

**LIVING LOCAL TO
AMENITIES...**

...DO IT EVERYWHERE

Who has heard of the...

15 Minute City?

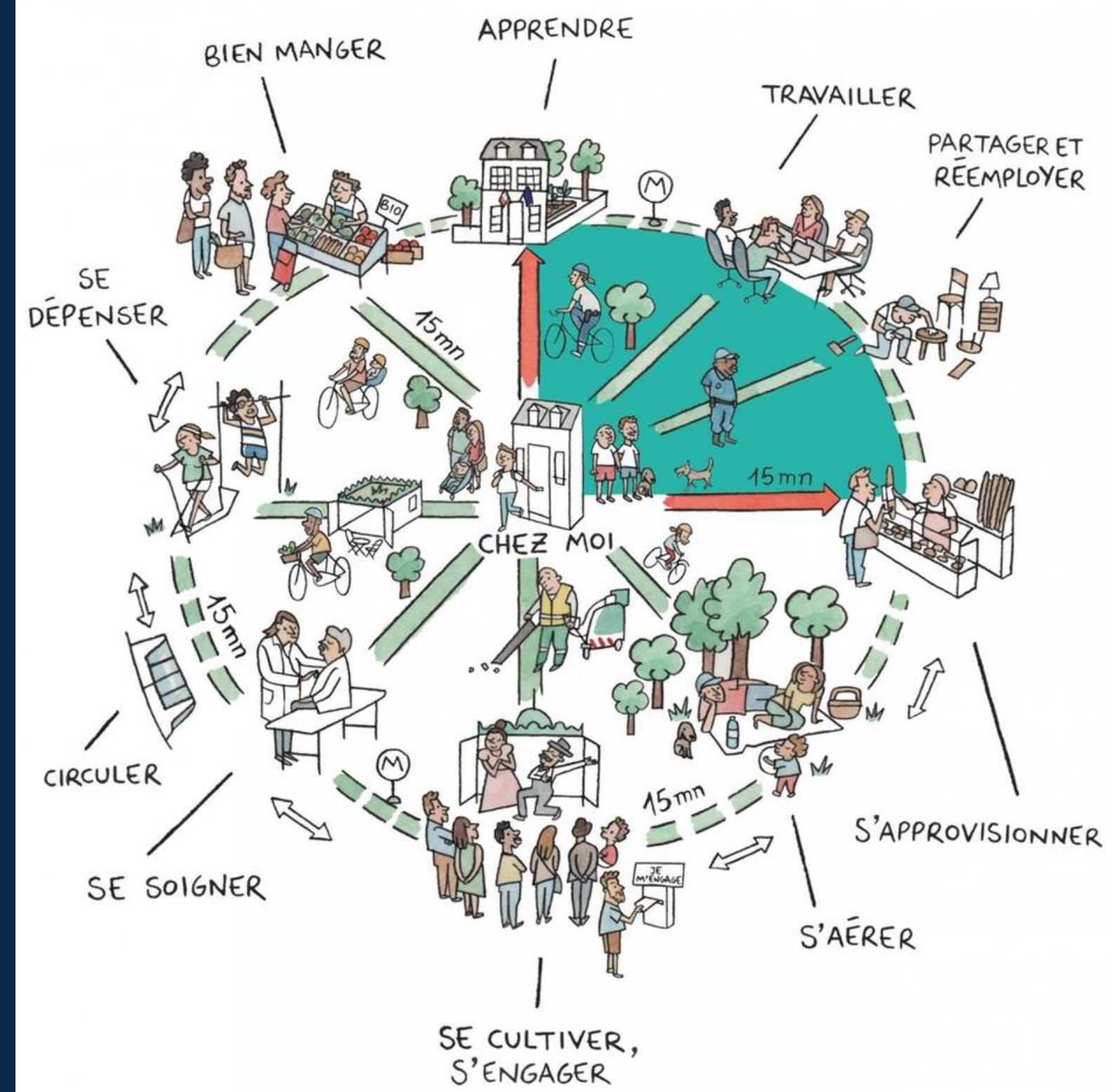
20 Minute City?

10 Minute City?

5 Minute City?



LE PARIS DU 1/4 HEURE



Evaluating X-Minute Cities for People Friendly Centres

Becky Young (she/her) and Nick Reid (he/him)
GHD and ViaStrada



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?

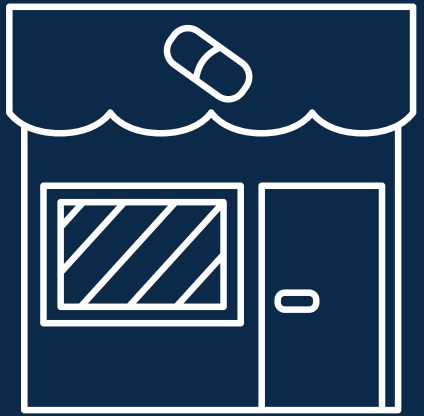
2. Does the X-Minute City Work?

3. Is it worth it?



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

Where did we start?

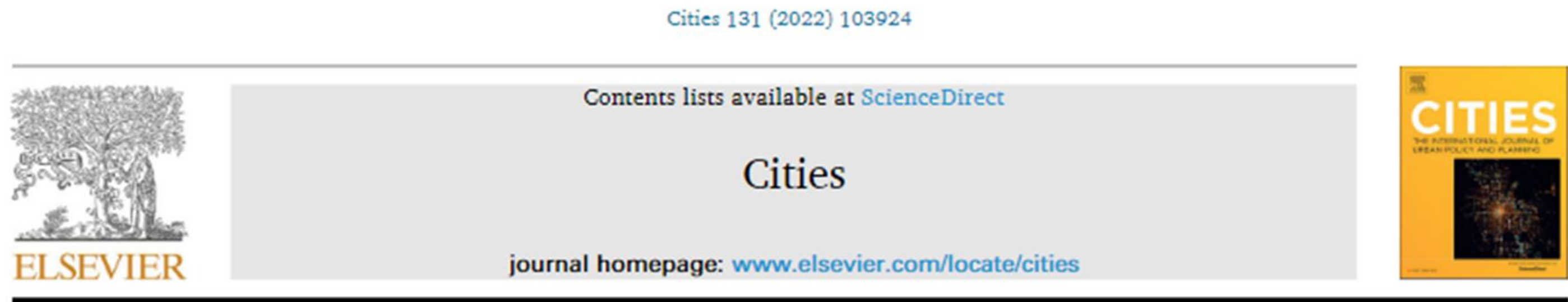


X-Minute City Statistics

- 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



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

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**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

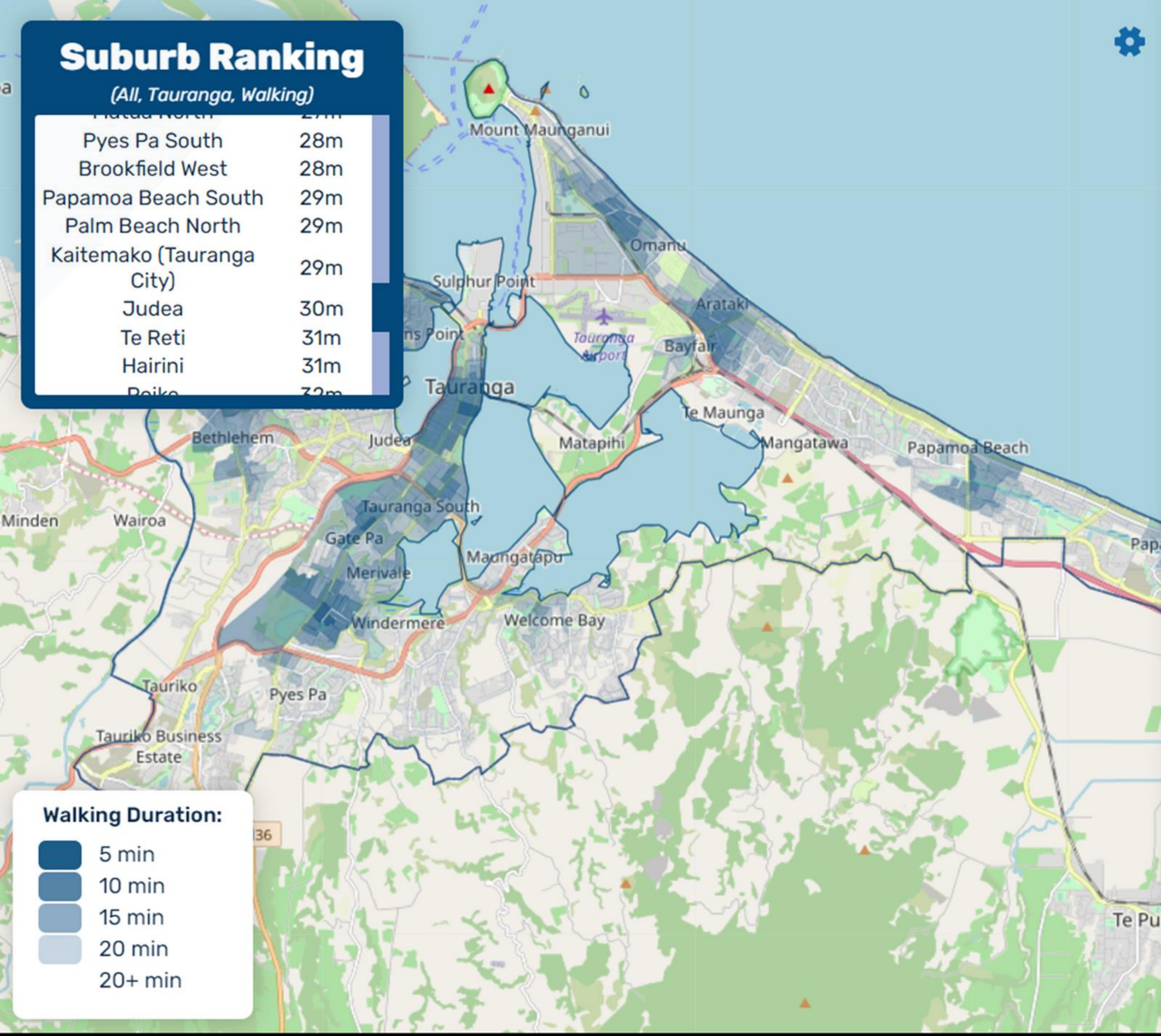
Skip Tutorial



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
Peike	32m



Walking Duration:

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

The X Minute City

Tauranga

Amenity/Service:

All

Mode:

Walking

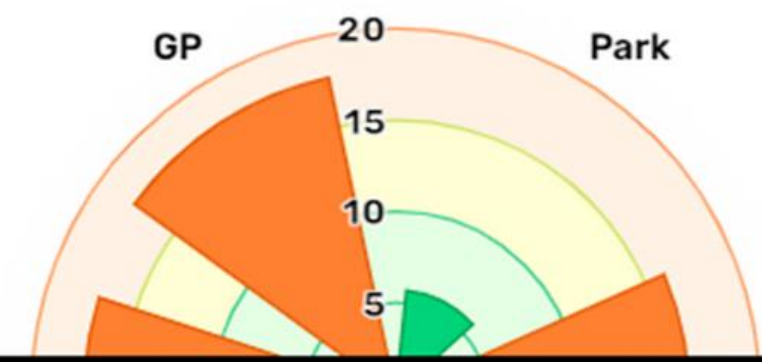
On average, for walking to all amenities, Tauranga is a **20 minute city**.

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

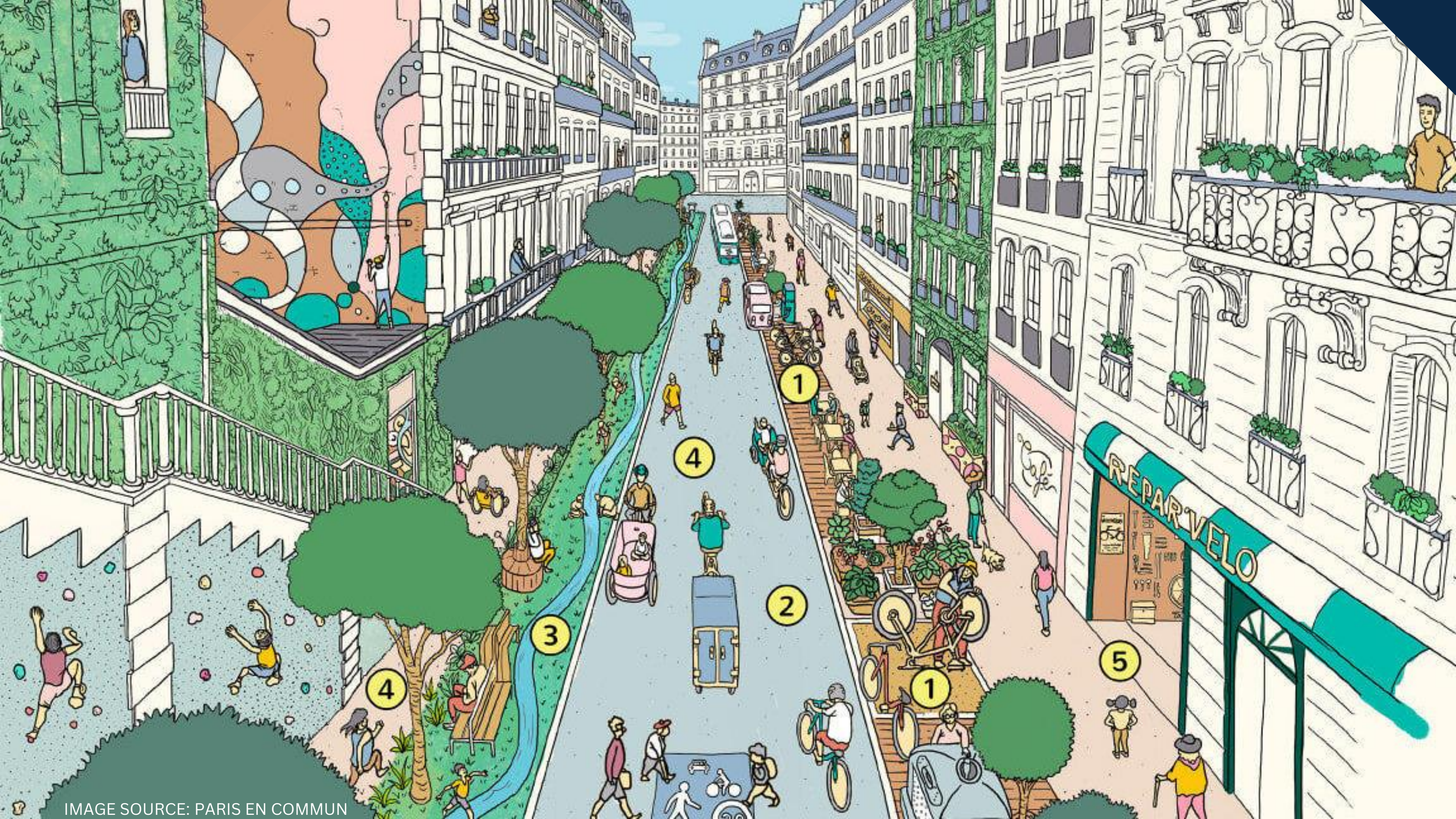


- * Will people actually walk?**
- * Acceptable travel times vary by amenity**
- * Proximity to amenities doesn't equal access**

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 & CHIPS

Coca-Cola

BREAD & CIRCUS

McIntosh
ICE CREAM

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/>



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