



Transport
Asset Standards
Authority

AEO Community of Practice #1

Luke Homann, Principal Manager Authorisation and Audit



TfNSW and ASA priorities and progress

TRANSPORT NETWORK ASSETS BY NUMBERS

State roads

43,000+ km

30

ferries



2124

buses



12,000 km
of rail



Train
carriages

1947



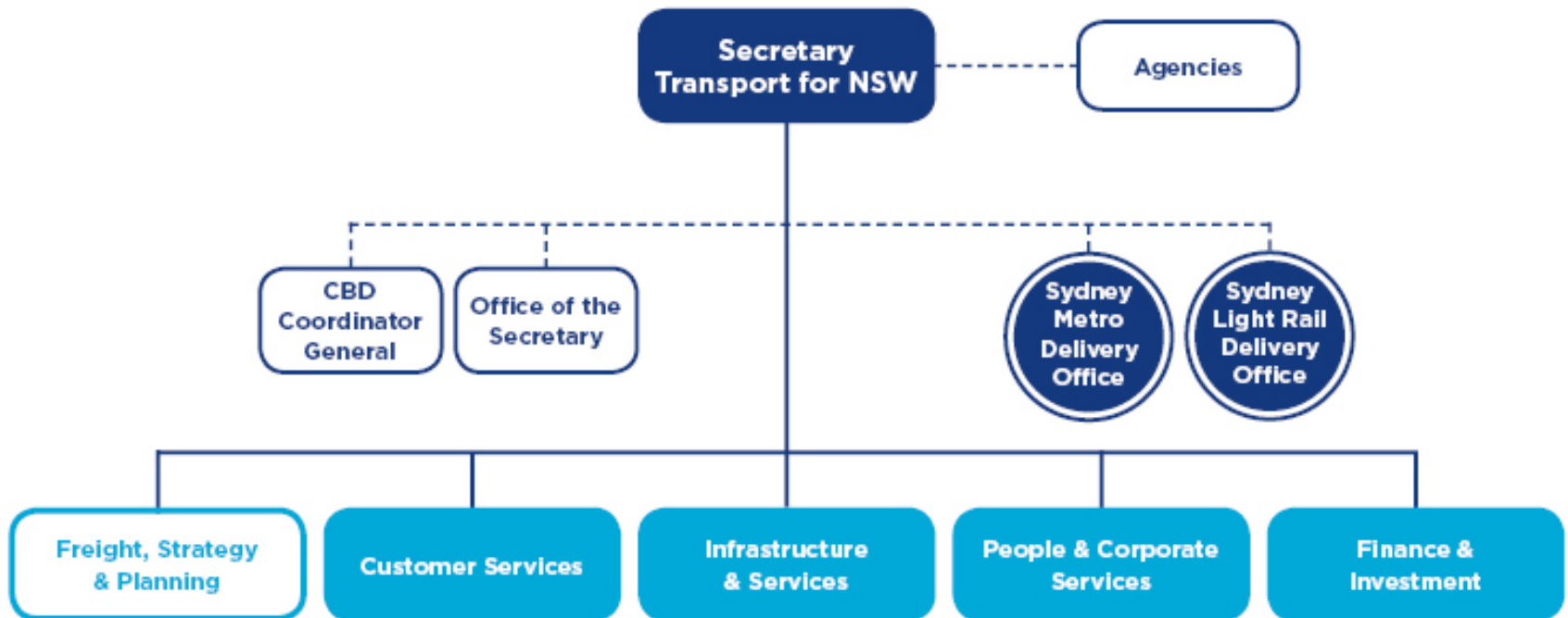
384 Stations and stops

107 Wharves and jetties

9321 Bridges

\$114bn
in network assets

Transport for NSW organisation





Jim Modrouvanos
Director

Principal Managers



Mark Smith
Industry & Technical
Development



Graham Bradshaw
Network Standards
& Services



John Paff
A/Cheif Engineer



Toby Horstead
Network & Asset
Strategy



Andy Tankard
Safety, Quality,
Environment & Risk



Luke Homann
Authorisation
& Audit



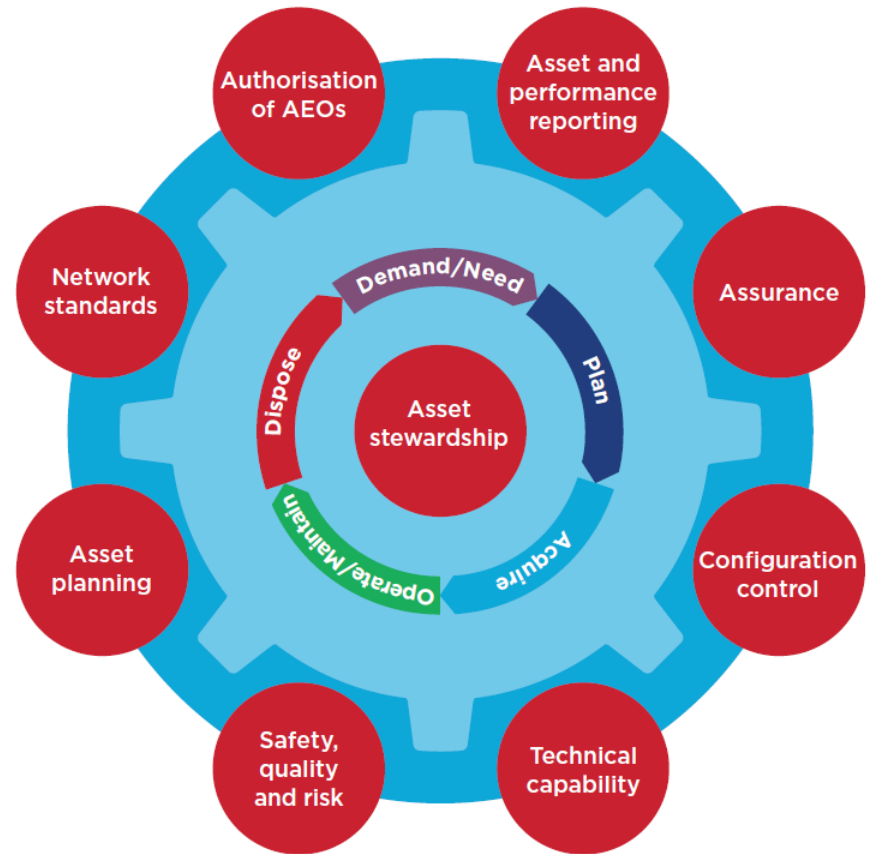
Nick Mountford
Safety, Quality &
Environment

ASA organisation details

Item	Detail	Comment
Locations	Chatswood (main) Chippendale	12 Help Street (near the Chatswood Interchange) Level 4, 18 Lee Street (TfNSW SQE Team)
People	Establishment - 148	A key branch of the Freight, Strategy and Planning Division of Transport for NSW
Culture	Diverse workforce Strong values focus	A mix of public and ex-private sector personnel brings experience and knowledge to drive long-term reform

ASA – purpose and core functions

- **Making it clearer and simpler**
 - for Transport Cluster
 - for Supply Chain
- Enabling innovation
- Fitness for purpose assets
- Driving transparency
- Values and customer focus



Assuring across all modes and the life cycle



The “eight pillars” of engineering assurance



Working with AEOs

OUR AEOs | AECOM | AEOEP | ALSTOM TRANSPORT | AMS PROJECT TEAM | ANSALDO STS AUSTRALIA PTY LTD | ARENCO | ARUP | ATKINS | AURECON | BECA | BOLEH CONSULTING | CAF SPAIN | CALDIS COOK GROUP PTY LTD | DEGNAN CONSTRUCTIONS | DOWNER INFRASTRUCTURE | DOWNER RAIL | EPS AUSTRALIA PTY LTD | GHD | HASSELL | INTERFLEET TECHNOLOGY | JACOBS | JMD RAILTECH PTY LTD | JOHN HOLLAND | KBR | LAING O'ROURKE AUSTRALIA | LEIGHTON CONTRACTORS | LINDSAY DYNAN CONSULTING ENGINEERS | MCCONNELL DOWELL CORPORATION LTD | METWEST ENGINEERING PTY LTD | MGB INTERNATIONAL | MOTT MCDONALD | MWH GLOBAL | NOVA SYSTEMS | NOVO RAIL | PARSONS BRINCKERHOFF | RCR INFRASTRUCTURE | O'DONNELL GRIFFIN | ROBERT BIRD GROUP | SCOTT LISTER | **SIEMENS RAIL AUTOMATION** | SMEC | SNC LAVALIN TRANSPORTATION (AUSTRALIA) | SYDNEY TRAINS | THALES GROUP AUSTRALIA | TRANSFIELD SERVICES | UGL ENGINEERING | UGL UNIPART | URS PTY LTD |

Industry engagement - sharing and listening

Industry Briefings

- Updates, guidance, thought leadership and awareness
- Two to four per year to 150+

Industry Round Tables

- Discuss and dissect key topics from industry briefings
- Two to four per year to approx 60+

Industry Seminars

- Large technical audiences
- Detailed and application-specific technical learnings and contemporary subject matter

Technical Forums

- Capture and share knowledge and experience
- 20-30 attendees tailored to the subject matter

Purpose of today

- A collaborative forum where TfNSW and AEOs can discuss lessons in working within the AEO Model
- Seeking free-flowing discussions outside the constraints of a contract

Purpose of the Community of Practice

- Improve how the AEO Model works
- Understand the pillars and tensions of assurance
- Communicate and find common approaches
- Develop a culture of collaboration and community
- Outcomes . . .how?

Rules of today

- No project specific issues
- All opinions are valued
- Constructive not destructive points
- Agree to take the outcomes out into the business
- Open and honest



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Configuration management

Configuration control

Topic 1 - Configuration control – expectations of TfNSW and AEOs in regards to planning, preparation and participation in the configuration control process

Activity	Time	Comment	Facilitator
Intro	2 minutes	Purpose and protocols of session	Luke Homann
Separate into two groups - AEO and Transport	20 minutes	Groups to discuss experiences, issues and lessons, facilitated by an appointed lead for each group	Tracy White (AEO) / Jonathon Luey (Transport)
Feedback from both groups on views/comments	10 mins (5 mins each)	Questions of fact only allowed from the other group	Tracy White / Jonathon Luey
TfNSW Configuration Management	5 minutes	A holistic view from the custodians of the TfNSW configuration management model and plan	Toby Horstead
Group discussion	20 minutes	To develop and understand common themes, challenges, RFIs and suggested actions / outcomes	Luke Homann – facilitated open discussion
Close activity	3 minutes	Summary of outcomes / actions	Luke Homann

Activities

- Individual groups – 20 minutes
 - Challenges and/or opportunities
 - 5 x statements on challenges and /or opportunities
- Feedback – 5 minutes per group
 - Questions of fact only

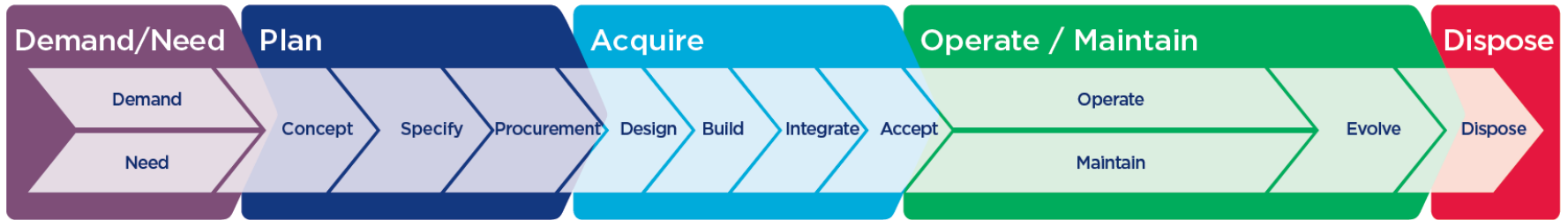


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The ASA view

Toby Horstead, Principal Manager Network and Asset Strategy

Asset management and assurance



Stakeholder Management

Risk Based Management

Value Realisation

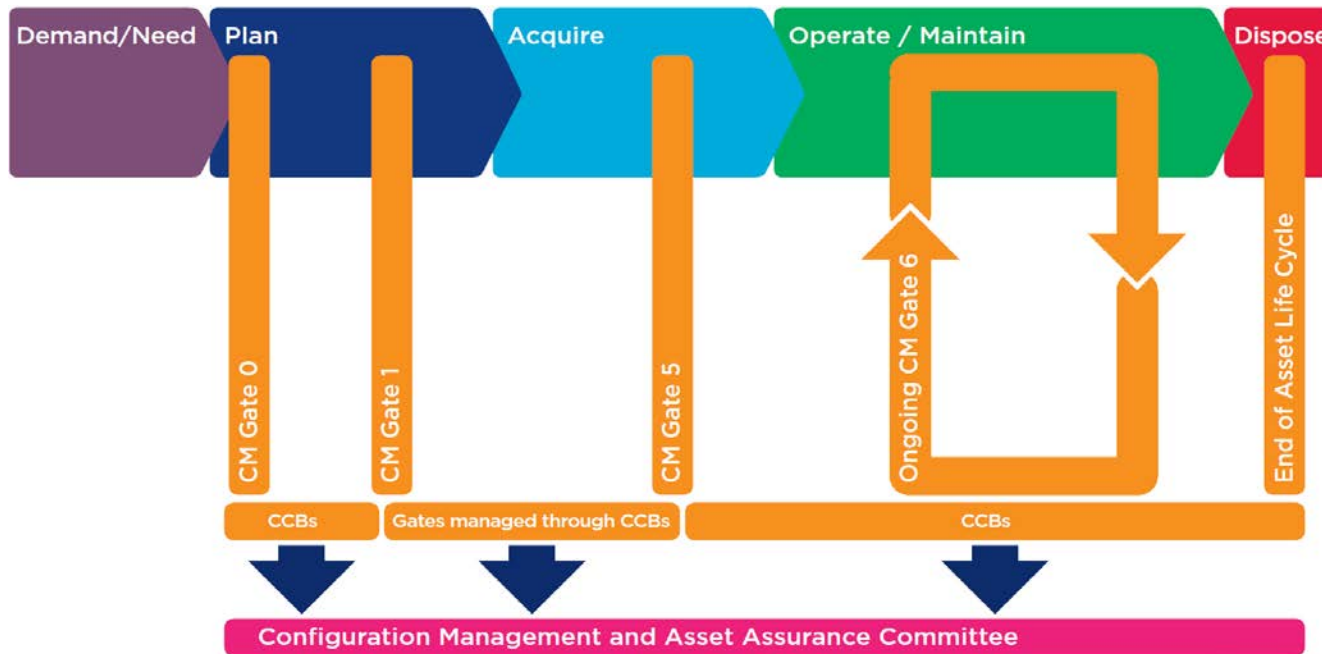


TfNSW Configuration Management Plan

- Configuration Management Plan based on AS ISO 10007
- Arrangements for managing configuration
- Provides a standard framework
- Key committees
 - TfNSW CMAAC
 - ASA CCB
- Delegation of authority - tiered approach



Confidence across the asset life cycle



- TfNSW seeks assured decisions
- AEO model - empowers supply chain and assists both TfNSW and service providers in attaining assurance
- Confidence in engineering and safety decisions - across life cycle

Activities

- Group discussion – 20 minutes
 - Challenges and/or opportunities
 - 5 x statements on challenges and /or opportunities



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Stakeholder management

Stakeholder management

Topic 2 – Stakeholder Management – expectations of TfNSW and AEOs in regards to collaboration and stakeholder management			
Activity	Time	Comment	Facilitator
Intro	2 minutes	Purpose and protocols of session	Luke Homann
Separate into two groups - AEO and Transport	20 minutes	Groups to discuss experiences, issues and lessons, facilitated by an appointed lead for each group	Greg Bowyer (AEO) / Oliver Fried (TfNSW)
Feedback from both groups on views/comments	10 mins (5 mins each)	Questions of fact only allowed from the other group	Greg Bowyer / Oliver Fried
An industry and TfNSW experience	5 minutes	View from the custodians of industry engagement and how ASA has adopted modern and effective stakeholder management practices	Mark Smith
Group discussion	20 minutes	To develop and understand common themes, challenges, RFIs and suggested actions / outcomes	Luke Homann – facilitated open discussion
Close activity	3 minutes	Summary of outcomes / actions	Luke Homann

Activities

- Individual groups – 20 minutes
 - Challenges and/or opportunities
 - 5 x statements on challenges and /or opportunities
- Feedback – 5 minutes per group
 - Questions of fact only

The ASA view

Mark Smith, Principal Manager Industry and Technical Development

ASA observations – opportunities

- Relationships...not checklists...are key to assurance
 - Configuration control (CCB)
 - Delivery
- A tool - cultivate relationships to help manage risks, issues and expectations (confidence)
- Scalable and active to manage requirements and resolve conflict
- Neutralise threats / leverage support

ASA observations – food for thought

- Leadership and resource allocation is critical
- Stakeholder management as a function - not a checklist as part of project management
- Establish principles – consistency and human contact throughout
- Plan, communicate, monitor and evaluate – it's cyclical
- Recognise you can't please everybody – expectations up front
- Proactive detection - conflicts requirements, change and risk

Activities

- Group discussion – 20 minutes
 - Challenges and/or opportunities
 - 5 x statements on challenges and /or opportunities

Open forum

- What can we do?
- How to communicate this to the AEO Community of Practice?
- Terms of Reference
- Other items



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Close

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