

**LIVING LOCAL TO  
AMENITIES...**

**...DO IT EVERYWHERE**

# Who has heard of the...

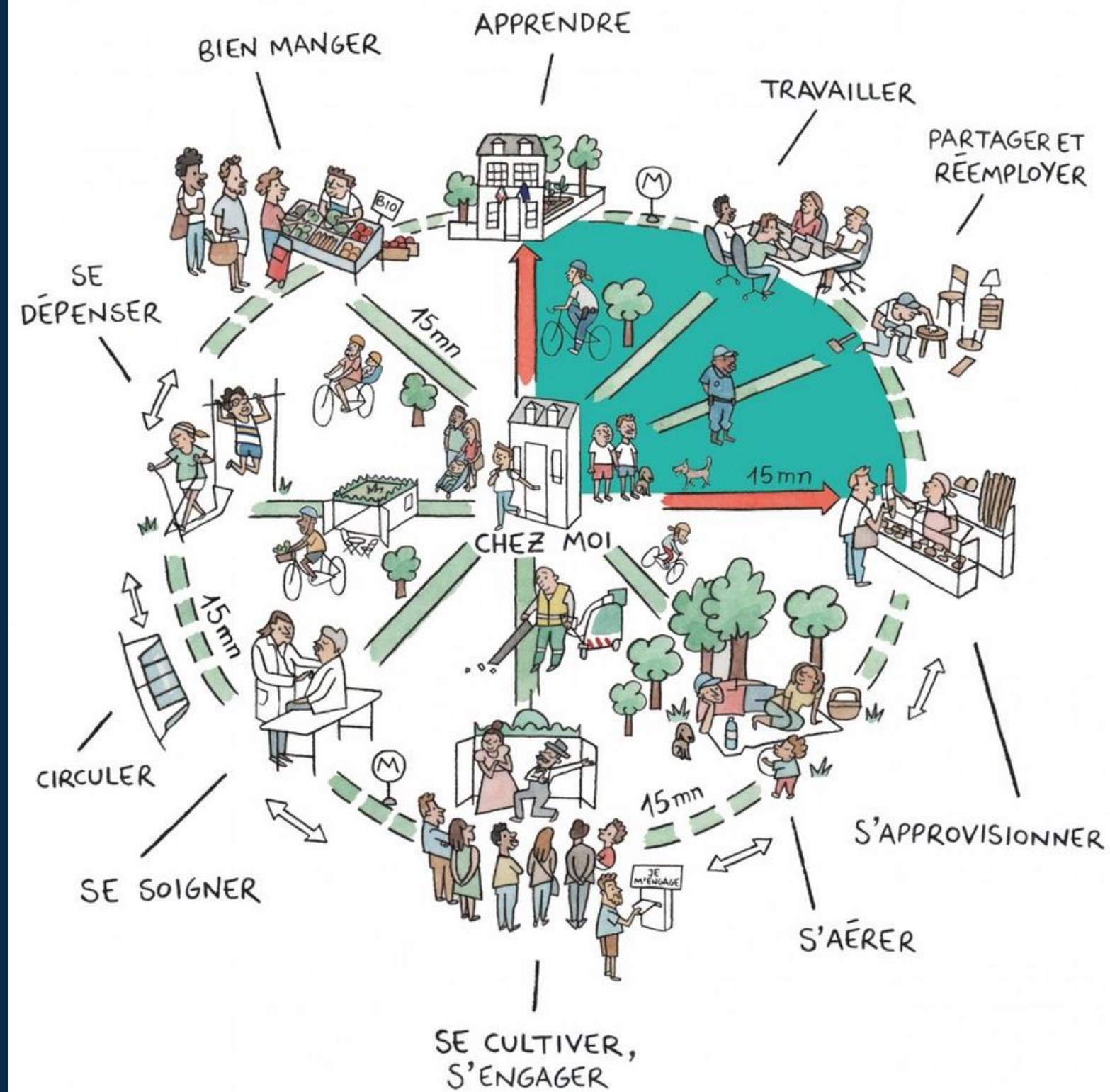
15 Minute City?

20 Minute City?

10 Minute City?

5 Minute City?

LE PARIS DU 1/4 HEURE



MICAËL



# Evaluating X-Minute Cities for People Friendly Centres

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# Concept

Residents have access to the things they need within 20/15/10/5.../X-minutes of their home.

Residents are able to meet most of their needs within a short walk of their home.





# Benefits

- Direct climate action
- Public health measure
- Community activator





**1. How do we measure the X-Minute City?**

**2. Does the X-Minute City Work?**

**3. Is it worth it?**

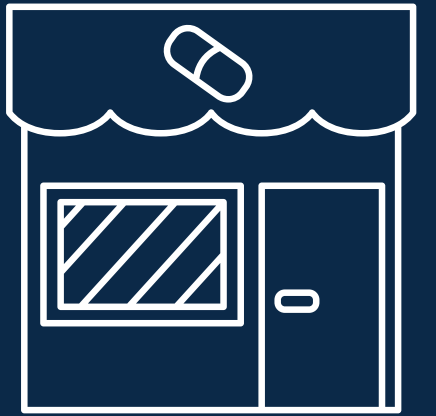




**How do we measure  
the X-Minute City?**



# Where did we start?





# X-Minute City Statistics

- Percentage of residents within X minutes
- Maximum travel time
- Population weighted mean/median
- 90th percentile
- Inequality penalised mean (Equally-Distributed Equivalent)




# Our publication includes:

- Advice on measuring x-minute
- Details on the tested statistics (approaches)
- Further discussion on the challenges



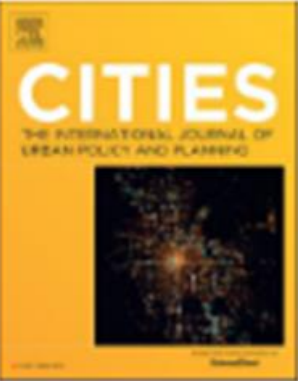
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 **ELSEVIER**

Cities

journal homepage: [www.elsevier.com/locate/cities](http://www.elsevier.com/locate/cities)



The image shows a snippet of the journal's website header. It includes the Elsevier logo, the journal title 'Cities', and the ScienceDirect link. To the right is a small thumbnail of the journal cover, which features the title 'CITIES' and the subtitle 'THE INTERNATIONAL JOURNAL OF URBAN POLICY AND PLANNING'.

The x-minute city: Measuring the 10, 15, 20-minute city and an evaluation of its use for sustainable urban design

T.M. Logan <sup>a,b,\*</sup>, M.H. Hobbs <sup>a,c,d</sup>, L.C. Conrow <sup>a,c</sup>, N.L. Reid <sup>a,b</sup>, R.A. Young <sup>a,b</sup>, M.J. Anderson <sup>a,b</sup>





**What you measure,  
matters**



**People have different  
needs!**



## Urban Ranking

(All, All, Walking)

Urban Area	Time
Wellington	15m
Blenheim	16m
Hastings	17m
Te Awamutu	18m
Whangārei	18m
Hamilton	18m
Auckland	19m
Ashburton	19m
Levin	19m

### Walking Duration:

- 5 min
- 10 min
- 15 min
- 20 min
- 20+ min



## The X Minute City

A new and popular concept that gives people the ability to meet most of their everyday needs within an 10-minute walk, cycle, or public transport trip of their home. Currently implemented abroad to reduce transport emissions while increasing community vibrancy, wellbeing, and safety.

Use this app to explore your community's proximity to the amenities and services that are most important to you.

Publication

Conversation

Blog

For planning and operational purposes, please see the [Access Intelligence dashboard](#) which is regularly updated:

Open Access Intelligence Dashboard

Skip Tutorial

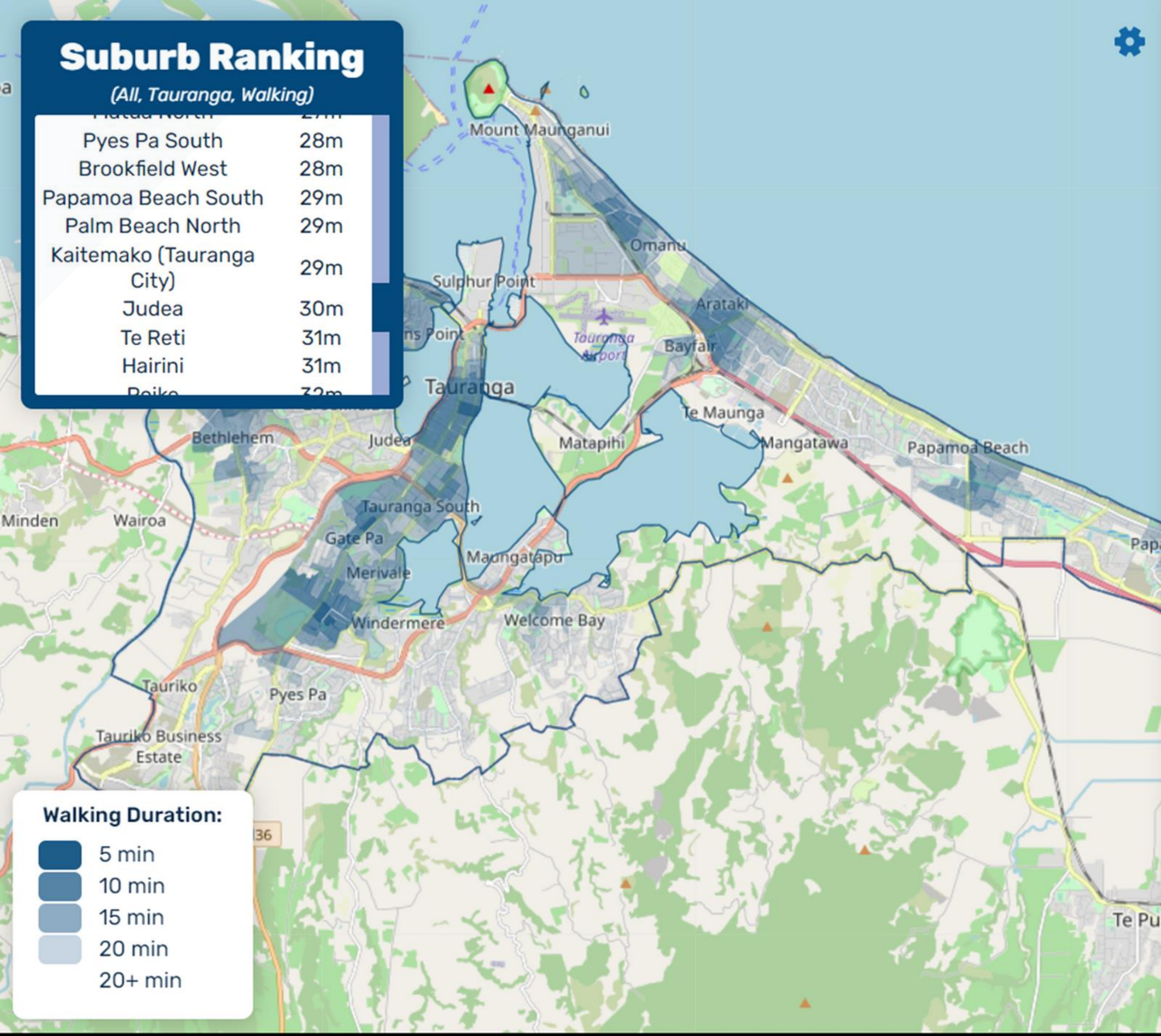




# Suburb Ranking

(All, Tauranga, Walking)

Pyes Pa South	28m
Brookfield West	28m
Papamoa Beach South	29m
Palm Beach North	29m
Kaitemako (Tauranga City)	29m
Judea	30m
Te Reti	31m
Hairini	31m
Beike	32m



**Walking Duration:**

- 5 min
- 10 min
- 15 min
- 20 min
- 20+ min

# The X Minute City

Tauranga

Amenity/Service: All

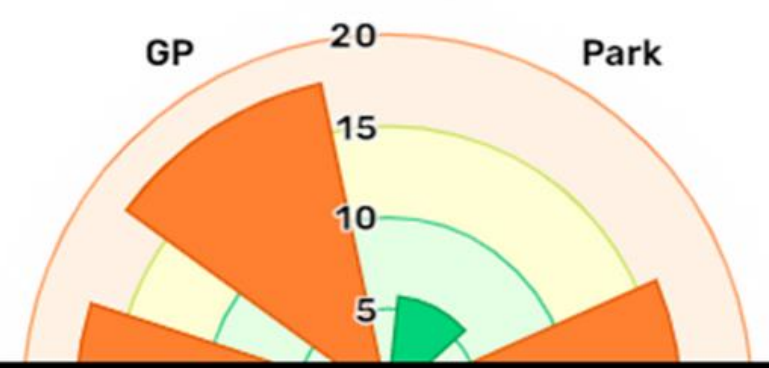
Mode: Walking

On average, for walking to all amenities, Tauranga is a **20 minute city**.

**9% of residents** live within a 10 minute walk of all amenities.

Tauranga's least accessible amenity by walking is a **GP**.

Tauranga Travel Time Population Distribution





**Does the X-Minute  
City work?**



**"Any arbitrary goal set  
by planners is unlikely  
to be aligned with  
what people will  
accept, or consider  
feasible"**

# How long would you walk to your nearest...



**Supermarket?**



**School?**



**Pharmacy?**



# Proximity doesn't necessarily equal access



- \* Will people actually walk?**
- \* Acceptable travel times vary by amenity**
- \* Proximity to amenities doesn't equal access**

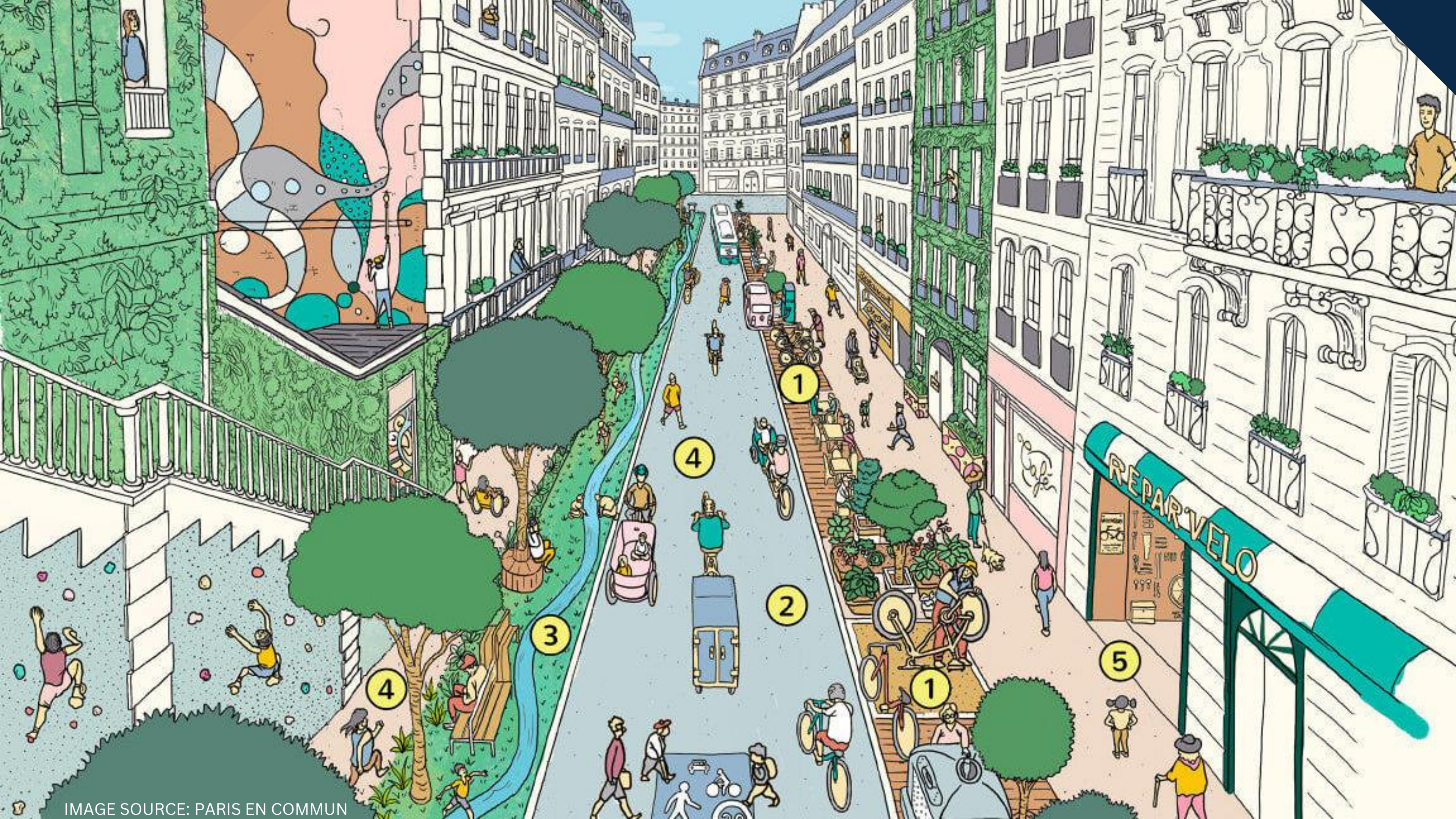


# THRESHOLD (5,10,15,20) BASED APPROACH



**Will a lack of  
ambition make it  
harder in the future  
to do better?**









THE NEON EATERY

downstairs

COME ON IN!  
Authentic  
Healthy  
Fresh

NEW REGENT  
CHICKEN & CH...

Coca-Cola

BREAD & CIRCUS

McIntosh  
ICE



# **So you want to be an 15-Minute City?**

**It might be better to actually  
make our towns and cities...  
as accessible as possible.**

## Explore the NZ results:

<https://research.uintel.co.nz/x-minute-city/>



### WEB

[urbanintelligence.co.nz](http://urbanintelligence.co.nz)

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