

# Data driven insights: From past to present and into the future



**Gavin Hill**

General Manager Strategy & Delivery

Transport Certification Australia



# Who is Austroads?

The collective of the Australian and New Zealand transport agencies, representing all levels of government.

A not-for-profit, nonpartisan organisation.

Funded and owned by Australian and New Zealand government transport agencies, but our work impacts a wide range of agencies including planning, service, infrastructure, health and safety, public health and policing.

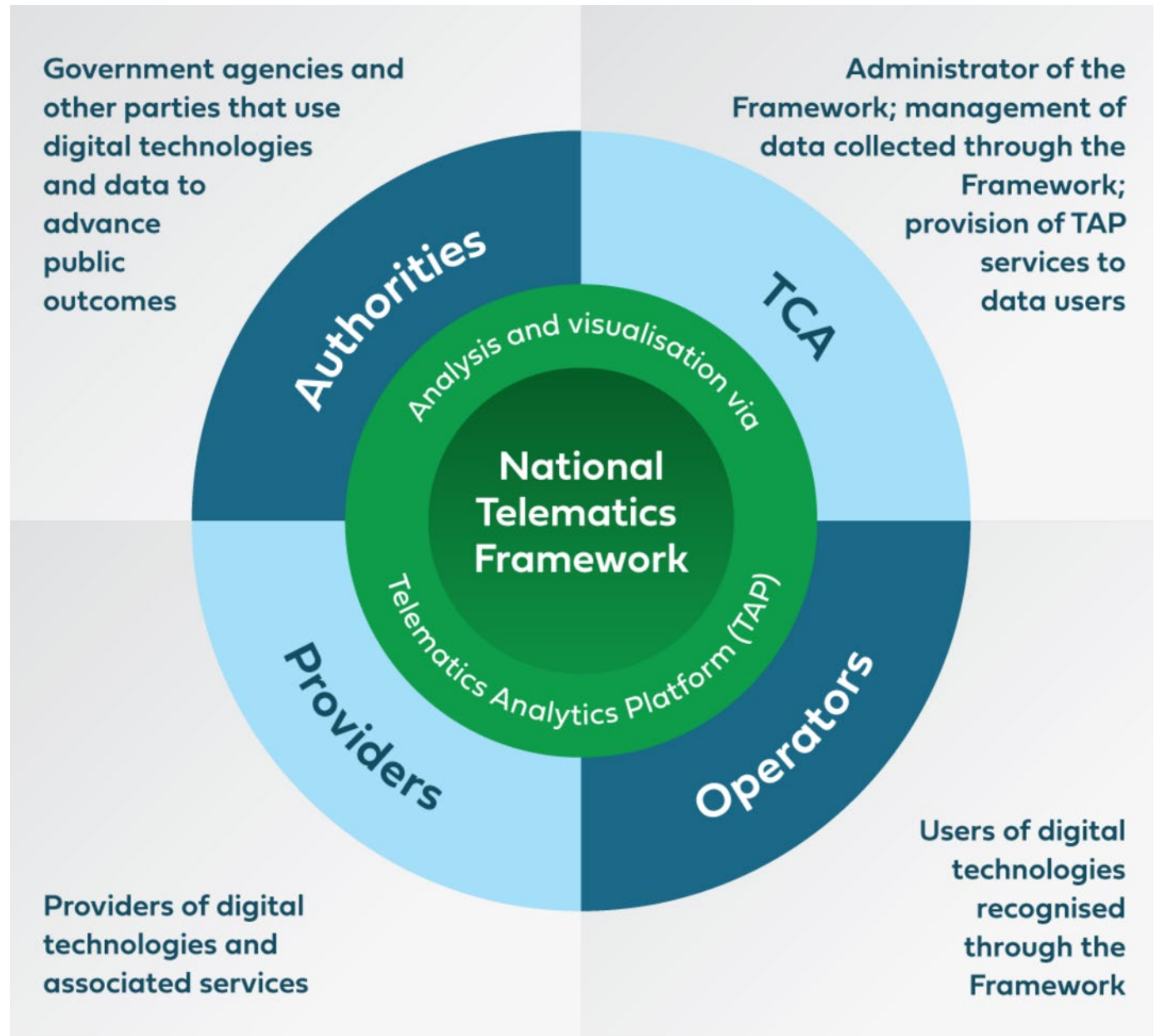
Our focus is to support our member organisations to deliver an improved road transport network.

# Austroads members

- Transport for NSW
- Department of Transport and Planning Victoria
- Department of Transport and Main Roads Queensland
- Main Roads Western Australia
- Department for Infrastructure and Transport South Australia
- Department of State Growth Tasmania
- Department of Infrastructure, Planning and Logistics Northern Territory
- Transport Canberra and City Services Directorate Australian Capital Territory
- Department of Infrastructure, Transport, Regional Development, Communications and the Arts
- Australian Local Government Association
- NZ Transport Agency Waka Kotahi

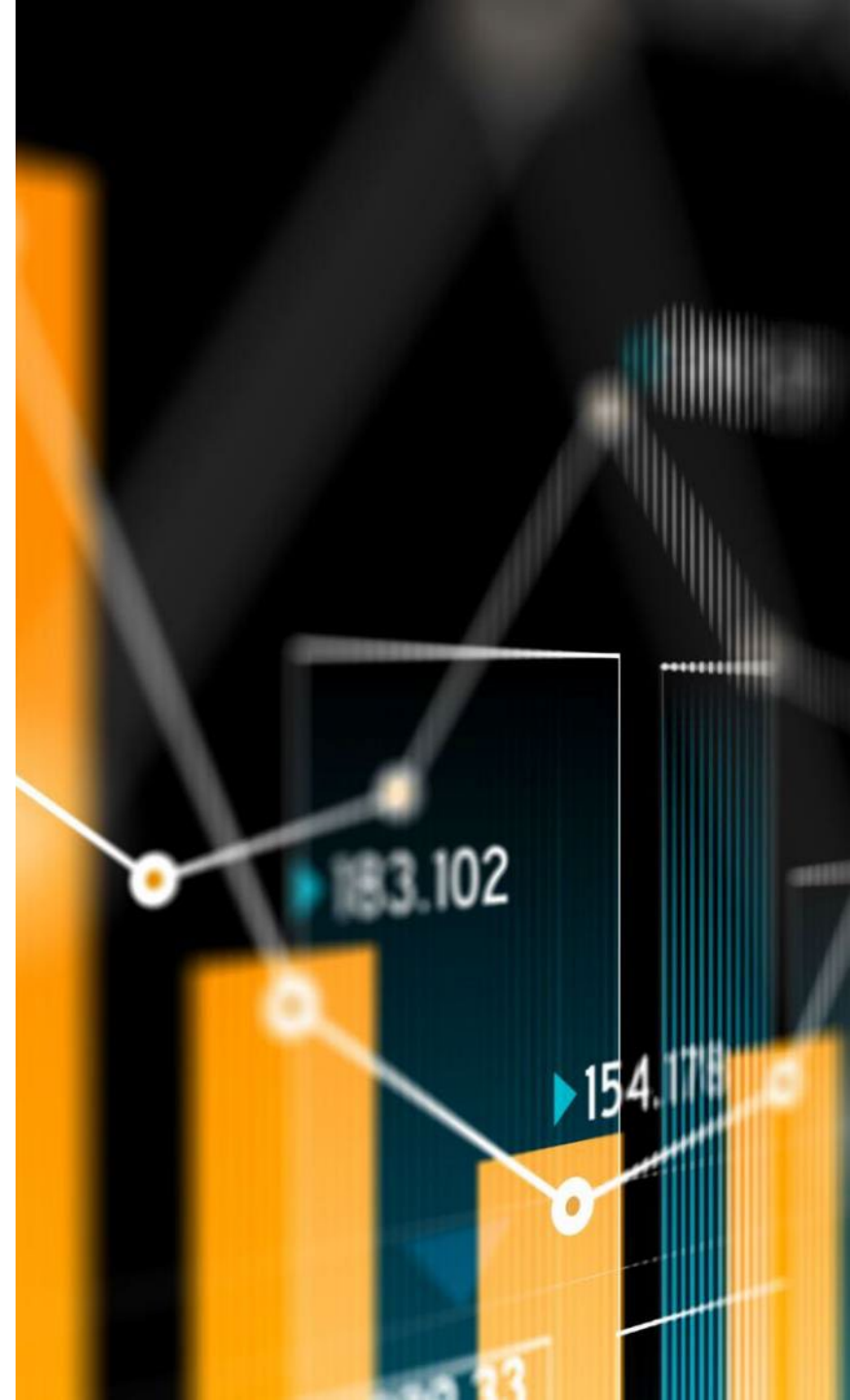


# What does TCA do?



# What data does TCA have access to?

As the administrator of the National Telematics Framework, TCA currently receives telematics location data from **more than 14,000** and telematics mass data from **nearly 1,500** high productivity vehicles.



# Vehicle types currently covered by telematics schemes in Australia



A-Doubles



B-Doubles



AB-Triples



B-Triples



PBS-approved Vehicles



Road Trains



Semi-Trailers



Special Purpose Vehicle



Truck & Dog Trailers



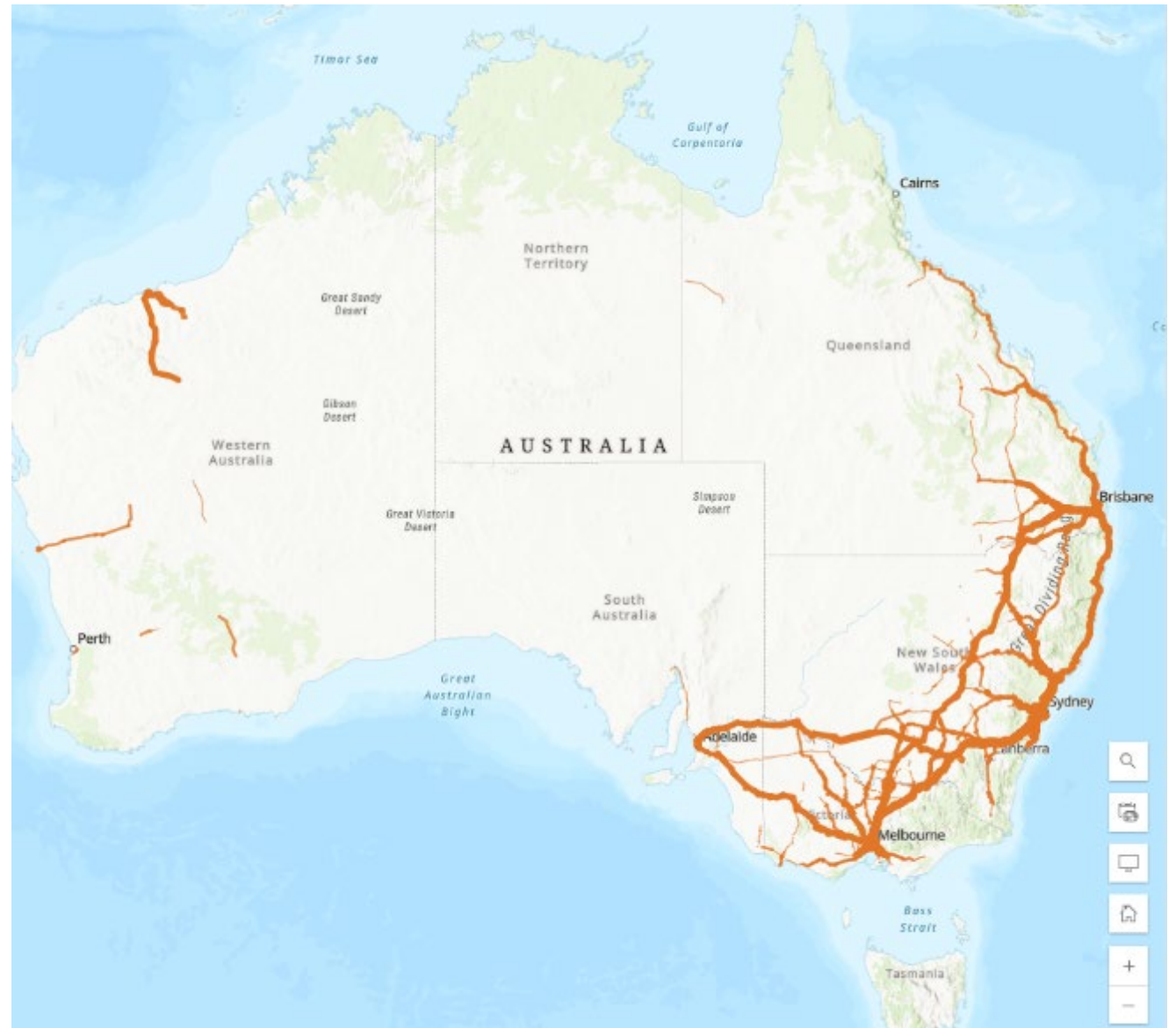
Vehicles operating at higher mass limits (HMLs)



Low or Zero Emissions Heavy Vehicles

How it all  
comes  
together

By country...



# How it all comes together

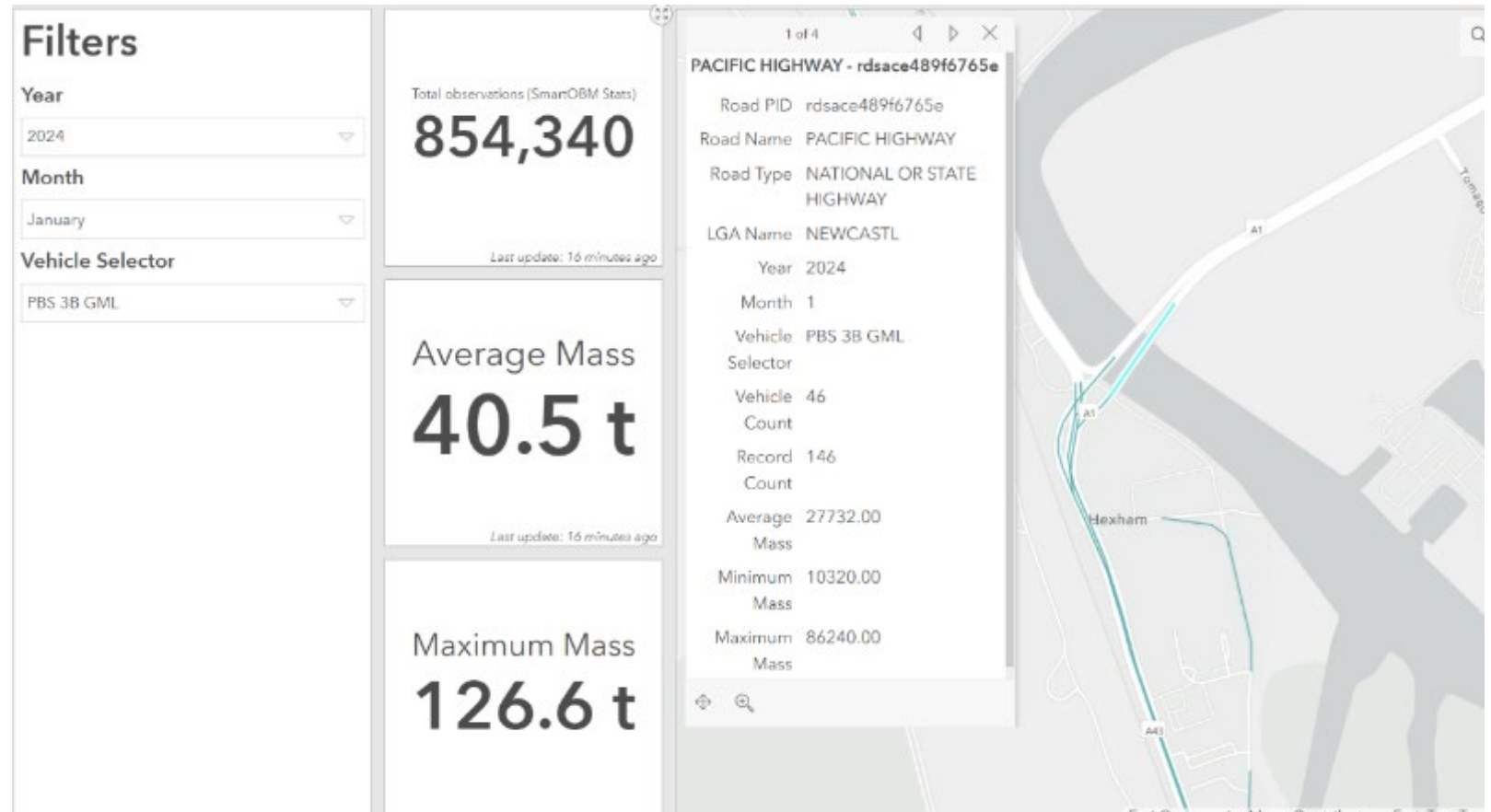
By region...





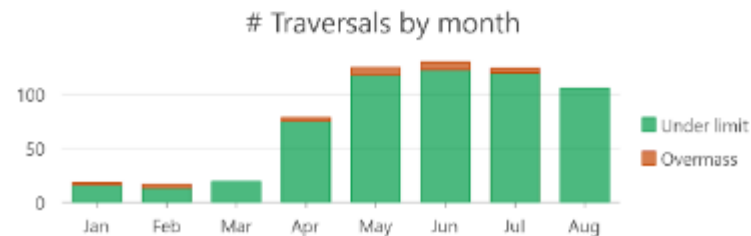
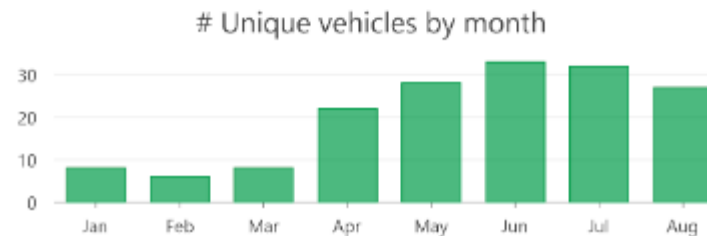
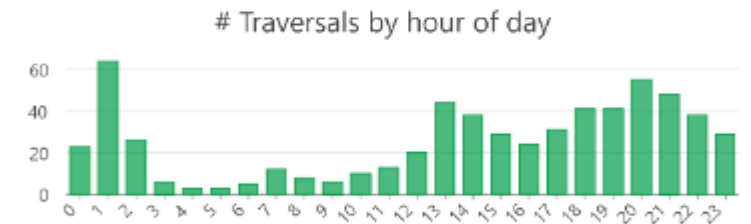
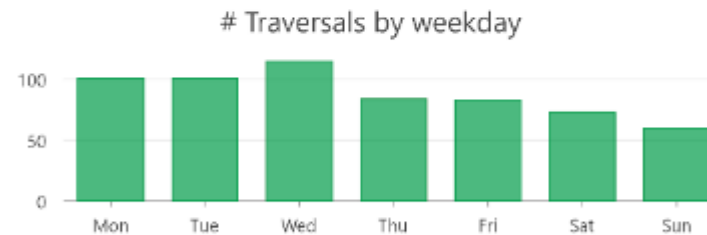
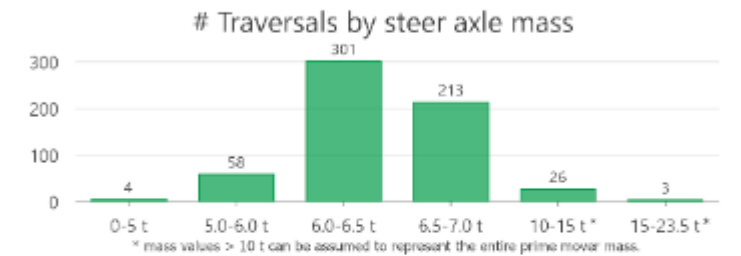
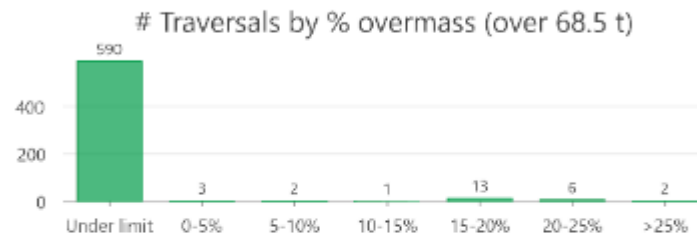
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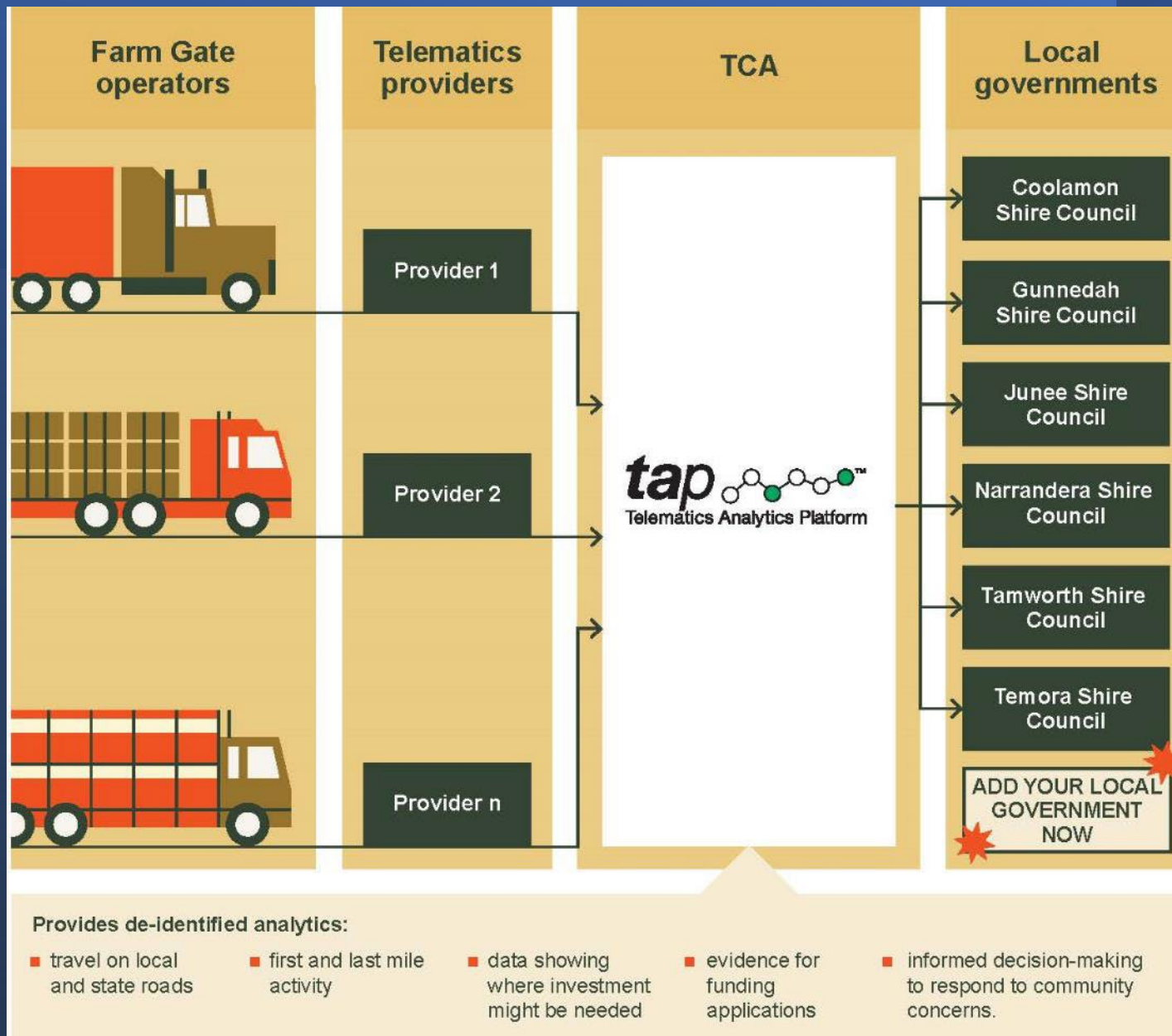
By structure...



# How it all comes together

## By structure (in detail)...





# WHO'S USING FARM GATE?



**Paul Pulver, President LBRCA**

**The NSW Farm Gate Access Network is reducing regulatory burden and red tape by using telematics.**

LBRCA is pleased to report that the NSW Farm Gate Access Network will be operational by the end of 2014. The network will allow LBRCA members to track their trucks in real-time, providing valuable data on location, speed, and fuel consumption. This information can be used to optimize routes, reduce fuel costs, and improve overall fleet efficiency. The network will also provide a secure platform for sharing data with other stakeholders in the supply chain, such as farmers and processors. This will help to reduce regulatory burden and red tape, making it easier for LBRCA members to do business in the NSW market.

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**Jim Riordan, Riordan Transport**

**We've put 15 vehicles in Farm Gate.**

What Farm Gate means for me  
Farm Gate has been a game-changer for us. It's allowed us to track our trucks in real-time, which has helped us optimize our routes and reduce fuel costs. We've also been able to share data with our customers, which has helped us build stronger relationships. Overall, Farm Gate has been a great investment for us, and we're looking forward to seeing it continue to evolve and improve.

What works well  
The fact that we can track our trucks in real-time is a huge benefit. It's allowed us to identify inefficiencies in our fleet and make adjustments accordingly. We've also been able to share data with our customers, which has helped us build stronger relationships. Overall, Farm Gate has been a great investment for us, and we're looking forward to seeing it continue to evolve and improve.

What I'd like to see in the future  
I'd like to see more features added to the platform, such as predictive maintenance and fuel management. It would also be great to see more integration with other systems, such as ERP and CRM. Overall, I think Farm Gate has a bright future, and I'm excited to see what's to come.

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# FARM GATE ACCESS

A case study in the value of telematics



**Jeremy Horne, Horne Ag Logistics**

**We've put 4 vehicles in Farm Gate.**

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**Reggie Sutton, LBRCA Vice President  
Safework NSW Young Driver of the Year 2015  
(Inaugural Recipient)**

**We have B-Double & Type 1 Road Train vehicle combinations operating in Farm Gate.**

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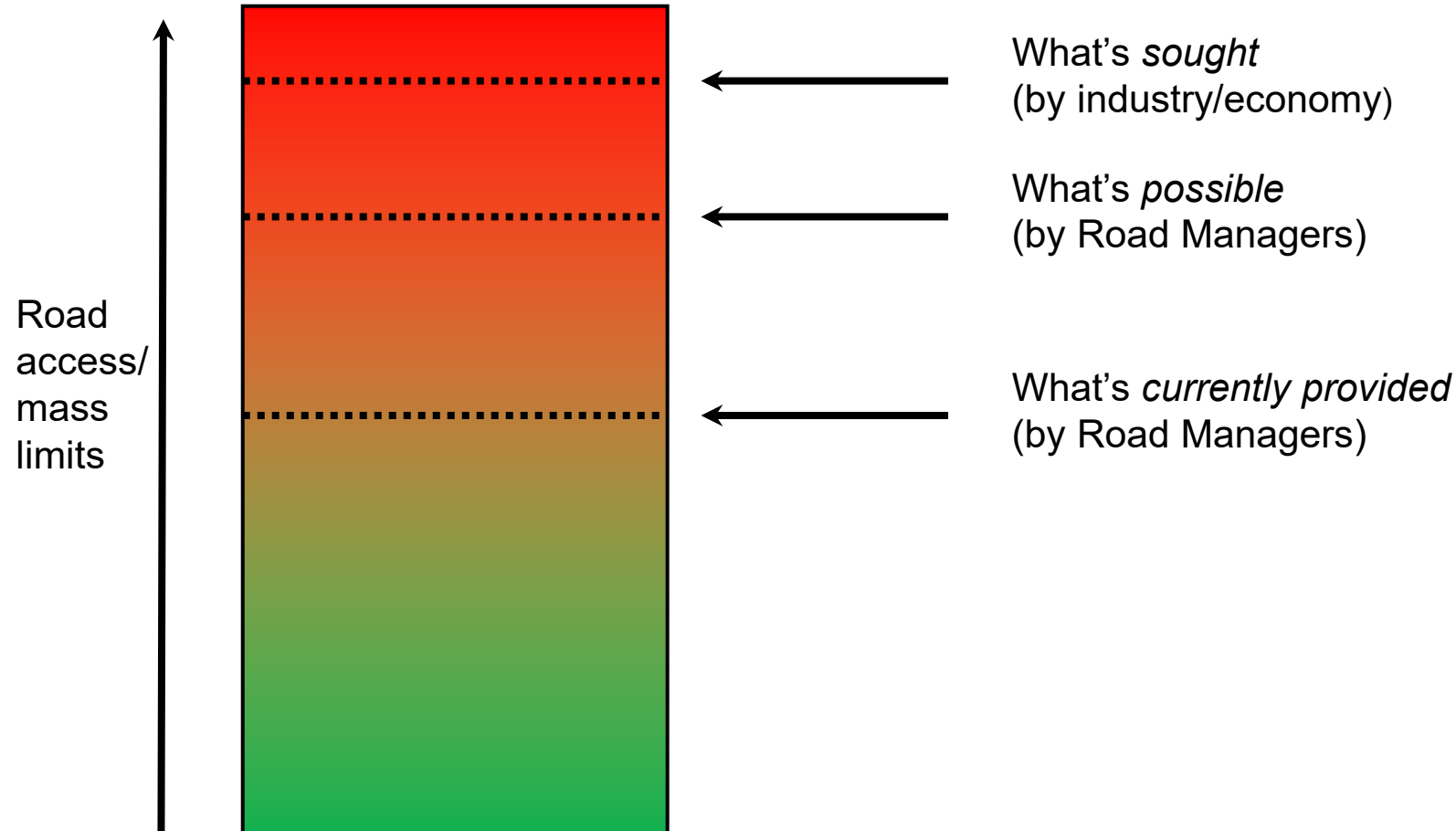
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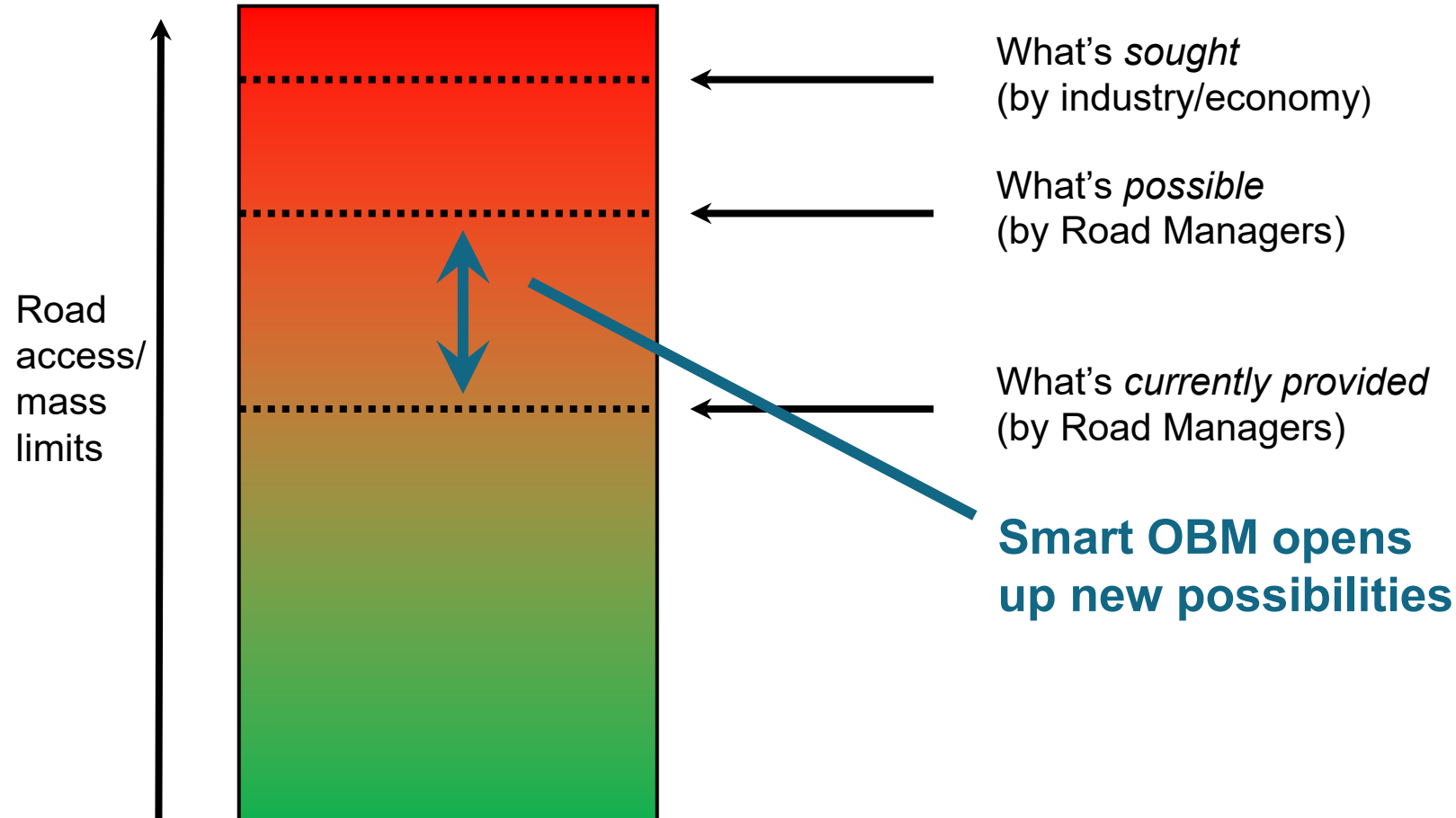
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For details on rates and conditions, please contact your local LBRCA office or visit our website at [www.lbrca.com.au](http://www.lbrca.com.au).

# Telematics changes the paradigm



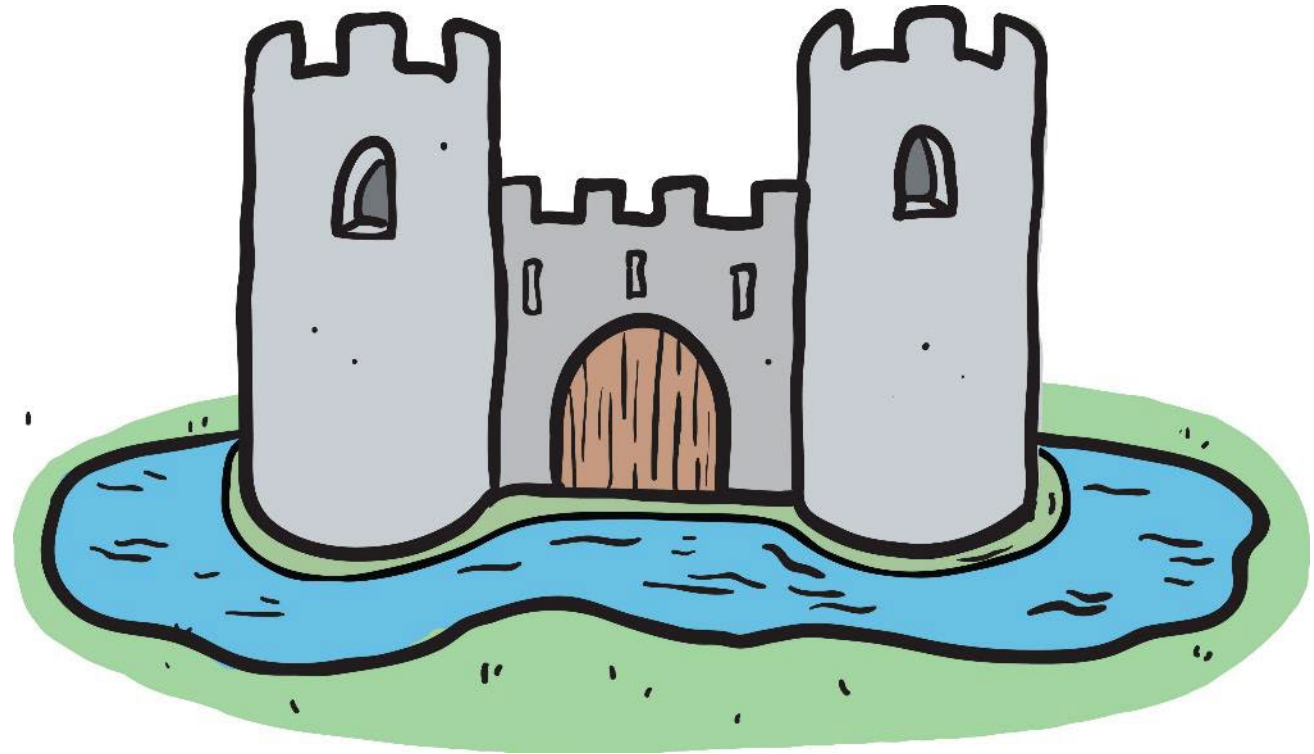
# Telematics changes the paradigm



**One final thought...**











# Industry-led data sharing initiatives

- Industry bodies are now sharing data with TCA.
- Data-sharing initiatives help industries gain a macro-view of the vehicle movements in their own sector.
- As an independent, government-oversighted body, TCA offers the transport operators data protection controls and safeguards.





# TCA's current industry-led data sharing initiatives

| Study name              | Dangerous goods data-sharing initiative   | Construction vehicles data-sharing initiative   |
|-------------------------|---|---|
| Association partner     |    |    |
| Participating companies |     |     |
| Study goal              | <p>To provide greater visibility on the key routes and areas of travel intensity for specific classes of dangerous goods in Australia.</p>  | <p>To provide greater visibility of the movement of vehicles associated with the construction industry in Australia.</p>  |

Want to get involved?

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**W: [tca.gov.au](http://tca.gov.au)**

**E: [tca@tca.gov.au](mailto:tca@tca.gov.au)**

