions for the implementation



## Embed safety in project documentation

RRP, Economic Analysis, Climate Change, Gender assessments, poverty and social assessments, sector assessment etc

# Safety Interventions (contd..)



## 1. During Implementation Phase

Capacity building  
Road safety in project designs  
Procurement of civil works



## 2. Road safety during construction

Traffic management plan  
Temporary traffic control arrangement  
Speed management  
Enforcement  
Post crash care



## 3. Project completion stage

Measure performance with respect to targets set in the DMF  
summarize any incidents or compliance issues that were identified.  
Include lessons learned about road safety during the project to further strengthen

# Thank You

