
Vision for a National ITS Strategy

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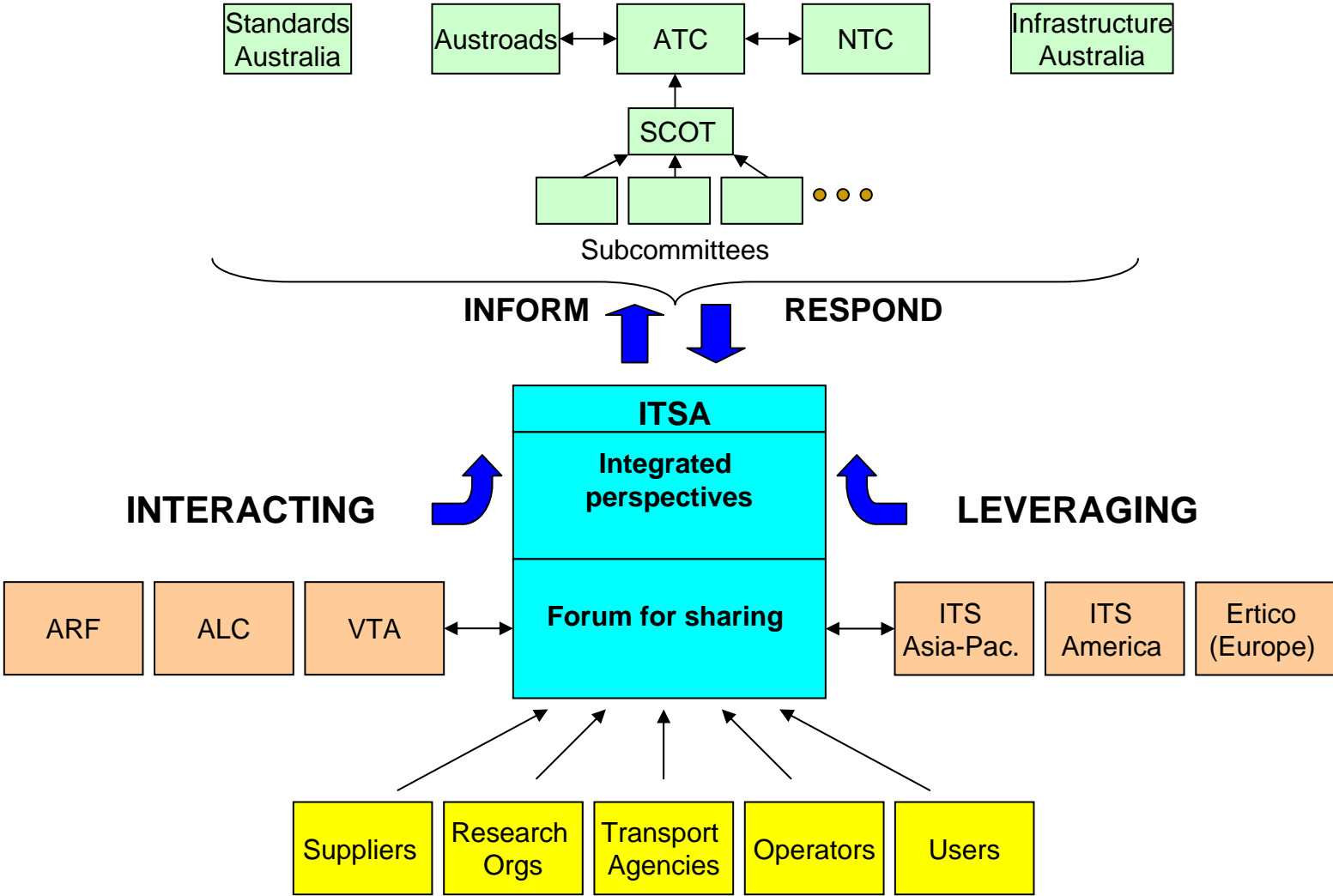
Established in 1992, ITSA is Australia's principal organisation focused on facilitating the development and deployment of advanced technologies across all modes of transport; air, sea, road and rail.

It brings together suppliers, operators, researchers, government, consultants and transport user organisations with a common focus on an enhanced transport solution.

Our Vision

To promote the use of intelligent transport systems (ITS) technology as an enabler to deliver safer, more efficient and environmentally sustainable transport solutions.

National transport policy



Recent history of ITS strategy development

November 2009

- Inaugural Australian ITS Summit held in Melbourne
- Hosted by ITSA and the Victorian Government
- A working forum

December 2009 to February 2010

- ITSA working group distils the output of the Summit
- Prepares a draft National ITS Strategy

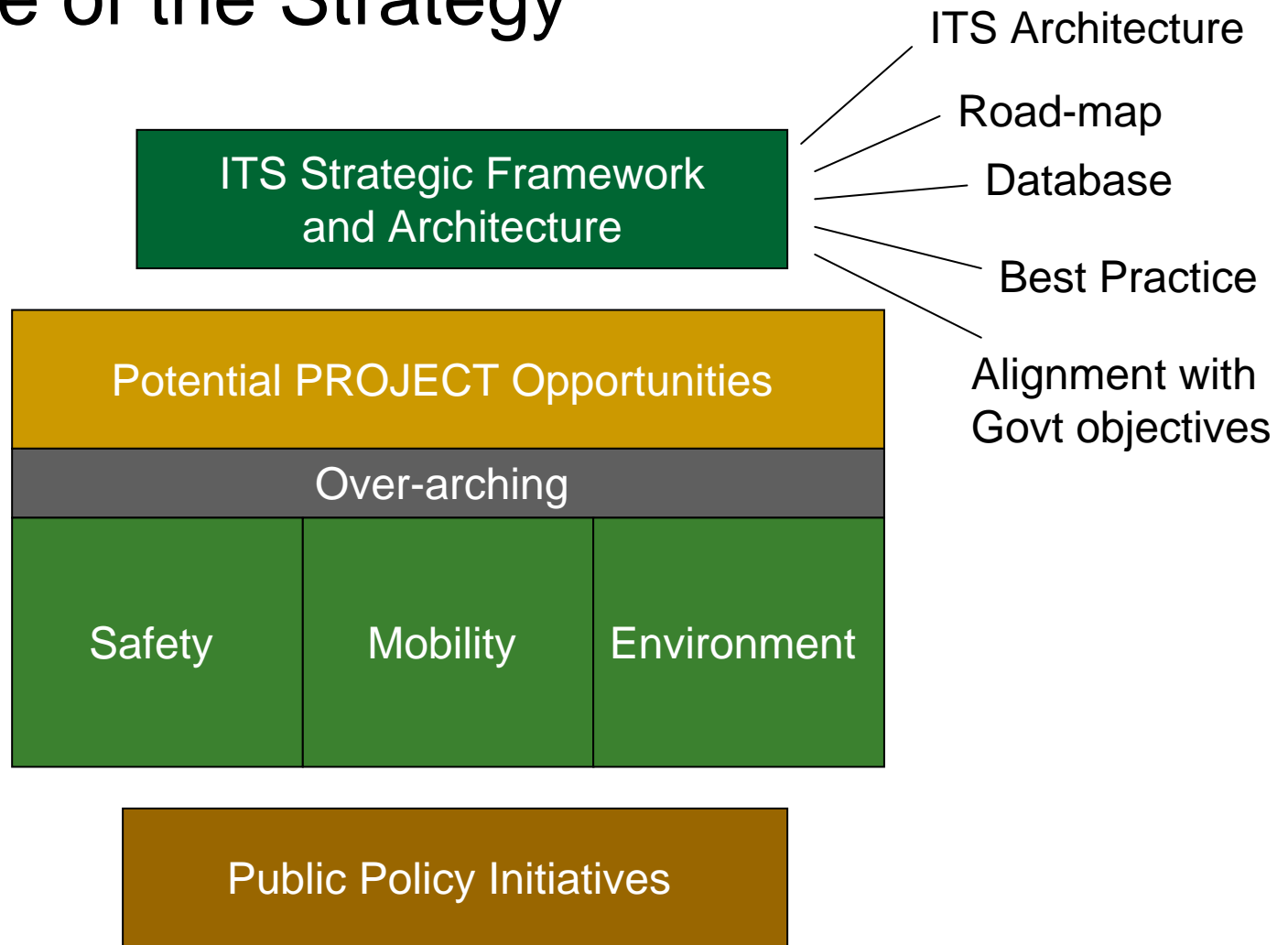
March – April 2010

- Draft circulated and comments invited

The Vision for ITS Contribution

SAFETY	MOBILITY	ENVIRONMENT
<ul style="list-style-type: none">• Prevent accidents• Minimise Harm	<ul style="list-style-type: none">• Accessible information improves mobility and choice of modes• Management of transport demand	<ul style="list-style-type: none">• ITS an enabler of reduction in environmental impact
TARGET: Zero harm	TARGET: Zero avoidable congestion	TARGET: Significant (50-70% reduction in emissions)

Structure of the Strategy



Roles: Industry ITSA Government

Over-arching themes

Projects

- V-V and V-I trial and demonstration programs
- Deployment of test-beds in each State, using the adopted architecture
- Application to support transport infrastructure management – monitoring

Public policy

- Education of the community on ITS
- Distributed national centre of transport excellence

Specific Project Opportunities

Safety	Mobility	The Environment
Intelligent Speed Assistance (Adaptation)	Route navigation with real-time conditions	Real-time tracking of environmental performance
Heavy vehicle driver fatigue	Multi-mode transport portal for real-time info	Electric vehicle charging systems
Advanced driver assistance & warnings	Managed access to lanes and zones	Measurement of impact of road initiatives
	Motorway management systems	
	Road pricing, tolls and congestion pricing	
	Freight enhancement solutions	
	Next gen rail signalling	

Next steps

May and June - finalise and publish

- feedback to be incorporated
- updated version to be provided to the Smart Infrastructure Inquiry

FY2010 -11

- Facilitation of concept and project development
- Focus on distributed, collaborative action

Approx October 2011

- The next Australian ITS Summit to be held in Brisbane

Thank you

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