



**8° CONGRESO MUNDIAL
DE MANTENIMIENTO Y
GESTIÓN DE ACTIVOS**

 **22° Congreso Iberoamericano de Mantenimiento**

 **27° Congreso Internacional de Mantenimiento y Gestión de Activos - CIMGA**

11 · 12 · 13

JUNIO · 2025

Centro de Convenciones
Cartagena de Indias · Colombia

 **abraman**
associação brasileira
de manutenção e gestão de ativos

Federación Iberoamericana
de Mantenimiento


ACIEM
Asociación Colombiana
de Ingenieros

Using asset mangement

To provide value and improve performance

John Hardwick

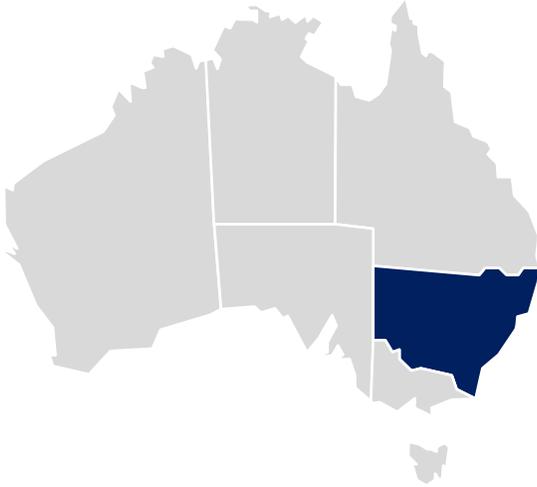
Executive Director Asset Management



NSW Context

New South Wales

Key facts



Over 8.1 million residents

Approx 810,000 sq km

Australia's largest economy at \$700bn

275 different languages

144 religions practiced

Just over 25% of residents born overseas



Transport for NSW Assets





Please signal driver

L 357

PYRMONT 300
via Town Hall 300

Physical Access Legality

PORT

Transport



Transport

Physical Access Legality

Informational sign with text and graphics, likely a route or schedule board.







FRIENDSHIP

FRIENDSHIP

SUSIE O'NEILL

SUSIE O'NEILL

Transport for NSW





Our People



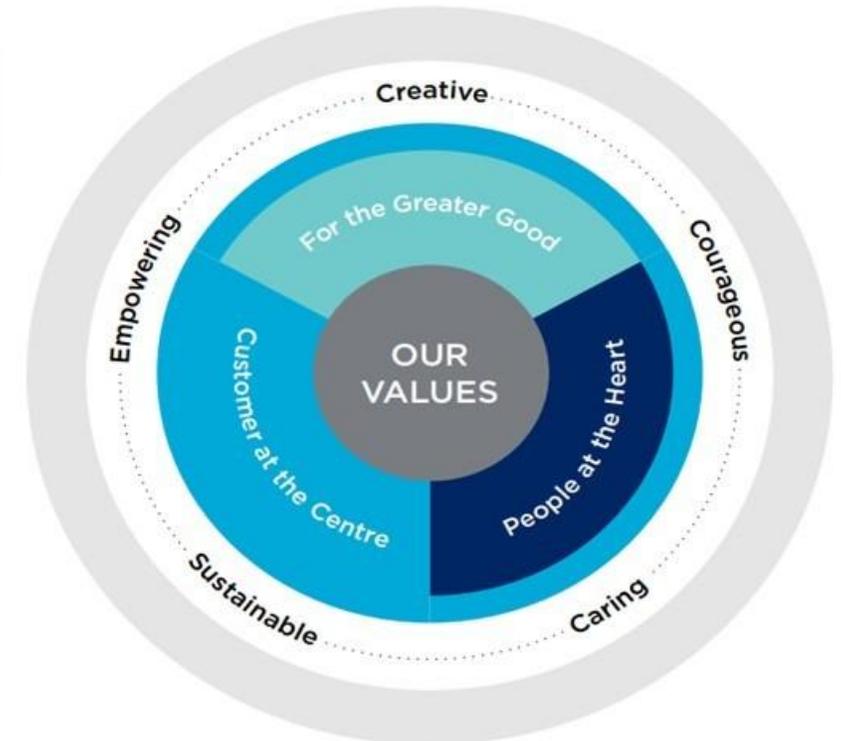
More than **30,000** people work for the Transport cluster

We work **hand-in-hand** with our operating agencies, private operators and industry partners to deliver customer-focused services and project

Approximately **348** locations across NSW

Transport has **hundreds** of service contracts ranging from large businesses to much smaller family-run businesses

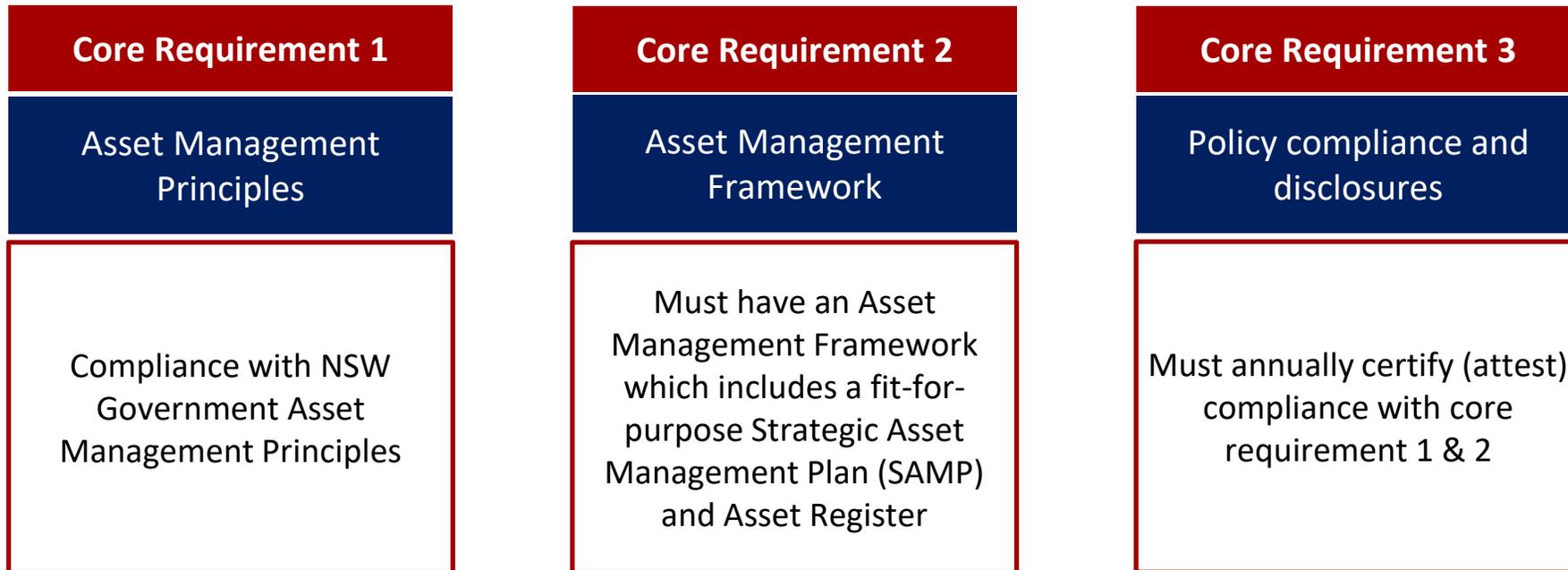
Over **130,000** people are directly or indirectly employed across NSW by the Transport cluster



Asset Management at Transport for NSW

NSW Treasury Asset Management Policy (TPP 19-07)

Purpose of the Asset Management Policy: better asset management through strengthening accountability, performance and capability in across the public sector

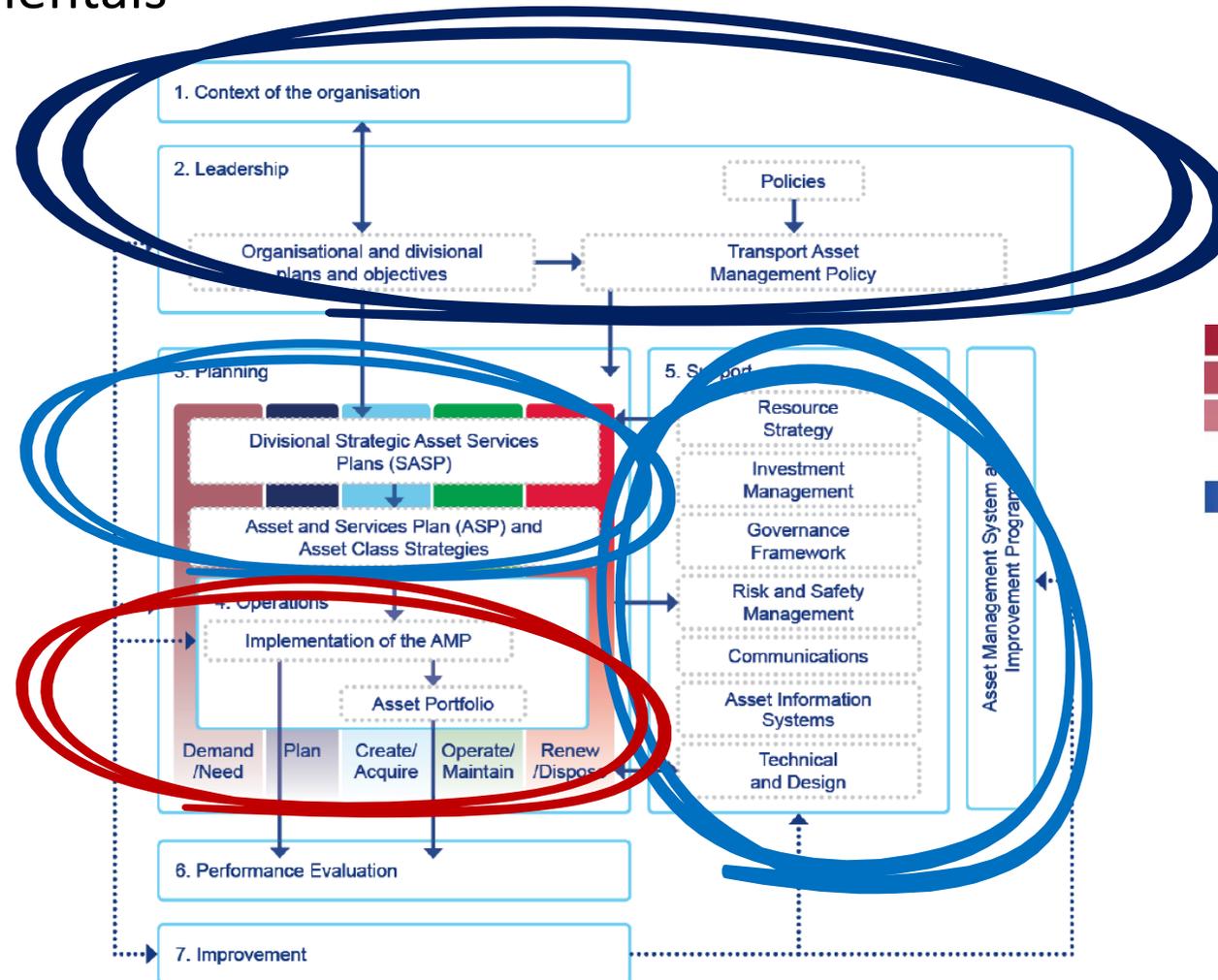
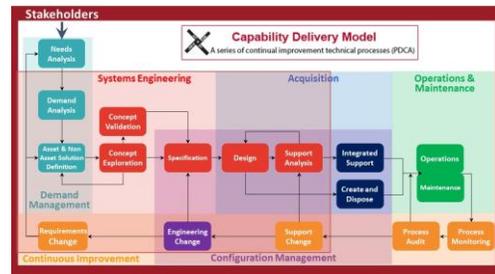
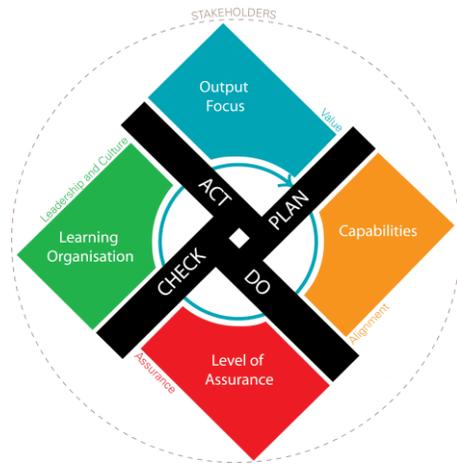


Delivering sustainable outcomes

Aligned to outcome budgeting to ensure the allocation of public resources is based on the outcome achieved for people, not the amount spent or the volume of services delivered

Transport's Asset Management Framework

Building on the fundamentals



Asset Management Framework

Key principles which serve as the foundation

Whole of life cycle

Delivering the desired balance of cost, risk and performance outcomes across the life of the asset

Innovation and improvement

Continuous improvement is delivered through intelligent, outcomes-based compliance and the use of technology



Informed decision making

Timely, accurate, relevant and governed information is used to inform decision making

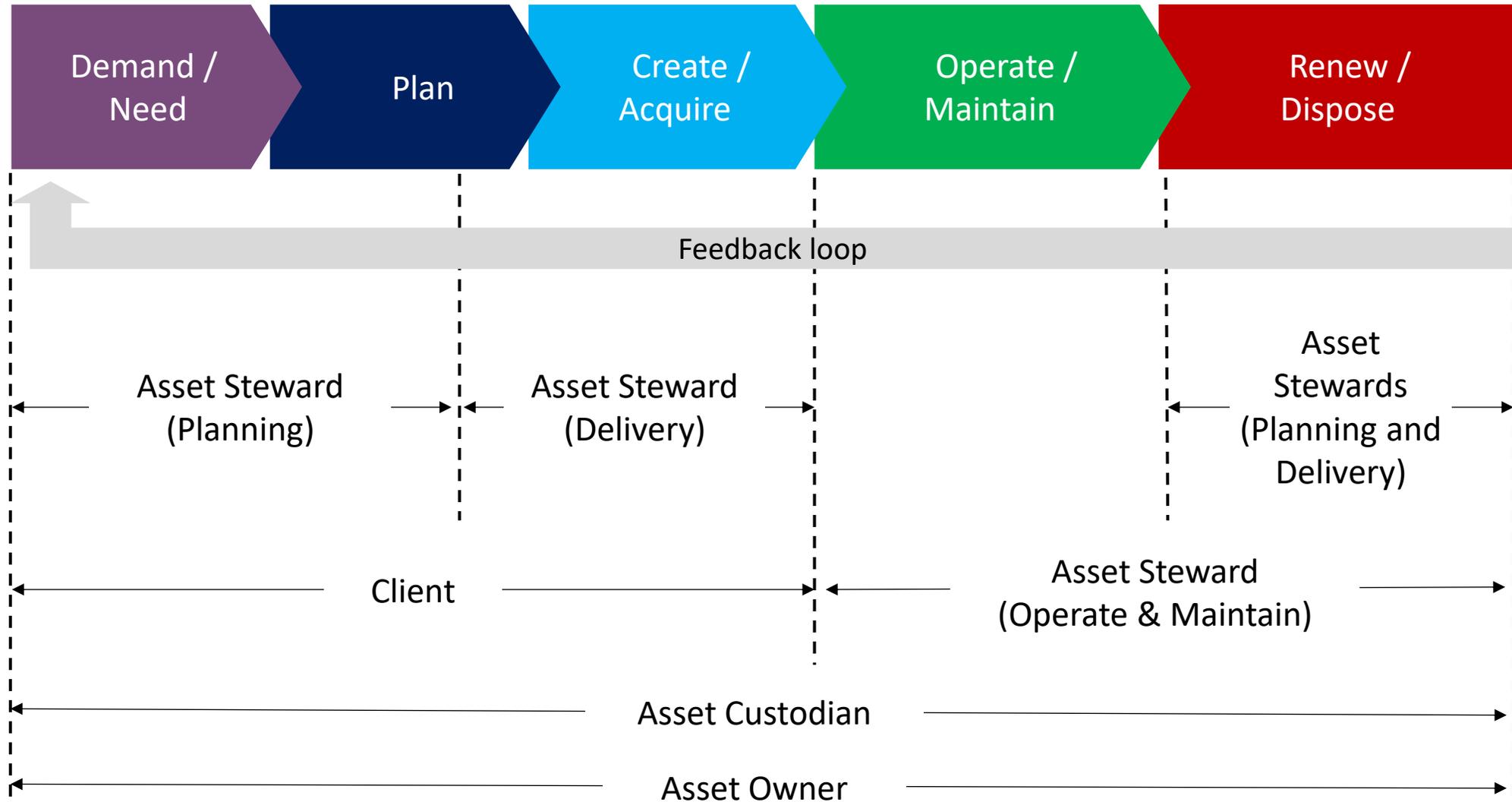
Risk-based management

Risk Management processes used to identify, analyse, evaluate and treat risks

Transport-wide consistency

There is a transport wide approach to slope risk management and funding prioritisation

Whole of lifecycle accountability

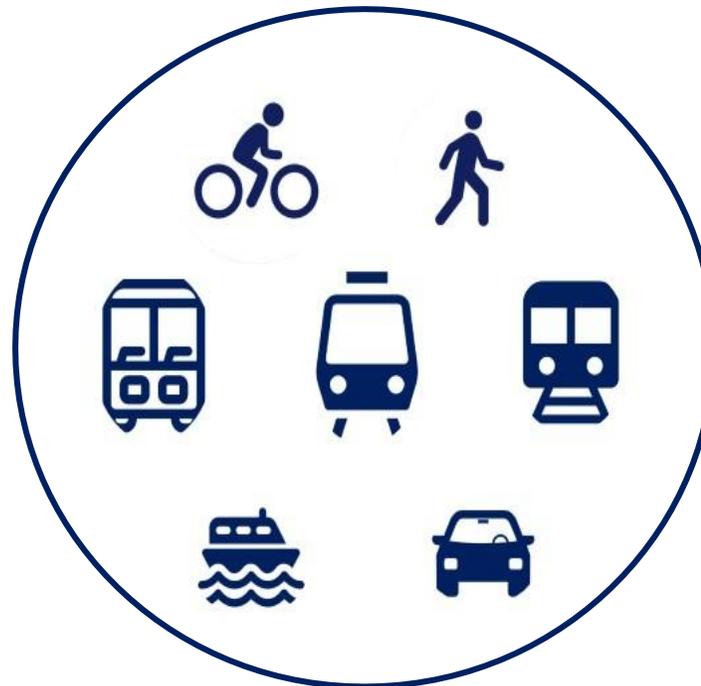


Our Customer Centered Program of Change

Transformation **brought together** all transport related agencies and their service providers...

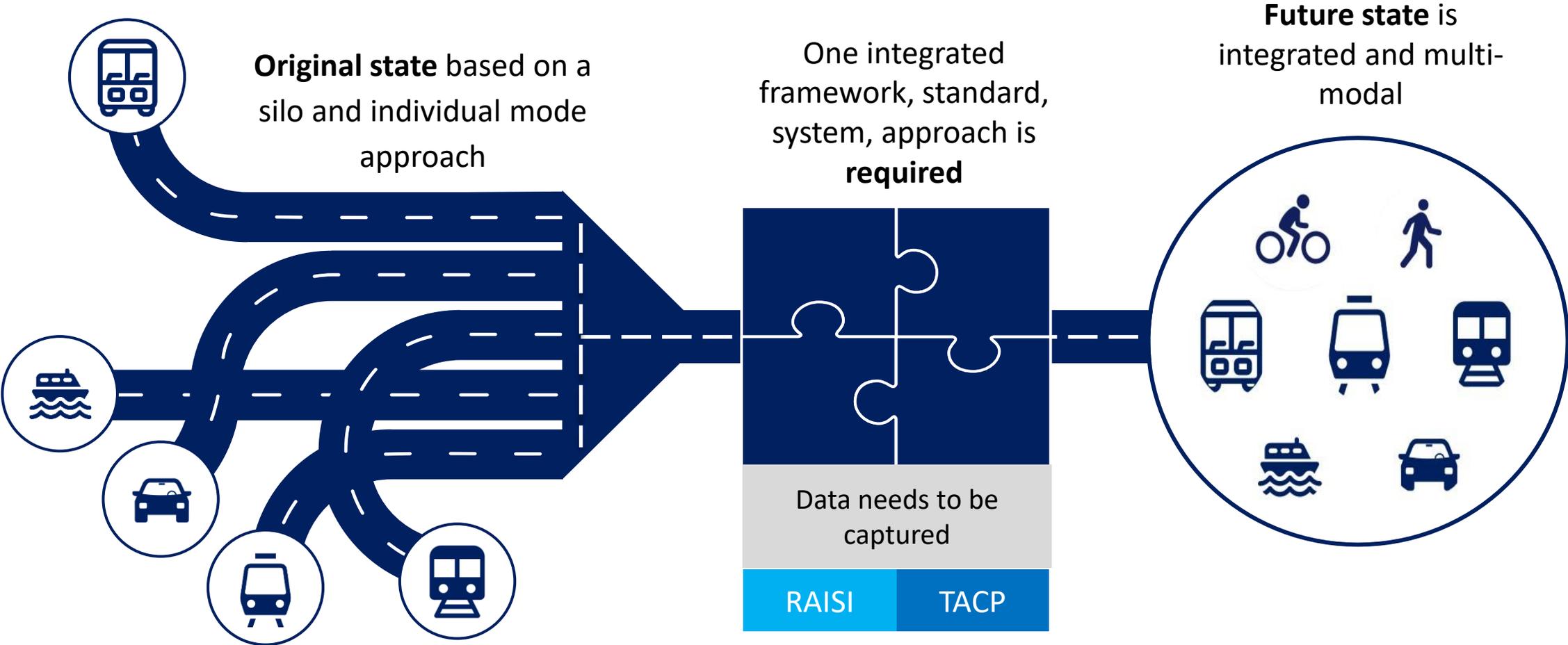
... providing **better integrated services** across all transport modes

... driving a **stronger focus** on creating better places to deliver **customer and community** outcomes.



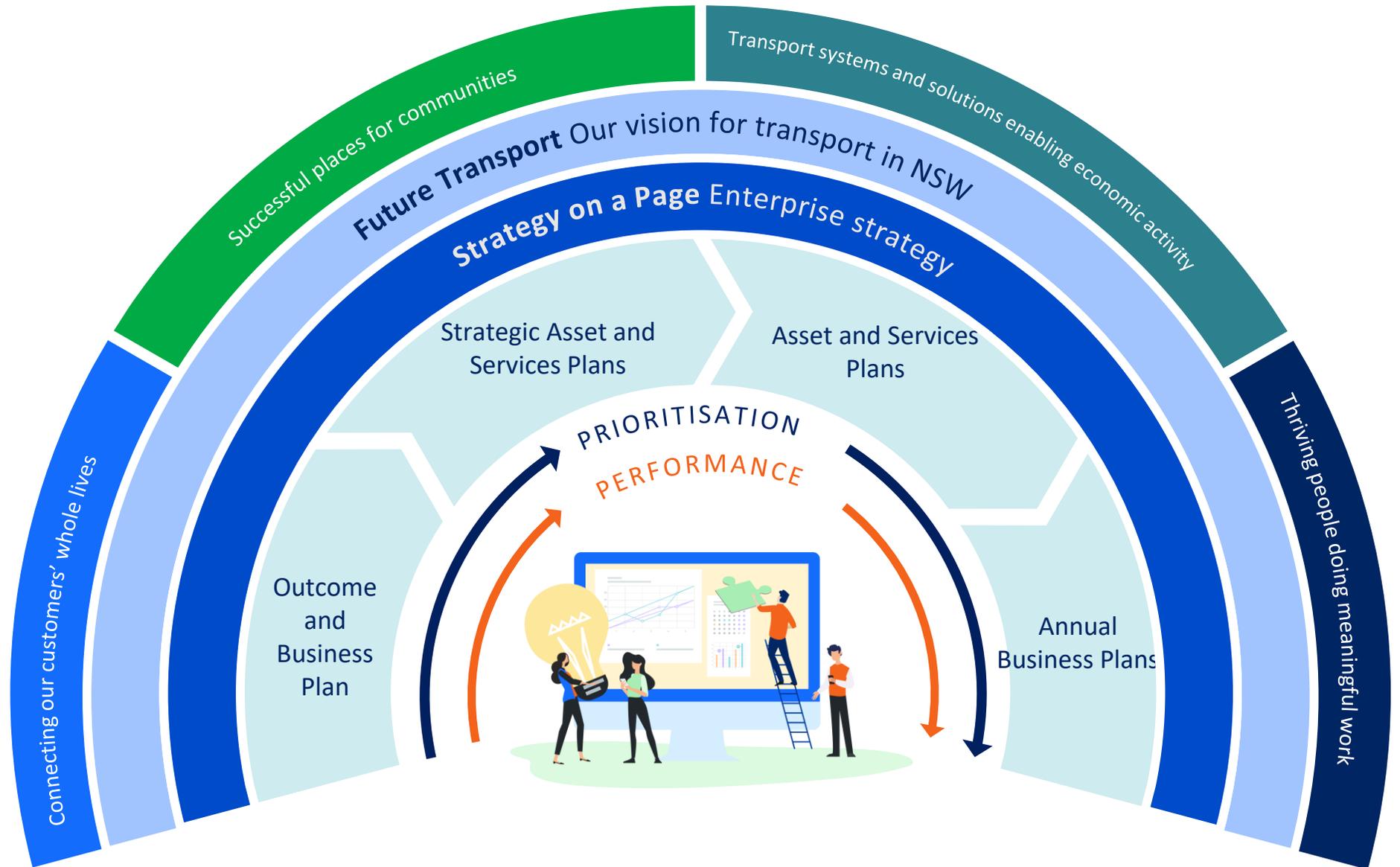
One Integrated Approach

Original to future state



Connecting Strategy and Planning

	GOVERNMENT POLICY
1	Outcomes
2	Future Transport
	ENTERPRISE STRATEGY
3	Strategy on a Page
	ENTERPRISE PLANS
4	Outcome and Business Plan
5	Strategic Asset and Services Plans
6	Asset and Services Plans
7	Annual Business Plans
	GOAL PLANS
8	Individual goal plans



Annual Enterprise Planning Rhythm

QUARTER 4

Committing to action

- State Budget process
- Divisional budget allocations
- Annual Business Plans

- Enterprise prioritisation
- Cluster Asset and Services Plan
- State Budget submissions

Budget decisions

QUARTER 3

QUARTER 1

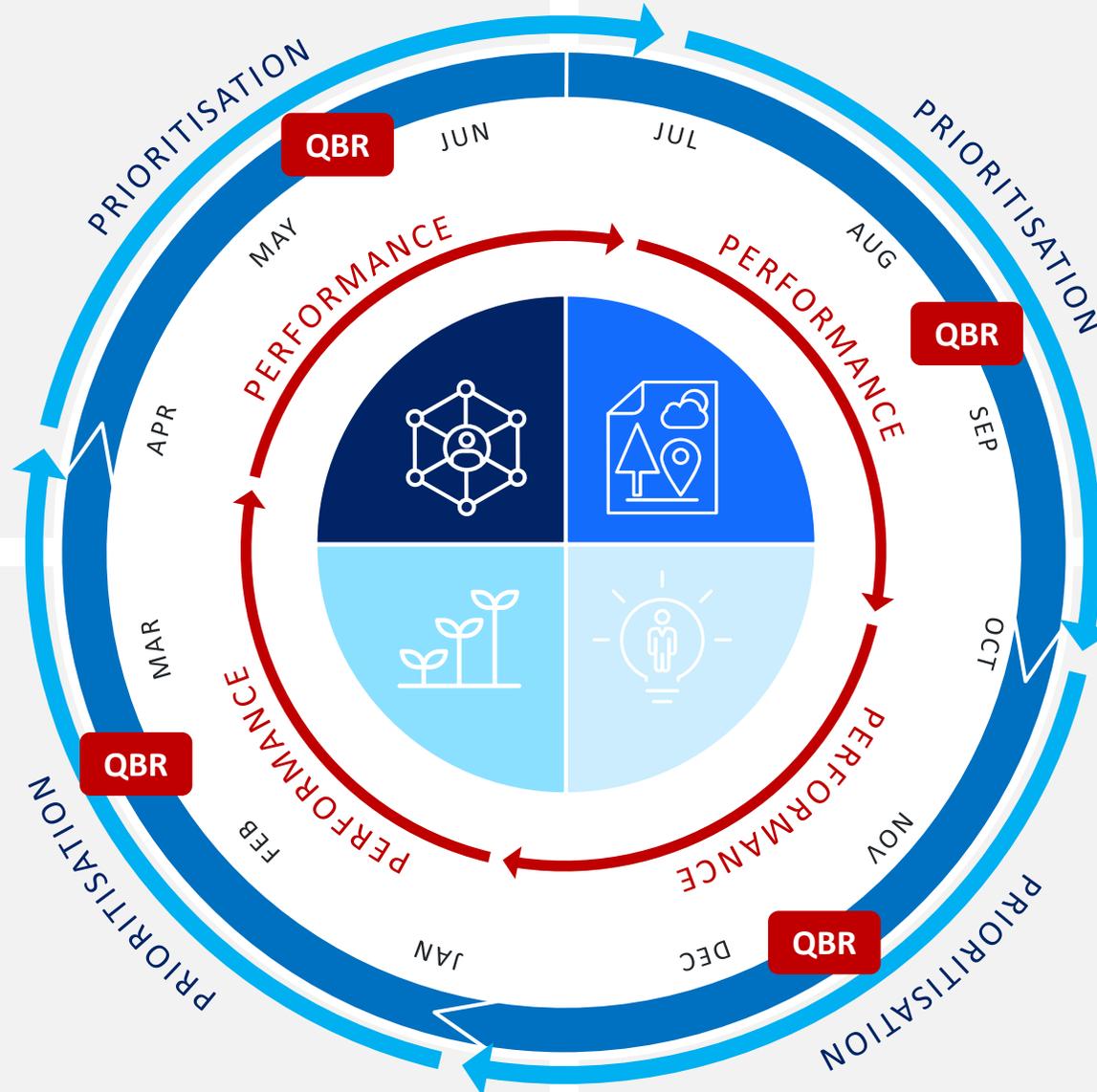
Strategy and outcomes

- Strategy updates
- Strategic Asset and Services Plans
- Cluster Outcome and Business Plan

- Division Asset and Services Plans
- Scenario 1 plans
- Scenario 2 opportunities

Asset and service planning

QUARTER 2



Value Creation

AM Future Sustainability (AFS) - Quantified Initiatives

- **Roads Asset Information Strategy Implementation (RAISI)**

Roads asset management and transacting platform for roads internally delivered work

- **Transport Asset Custodian Platform (TACP)**

Integrated, multi-modal asset data platform providing consolidate technical asset register information

- **Multi-modal Maintenance Standard Review**

Establish risk based minimum requirements – additional maintenance must be supported with WoL benefits

- **Asset Rationalisation**

Removing redundant assets and the accumulated liability from the network, reducing maintenance costs

\$1.6b of financial benefits over 10 years (FY22-31)

AFS - Initiatives with benefits being validated

- Intelligent Compliance to Standards

- One Technical Assurance Scheme

- Asset Technology Program

- Maintenance Backlog Definition

- Product Type Approval

- Lifecycle Costing

- High Performing Contractors

- Heritage Asset Retention Policy

Significant financial benefits expected

Concessions: Intelligent Compliance

Review of technical standard concessions delivering value



Standards are an asset



Industry accepted



Outcomes based



Risk based management



Collaboration / Consistency



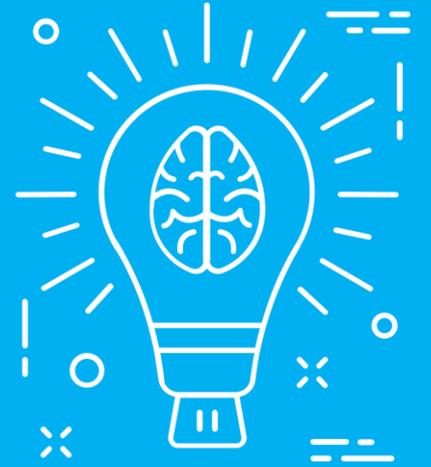
Innovation / Improvement

Foundational principles for Standards Management

\$805M whole of life benefits identified this financial year

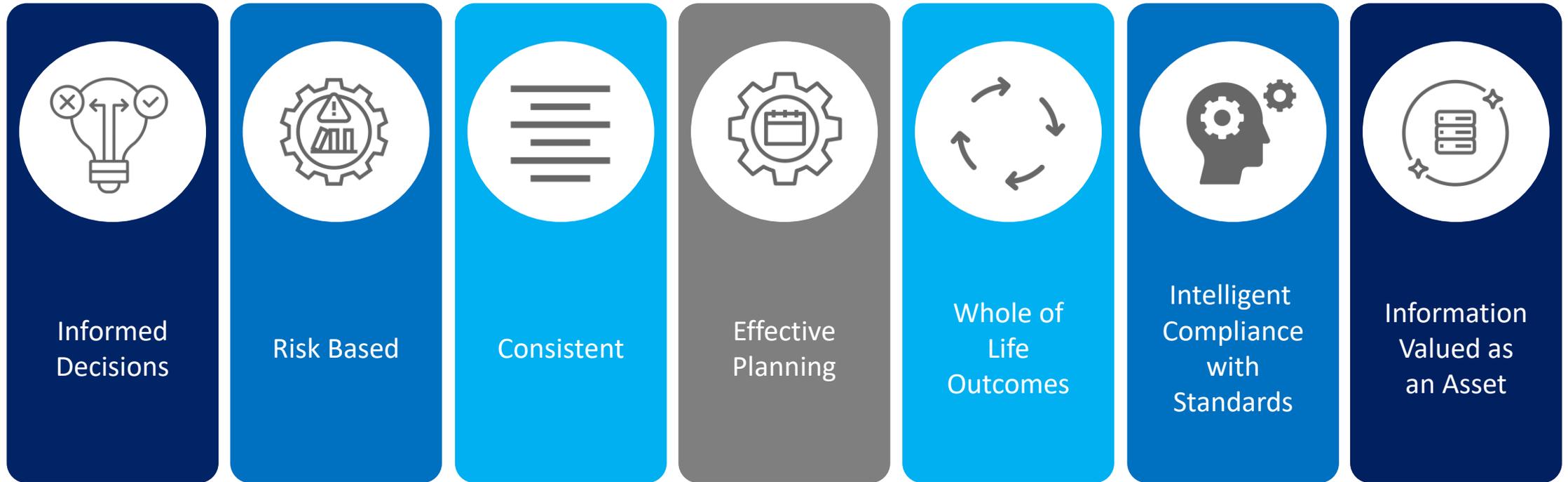
Benefits identified are predominantly **one-off**, and **cost avoidance**

Benefits represent reviewed concessions with a benefit value of >\$5m (~80% of total value creation)



Non-financial value creation delivered through improved customer outcomes, safety, environmental reliability and resilience

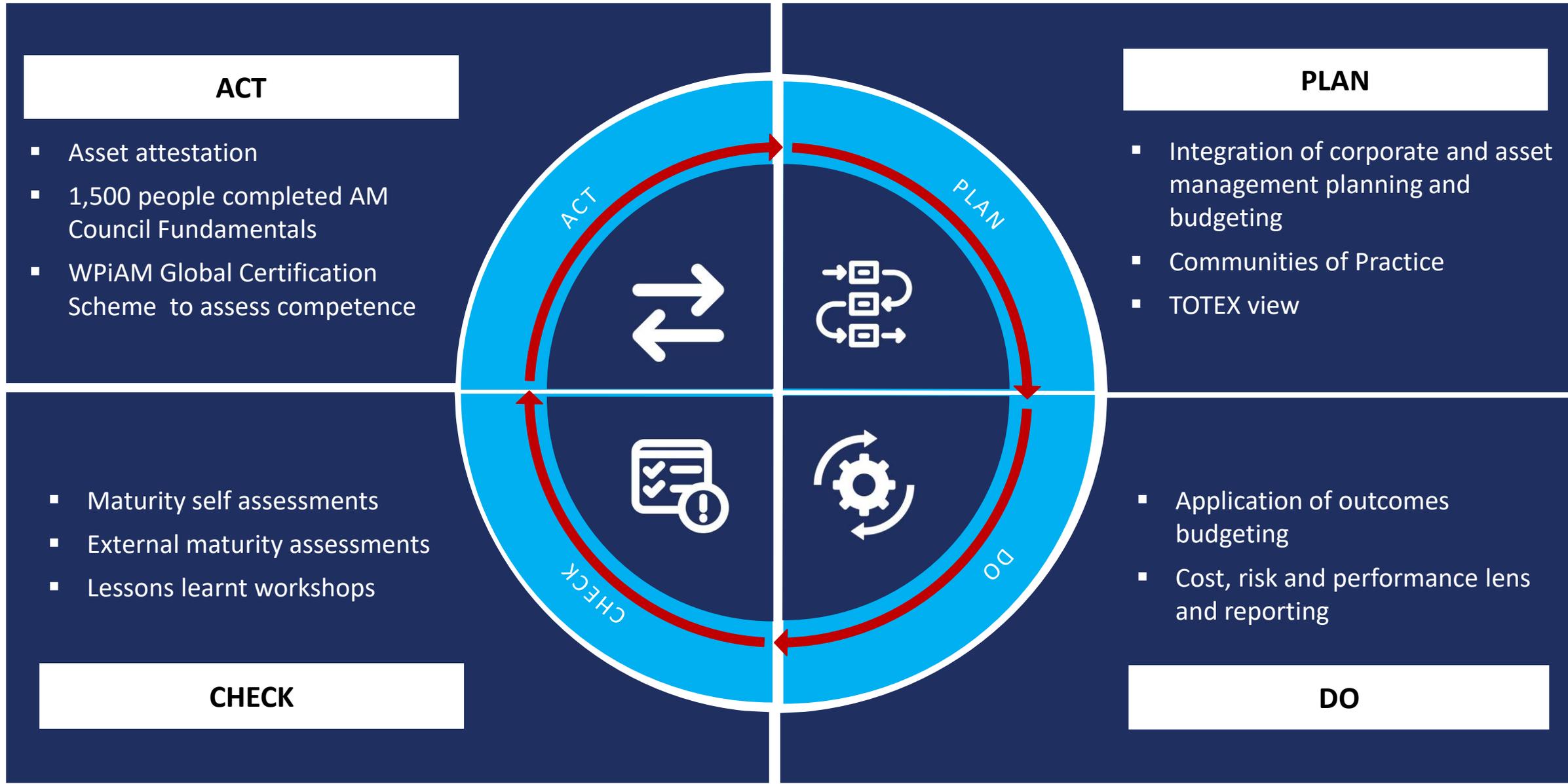
Benefits Realisation



Delivering organisational objectives – safety and financial sustainability

Continuous Improvement and Future Transport

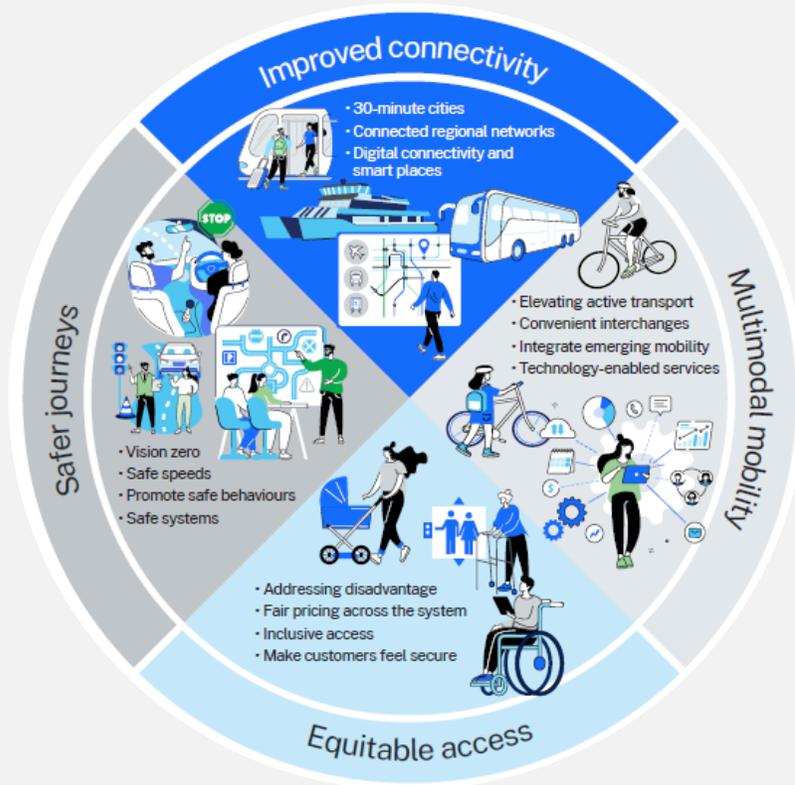
Continuous Improvement



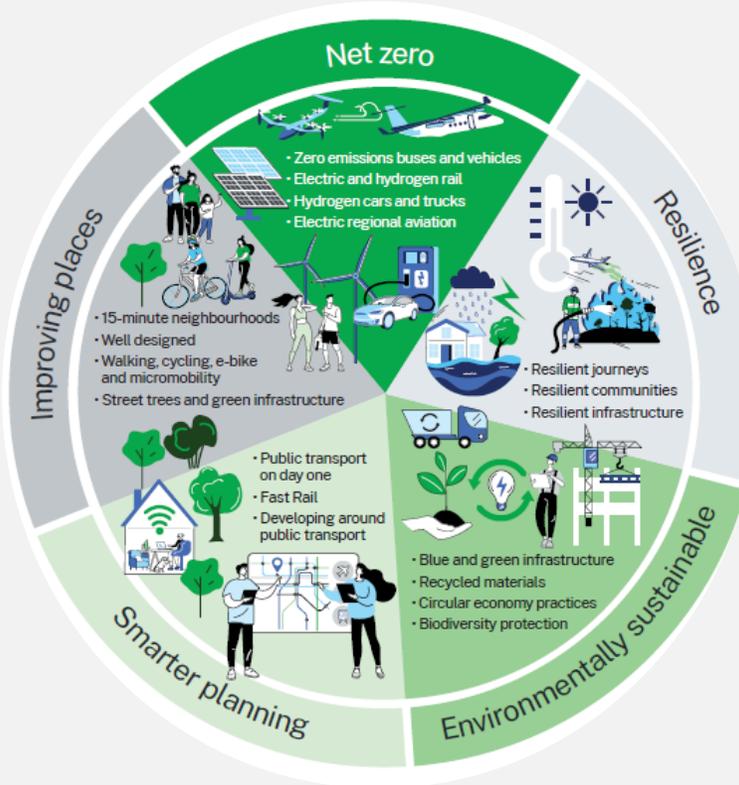
Future Transport

Delivering outcomes

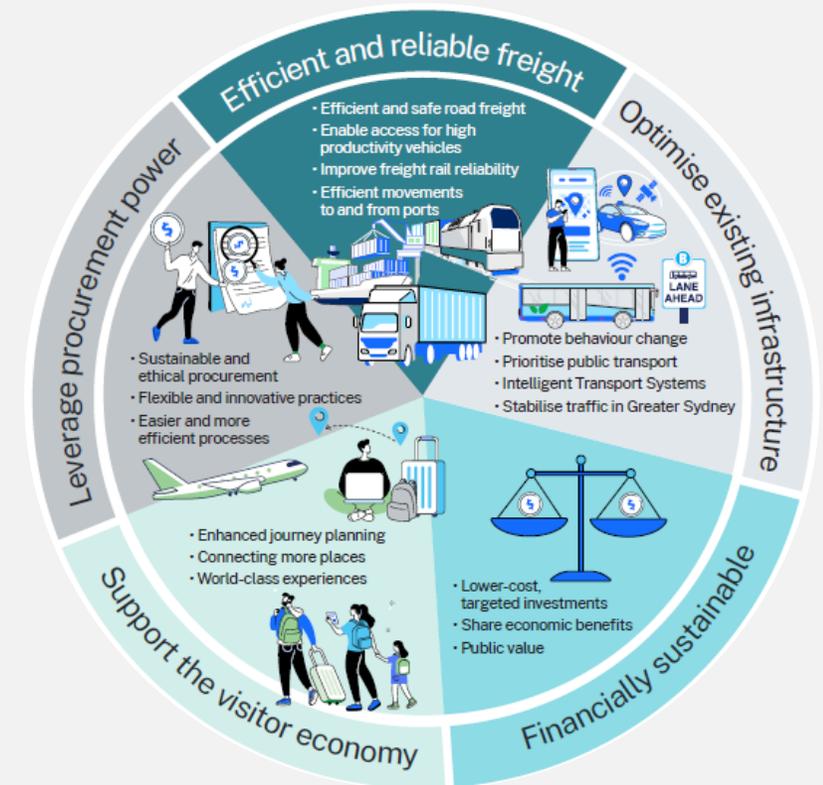
Connecting our customers' whole lives



Successful places for communities



Enabling economic activity



Questions