



# All of 5km:

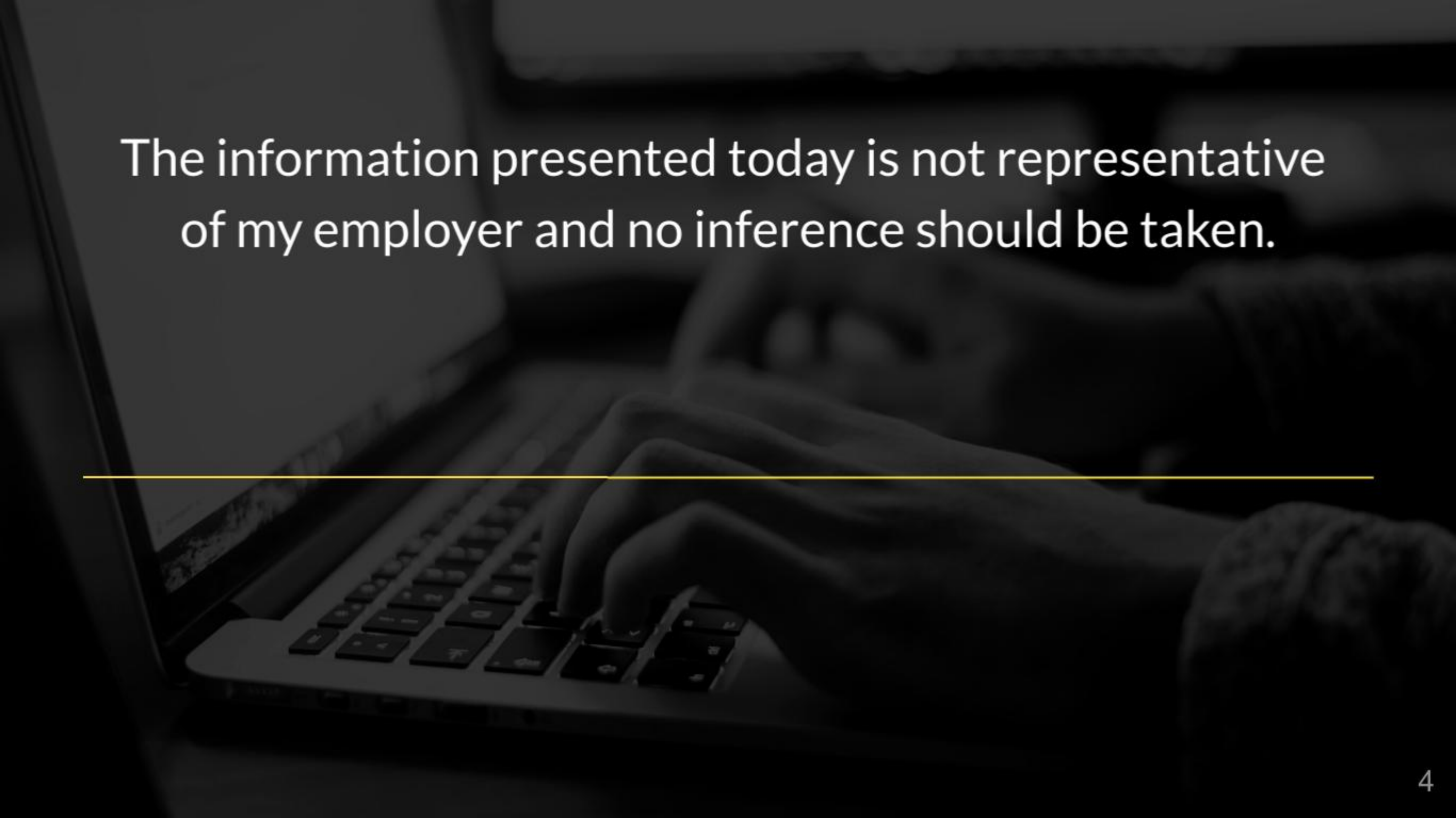
or how to keep sane during  
the COVID-19 lock down.

Bula!

I am Ewen, and my mountain is Mt Dandenong and my river is the Yarra in Melbourne, Australia, in the land of the Wurundjeri people of the Kulin Nation and pay my respects to all elders past or present and any elders who may be here today.

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What no-code  
tools can you use  
**to support local  
initiatives**

A dark, low-key photograph of a person's hands typing on a laptop keyboard. The scene is dimly lit, with the primary light source coming from the laptop screen, which is partially visible on the left. The person's hands are in the center-right of the frame, with fingers positioned over the keys. The background is out of focus, showing what appears to be a desk or another part of the laptop. The overall mood is professional and focused.

The information presented today is not representative  
of my employer and no inference should be taken.

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# July 7th, 2020 - four reasons to leave your home

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Shopping for  
essentials



Medical or  
compassionate  
needs



Exercise



Work or  
education



Let's meet 'Karen' ...



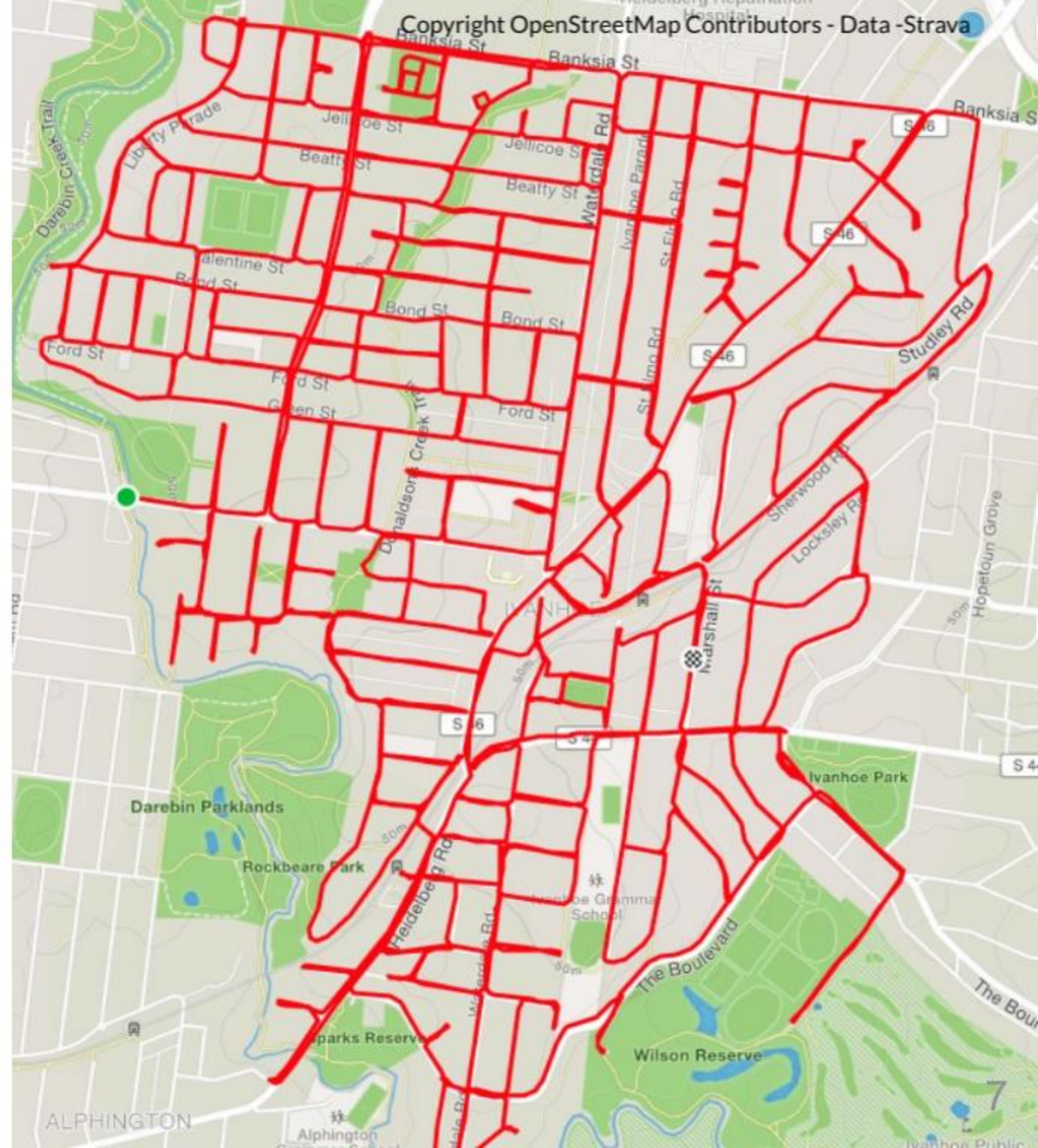




RIDING 85 KM  
WITHIN 2 KM OF  
HOME:

EVERY STREET IN MY  
SUBURB WITHOUT A  
MAP

Source: [bit.ly/ct-ivanhoe](https://bit.ly/ct-ivanhoe)  
with thanks to Cycling Tips











# Burbing

- To cycle every road in a suburb
- This can be done across multiple rides
- Use a map, or not, ride solo or with friends.
- Store using GPS device / online system



Aaron Groot - [strava.com/athletes/2046684](https://strava.com/athletes/2046684)



# "The Karen"

## By cyclist Aaron Groot

97km in 3hrs at 32kph

Sources:

Aaron Groot (pedals)

Strava App (ride recording)

[gtoes.org/strava/](https://gtoes.org/strava/) (Strava to GPX)

QGIS (temporal map)

ScreenToGif (animated gif)



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# Concrete Jungle

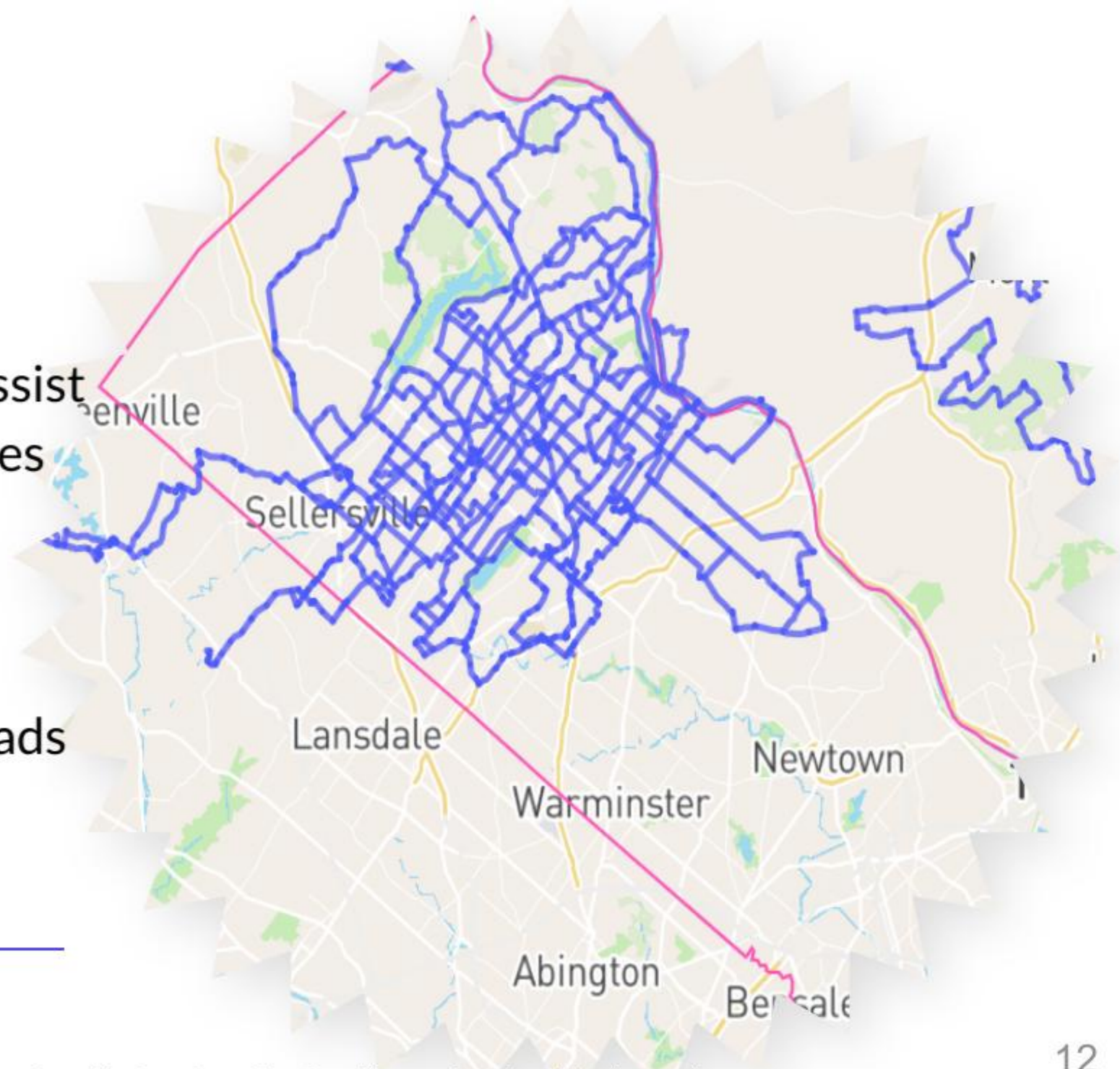
Transforming overlooked & underutilised fruit trees and land into a healthy food source for communities in need across Georgia (USA)

"1 in 8 Georgians are food insecure and lack access to fresh, healthy produce. With over 2,000 volunteers and dozens of community partners, Concrete Jungle provides millions of servings of fruits and veggies to families in need."

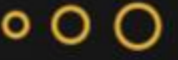


# Wandrer.earth

- Created for Concrete Jungle to assist in mapping underutilised fruit trees
  - Commenced in 2018
  - Now the burbing bible
  - Based on OpenStreetMap data
  - Strava connection & manual uploads
  - Freemium product
  - A project of love by Craig Durkin
- 







# City of Yarra

**393km of new roads  
in a very long time!**

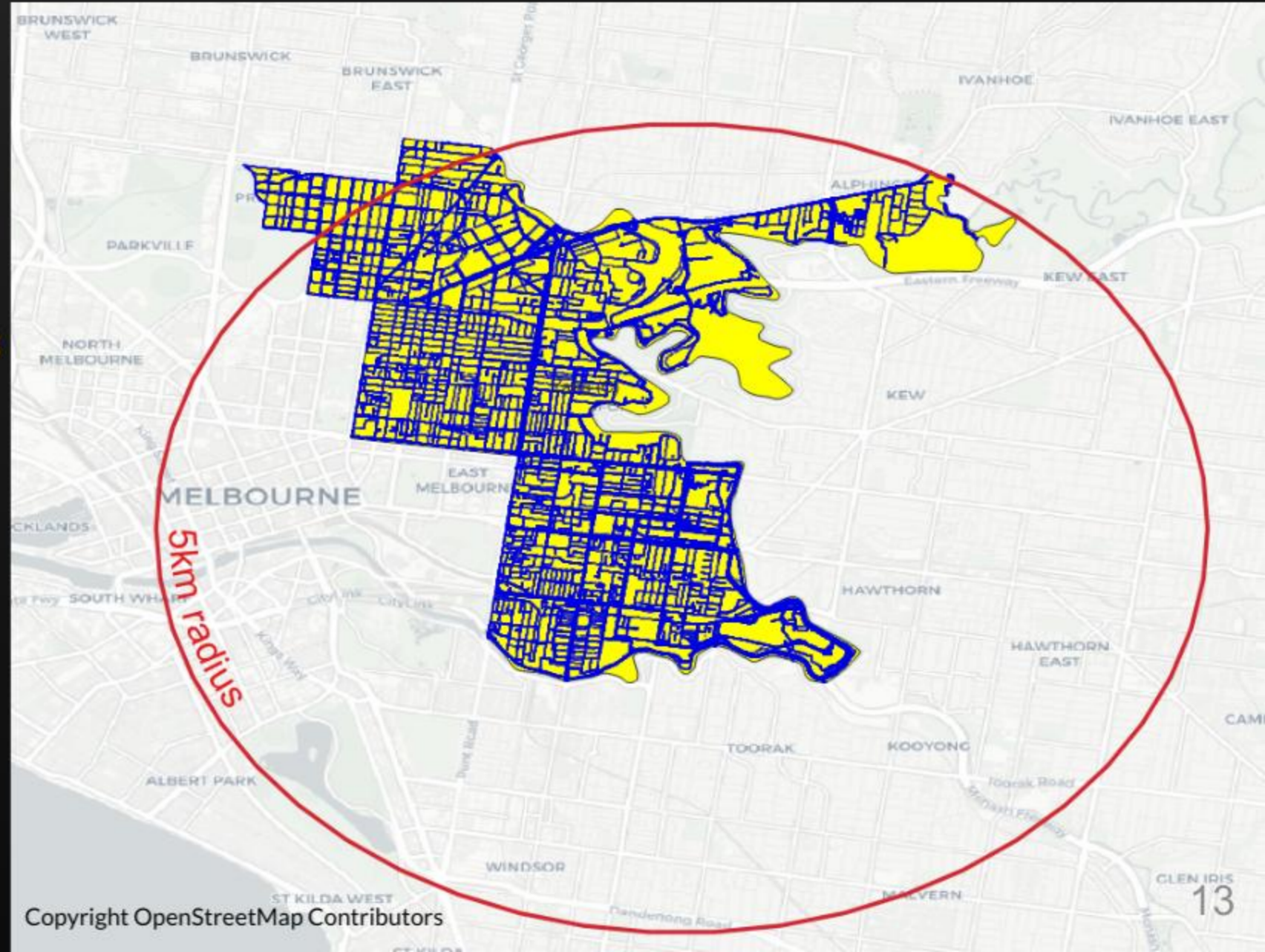
Sources:

Ewen Hill (pedals)

Strava App (ride recording)

Wandrer.earth

QGIS



# #AllOf5km

1,347km of new roads in 2+ years



Sources:

Ewen Hill (pedals)

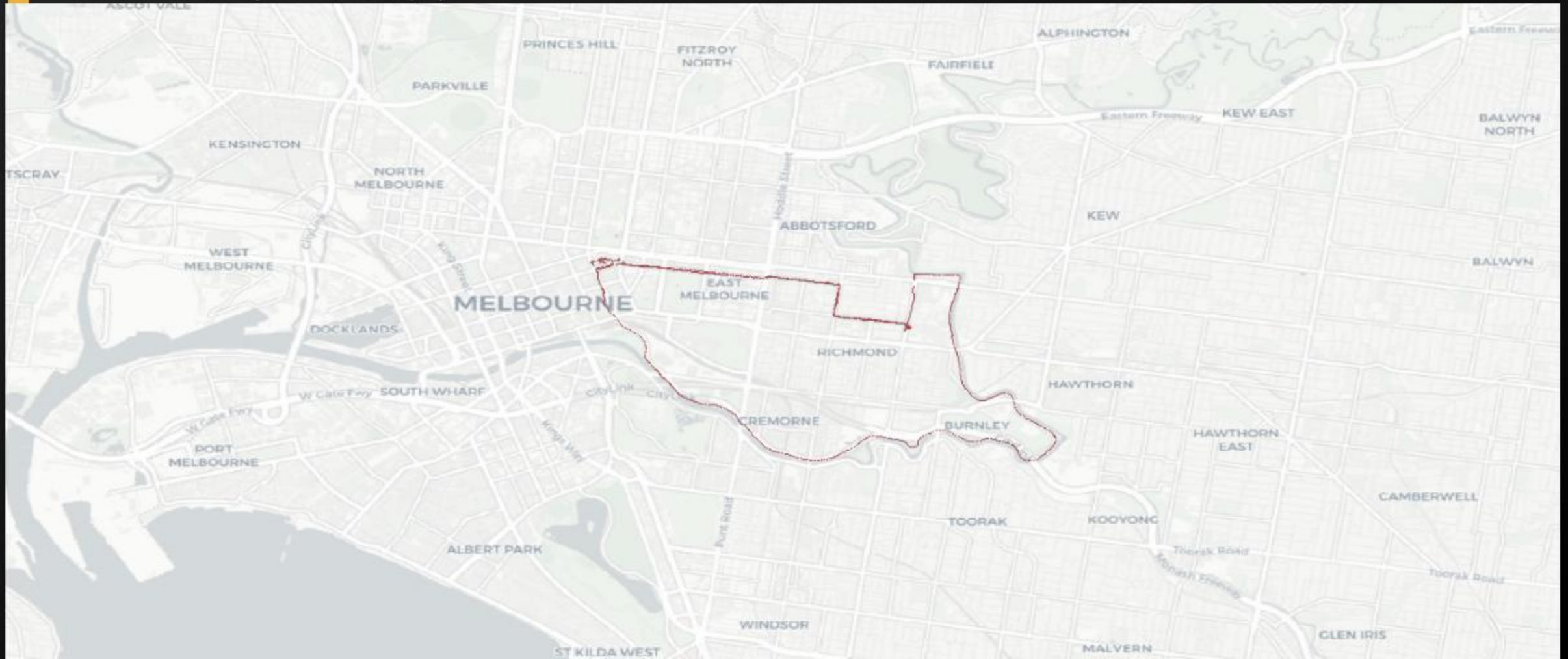
Strava App (ride recording)

[github.com/PhysicsDan/GPXfromStravaAPIPublic](https://github.com/PhysicsDan/GPXfromStravaAPIPublic)

QGIS (Batch\_GPS\_Import and temporal map)

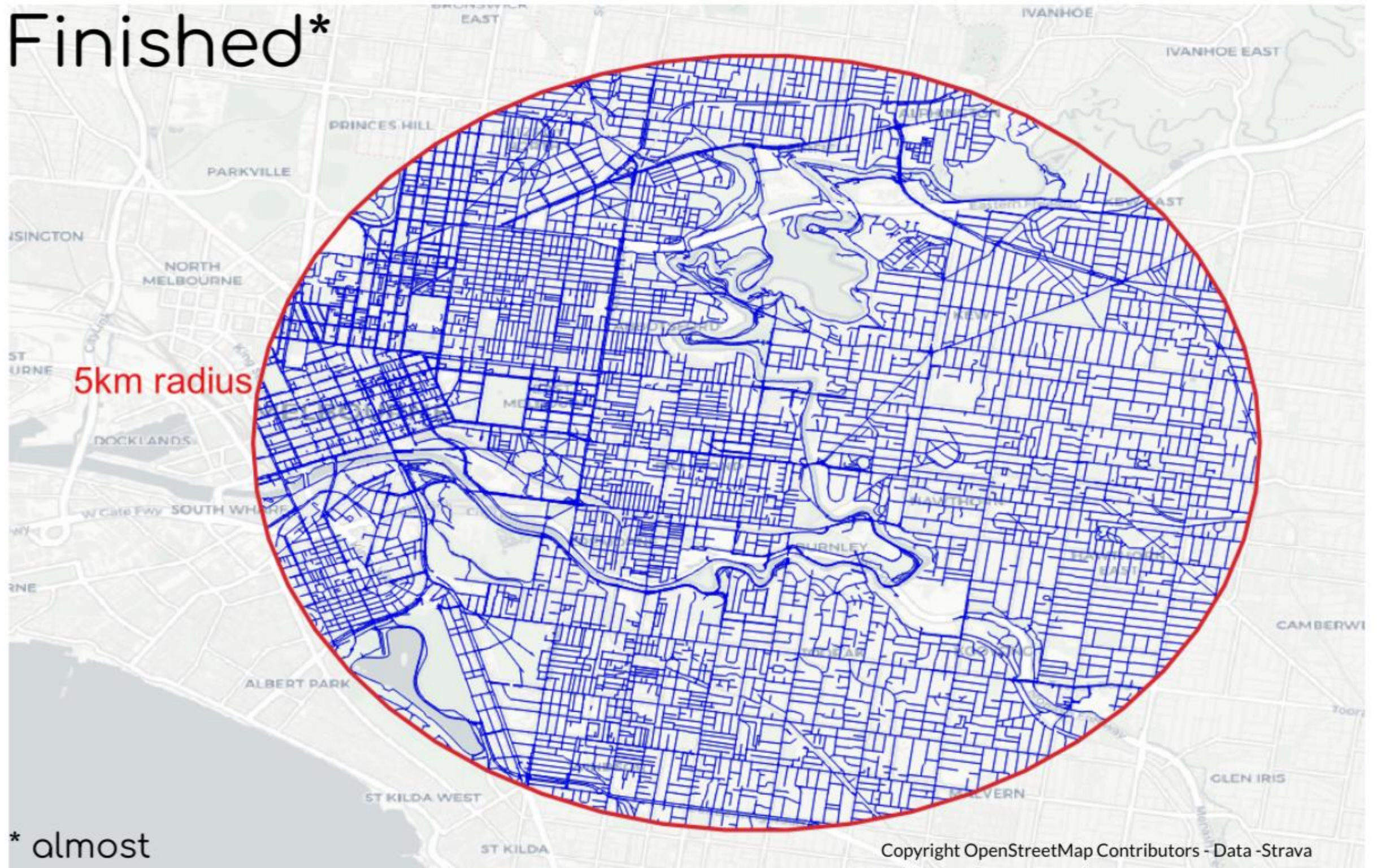
ScreenToGif (animated gif)

Copyright OpenStreetMap Contributors - Data - Strava





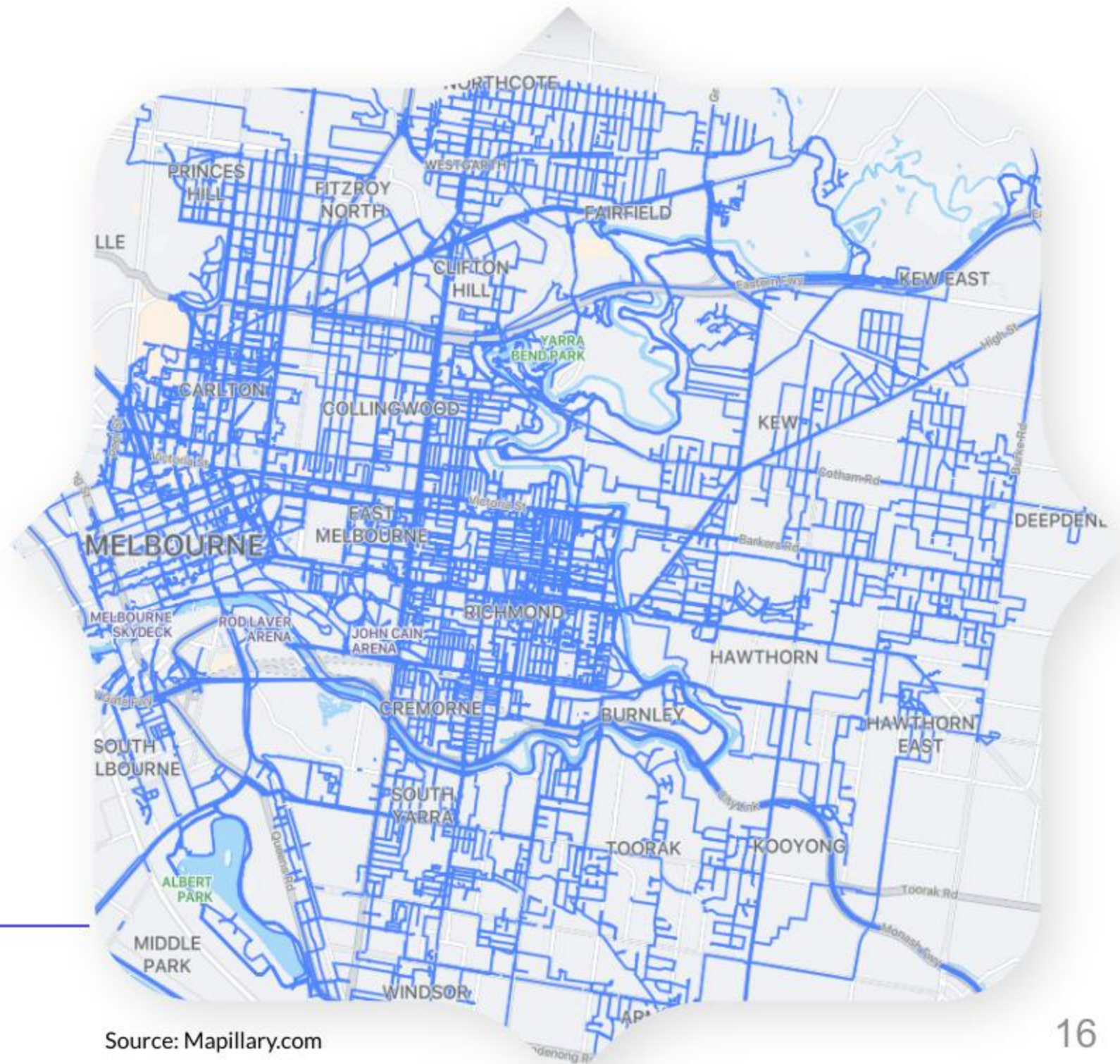
# Finished\*





# Mapillary.com and OSM Edits

- ~75,000 georeferenced images taken for use by OSM editors who can access Mapillary.com
- Minor OSM edits where roads no longer exist
- Improved navigation for all traffic.







# Suggestions



- Forget Route Inspection Problem\*
- Turn left
- Keep safe!!!
- Don't forget to press "start"

\*Try [github.com/jgc234/optiburb](https://github.com/jgc234/optiburb)



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# Thank you & questions



@skillsyV2