



How Integrated Data Can Transform Urban Mobility

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2 November, 2018
Urban Mobility India





00%

ormal



2000

Formal

20%

Low- and middle-

income countries do not have

public transit maps

(World Bank 2017)



Cities have insufficient....

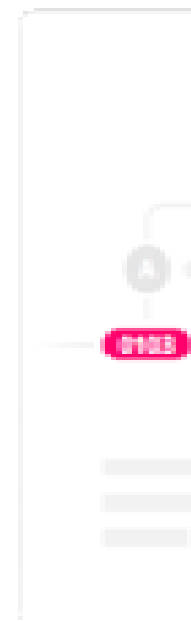
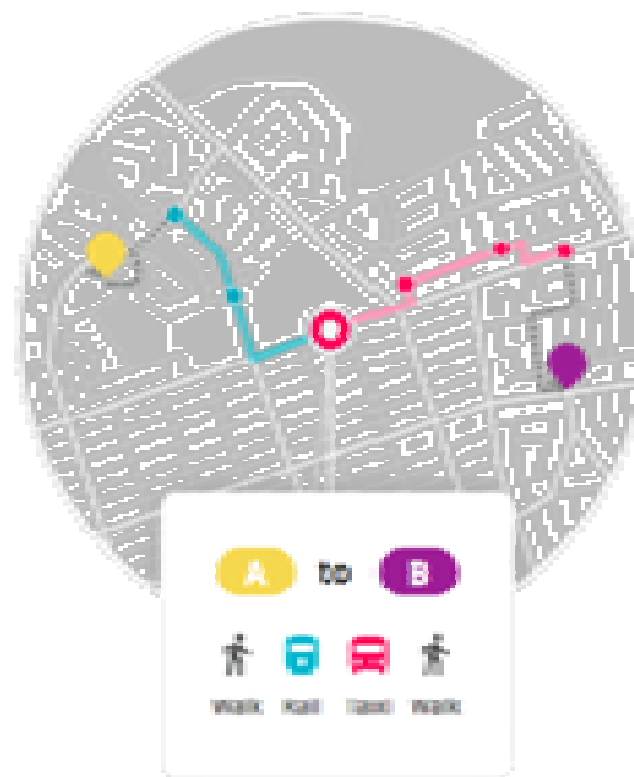
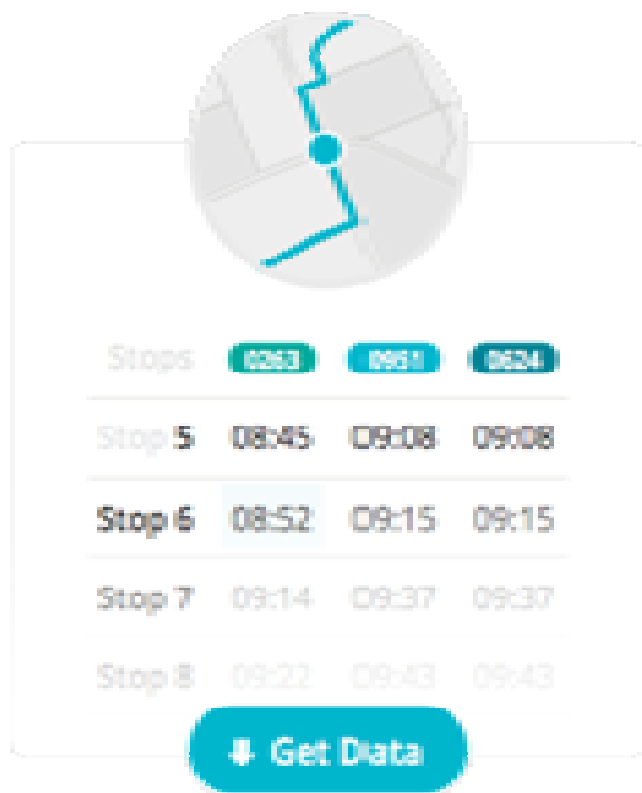
- Data on informal operations
- Analytical tools
- Expertise

They could be making billion dollar mis



Empowering people everywhere
to get where they want to go.

Empowerment + Innovation



Open Data Access

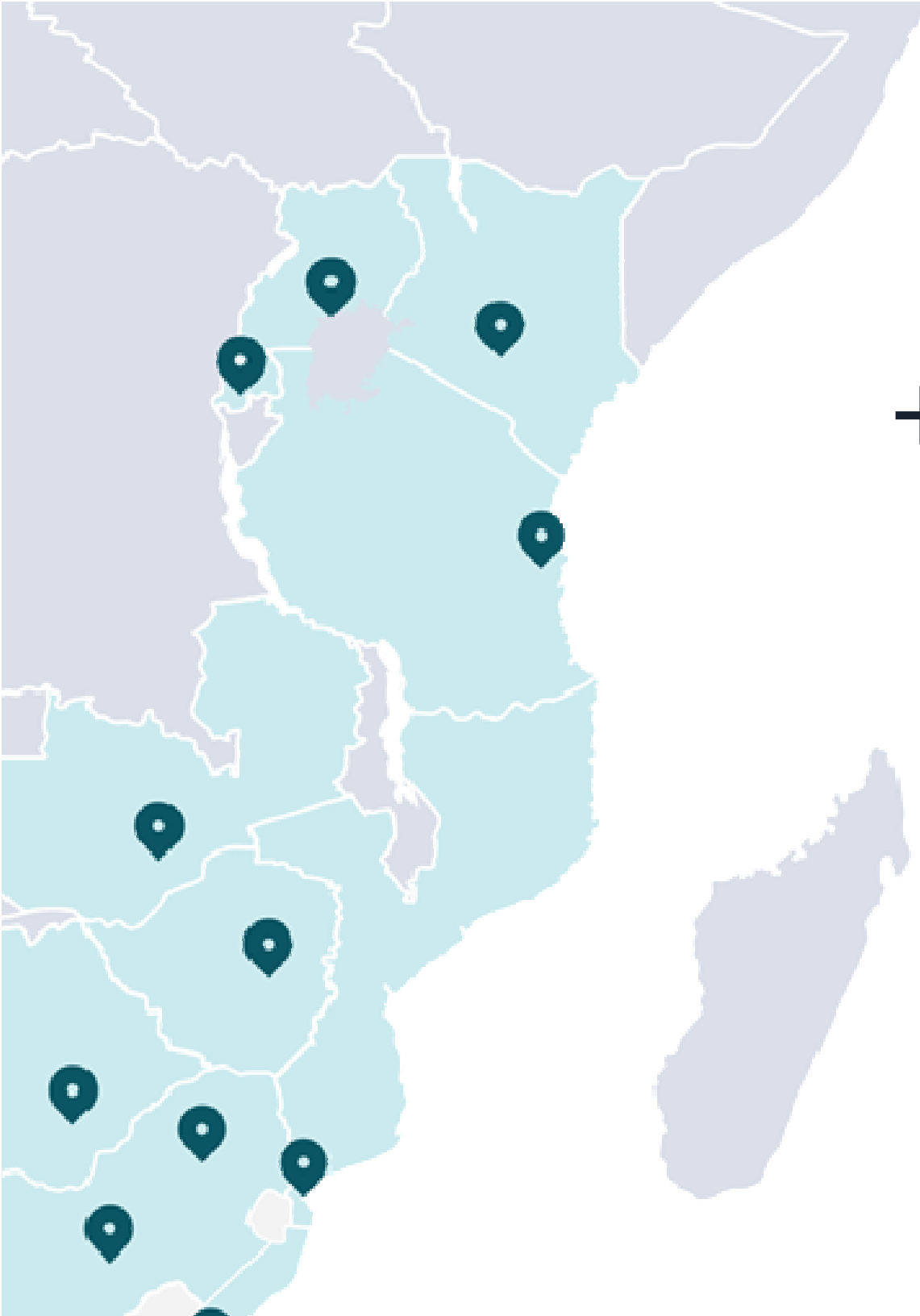
Integrated Transport Data Platform (API)

Tools

Trip Planner API, collection and validation tools

E

Adv
Ca



WE STARTED IN A

+100,000km

18 cities

+10M

C
M

IN
C

D
IN



Organised by



Transformative





Ho Chi Minh City, Vietnam

Mexico



TRAVEL
ESSENTIAL SERVICES

Advertisement billboard featuring a group of people.

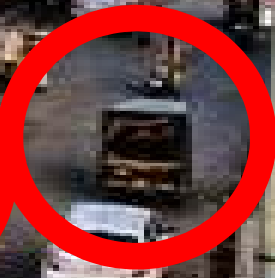
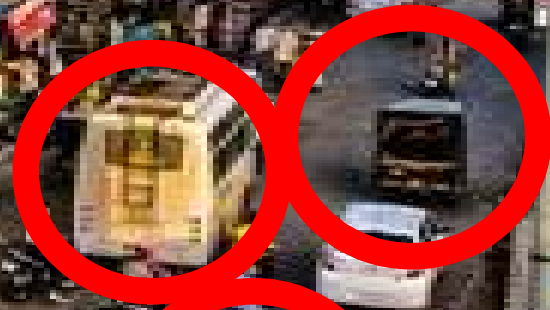
SCHOOL INFORMATION

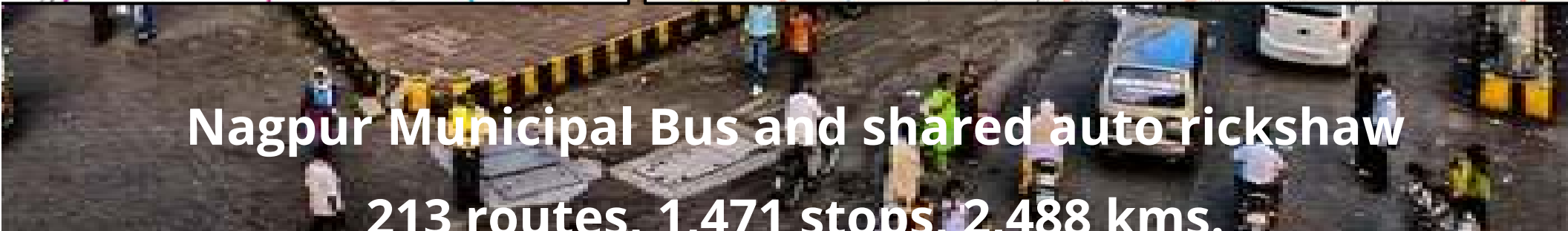
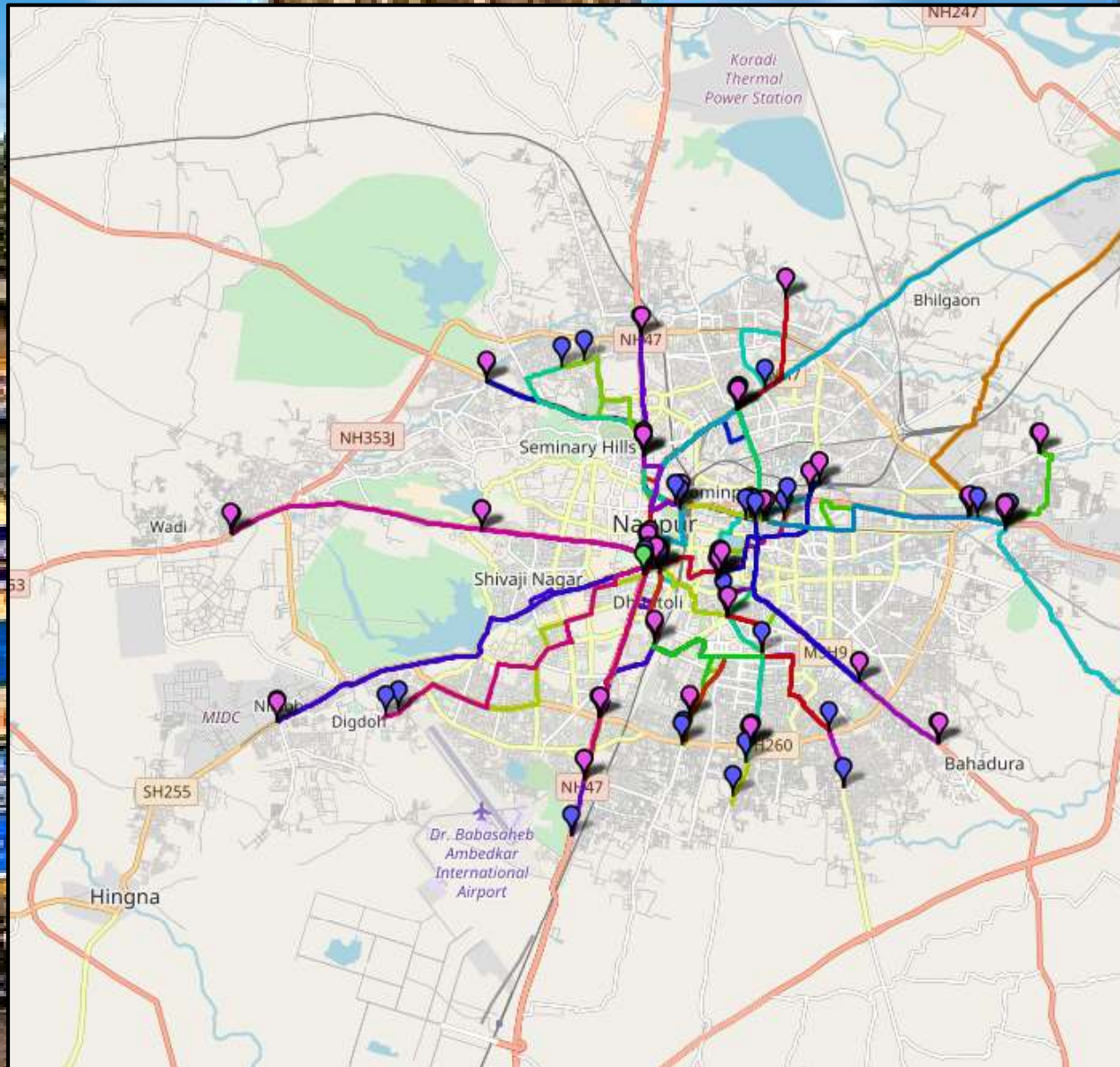
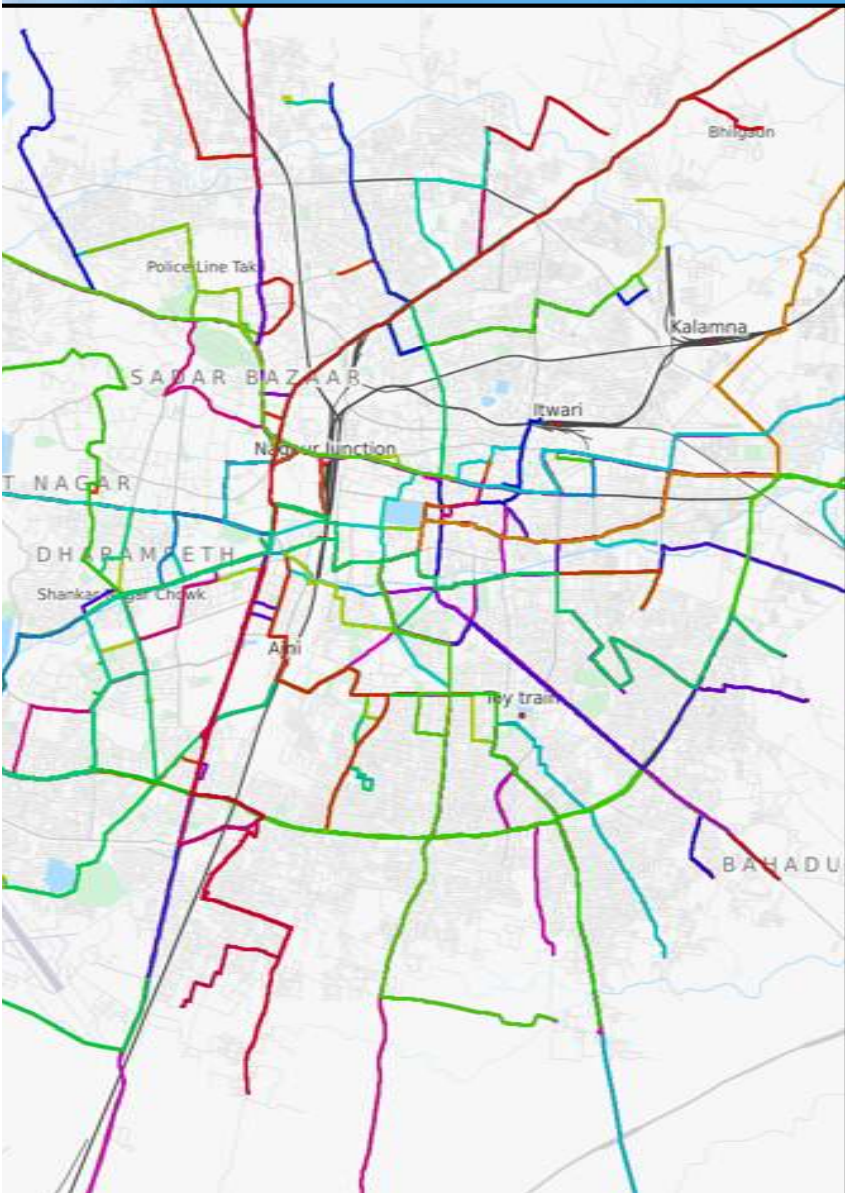
100 years
1511-2011

CROCKERY

ODINUS

M.S. PANDE & SONS





**Nagpur Municipal Bus and shared auto rickshaw
213 routes, 1,471 stops, 2,488 kms.**

A grayscale photograph of a modern transit station. The scene is viewed from a low angle, looking down a wide, paved walkway. On the right, a modern bus is partially visible. In the background, a train is visible on tracks. The architecture features large, dark, rectangular columns and a high ceiling with a grid of recessed lighting. The overall atmosphere is clean, modern, and professional.

Gauteng (Johannesburg) Data Platform

Vision:

Integrated High-Quality Transit System

4.9



Population

680



Density

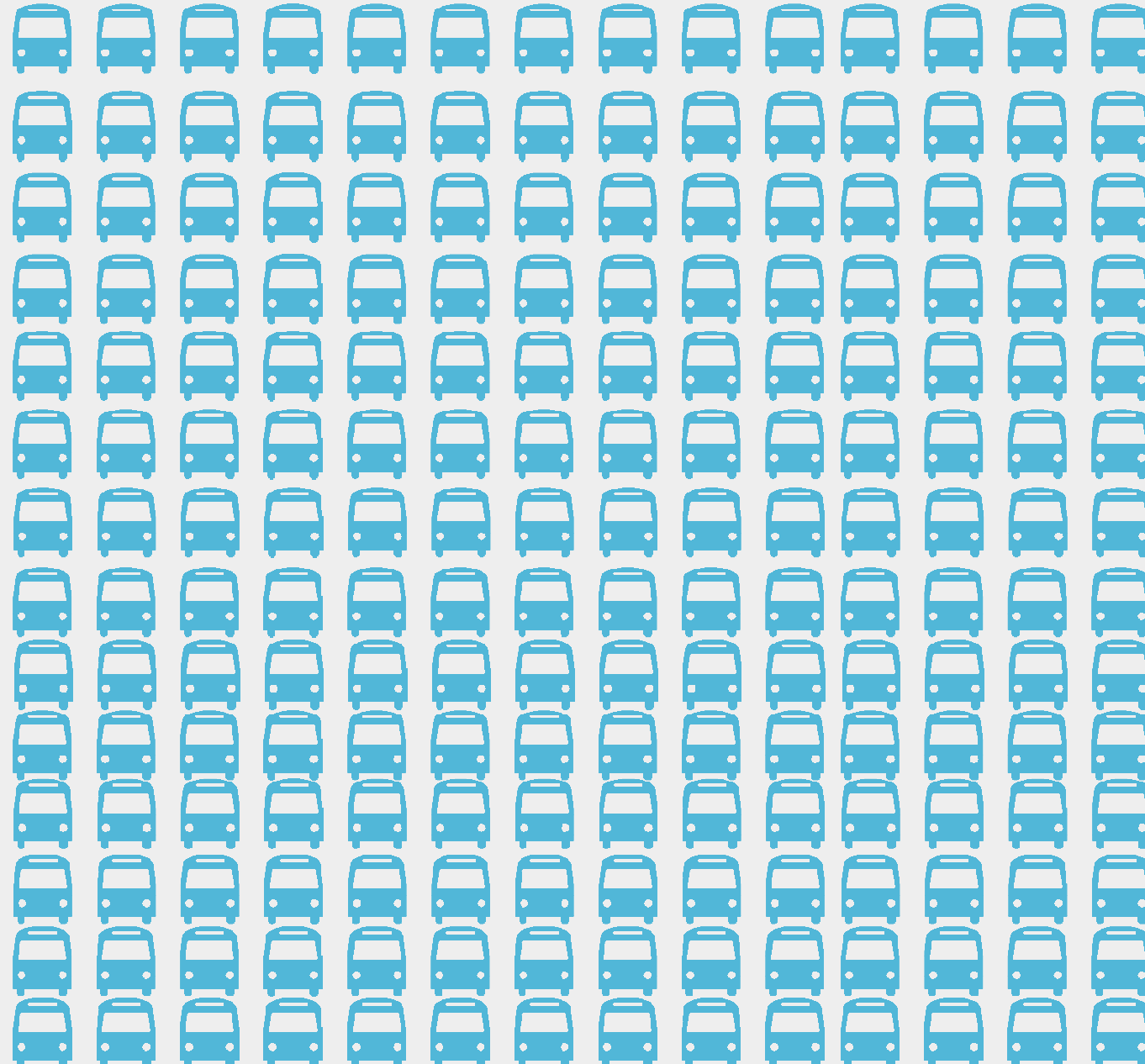
2%




Annual popula



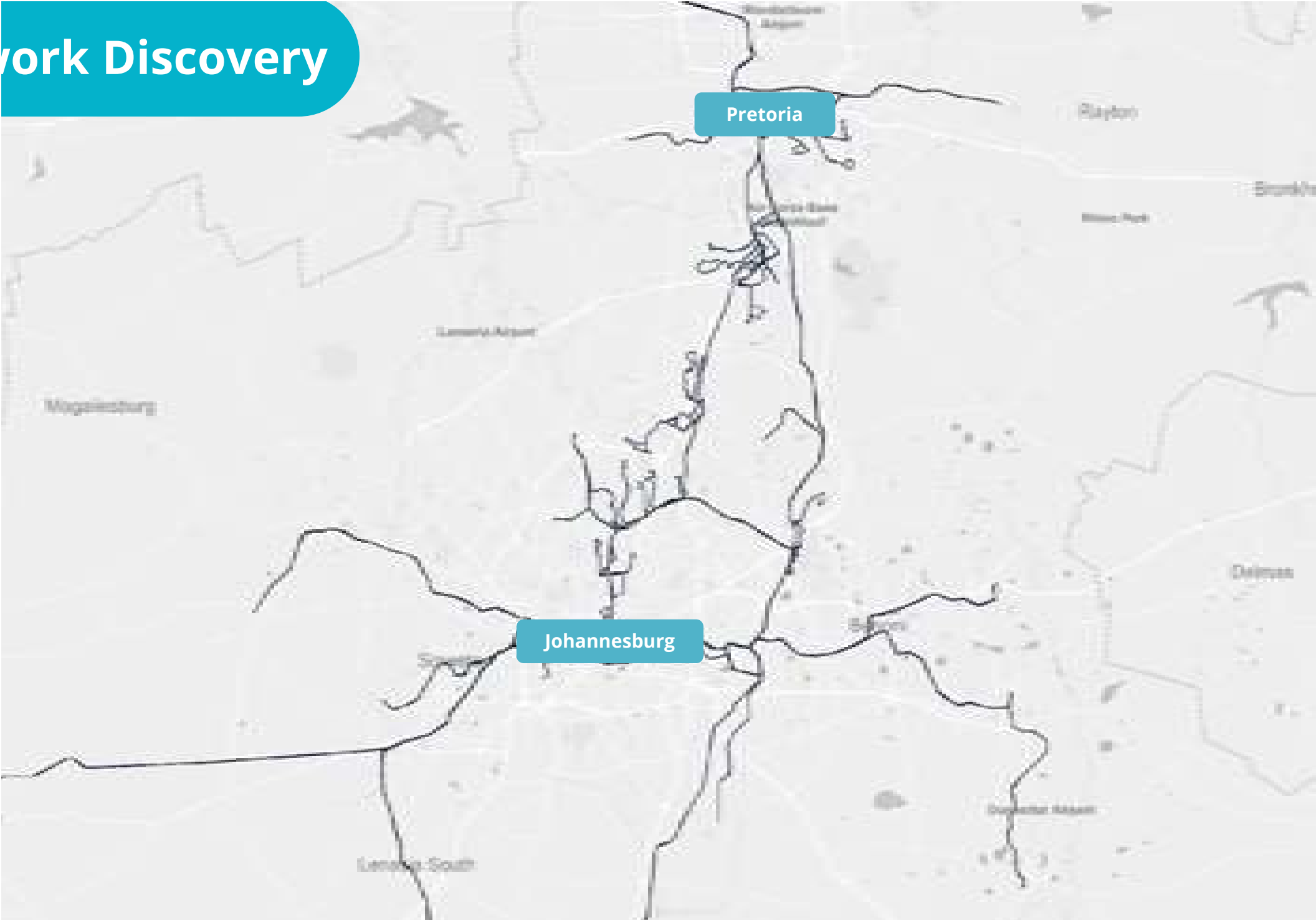
of minibus taxi owner associations



%
minibus
taxi

- 
- **Little integration** between services, modes, technology
 - **Inefficient operations**
 - **Modest understanding** of

Work Discovery



FORMAL MODES IN GAUTENG

Work Discovery



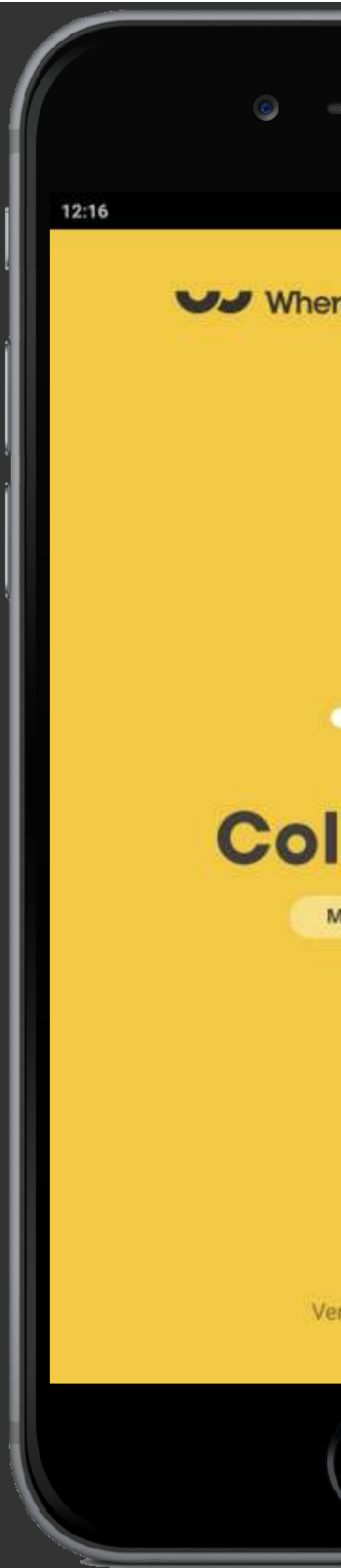
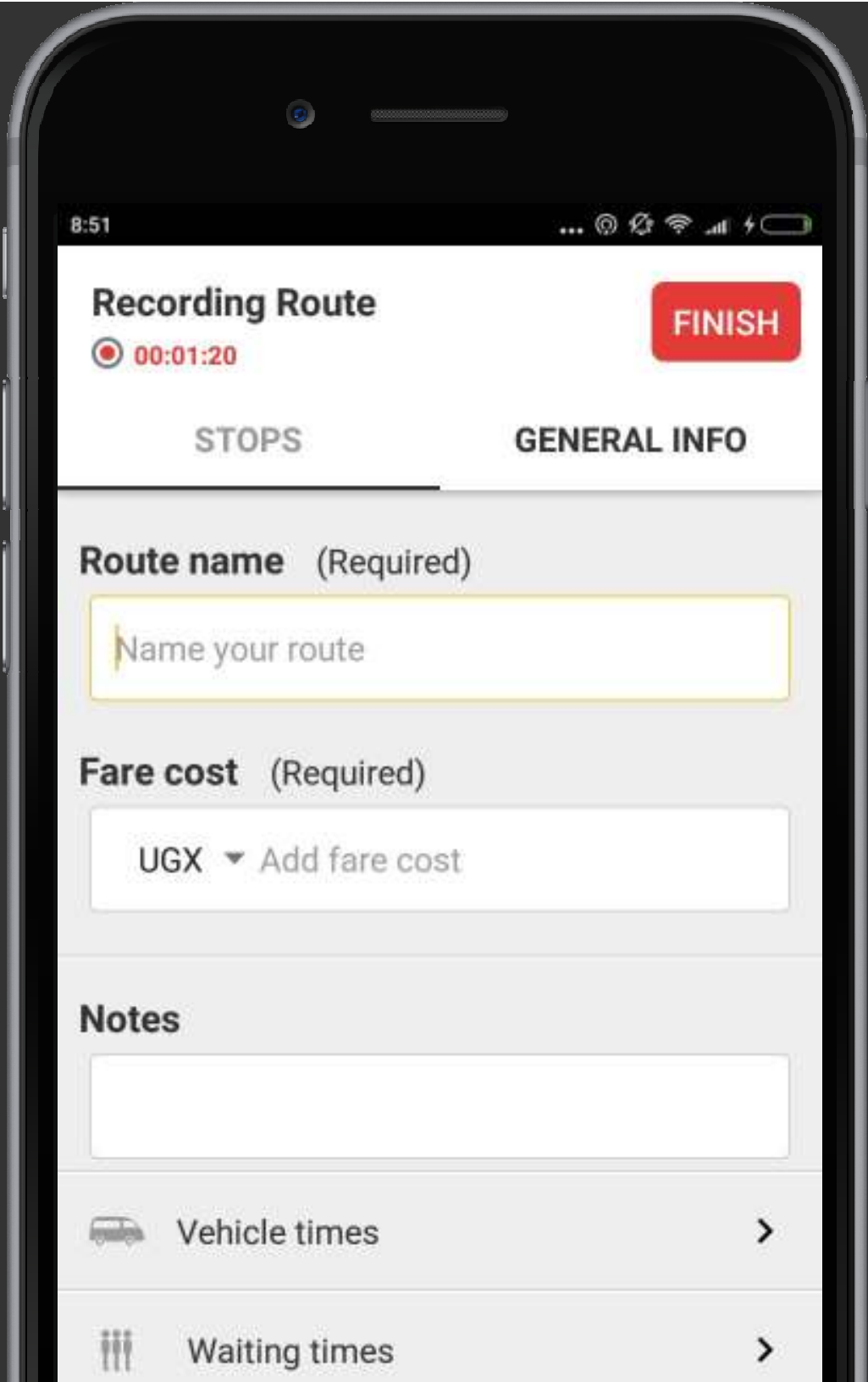
40 loca
6 week

- 48,0
- 2,18
- \$0.9

FORMAL + INFORMAL MODES IN GAUTENG

ork

ts:





GAUTENG ON THE MOVE APP

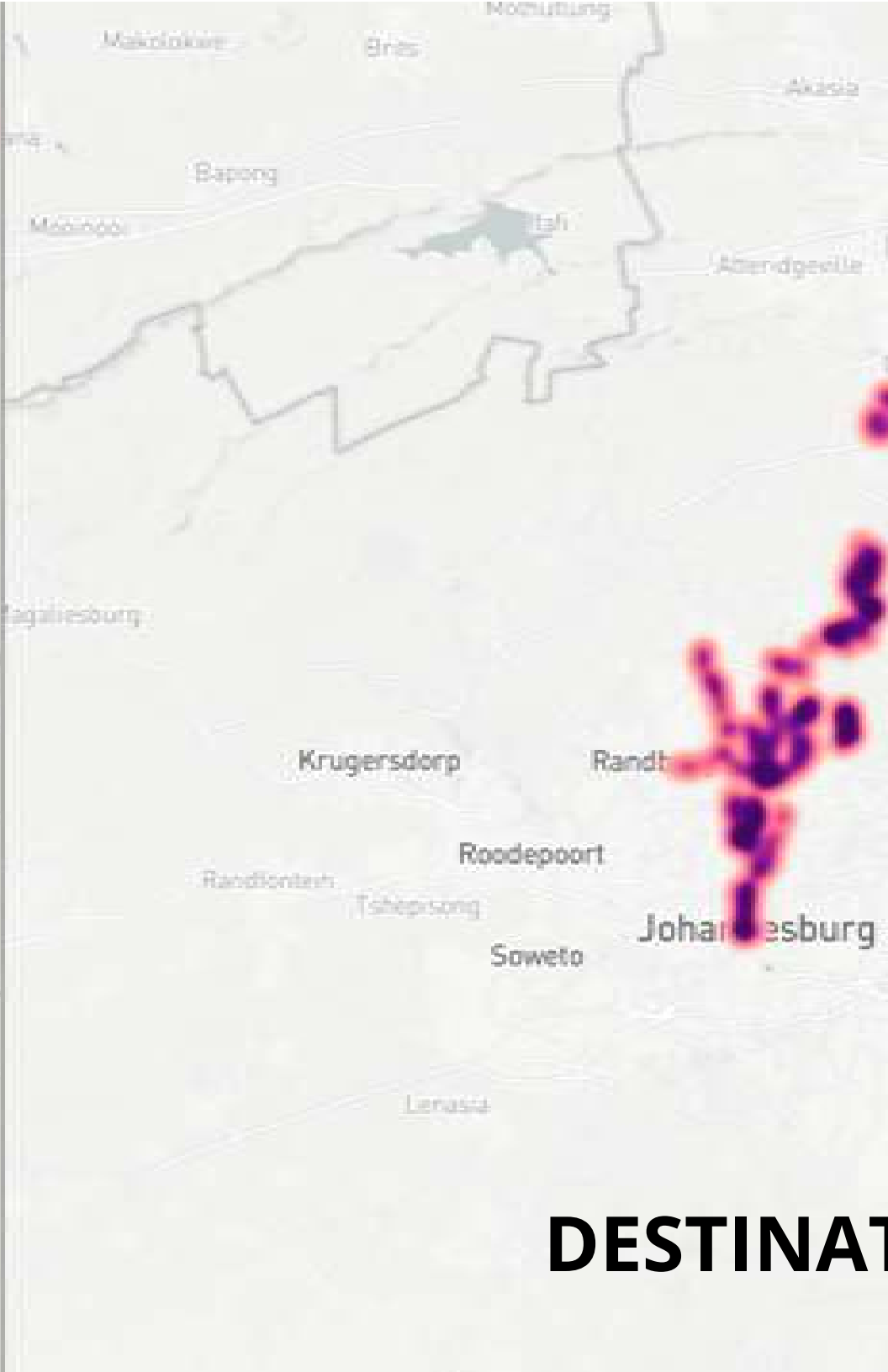
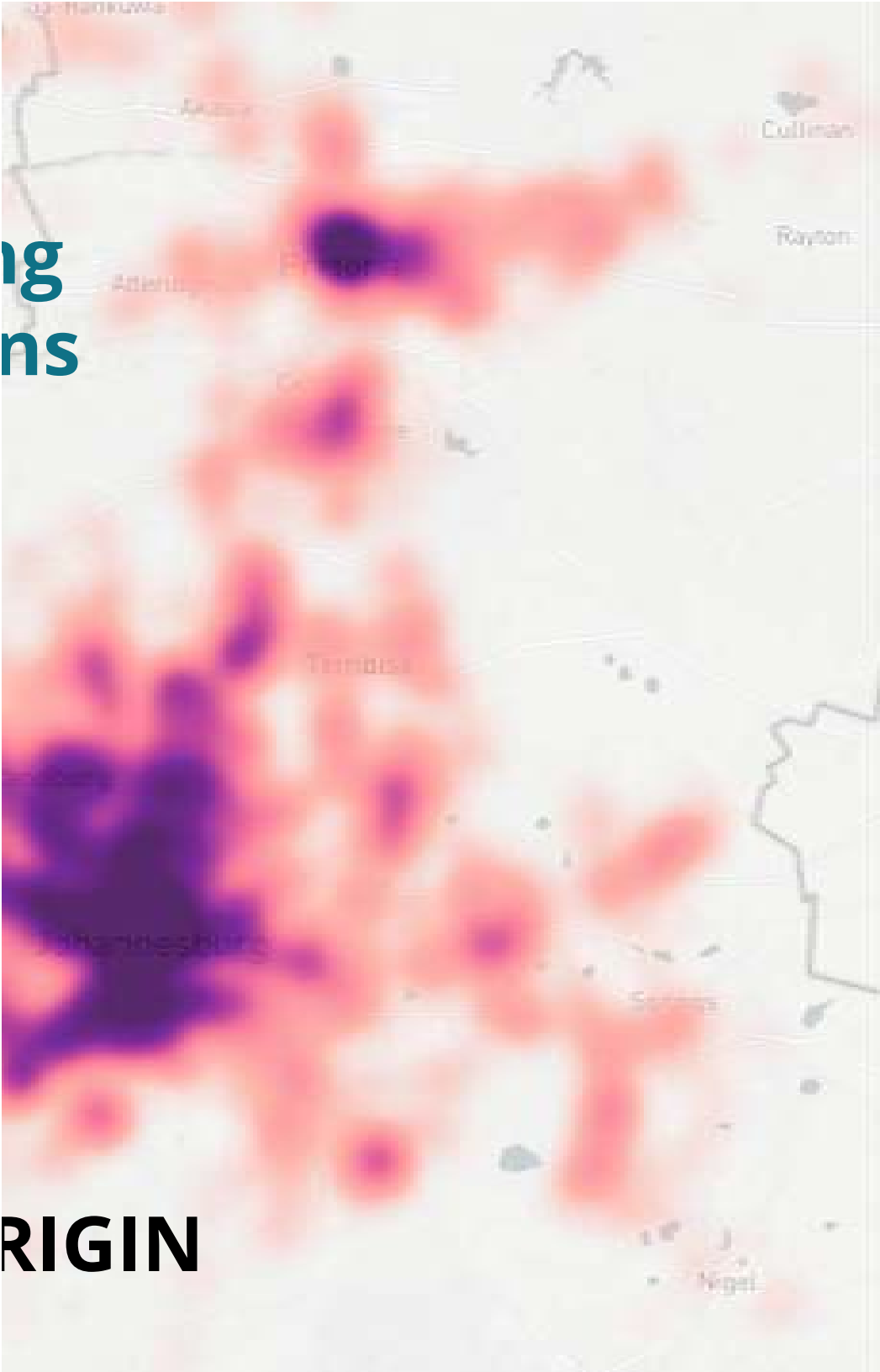
The Gauteng Department of Transport and the Gauteng Economic Development are pleased to announce the launch of On the Move, a mobile app for all public transport users.

first
journey
app

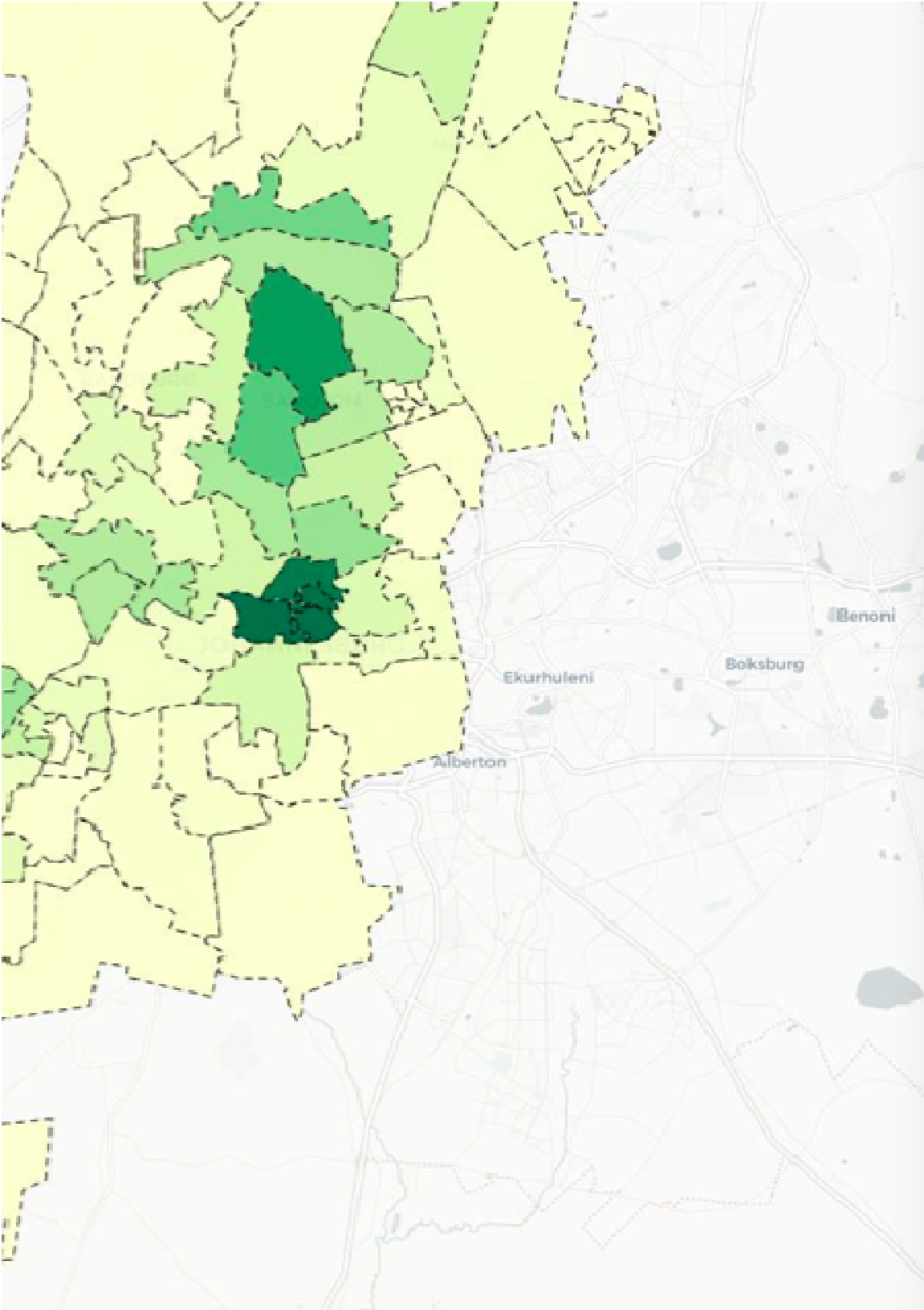


g
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ORIGIN



DESTINATION



More Equitable View of Accessibility

Accessibility:

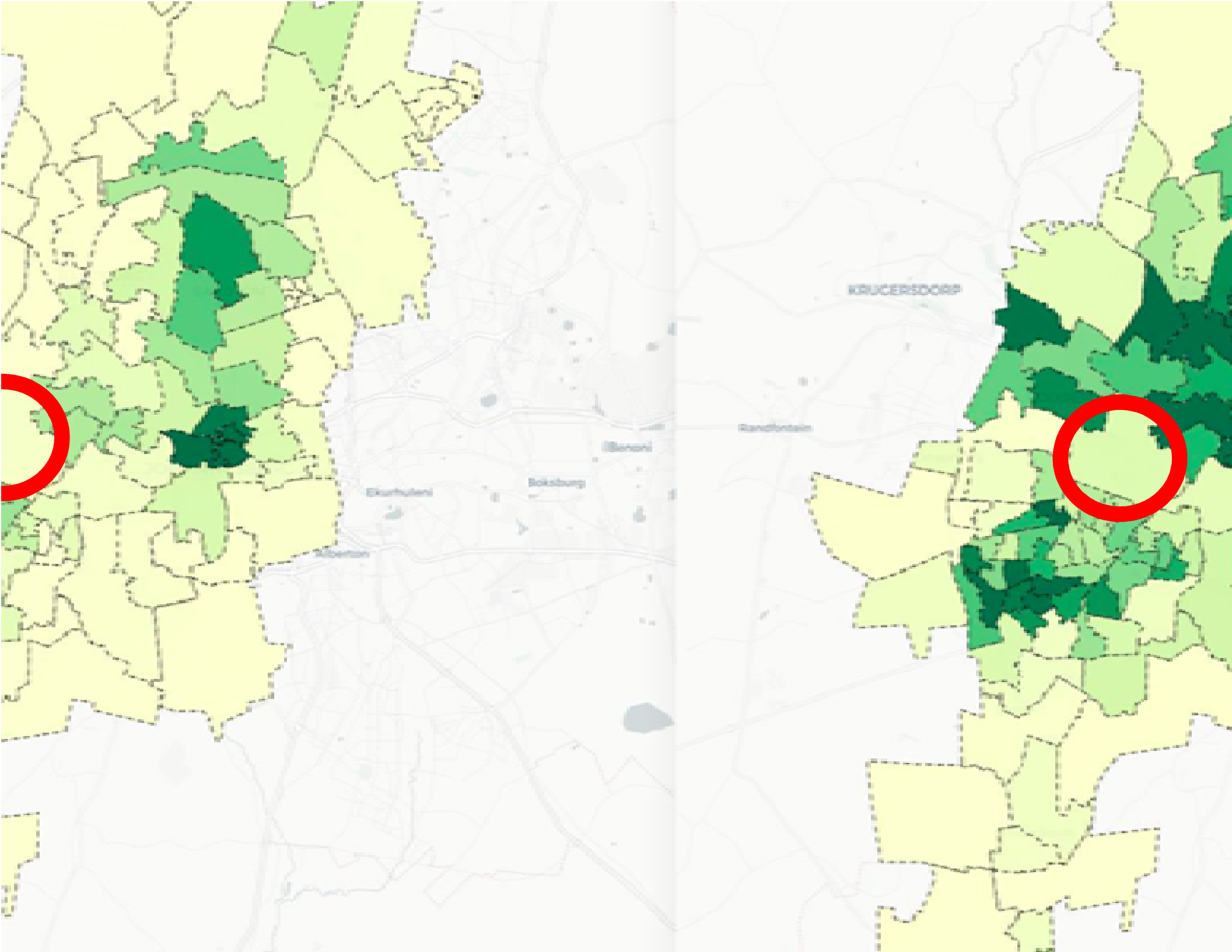
ease of reaching meaningful destinations

Affordability:

actual out-of-pocket travel costs

Safety:

risk of extended waiting times





Gauteng aims for integrated transport ticketing in

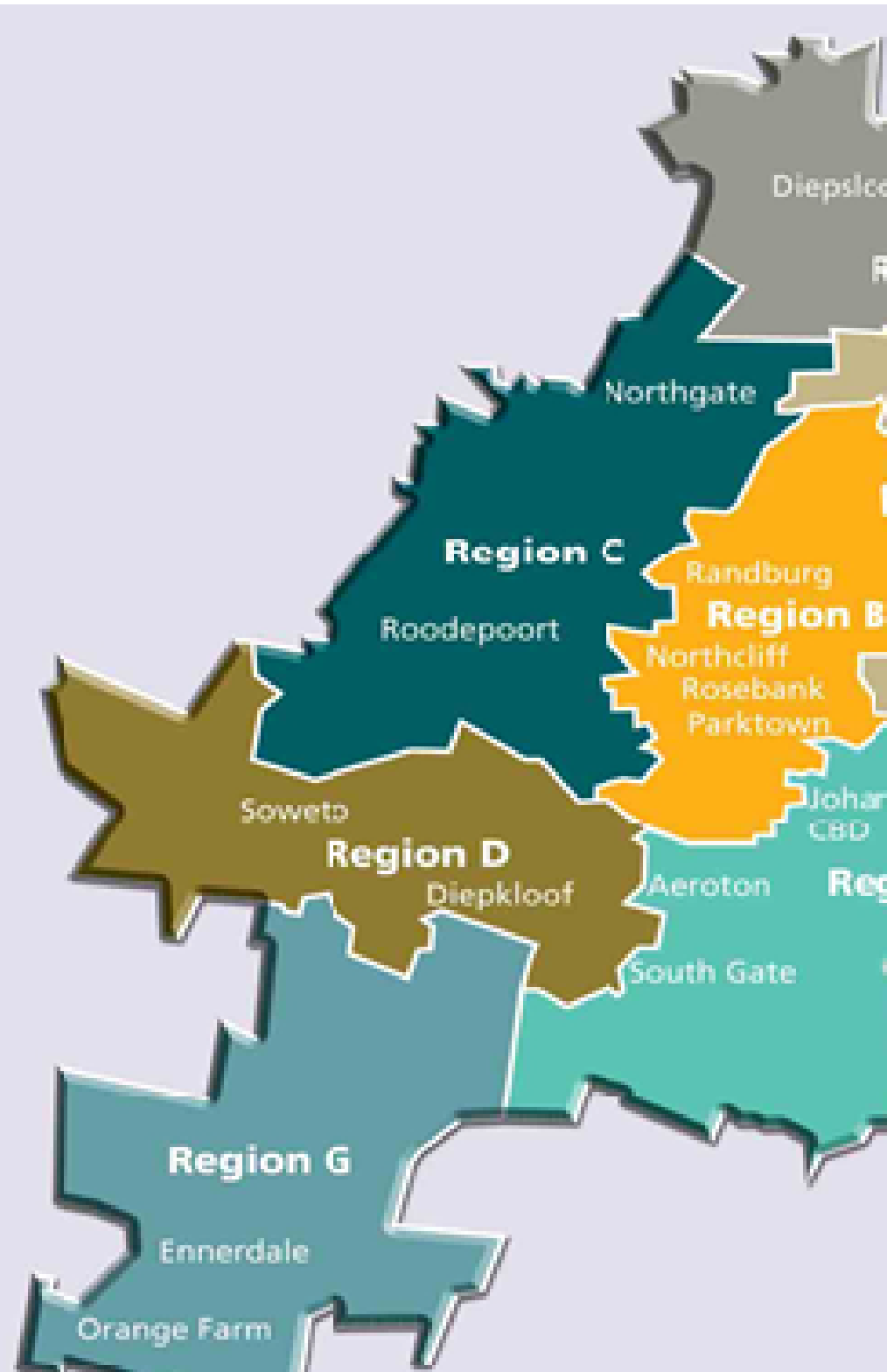
20TH JUNE 2018

BY: IRMA VENTER
CREAMER MEDIA SENIOR DEPUTY EDITOR

Gauteng commuters should be able to use one card/ticket for public transport journeys across different modes, such as rail and bus.

Management Agency
transport operators

Municipalities
Municipalities
Municipalities



begins with data!

ated Bus System

y out, regulate
rators

venue data: open,
high quality, trustworthy





Integrated Data Platform





artise

insights, workshops,
kathons

WIRED

QUARTZ

TUNE





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