

# SMART CASEY

## INNOVATION FESTIVAL 2021



## Statement of Acknowledgment

The City of Casey proudly acknowledges the Traditional Owners, Casey's Aboriginal communities and their rich culture and pays respect to their Elders past, present and future. We acknowledge Aboriginal people as Australia's First Peoples and as the Traditional Owners and Custodians of the land on which we work and live.

# Agenda

- a. Welcome to the Innovation Festival – 5 min
- b. Year in review: Highlight Smart City and Innovation outcomes- 10 min
- c. Living Lab Keynote: Cities as spaces to innovate and solve challenges together- 30 min
- d. Panel discussion: Harman Singh, Brook Dixon, Jen Bednar, Alex Graham and Laura Baker (moderator) - 30 min
- e. Q&A with panel – 10 min
- f. Thank you– 5 min

# Today's Speakers



**Rasmus  
Bertelsen**

*Team Leader*

*Copenhagen Labs*



**Jen  
Bednar**

*Director of Customer and  
Business Transformation*

*City of Casey*

## A few notes..!

- We will be recording the session
- Feel free to turn off your camera if you are not presenting
- The session will be interactive with polls via Menti
- If you have any questions, feel free to put them in the chat or to [smartcity@casey.vic.gov.au](mailto:smartcity@casey.vic.gov.au)

# Hello!

- Pop in the chat:
- **your name**
- **location**
- **destination you're most excited about visiting**

# A Smart City and Innovation Year In Review

Jen Bednar, Director of Customer and Business Transformation  
City of Casey

# Smart Casey Launchpad

A city that puts its community first, adjusting to serve them and their growing needs. It applies digital technology, data and innovative practices to improve liveability, sustainability, collaboration and economic opportunities.



Engage and consult with **community** using digital and physical channels



Gather, analyse and share **data** to benefit both Council and community



Facilitate **innovation** and collaboration through experimentation and collective learning



Encourage **diverse** involvement, access and inclusion



# SMART CASEY FOCUS AREAS

The Smart Casey Focus Areas will drive local action. Guided by our community, these interrelated focus areas will create new opportunities for growth, projects and partnerships.



## CONNECTING COMMUNITIES

Seamless digital connectivity will enhance local community connections ensuring that no one is left behind in the digital age

### OBJECTIVES

- > Digital Democracy
- > Equity & Inclusion
- > Community Connection



## SMART PLACES & SPACES

Walking and cycling around our green spaces will be safer, cleaner and greener

### OBJECTIVES

- > Developments & Infrastructure
- > Safety
- > Mobility



## ENVIRONMENTAL SUSTAINABILITY

Our City will be cleaner, more efficient and powered by data and renewable energy

### OBJECTIVES

- > Circular Innovation
- > Climate Resilience & Mitigation
- > Growing Sustainably



## INNOVATIVE & DYNAMIC CASEY

Testing, trialling and experimenting with new technology will support economic, social and environmental growth

### OBJECTIVES

- > Smart City Ecosystem
- > Education
- > New Jobs & Growth



## SMART COUNCIL

Council will lead by example, driving innovation internally and within the wider community

### OBJECTIVES

- > Data-Led Value
- > Internal Capability
- > Partnerships

# Smart City and Innovation Roadmap for Casey

<i>Plan and Deliver Pilots</i>	<i>Deliver and Scale Up Projects</i>	
<i>Establish Partnerships</i>	<i>Maintain and Expand Partnerships</i>	
<i>Build Employee Capability</i>	<i>Embed Capability and Practices across Casey</i>	
<i>Deliver Platforms</i>	<i>Embed and Expand Platforms</i>	
<i>Develop Policies</i>	<i>Continually Manage Policies and Processes</i>	
<i>Get the foundational processes, programs, policies and partnerships in place.</i>	<i>Embed the core smart city and innovation activities across Casey</i>	<i>Expand the impact and scale by leveraging the strong smart city and innovation foundations</i>
<b><i>Establish</i></b>	<b><i>Embed</i></b>	<b><i>Expand</i></b>
<b>2021</b>	<b>2022</b>	<b>2023</b>

# Highlights for 2021



## CONNECTING COMMUNITIES

Digital Equity Framework

Connecting Victoria Advocacy

Free Wi-Fi map of Casey

Rollout of free Wi-Fi in Doveton

Digital Equity Lab Launch



## SMART PLACES & SPACES

Sensing Our City

LoRa WAN Upgrades

Developer Toolkit and Engagement

Bunjil Place Sensor Rollout

Smart Parking Scale Up Plan



## ENVIRONMENTAL SUSTAINABILITY

Circular Economy Program

Electric Vehicle Roadmap with SECCA

Online emissions platform

Online emissions platform



## INNOVATIVE & DYNAMIC CASEY

Living Lab Concept Paper

Open Data Platform Launch

Open Data Policy



## SMART COUNCIL

Smart Councils Regional Partnership

Innovation Bootcamp- Training

Smart City Training

Community Reference Group Formation



# Project in Focus: Open Data Platform

Since  
launching in  
October...

60

Data sets

143

Registered  
users

795

Total users

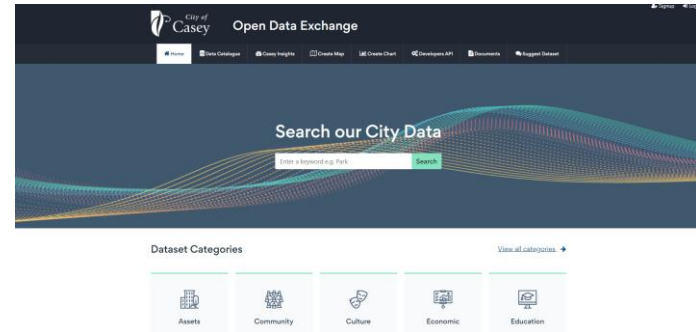
64

API calls per  
user

387

Downloads

<http://data.casey.vic.gov.au/>



*'You picked the right platform and have taken a really solid approach to ensure the **data is easy to use and accessible.**'*

*'This is industry leading work and am proud to see that **Casey is leading the way in innovation.**'*

*'This is the most technologically mature one that I have seen. **Students could use this without many issues.** Are other councils doing similar things to this?'*

*'This is great piece of work and from technical perspective, **top-notch work.** Well done team.'*

# What's coming up in 2022



## CONNECTING COMMUNITIES

Digital Equity Lab rollout

5G Co-Location Plan

Digital Literacy promotion

Virtual Community Hub Pilot



## SMART PLACES & SPACES

Sensing Our City Scale Up

Digital Twin Pilot

IoT policy and architecture

Smart Parking Scale Up



## ENVIRONMENTAL SUSTAINABILITY

Circular Economy Program for Business

Electric Vehicle Roadmap with SECCA

Online circular waste platform trial

Heat island effect mapping



## INNOVATIVE & DYNAMIC CASEY

Living Lab Launch

Open Data Platform Events

Open Data Exchange Policy



## SMART COUNCIL

Smart Councils Regional Partnership

Innovation Bootcamp- Training

Smart City Training



# Keynote Address: Rasmus Bertelsen



 **City of Copenhagen**

 **City of Casey**

## Living Labs-

Cities as spaces to innovate & solve challenges together

**Rasmus Bertelsen,**  
Copenhagen Municipality

 **DelosDelta**



# Today's Panel



**Brook  
Dixon**

*Managing Director,  
Delos Delta*



**Jen  
Bednar**

*Director of Customer and  
Business Transformation  
City of Casey*



**Harman  
Singh**

*Smart City and Innovation  
Community Reference  
Group Member  
and Smart City Leader*



**Alex  
Graham**

*Innovation Officer,  
City of Casey*

# The Smart Casey Innovation Festival 23-26 November

<https://conversations.casey.vic.gov.au/smartcasey/smart-casey-innovation-festival-2021>



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Topics include:

Digital  
Equity

Circular  
Economy

Internet of  
Things

Open Data

Community  
Innovation