NRSPP

NATIONAL ROAD SAFETY

PARTNERSHIP

PROGRAM

Heavy Fleet Operations - Shifting to a Proactive State of Safety (Sutherland Shire Council)

Todays moderator

Jerome Carslake
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Housekeeping

Webinar is = 40 mins

Question time = 20 mins

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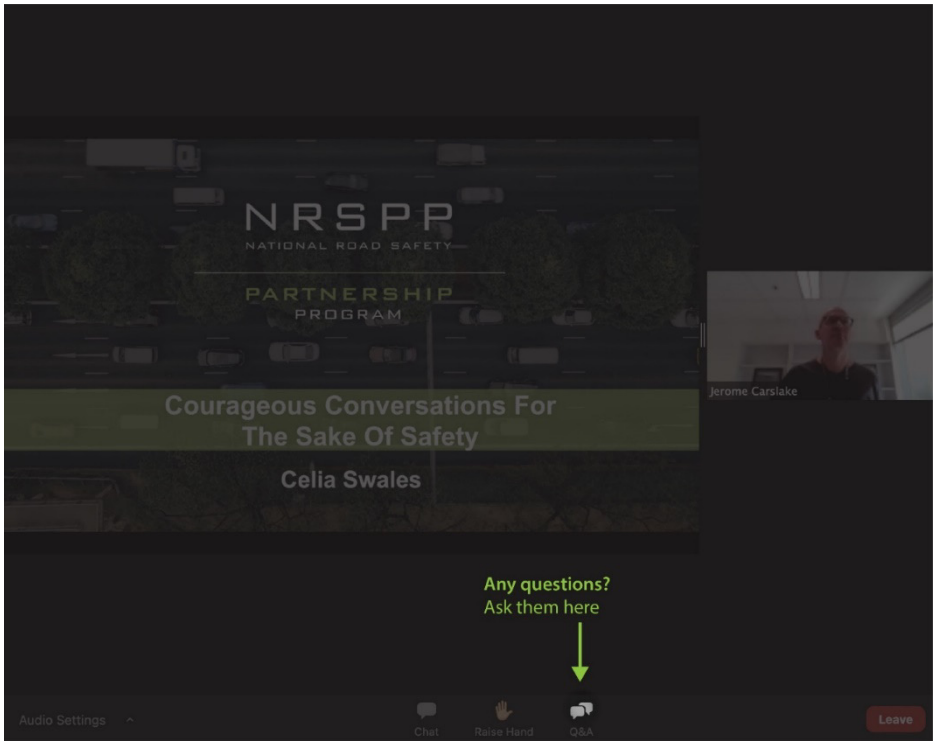
SUTHERLANDSHIRE

SUTHERLAND SHIRE COUNCIL

Zoom Webinar Functions



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Today's presenters

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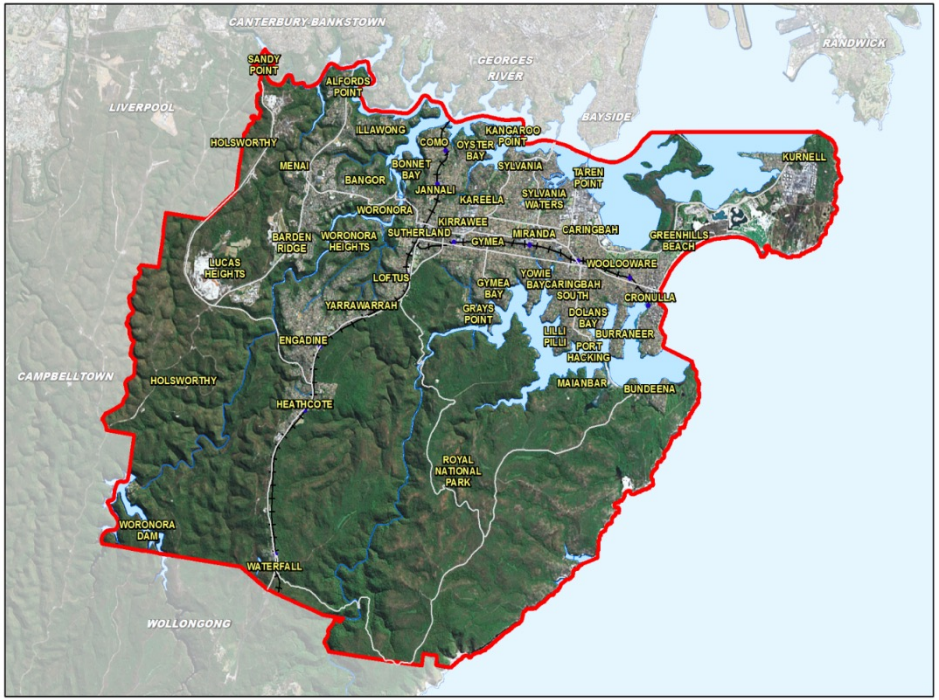
National Road Safety Partnership Program

Sutherland Shire Council Journey Towards Proactive Management State of Safety (A Fleet Focus)

Community Profile

- Southern-most coastal Local Government Area (LGA) in the Sydney region
- Area of 370 square km.
- 25km south of the Sydney CBD & 20 minutes from Sydney
- 2020 population 232,369 persons
- second largest residential population of any LGA in NSW.

** (Source: ABS Regional Population Growth statistics)*



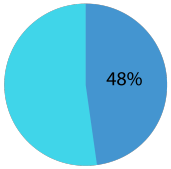
Fleet Composition

Sutherland Shire Council has approximately 356 major fleet assets engaged across a diverse range of service activities and environments.

Light Vehicles – 133

Heavy Vehicles/Plant – 177

Waste Heavy Fleet – 46



Due to the scale of Councils Waste Services Fleet operations and number of daily movements and interaction with VRU, this significantly increases the risk likelihood of safety related incidents.

6.76 million

920,000 km

107,000t

Discussion Areas Covered

Strategic & Fleet Asset Management

Maintenance

Operation

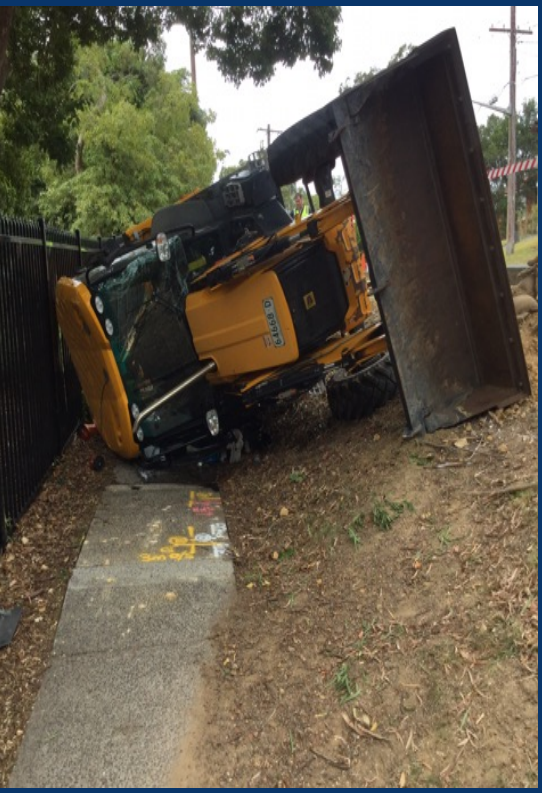
Technology and Assurance

Community Engagement and Education

Investigations

Safe Fleet - Safe Operation - Safe Community & Environment

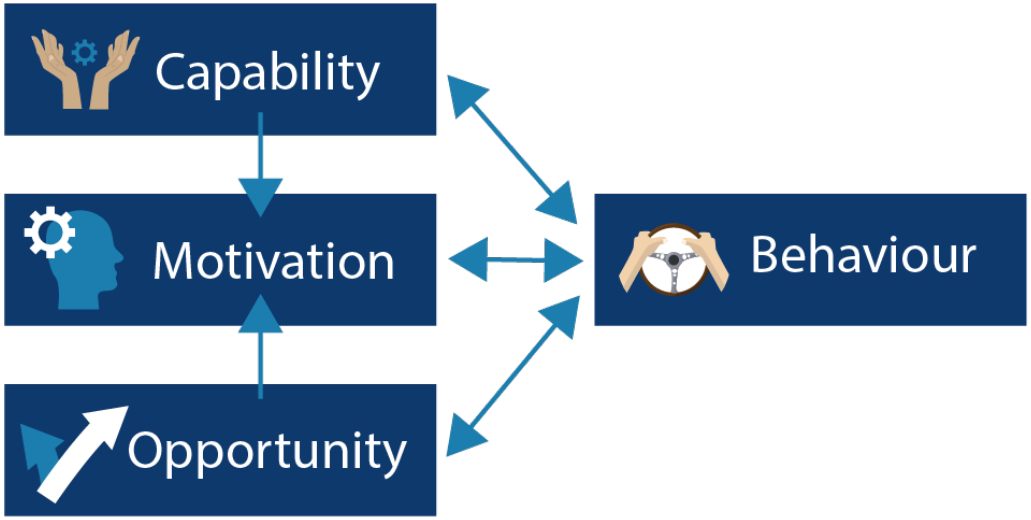
Change Catalyst



"Council has a genuine concern and interest for minimising potential fleet safety impacts on our community and vulnerable road users, and wanted to act more in a proactive way"

- Previous and recent experiences
  - Lower quality assets
  - Serious incidents
  - Increased incidents in fleet related fires
  - Plant rollovers
  - Runaway vehicle
  - VRU
  - Minor collisions
  - Past Fatalities
- Changes to WHS Self Insurers model from regulative compliance to self regulated compliance
- Changes in Safe Work High Risk Licences
- Compliance
- Changing Population Demographics and Density
- Changes in Legislation
- Organisational Change/Culture

Key Principles

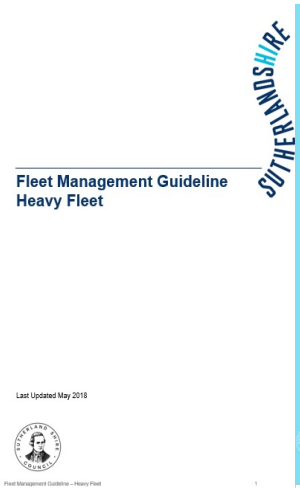


- Continuous Review
- Strategic Leverage
- Executive Engagement - buy-in
- Stakeholder
- Quality Assets
- Maintenance Practices

- Competent and Skilled Operators & Drivers
- Positive Culture for Reporting
- Assurance and Trend Monitoring
- Lessons Learned
- Community Education

Strategic & Fleet Asset Management

- Structured Management Framework
- Quality Modern Safe Well Maintained Assets
- Risk based - Fit for Purpose Assets
- Functional Design to Support Safe Behaviours
- Collaborative Partnering with Operations
- Industry Engagement and Participation
- Emerging Technology and Practices



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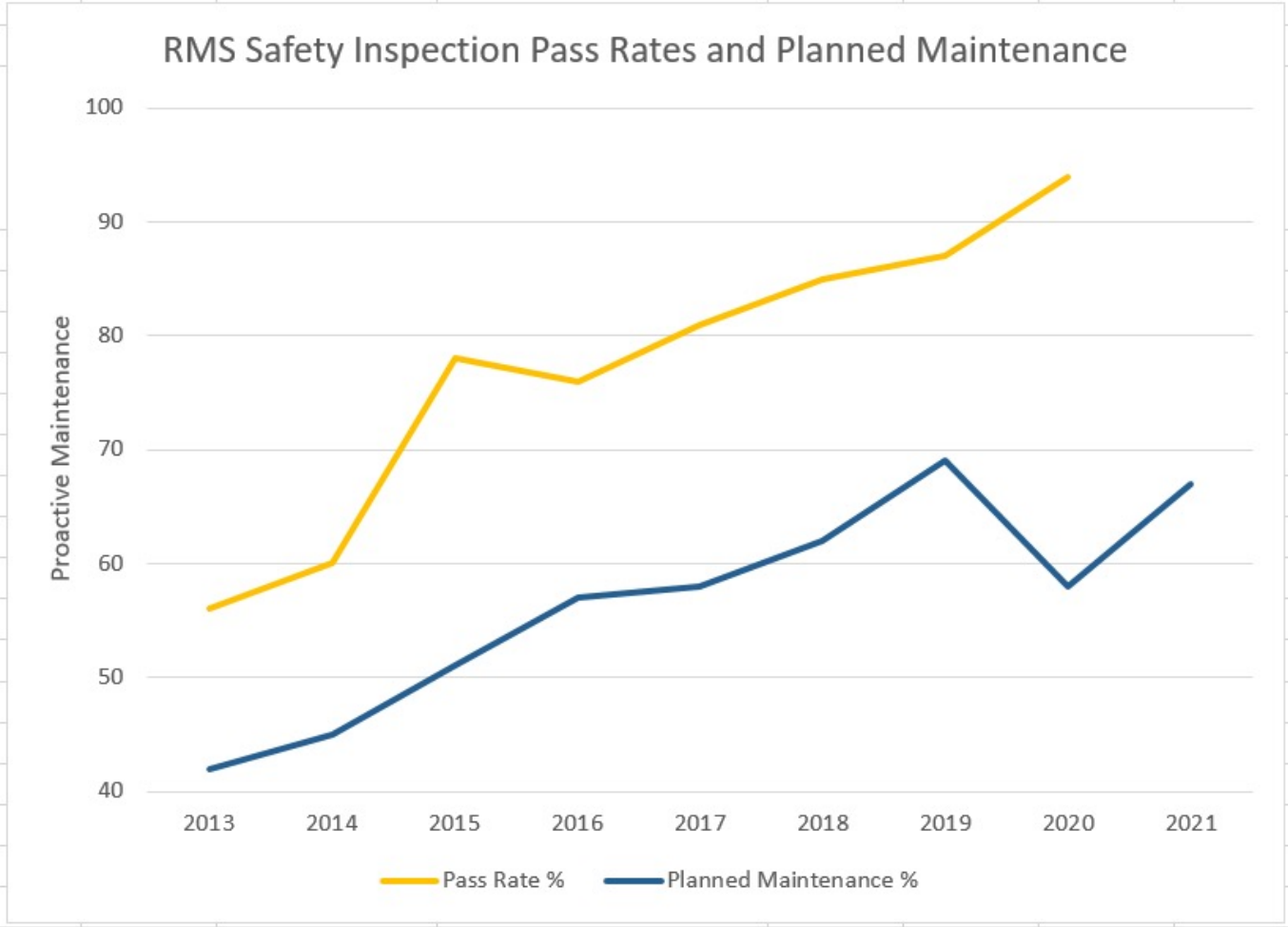
Maintenance

Fleet Health Indicator



Maintenance

- Capability
- Limitations
- Industry best practice guides
- Partner with supplier to get it right
- Awareness of trends and corrective actions
- Align skills and competency with certification and manufactures practices
- Safe work environment
- Increased defect reporting
- Trend Monitoring and failure prediction
- Accreditations NHVR and RMS reinforcement
- **National Heavy Vehicle Accreditation - Scheme Maintenance**
- **Transport NSW - Clean Fleet Accreditation**
- **IPWEA – Plant & Vehicle Management Manual**

Questions?

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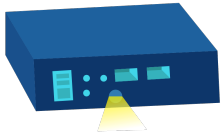
Technology and Assurance

Vehicle Technology

Live Feed Capability

Telematics deployed across 240 assets

Mass management system (Vehicles capacity >15,000kg GVM)



Mobile Digital Video Recording System (Waste Assets)

Compliance Monitoring

Proactive – Regular ongoing review of speed and mass breach trends

Raising awareness with drivers that supports positive reinforcement for behaviour change.

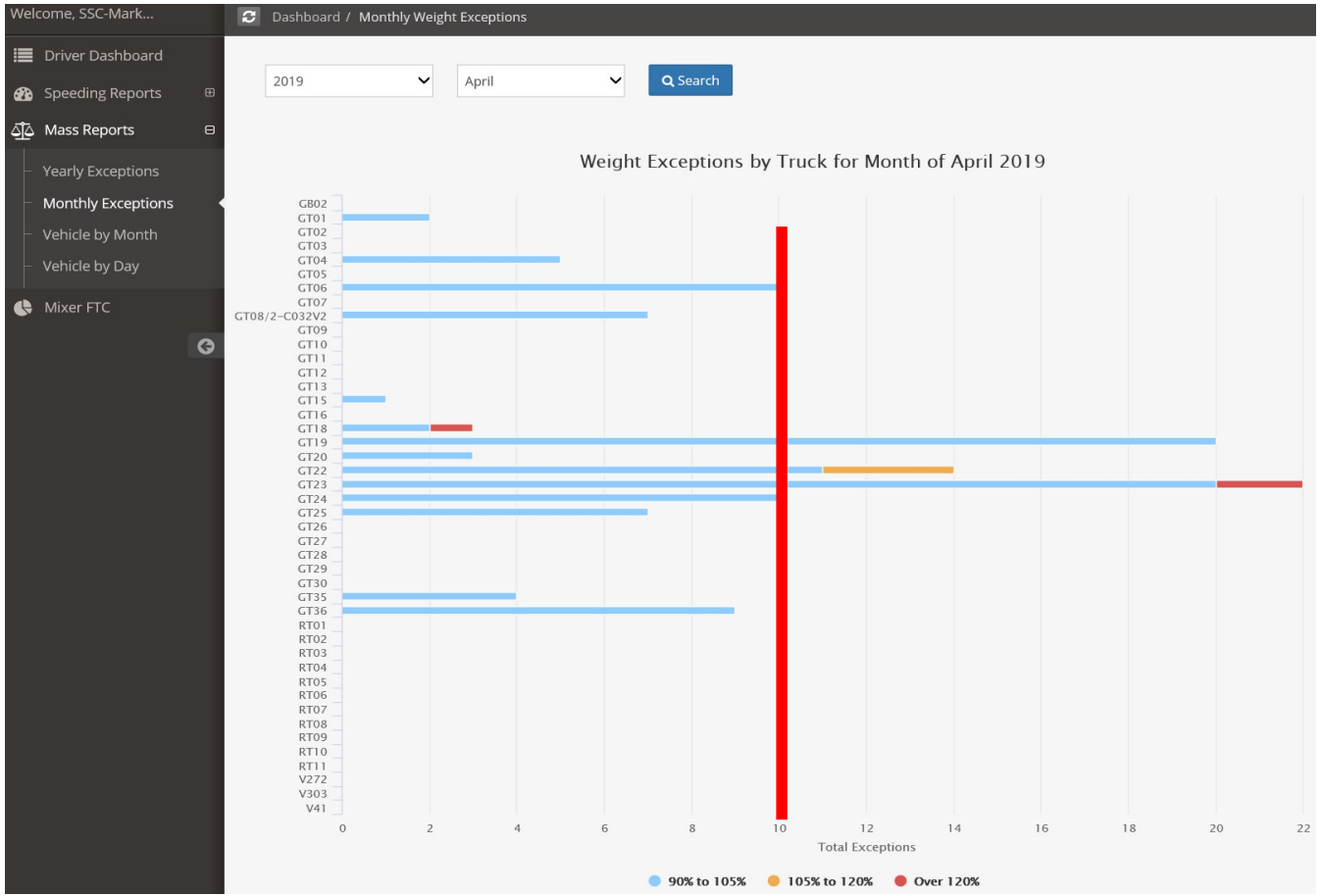
Reactive – Significant Breaches or Community Complaints or Enforcement Detailed analysis of specific incident often leading to disciplinary matters

Technology and Assurance

Speed Exception Reporting

Technology and Assurance

Mass Exception Reporting



Technology and Assurance

Questions?

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Operation

HVNL CoR Journey

Audit Year	Compliance Achieved	Partial Compliance	Non-Compliance
2016	19	8	20
2018	45	2	0
2021			

2014
HVNL (CoR concept) and Regulations where enacted into NSW Legislation.

- Council questioned its relevance to the local operation of its heavy vehicle fleet
- Concerns over possible gaps in CoR compliance

2016
Council initiated a desk top audit in relation to SSC's holistic application and compliance with CoR to gain the attention of the Executive

2018

- SSC Audit on corrective action program
- Update in HVNL law

2021
SSC Deep dive Audit completed

Operation

2020 FleetSafe Initiative

- **Why FleetSafe?**

We highly value the safety and wellbeing of our community and employees

Aims to achieve zero fleet related safety incidents

Focus on key risk areas: Operator and driver competence and safe plant operating procedures

Creates a workforce fully trained in operating plant safely

Develops our CARE culture

Links into and contributes to Safety Roadmap

Simplifies and creates improved safety documentation

A license is no longer enough - an employer must demonstrate competency

Operation

Verification of Competency (VOC)

Core Element Training

- Statement of Attainment - provided by an RTO
- License - provided by an RTO

What is VOC?

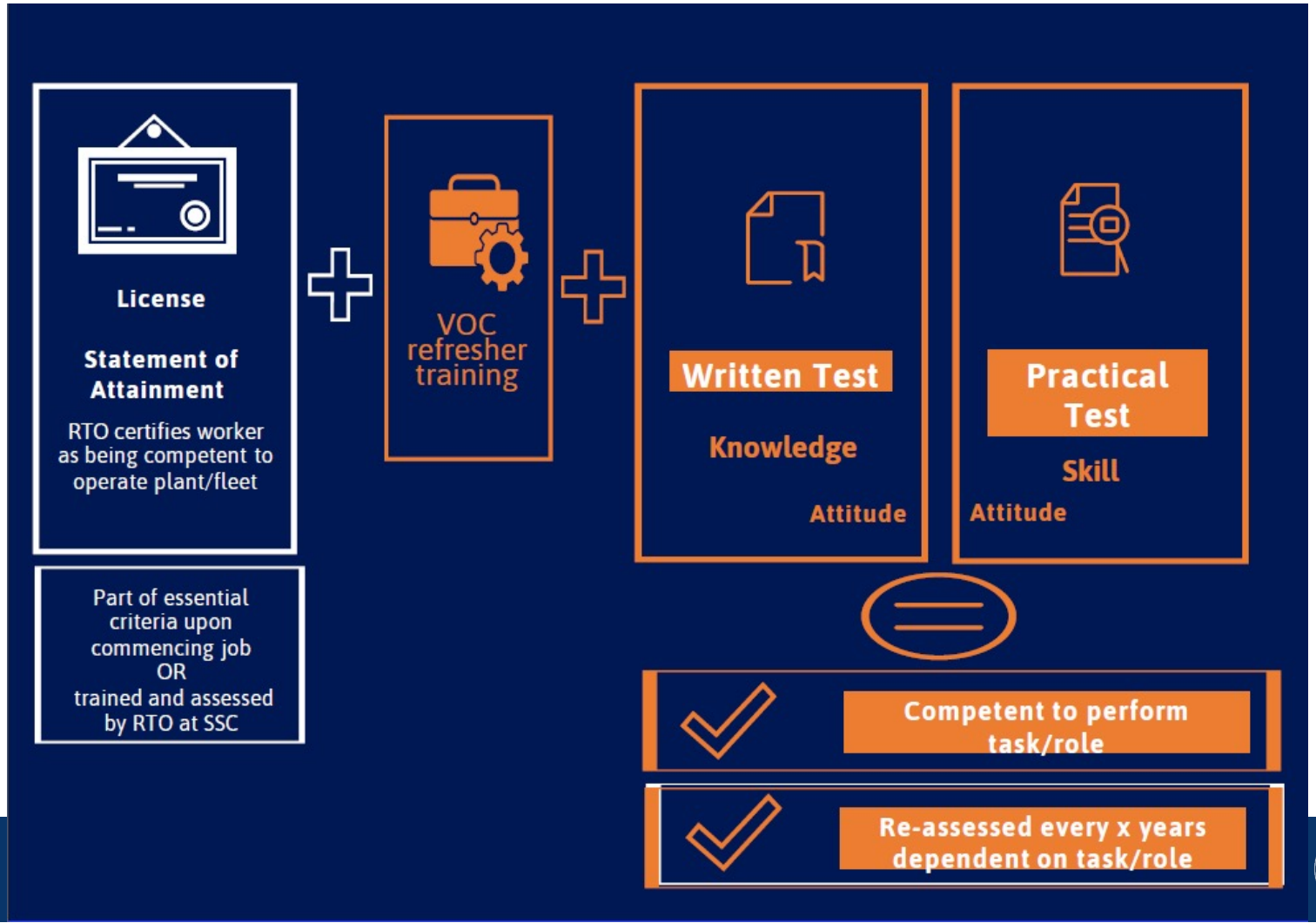
Verification of Competency - Knowledge, Skills, Experience

Verifying the ability of drivers to safely operate high-extreme risk plant

Formal process of verifying skills, knowledge and experience

Catalyst for lifting our safety culture and behaviours

VOC Methodology



Operation

Verification of Competency (VOC)

How its Applied

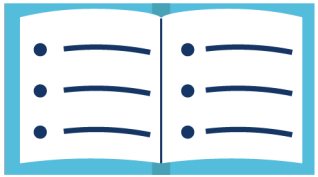
New workers (on-boarding)

- VOC process completed prior to operating plant (high-extreme) in the workplace.

Existing workers

3
YEARS
After their previous VOC assessment

6
MONTHS
After gaining a new qualification/license

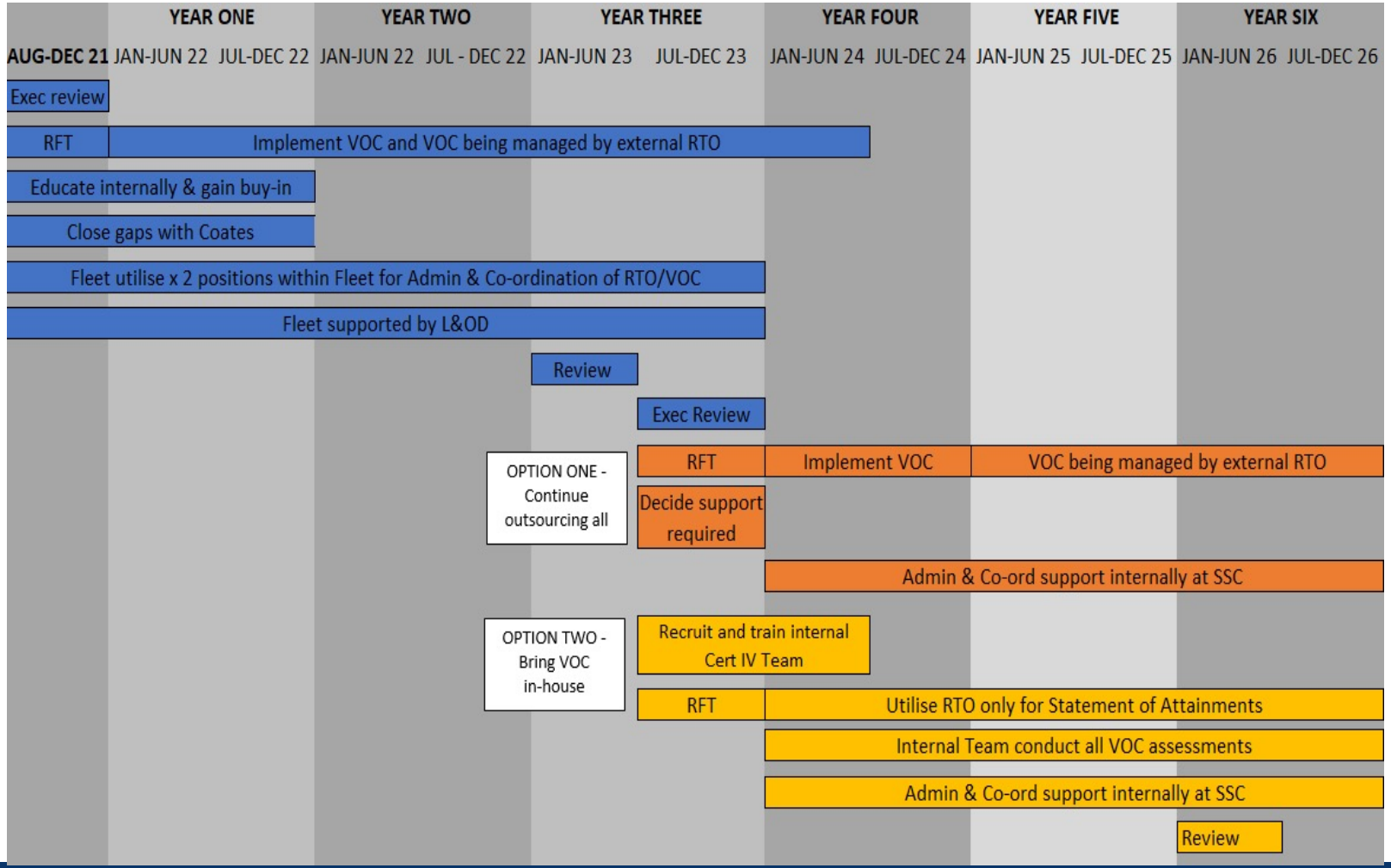


A log book cannot be provided to verify recent operation on plant and/or heavy vehicle

WHS incident - near misses, or incidents causing harm

Significant change to the item of plant affects its use placing the driver/operator at risk

Transition Takes Time



Strategic & Fleet Asset Management

Leverage change and action prevention of fleet incidents at the root cause

- Community Strategic Planning
- Waste & Sustainability Strategy
- Climate and Environmental Sustainability Strategy
- Integrated Transport Strategy
- Planning & DA Process

Industry Engagement and Participation
Participate and leverage the change process and be at the forefront

- Active participation in Industry/Regulators -
  - National Heavy Vehicle **(NHVR) Schemes**
  - National Road Safety Partnership Program **(NRSPP)**
  - The Institute of Public Works Engineering Australasia (**IPWEA**)
  - Transport NSW Clean Fleet
  - NTC

Community Engagement and Education

Sutherland Shire Council
November 4, 2020 ·

#WasteWiseWednesday Disposing of household batteries, car batteries, lithium batteries, gas bottles and electrical items (with or without batteries) in your red bin creates serious risks for our community

🚒 This is footage of a garbage truck fire which occurred on a Sutherland Shire street. It was later discovered to have been caused by a toy containing lithium batteries, disposed of incorrectly in a pre-booked Council clean up.

For the safety of residents, operators, and everyone in the community! - please make sure you dispose of hazardous goods responsibly - Council and NSW Government run a range of Chemical Cleanout and e-Waste Collection events ♻ Batteries can also be disposed of at a number of facilities including collection boxes at most Council libraries and Council's Administration building.

For more waste info visit: http://sutherlandshire.nsw.gov.au/.../Recycling-and...

Questions?

SUTHERLANDSHIRE

Thank you for joining us today

For more information or to become a partner:

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Email

Jerome.Carslake@monash.edu

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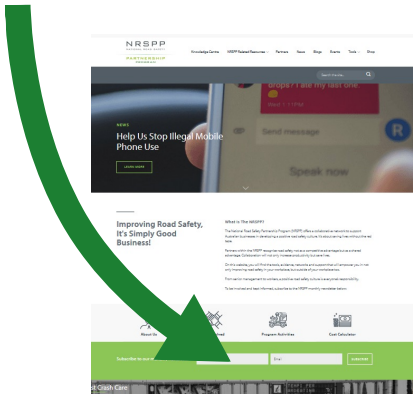
Visit www.nrspp.org.au



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