

SESSION 1.3 ROAD SAFETY SYSTEMS

CONDUCTING ROAD SAFETY AUDITS & APPRAISALS

PRESENTED BY: RTS & AGTTC

6 – 7 June 2023



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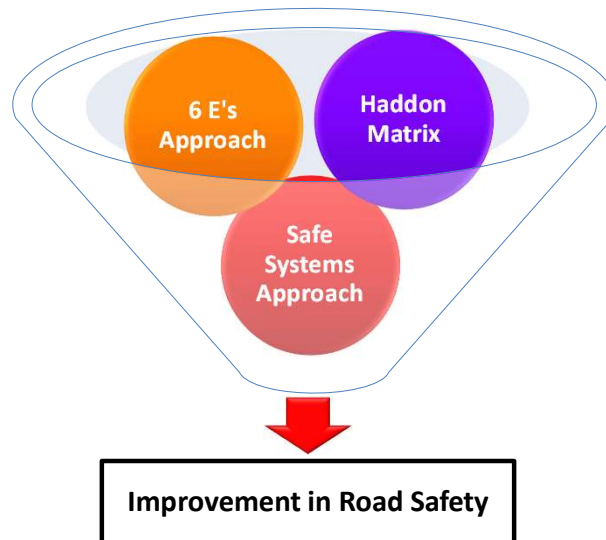


THE HOLISTIC APPROACH TO ROAD SAFETY

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Existing, globally accepted road safety approaches.

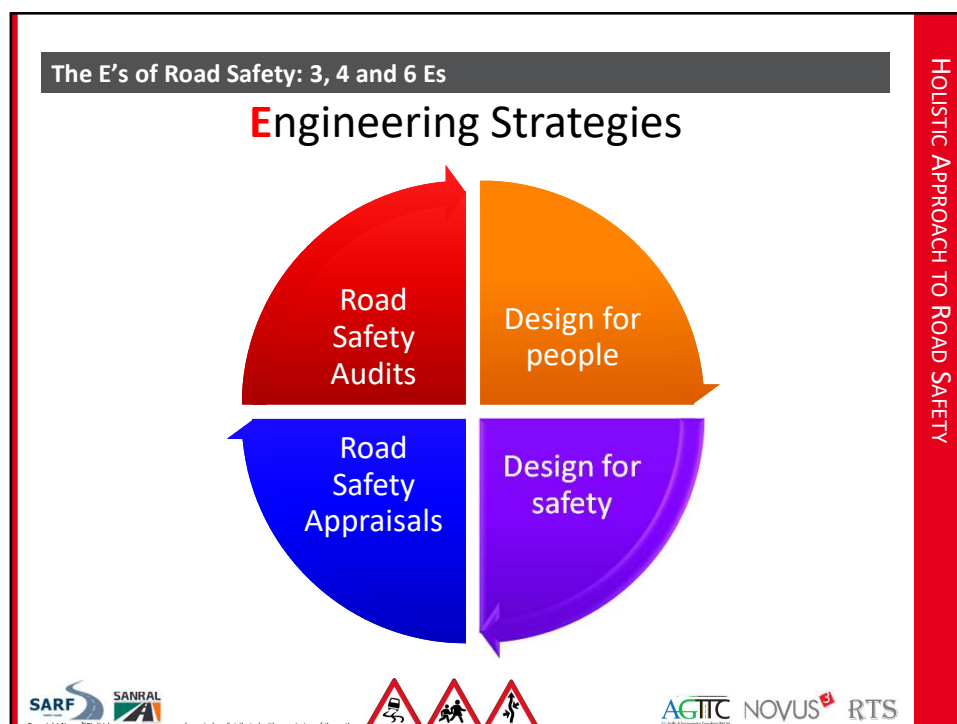


The E's of Road Safety: 3, 4 and 6 Es

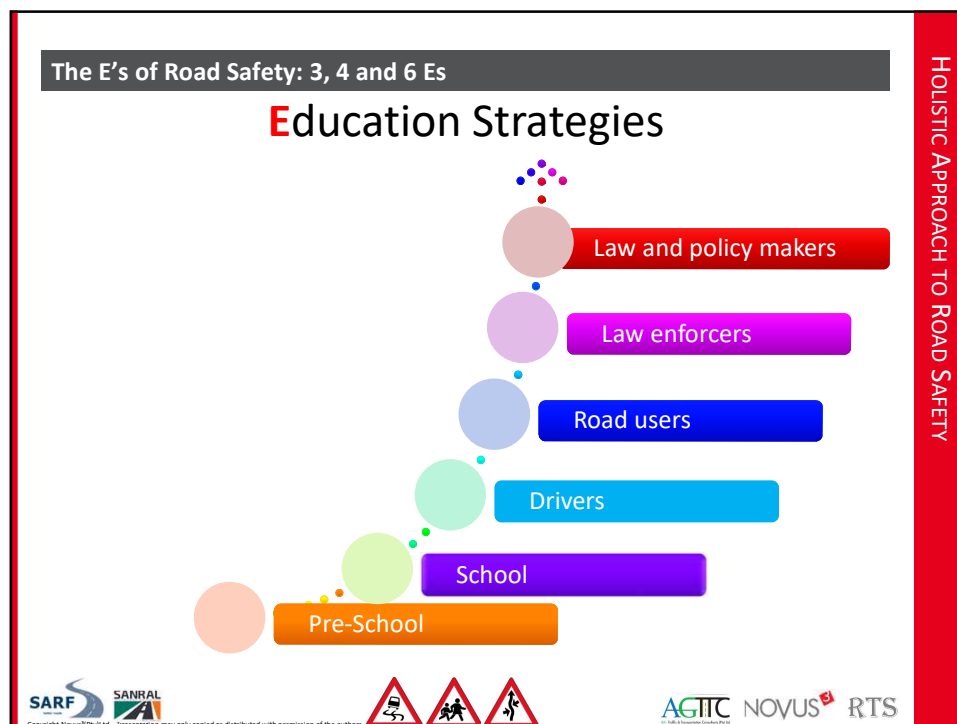
- **E**nforcement strategies
- **E**ngineering strategies
- **E**ducation Strategies
- **E**mergency Response Strategies
- **E**mpowerment Strategies
- **E**valuation Strategies



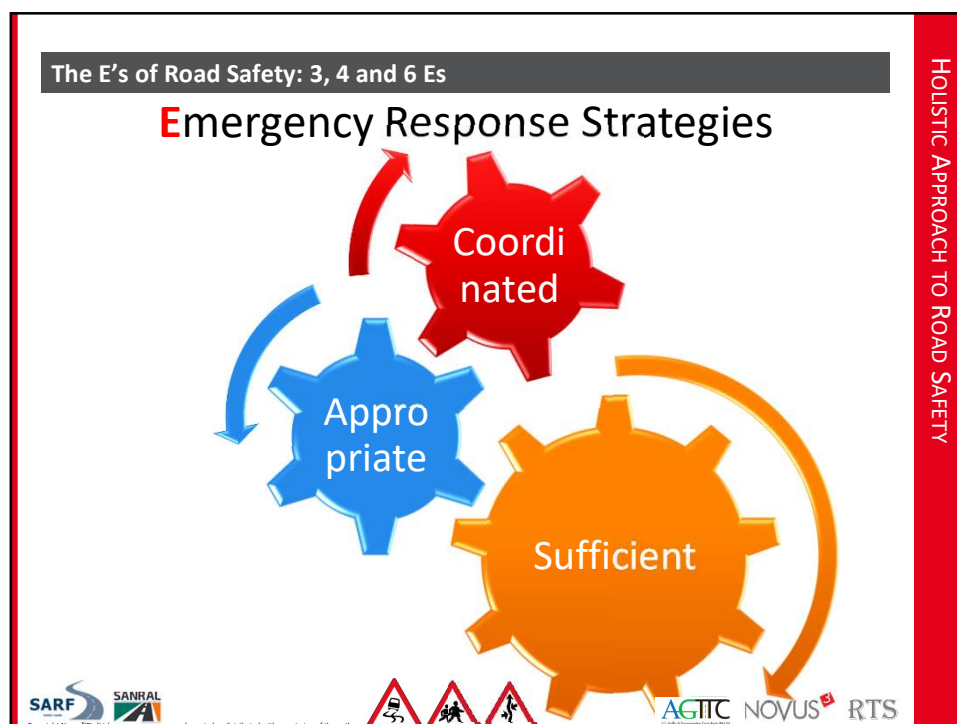
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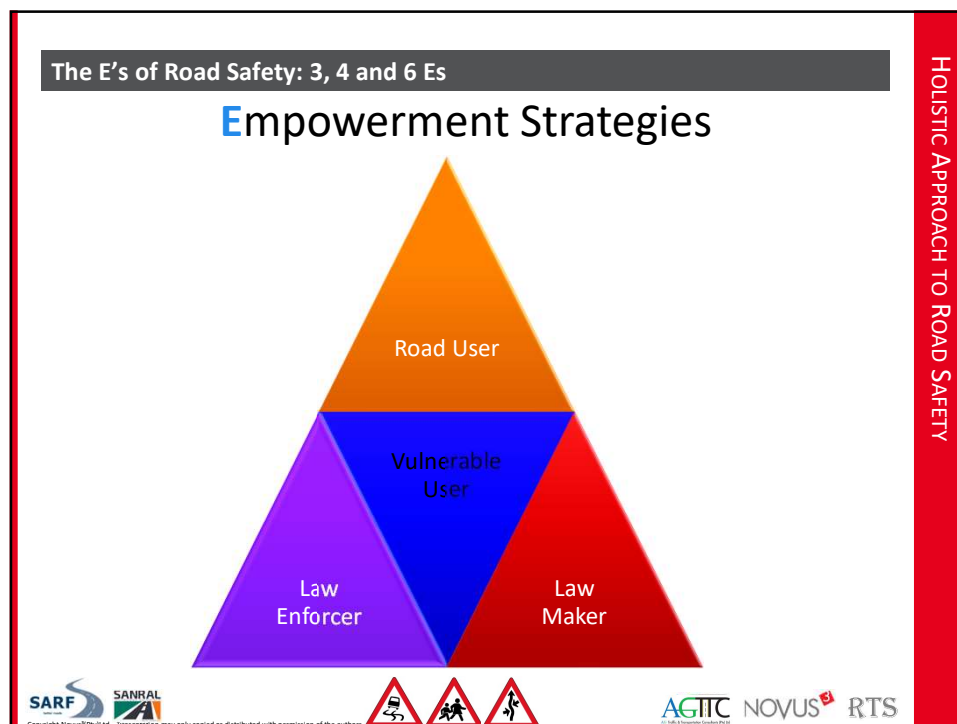
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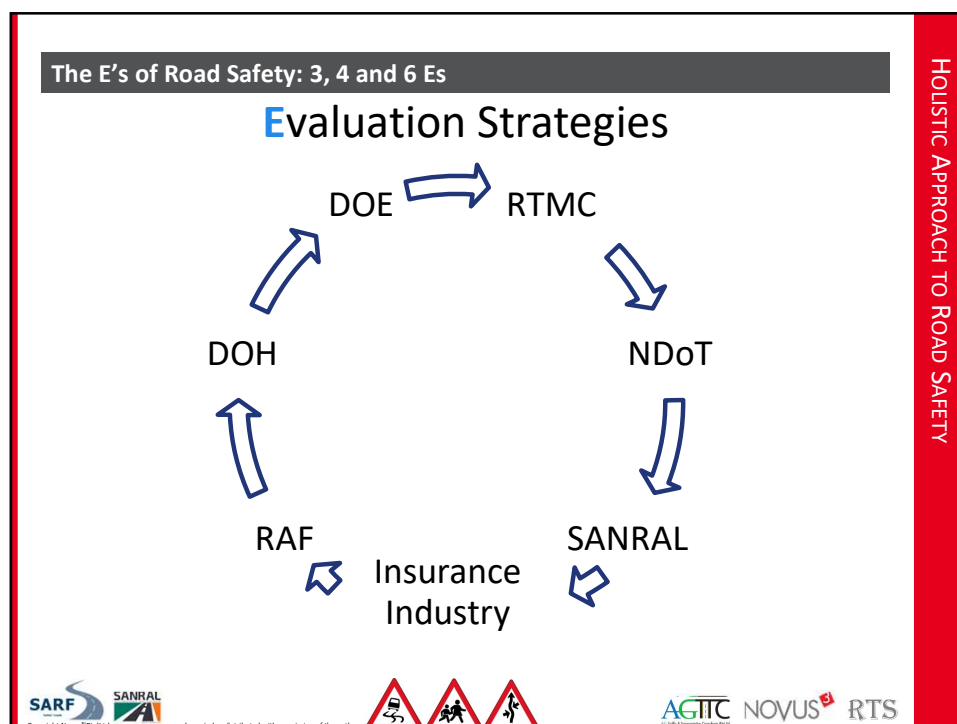
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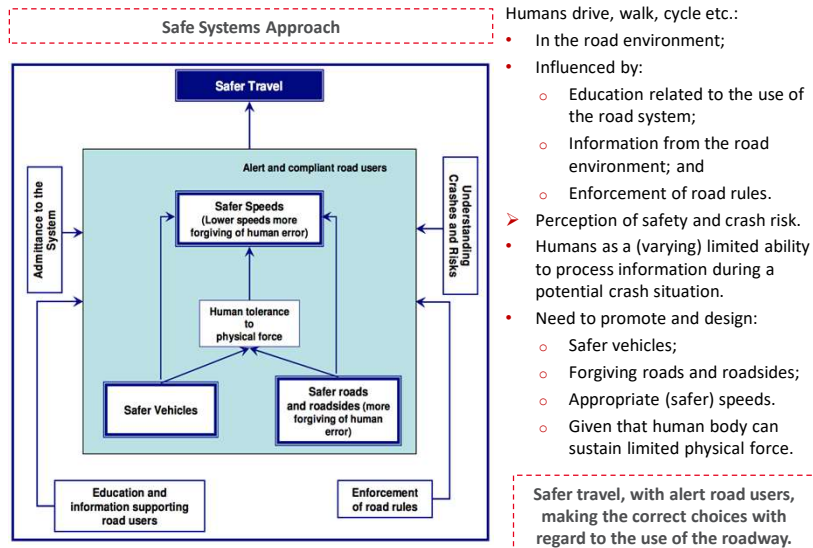
		Human factors	Vehicle factors	Road /Environment factors
PRE-CRASH	Crash prevention			
CRASH	Injury prevention			
POST-CRASH	Life sustaining			

		Human factors	Vehicle factors	Road /Environment factors
PRE-CRASH	Crash prevention	Education Training Attitudes Enforcement Behaviour		
CRASH	Injury prevention	Use of restraints		
POST-CRASH	Life sustaining	First aid skill Access to EMS		

The Haddon Matrix				
		Human factors	Vehicle factors	Road /Environment factors
PRE-CRASH	Crash prevention		Roadworthiness Crash avoidance system	
CRASH	Injury prevention		Restraints & Air bags Crash-worthiness	
POST-CRASH	Life sustaining		Ease of access Fire risk	

The Haddon Matrix				
		Human factors	Vehicle factors	Road /Environment factors
PRE-CRASH	Crash prevention			Safe Road design Maintenance
CRASH	Injury prevention			Protection and assistance Barriers, road verges, arrestor beds
POST-CRASH	Life sustaining			Road verges Alternatives

(WHO) 2004 Injury Prevention Report recommends a Safe Systems Approach



ROLES AND RESPONSIBILITIES: GLOBAL COMMITMENTS

South Africa's Commitments

Decade of Action (2011 – 2020), MOSCOW

The Global Plan provides a framework for the Decade of Action. The guiding principles underlying the Plan for the Decade of Action underpins the "Safe System" approach. The goal and specific objectives of the global plan are:

To stabilize and then reduce the rate of road traffic fatalities around the world by 2020.

This will be attained through:

- Developing and implementing sustainable road safety strategies and programmes;
- Setting an ambitious yet feasible target for reduction of road fatalities by 2020 by building on the existing frameworks of regional casualty targets;
- Strengthening the management infrastructure and capacity for technical implementation of road safety activities at the national, regional and global levels;

- Improving the quality of data collection at the national, regional and global levels;
- Monitoring progress and performance on a number of predefined indicators at the national, regional and global levels;
- Encouraging increased funding to road safety and better use of existing resources, including through ensuring a road safety component within road infrastructure projects.

ACCRA Declaration

In essence the declaration commits SADC to implement and strengthen the required legislation, action and enforcement plans to ensure that measurable targets to reduce fatalities due to road accidents are met.

In this regard a target of halving fatalities by 2015 has been set in the Accra Declaration.

Moscow Resolutions, Accra Declaration and SADC Protocol

Common goals and objectives:

- Management structures for road safety
- Road safety targets and plans
- Collection of crash data and management of information
- Collaboration
- Enforcement and legislation
- Infrastructure management with special focus on vulnerable road users
- Road safety communication and education
- Harmonisation of road safety and vehicle regulations
- Land use and transportation
- Pre-hospital care and incident management
- Driver training and testing



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Summary of our Commitments

Road safety problems cannot be addressed in isolation.

- The 2009 Moscow Decade of Action (*First Global Ministerial Conference on Road Safety Requested by the UN General Assembly*),
- The 2009 SADC Protocol (*implementation framework by ASANRA - Association of Southern Africa National Road Safety Agencies*) and
- The 2007 Accra Declaration (*African Road Safety Conference in Ghana*).



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Our Collective Target in SADC



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ROLES AND RESPONSIBILITIES

NATIONAL GOVERNMENT

Department of Transport

Department of Health

Department of Education

Other e.g. Dirco, Police, etc.

STATE OWNED ENTITIES (SOEs)

SANRAL

RTMC

RAF

Other e.g. SANS/SABS

Policy

Legislation

Research

Campaigns

Structures

Licensing

Partnerships

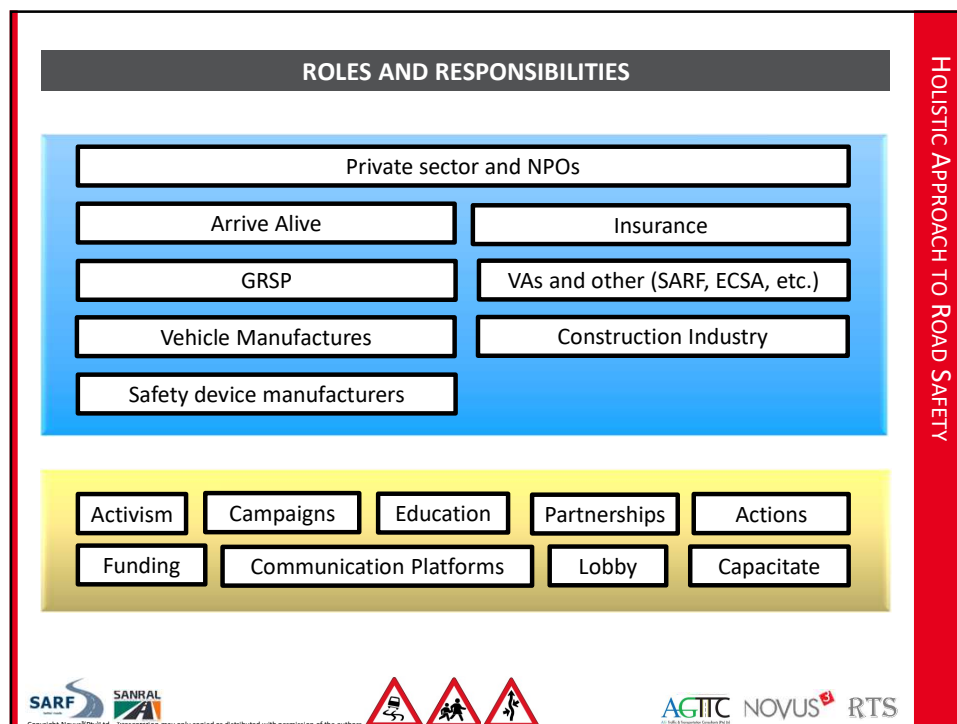
Capacitate

Facilitate

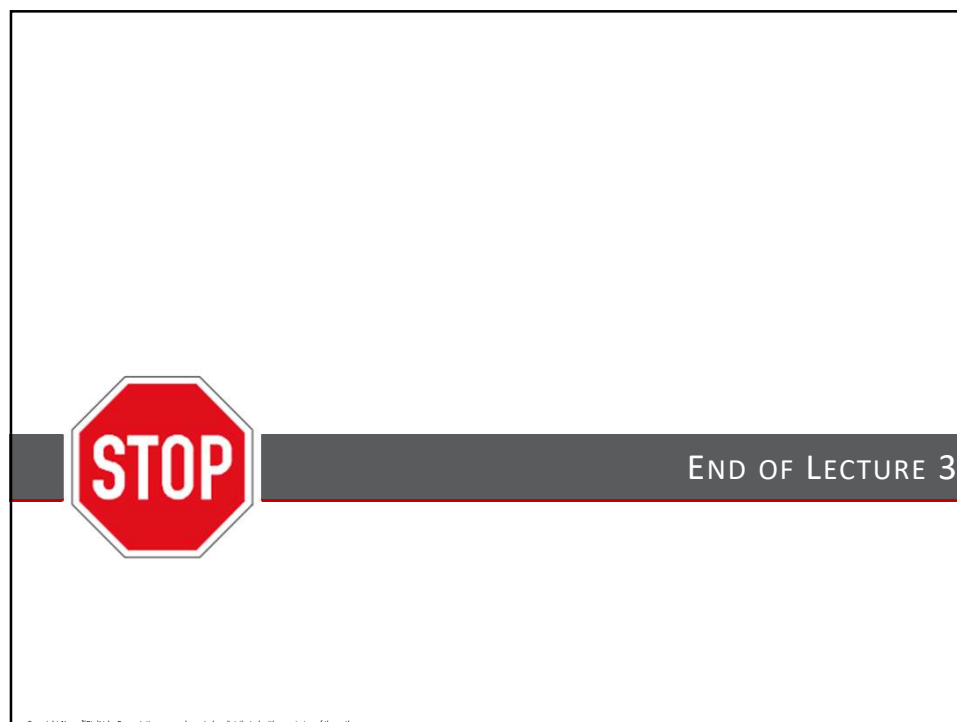


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