Transport Asset Standards Authority

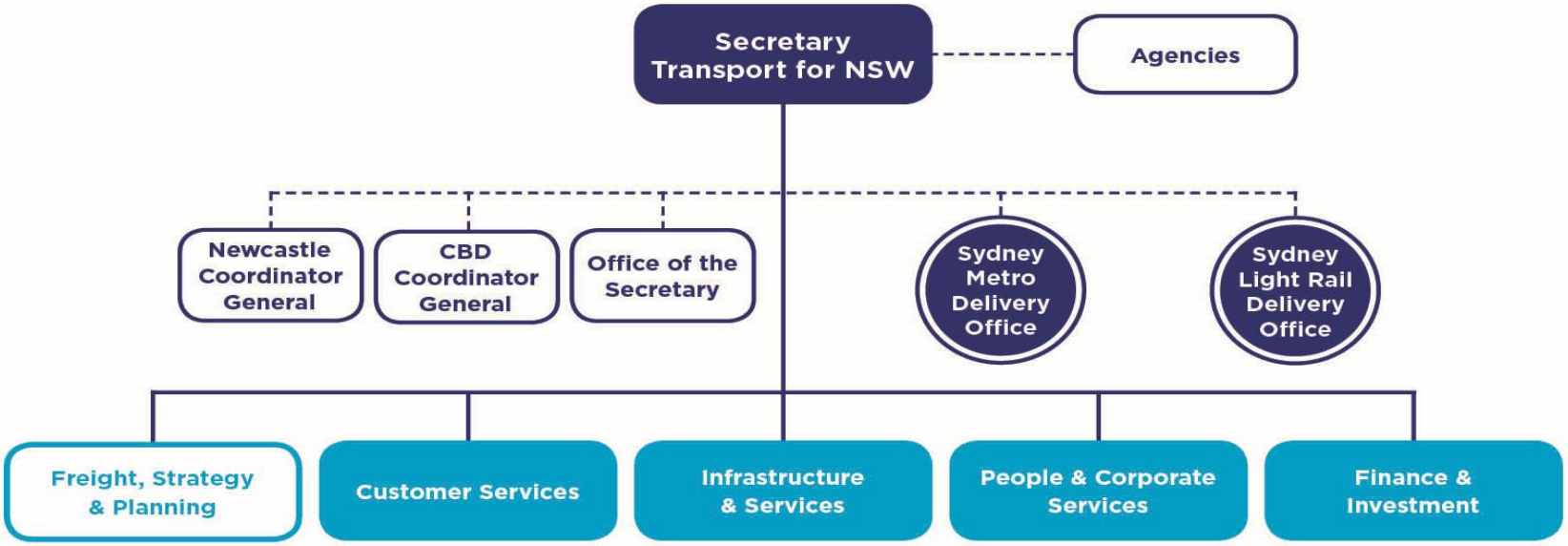
The Asset Standards Authority – Knowledge Management In Action

Mark Smith, Principal Manager Industry & Technical Development
Dorothy Koukari, Senior Engineer Standards

ASA purpose, priorities and progress

Mark Smith, Principal Manager Industry & Technical Development

Transport for NSW organisation



ASA organisation

Jim Modrouvanos
Executive Director

Principal Managers

Mark Smith
Industry & Technical Development

Graham Bradshaw
Network Standards & Services

Andrea Parker
Chief Engineer

Toby Horstead
Network & Asset Strategy

Andy Tankard
Safety, Quality, Environment & Risk

Luke Homann
Authorisation & Audit

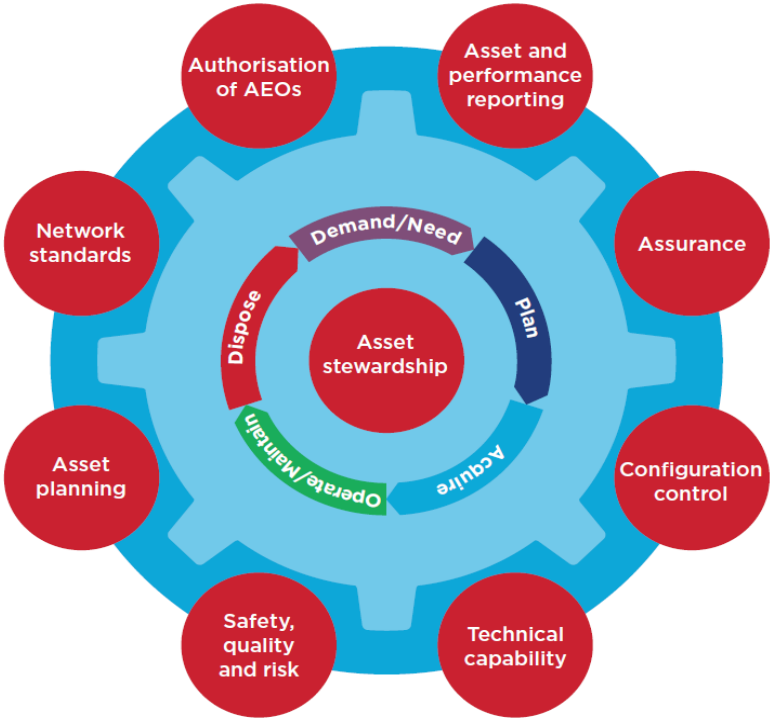
Nick Mountford
Safety, Quality & Environment

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

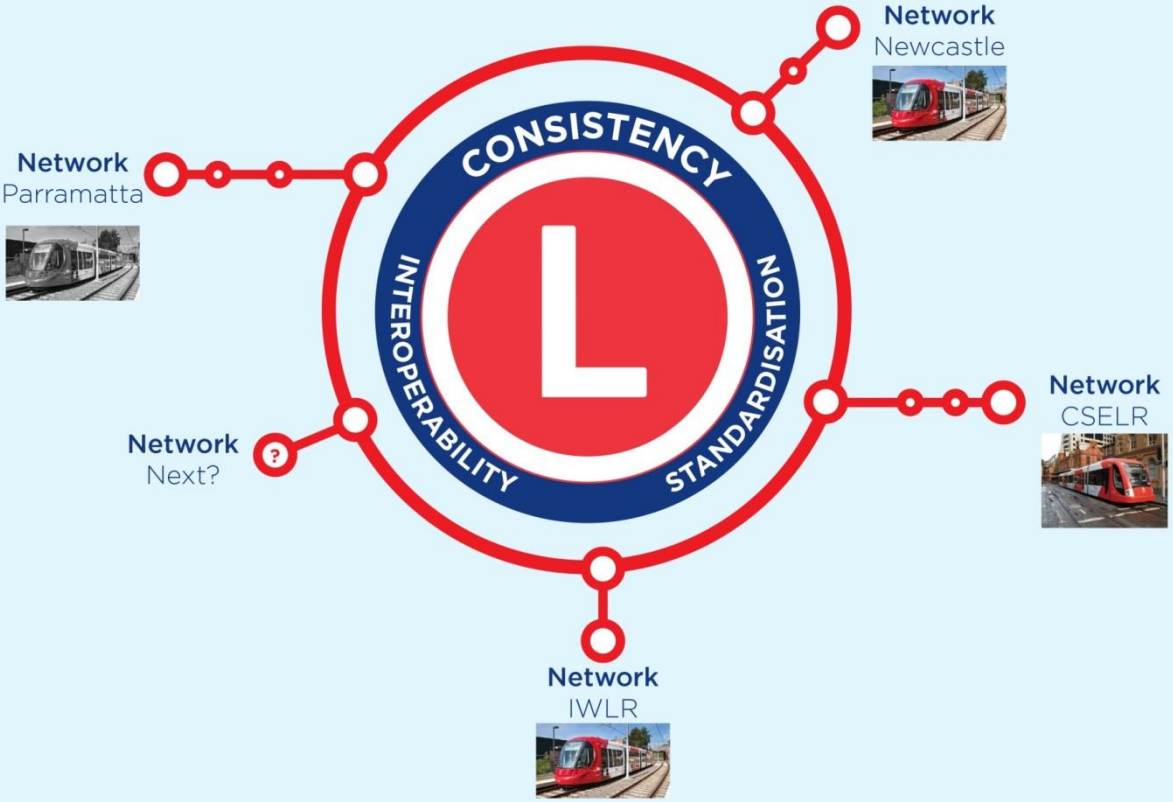
- Making it clearer and simpler
  - for Transport Cluster
  - for supply chain
- Enabling innovation
- Fit for purpose assets
- Driving transparency
- Values and customer focus



The eight pieces of engineering assurance

Assuring TfNSW across all modes

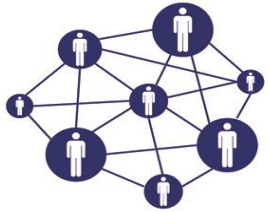
Transport for NSW Light Rail - a Network of Networks



Technical disciplines

Asset Management

Safety



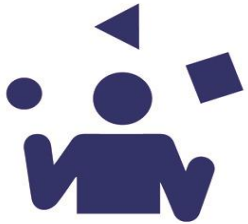
Industry Engagement

Human Factors

Project Management

Environment & Sustainability

Systems Engineering

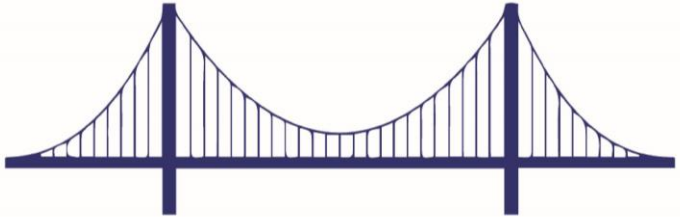


Competency

Quality & Risk

Engineering disciplines

Track



Civil

Electrical

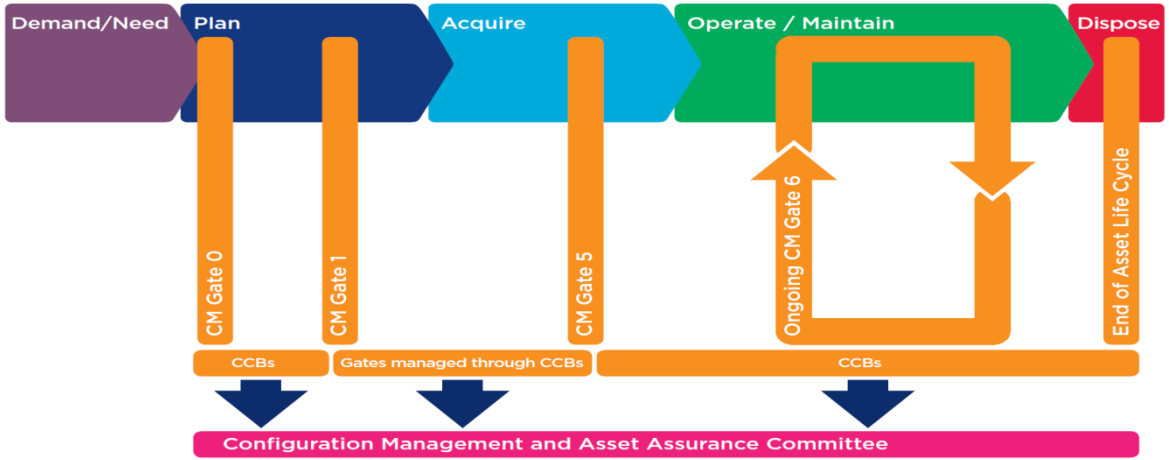
Fleet

Stations &
Buildings

Telecommunications

Signalling

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

Industry engagement – sharing and listening

Industry Briefings	• Updates, awareness and thought leadership • Two to four per year • Up to 400 attendees
Industry Round Tables	• Update, drive change and seek feedback • Two to four per year • Up to 200 attendees
Industry Seminars	• Educate, train and seek feedback • Up to one per discipline (up to 10 total per year) • Up to 70 attendees
Technical Forums	• Capture, share and apply knowledge • Up to two per discipline (up to 20 total per year) • Up to 35 attendees

AEO Community – 80+ and growing

Transport for NSW
Authorised Engineering
Organisation

ASA Industry Engagement

NSW GOVERNMENT | Transport Asset Standards Authority

A Sponsor of ENGINEERS AUSTRALIA

ASA achievements – 2015/16

- Assuring **all** modes - CMAAC
- 80 standards, with light rail and maritime standards in development
- RMS alignment and liaison
- Authorised 26 AEOs
- 31 industry events
- Project engineering guidance (Metro, Light Rail and Ferries)
- Engineers Australia partnership

ASA contact details

Thank you

Level 7, 12 Help St, Chatswood

02 9422 7187

info@asa.transport.nsw.gov.au

asa.transport.nsw.gov.au

Transport Asset Standards Authority

Active Transport Links on the rail corridor

T HR CI 12180 ST

Dorothy Koukari, Senior Engineer Standards

What are active transport links?

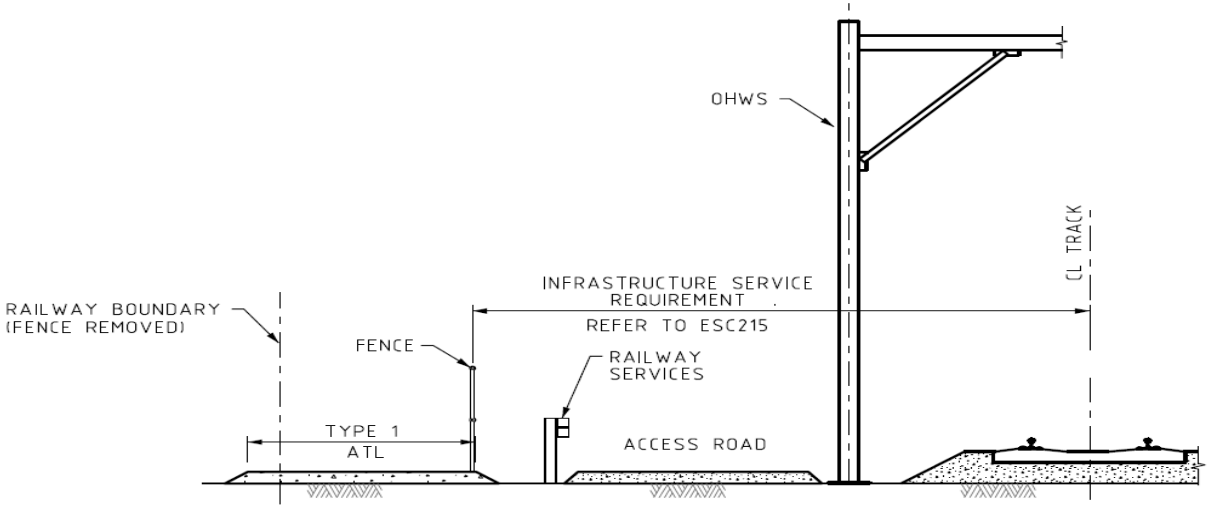
- Active Transport Links (ATLs) can be footpaths, cycleways, and shared walking and cycle paths
- The rail corridor could provide an opportunity to develop ATLs

Key stakeholders – TfNSW

- Rail Corridor Management Group (RCMG) – All application for development within TfNSW heavy rail corridors are made through the RCMG.
- Rail Infrastructure Manager (RIM) – The RIM shall be consulted during the development of the proposed ATL to ensure that:
    - appropriate measures are included in the ATL to manage risks around the safety of the users of the ATL
    - appropriate provision is made for rail operations and maintenance.

Types of ATLs – Type 1

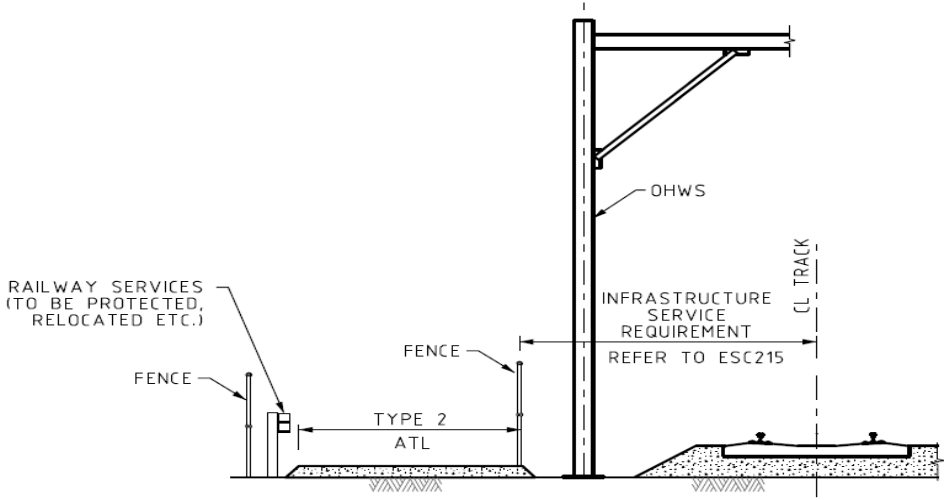
Type1 – ATLs that are separated from the activities of the railway maintainer and the railway operator



TYPE 1 ATL

Types of ATLs – Type 2

Type 2 – ATLs that are not separated from the activities of the railway maintainer and the railway operator



TYPE 2 ATL

Maritime standards

Dorothy Koukari, Senior Engineer Standards

Are we like a fish out of water?

Source: tommymcgregor.com

Why maritime standards?

*Standards **give businesses and consumers confidence** that the goods and services they are developing or using are safe, reliable and will do the job they were intended for.*

Standards Australia

Maritime standards

The ASA is currently preparing two standards for maritime structures:

- pontoons for use by passive and personal water craft and vessels (including sailing boats) up to 6m in length
- the design requirements for moorings for recreational vessels