Parking Innovation Challenge

Information Session - Wednesday 20 May 2020 - 2pm AEST

Welcome Address

Richard Tubb
Innovation Lead, Open Data and Innovation
Transport for NSW

Special thanks

- Waverley Council
- Willoughby Council
- City of Sydney
- Canterbury Bankstown City
- Penrith City Council

Agenda

- ## Welcome address
  Richard Tubb, Innovation Lead – Open Data & Innovation, TfNSW

- ## Open Data & Innovation at Transport for NSW
  Yvonne Lee, A/Director Open Data & Innovation, TfNSW

- ## Parking Innovation Challenge
  Dylan King, Innovation Lead – Open Data & Innovation, TfNSW

- ## Q&A Panel
  Gordon Farrelly, Traffic & Transport Team Leader, Willoughby Council
  Leo Huertas, Strategic Transport Project Manager, Waverley Council
  Peter Boland, Project & Risk Manager, Safety Environment & Regulation, TfNSW
  David Phillips, Open Data Enablement Lead, TfNSW
  Yvonne Lee, A/Director Open Data & Innovation, TfNSW
  Dylan King, Innovation Lead - Open Data & Innovation, TfNSW

Open Data & Innovation

Yvonne Lee
A/Director, Open Data and Innovation
Transport for NSW

Open Data:
A platform for innovation since 2016

6.1B API hits

2184 registrations for free TfNSW ODI events

19k visitors to the Open Data forum

817 Open Data Forum posts

141K visitors to the Open Data Hub

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registered applications **5,122**

37,127 registered users

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Government Information Public Access (GIPA)

Open government information to the public in order to *"… maintain and advance a system of responsible and representative democratic Government that is open, accountable, fair and effective".*

The three fundamental elements of Open Government enshrined under the GIPA Act are:

a legislated **right to access** information proactively and reactively

the right to hold **government to account** and to expect transparency

public participation by citizens in government decision-making.

Endorsed Products

TripView
Trip Planning | Accessibility | Regional services | Travel alerts | School buses | Seat availability

TripView creates trip plans for metro, train, bus, ferry, light rail and coach services. Plan your trip based on stations, stops and wharves. For bus travel, you can search by route, suburb or stop. It will list all timetabled services with real-time data.

AnyTrip
Trip Planning | Accessibility | Regional services | Travel alerts | School buses | Seat availability

AnyTrip lets you track public transport vehicles around you in real-time using a live map. It will also show you upcoming departures from your favourite stops and stations.

Citymapper
Trip Planning | Regional services | Travel alerts | School buses

Citymapper is a multimodal trip planning app, making cities easier to use. The app allows for checking of nearby departures in real-time and has the ability to find the fastest route combining metro, train, bus, ferry, light rail, taxi, car share, bike share and walking.

Feedback2Go
Feedback

With the new Feedback2Go app you can provide us feedback on public transport, roads and waterways.

Transport info on Facebook Messenger
Trip Planning | Feedback | Travel alerts

RITA (Real-time Intelligent Transport Assistant) provides next metro, train, bus, ferry and light rail service information in Sydney and across NSW.

TripGo
Trip Planning | Accessibility | Opal fares | Driving | Travel alerts | School buses

TripGo shows door-to-door transport options across Greater Sydney as well as how to get to places in the fastest, cheapest and most environmentally friendly way.

Triptastic
Trip Planning | Accessibility | Travel alerts | School buses

Triptastic will show you all the places you can go from your current location on different services. Explore interactive detailed maps for routes, stops and service frequencies.

Finderful.com
Opal fares

Finderful.com is a web app which helps commuters make decisions on their future home based on their desired commute.

Live Traffic NSW
Driving

Live Traffic NSW users will be able to keep up to date with news of incidents and conditions that affect their journey in Sydney and Regional NSW.

Metarove
Trip Planning | Accessibility | Regional services | Travel alerts

With Metarove, you can customise your personal walking speed, the maximum distance you want to walk and it can sort results to show only accessible services.

Moovit
Trip Planning | Travel alerts

Moovit combines real-time data from Transport for NSW with live information from the user community. It will give you the fastest route, announce stops along the way and alert you when your stop is approaching.

NextThere
Trip Planning | Accessibility | Regional services | Travel alerts | School buses | Seat availability

NextThere displays when the next public transport services are due to depart from where you currently are. It can show you which services will get you to your chosen destination most efficiently.

Opal Travel
Trip Planning | Accessibility | Opal fares | Regional services | Driving

With Opal Travel, top up your Opal cards and see your Weekly Travel Reward information from wherever you are. You can plan a trip to and from anywhere in NSW and Opal fare estimates for many services.

Stop Announcer
Trip Planning | Accessibility | Opal fares | Regional services

Stop Announcer (NSW) is designed to help customers with vision impairment navigate their way on public transport. It has a clear, high-contrast display and uses GPS to track your device's location and announce stops along your route.

Train Maze
Educational

Outsmart the obstacles. Play it safe. Become a station safety superstar!

Transit
Trip Planning | Accessibility | Regional services | Travel alerts

With Transit, plan your trip with real-time data and see next departures from your current location. It will also locate nearby Uber drivers, give pick up time estimates for each car and allow you to book through the app.

Snarl
Driving

Get up-to-date information about accidents and congestion across the road network or incidents close to your destination or route. Check out traffic conditions before and during your journey.

Speed Adviser
Driving

Speed Adviser monitors your location and speed via GPS and plays an audible warning if you exceed the speed limit.

Splice Trip NSW
Trip Planning | Travel alerts

Splice Trip NSW is a Facebook messenger chat bot that provides real-time arrival times, service alerts and trip planning capabilities for trains. These can then be shared with others via Facebook or SMS.

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Innovation Challenges

Waverley Transport Innovation Challenge

Transport for NSW invites you to create a mobile app for customers in the Waverley Local Government Area that gives commuters greater access to transport options including shared mobility services.

Last Mile Freight Innovation Challenge

Can you create a product or service that will increase the efficiency of Last Mile Freight in the Sydney CBD?

Clearways Innovation Challenge

CLEARWAYS INNOVATION CHALLENGE

Can you come up with an innovative solution to help us keep clearways clear?

Boating Companion Innovation Challenge

Can you create an app to help recreational boaters navigate the waterways?

Personal Trip Plan API Challenge

Check out the finalists' products from the API challenge that have been launched to the public.

Smart Cities and Accessibility Challenge

How do we make the cities of NSW smarter and more accessible?

Bluetooth Beacons Innovation Challenge

Do you have an idea that uses Bluetooth beacons to benefit transport customers? See how the challenge progressed.

MaaS Trip Planner Trial - Innovation Invitation

Transport for NSW is inviting small and large transport service providers to join a trial that will include their services in Transport for NSW's Trip Planner

Mobility as a Service (MaaS) Innovation Challenge

How would you give customers optimal door-to-door mobility service options and seamless travel combinations for their situation?

Carpooling Innovation Challenge

Can you create a digital product that is designed to increase the adoption of carpooling?

Travel Choices Innovation Challenge

Submit your idea to shape the future of transport.

Learner Driver Logbook

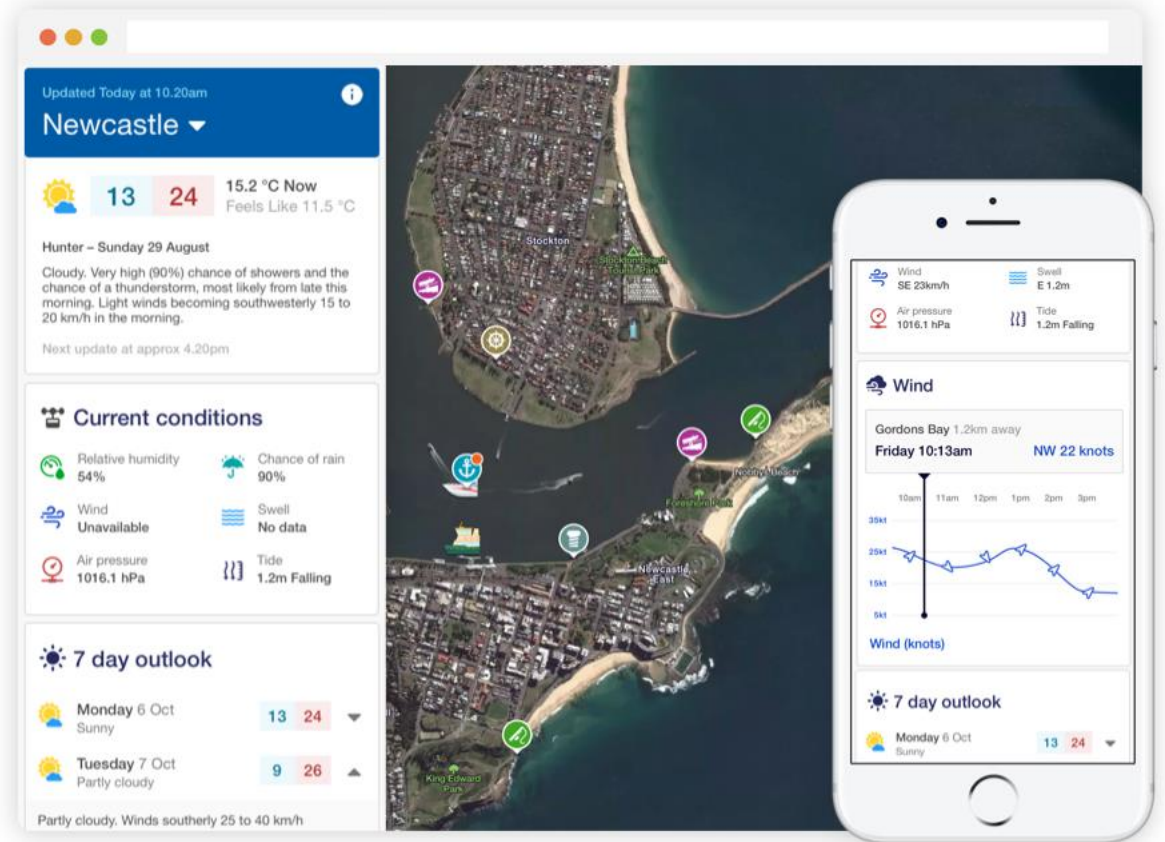Check out the finalists' products from the Learner Driver Logbook innovation challenge.

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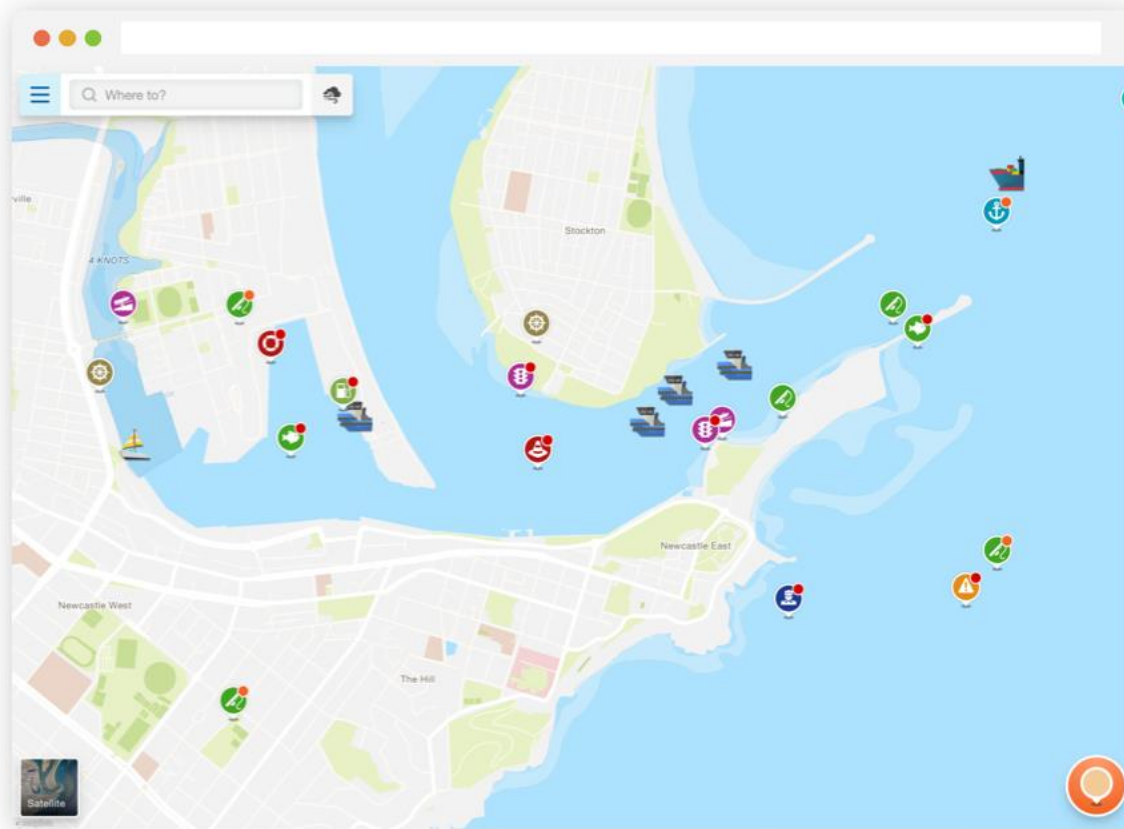
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Parking Innovation Challenge

Dylan King
Innovation Lead, Open Data and Innovation
Transport for NSW

Customer Problem

Challenge Statement #1

Can you create a **safe**, **frictionless, digital** solution for drivers to better understand parking information at their desired location and when planning a trip.

Challenge Statement #2
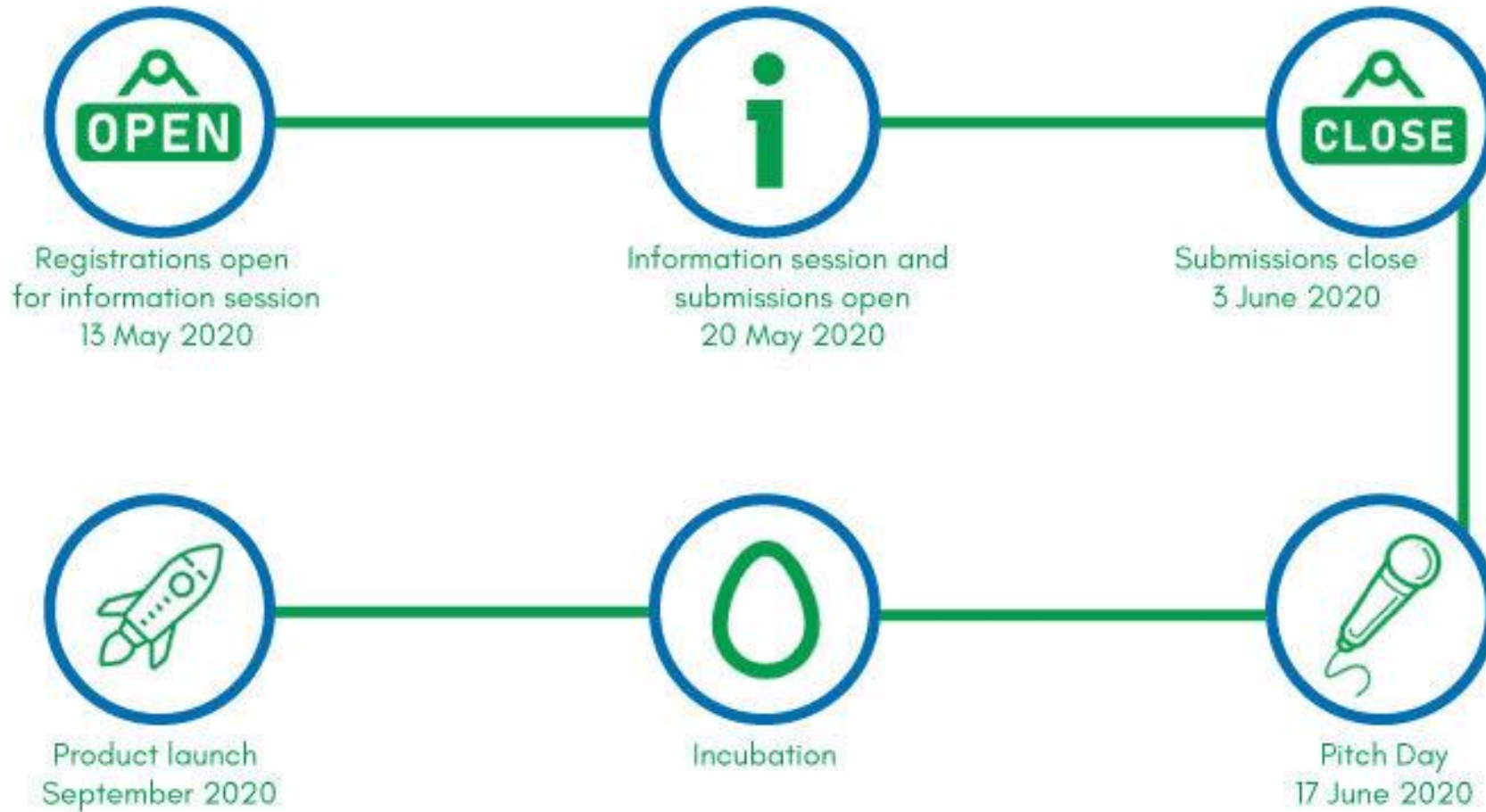
Can you effectively **'map'** or create a **digital representation** of on-street parking and traffic rules that can be published as Open Data.

Innovation Challenge Timeline

Registrations open
for information session
13 May 2020

Information session and
submissions open
20 May 2020

Submissions close
3 June 2020

Product launch
September 2020

Incubation

Pitch Day
17 June 2020

Judging Criteria

1. **Customer Experience and Usability** - is the solution appealing, effortless, intuitive and easy to use?
2. **Market Feasibility** - How well do you understand the customer, what benefits they will derive from the solution and how likely they are to use it?
3. **Innovation** - Is the product unique and original, and does it demonstrate tangible technical innovations?
4. **Commercial Sustainability** - Can the idea sustain its commercial momentum? Is it likely to be profitable in the long term?
5. **Technical Feasibility** - Can the team deliver the solution? Can they demonstrate an understanding of technical inputs to solution development and ensure ongoing technical stability?

Seed Funding

Up to $30,000 + GST

Q&A Panel

- **Gordon Farrelly,** Traffic & Transport Team Leader, **Willoughby Council**

- **Leo Huertas,** Strategic Transport Project Manager, **Waverley Council**

- **Peter Boland,** Project & Risk Manager, Safety Environment & Regulation, **TfNSW**

- **David Phillips,** Open Data Enablement Lead, **TfNSW**

- **Yvonne Lee,** A/Director Open Data and Innovation, **TfNSW**

- **Dylan King,** Innovation Lead - Open Data and Innovation, **TfNSW**

Key dates, information and contacts

- Submission close 11:59pm on **Wednesday 3 June 2020.**

- Website: https://opendata.transport.nsw.gov.au/parking-innovation-challenge

- Open Data Forum: http://opendataforum.transport.nsw.gov.au/

- Waverley Council Data: https://opendata.transport.nsw.gov.au/dataset/waverley-council-data

- Twitter: @DataTfNSW: https://twitter.com/datatfnsw | #NSWParkingChallenge

- Email: opendataprogram@transport.nsw.gov.au