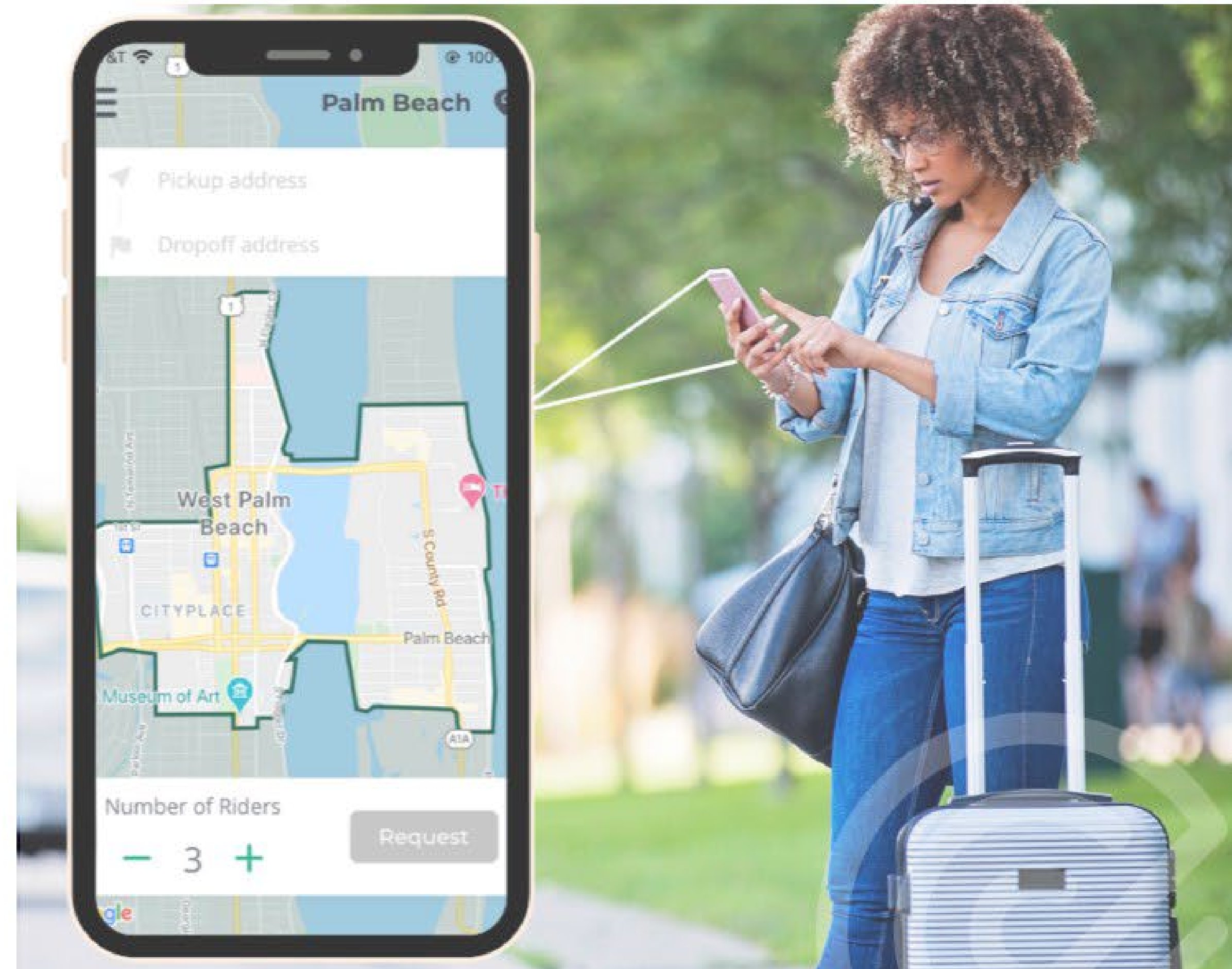# Mobility & Economic Development Panel

Last-mile Solutions
That Change How Cities Move

Circuit Transit Inc. 2022

Transforming short distance transportation with **tech-enabled, shared, EV mobility solutions.**

Traffic is harming our communities, environment and quality of life

62% **of GHG emissions**

produced by cities, mainly due to the transportation sector (UN)

56h **average time**

US commuters spend in traffic/year (CNN)
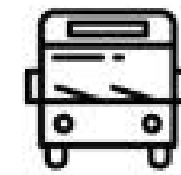
$305bn/year US

cost of congestion (INRI) as cities grow faster than their infrastructure

Short Distance Trips are a Big Problem

TNCs (Uber & Lyft)
160% increase in urban traffic (Schaller)
40% increase in costs YOY (NYTimes)

Antiquated Local Transit
Declining bus ridership since 2013 (NYTimes)
Indirect for Riders, Expensive for Providers

1/3 of all vehicle trips (**150bn/yr**)
in the US are 2 miles or less (USDOT)

Last-mile deliveries
53% of delivery cost is the last mile
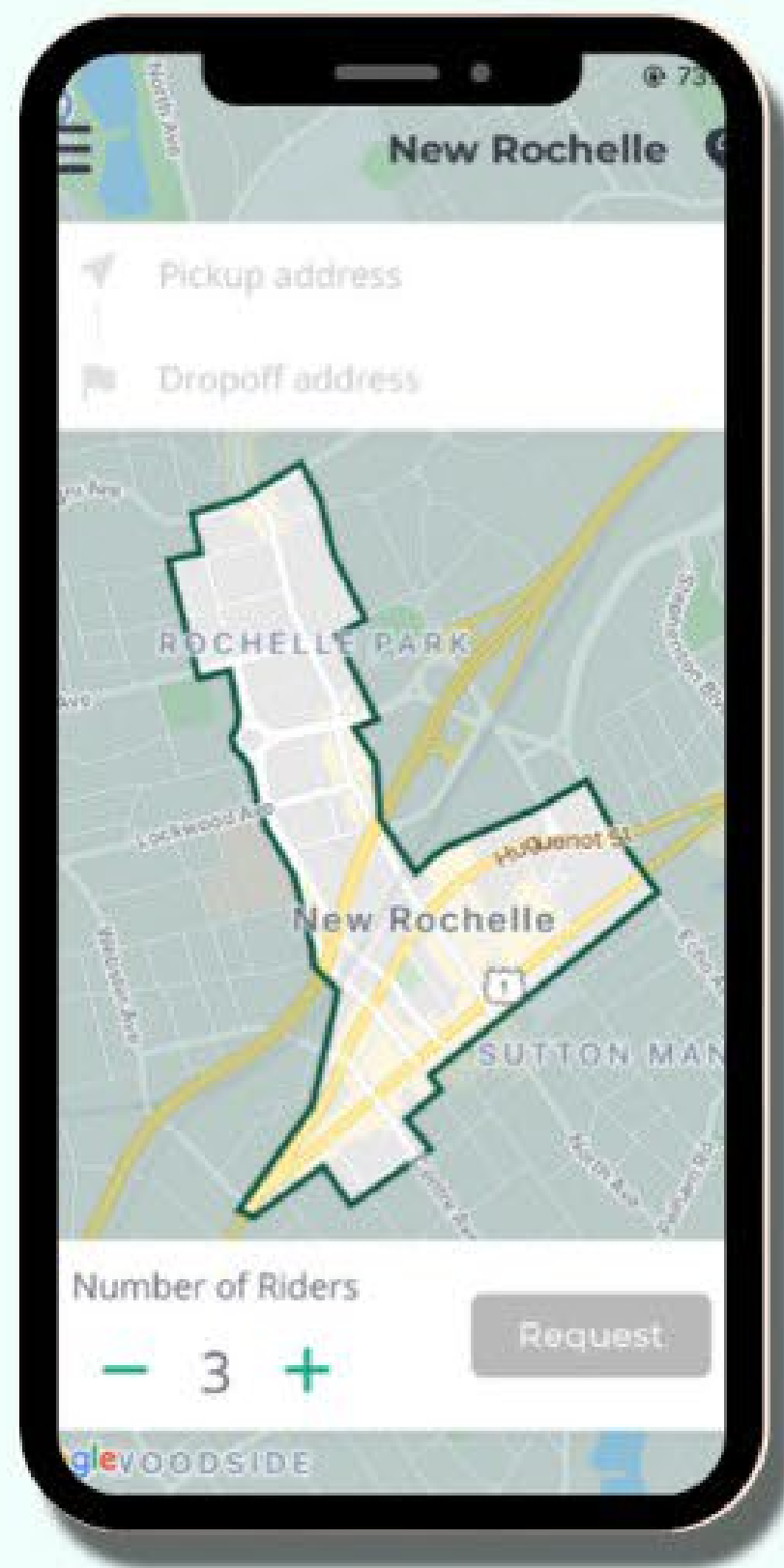Increasing Traffic and Pollution (BI)

Personal cars
76% of americans still drive
themselves to work (Citylab)

Helping to solve **the last-mile problem**
that's driving the urban transportation crisis

We work with cities and private companies to build and deploy on-demand, electric shuttle solutions.

Shared, On-Demand Shuttle Services

- Shared rides in geo-fenced coverage areas
- On-demand ux with quality control, jobs, traffic reduction

Turnkey Solutions for B2B & B2G Partners

- App, Vehicles, W2 Drivers, Insurance, Management and Data
- Solutions deployed in 60 days or less

Greener, Cheaper, Easier

- 100% Electric
- 5X less to operate than buses or TNCs
- Accessible and Free/Low Cost for riders

The First/Last Mile
Balancing Rider Preferences with City Needs

✓ **CONNECT & COMPLEMENT**
Rides to Trains and Bus Lines
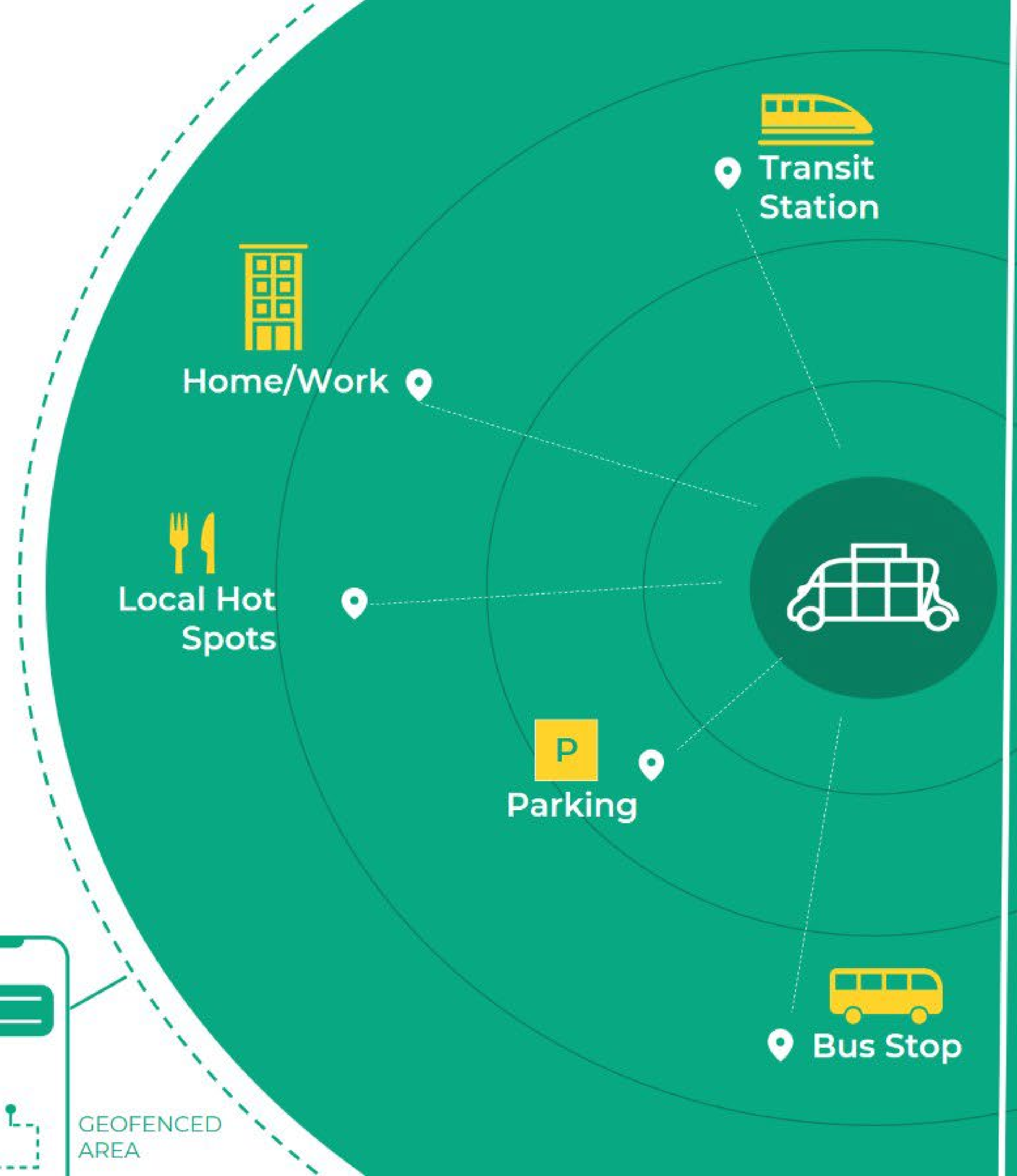
✓ **SHARED RIDES**
On-Demand with Less VMTs

✓ **PARK ONCE**
30% of Urban Traffic caused by looking for parking.
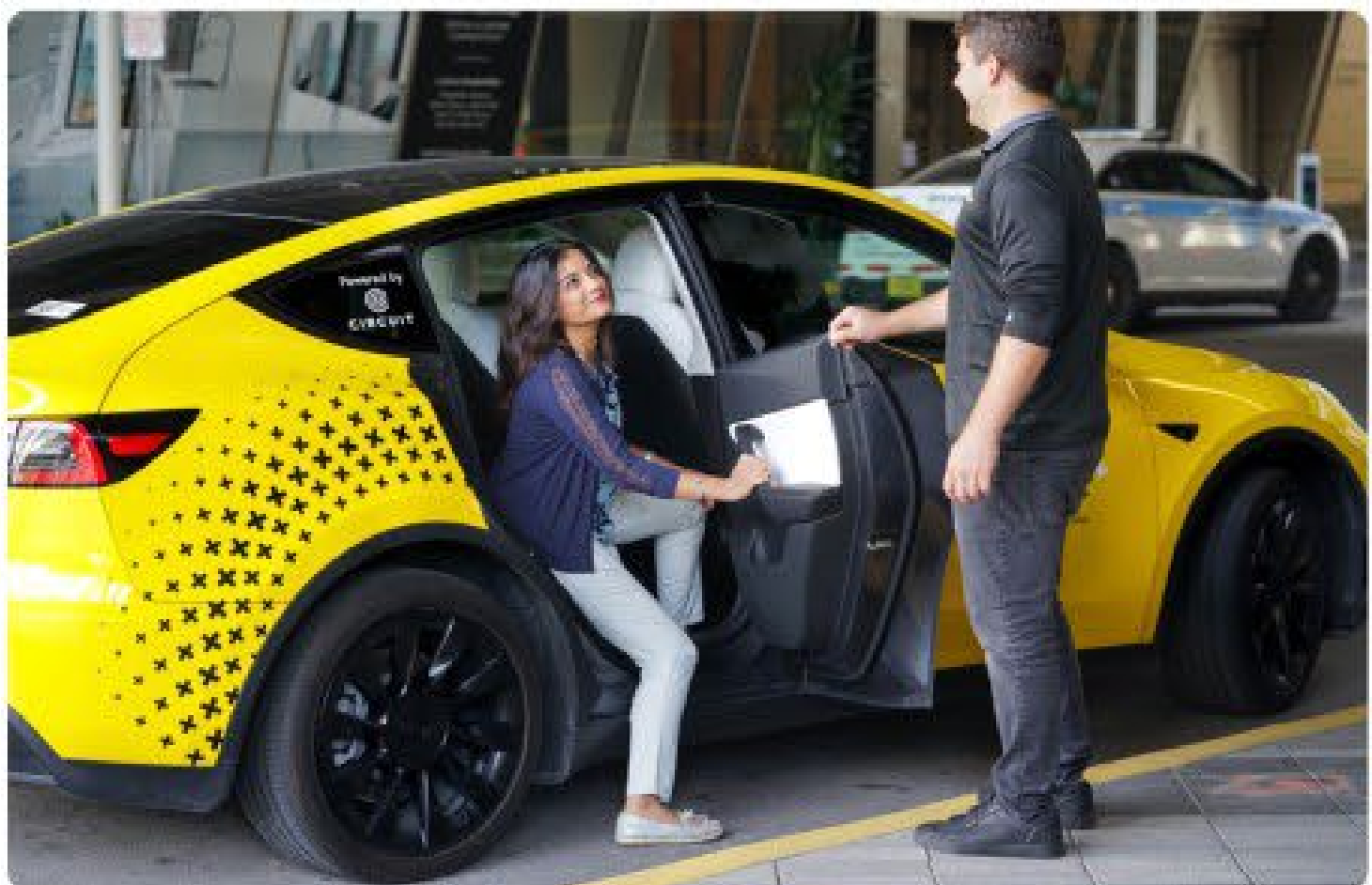
✓ **SUSTAINABILITY**
100% Electric

Transit Station

Home/Work

Local Hot Spots

Parking

Bus Stop

GEOFENCED AREA

Cities, Agencies, Private Partners
PPP Service Contracts

SOUTH FLORIDA
SunSentinel

They're like Uber but free: New electric shuttles popping up all over South Florida

CBS THIS MORNING SATURDAY — SMART CITIES — HOW DATA & TECHNOLOGY ARE BEING USED TO IMPROVE PUBLIC LIFE

Subsidized by Advertising Partners
Brand Engagement + Outdoor Media

Engaging Riders

Capturing Rider Experience

Reducing Program Costs

Outdoor Media, Experiential,
Digital Marketing

**Supporting Local
Businesses**
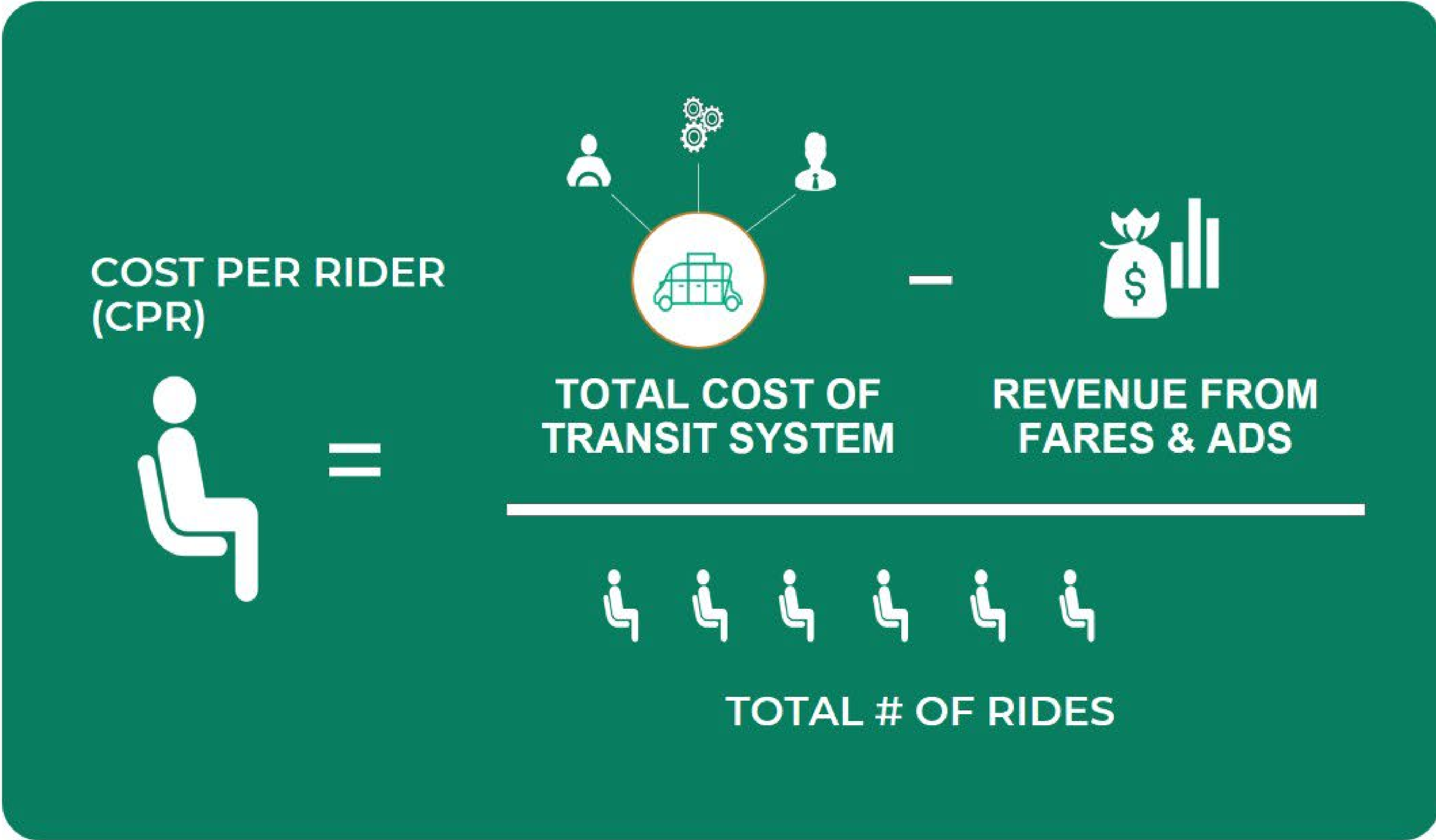
Using App Data to Drive Returns

People Like Options
Many Ways to Move 2 Miles

More Riders, Lower Costs

Increase Ridership, Reduce Cost Per Rider

Market Highlights

HOLLYWOOD BEACH

- 15k riders/month
- 30% Savings / 80% CPR Savings
- Over 1500 Grocery Boxes delivered during Covid

POMPANO BEACH

- 2000+ riders/car/Month
- $2.28 Cost Per Rider (all In)
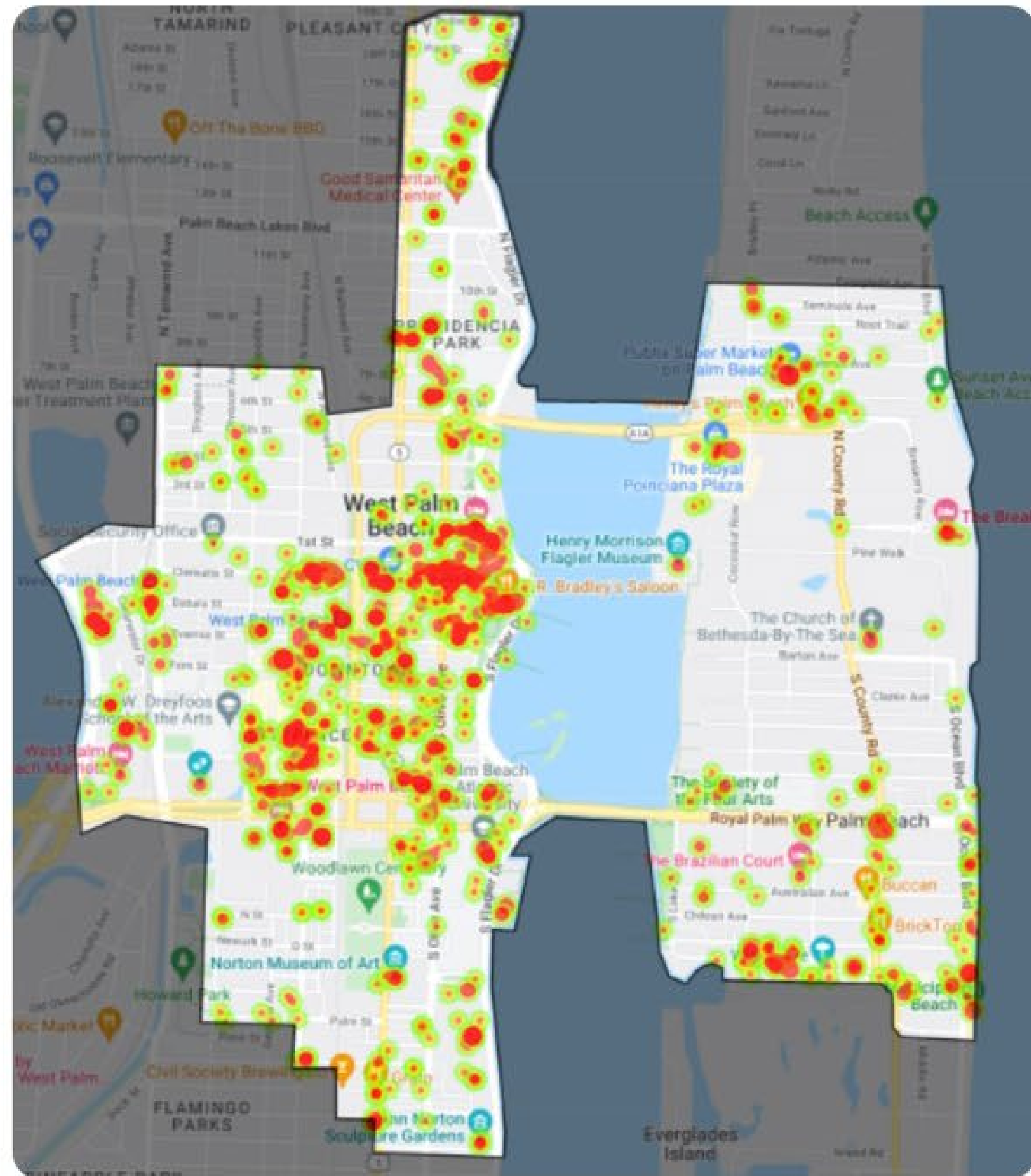- Lowest CPR of any known on-demand system in US

Market Highlights

WEST PALM BEACH

3 DDA Cars	On-Demand
7 Days/Week	$0 Fare

Highlights

- Over 5900 Riders in Feb '22
- Ridership growing 15% +/month in 2022 after 300% increase in '21
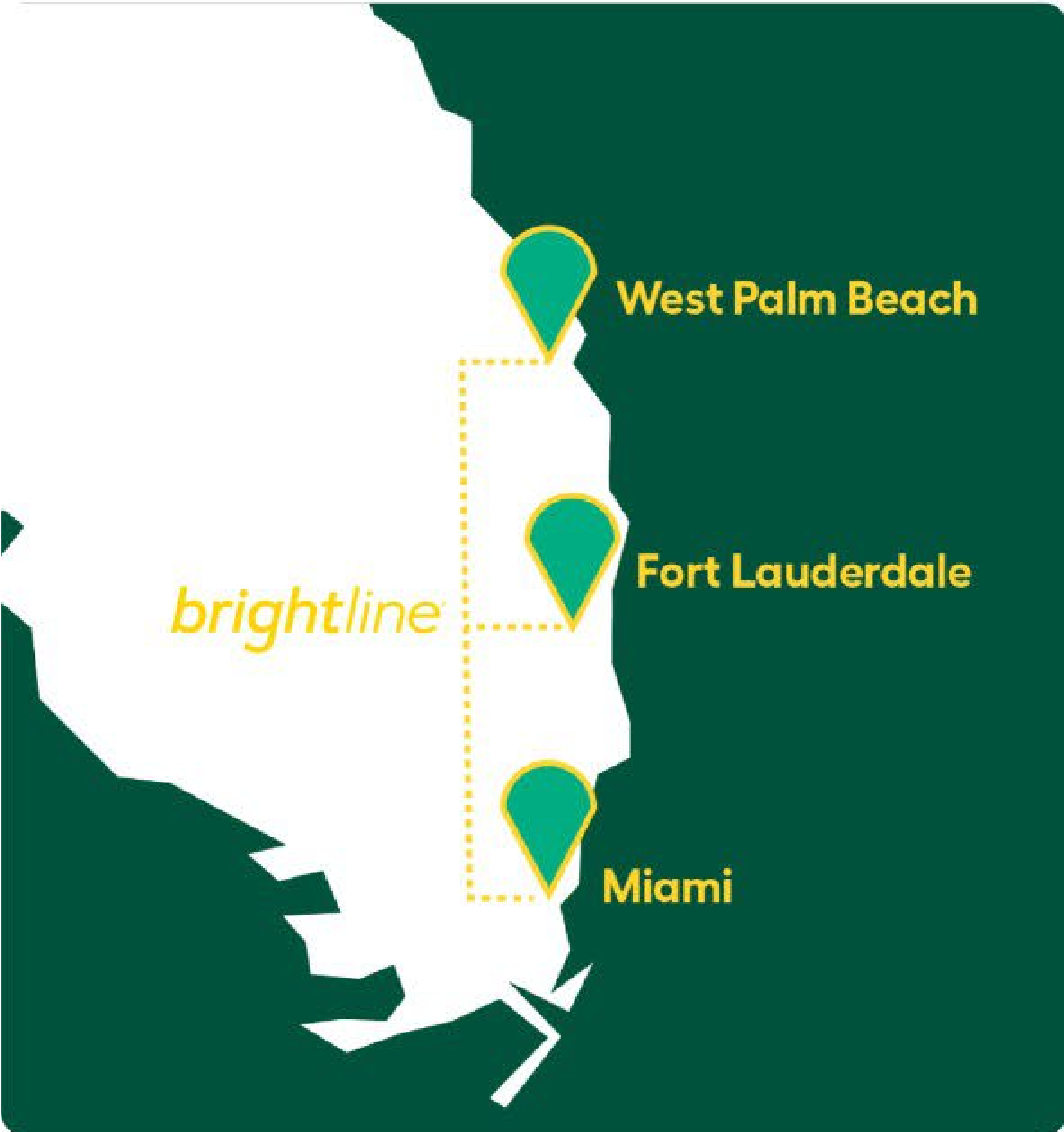- W2 Local Employees

Connecting the Region
with Brightline+

BRIGHTLINE+

- Miami, Ft Lauderdale, West Palm Beach
- GEMs, Teslas, Vans
- End-to-End Customer Experience
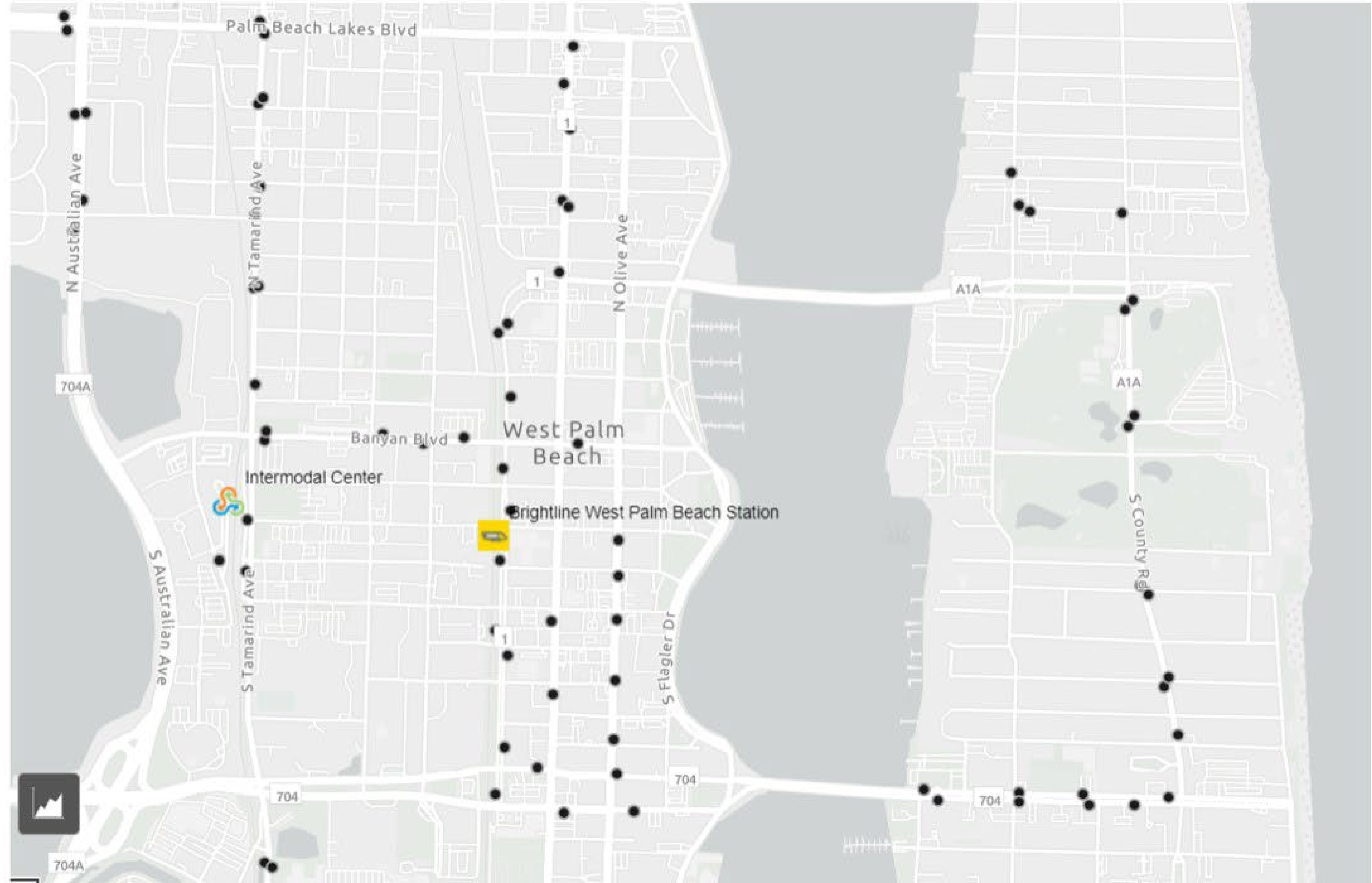- Riders / Car / Month

The Last-Mile "GLUE"
Bridging Gaps to Existing Transit Stops

Map Includes

- Palm Tran Bus Stops
- Brightline
- Tri-Rail

Making an Impact
For Multiple Stakeholders

The Environment

- More Rides, Less Cars
- Reducing Congestion & Emissions with shared rides
- 520 Metric Tons of CO_2 Avoided in 2021

Local Economies

- Local Job Creation
- Promoting Local Businesses
- Data for Planning
- Low-Cost Options for Cities
- For every $1 a City spends on transportation it can expect a $5 return in economic activity - APTA

Access & Mobility

- Connections for commuters, LMI neighborhoods.
- ADA options available
- Access for unbanked users
- Reducing transit deserts, commuting costs and times

Thank You!

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www.ridecircuit.com