





# **A Futurist Lens into Alberta**

**HOW GROWTH WILL RESHAPE  
THE PROVINCE**

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# Imagine Alberta in 2050



Advancing tech  
+ infrastructure



Seismic  
generational  
shifts



Policy +  
economic drivers



# Regional rail





# Red Deer growth





# Banff tourism





# Drone delivery





# Autonomous vehicles





# Autonomous ride sharing





# Evolving public transit

## **Mobility hubs** unlock regional connectivity

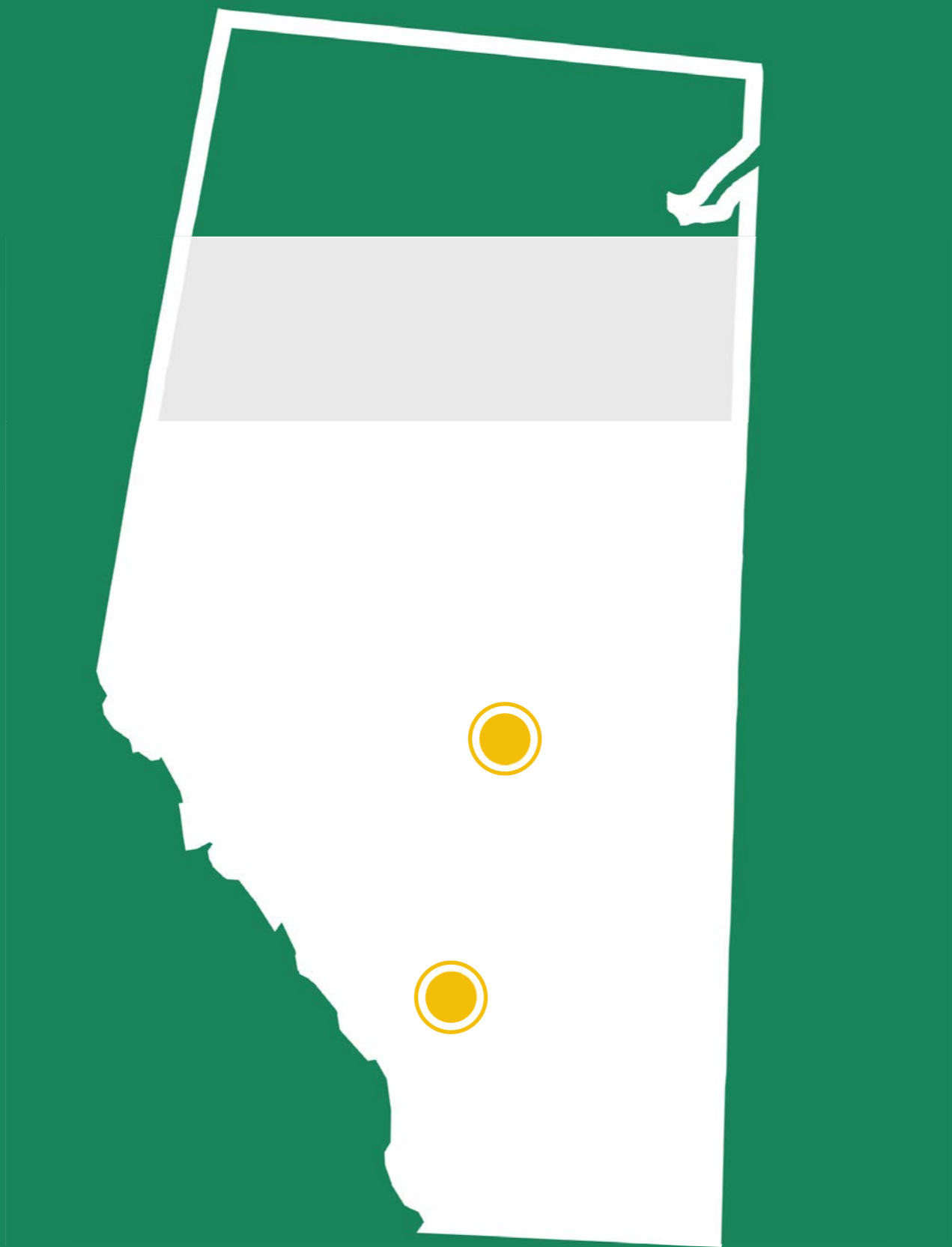
- 1** Multi-modal connections
- 2** Route choices + optimization
- 3** UX tech simplifying trips across modes
- 4** Amenitized to attract transit ridership





NEW, CONCENTRATED GROWTH

# Population + density



## *Population: Alberta*

2025	2050
<b>4.8M</b>	<b>7.5M</b>

## *% In Calgary and Edmonton*

2025	2050
<b>67%</b>	<b>82%</b>



2025

CHANGING OF THE  
GUARD

A CHANGING WORKFORCE

# Generational shifts

2% Silent Generation

25% Baby Boomers

33% Gen X

35% Millennials

5% Gen Z

*Baby Boomers  
largely retire  
by 2030*

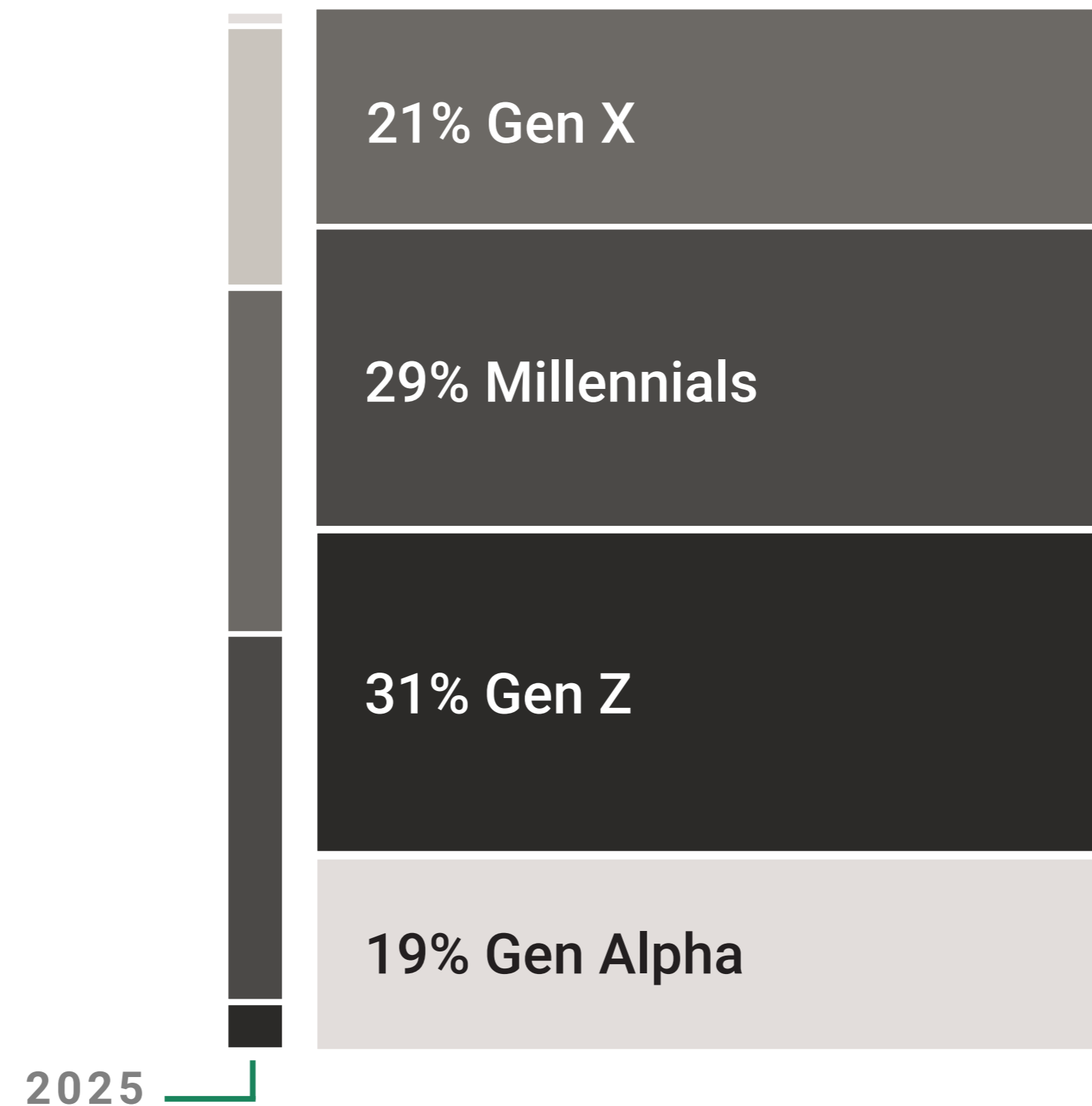


2035

NEW IDEAS  
+ IDEALS

A CHANGING WORKFORCE

# Generational shifts



*New leaders  
challenge the  
structures of today*

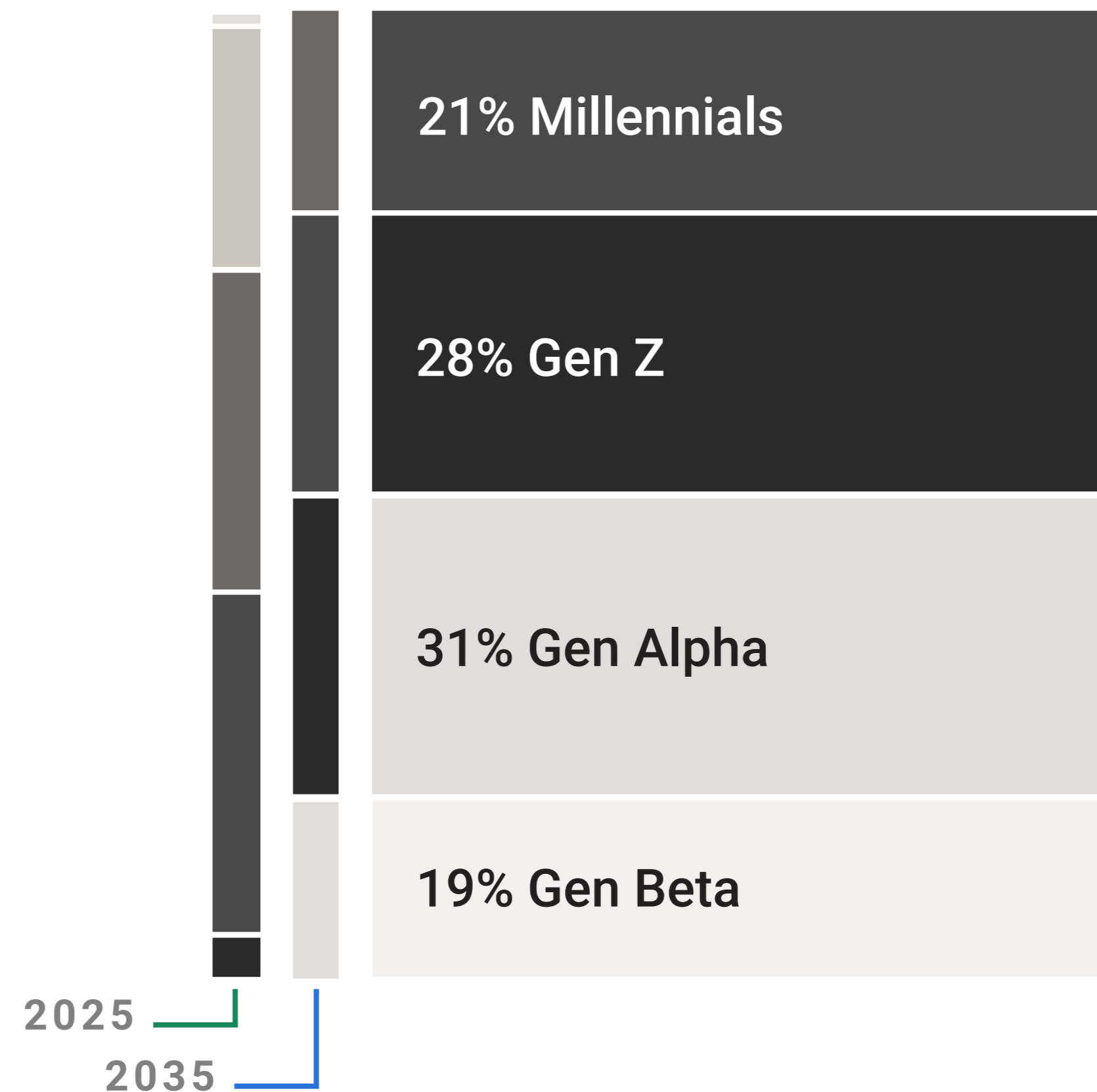


2050

TECH-RAISED  
LEADERS

A CHANGING WORKFORCE

# Generational shifts

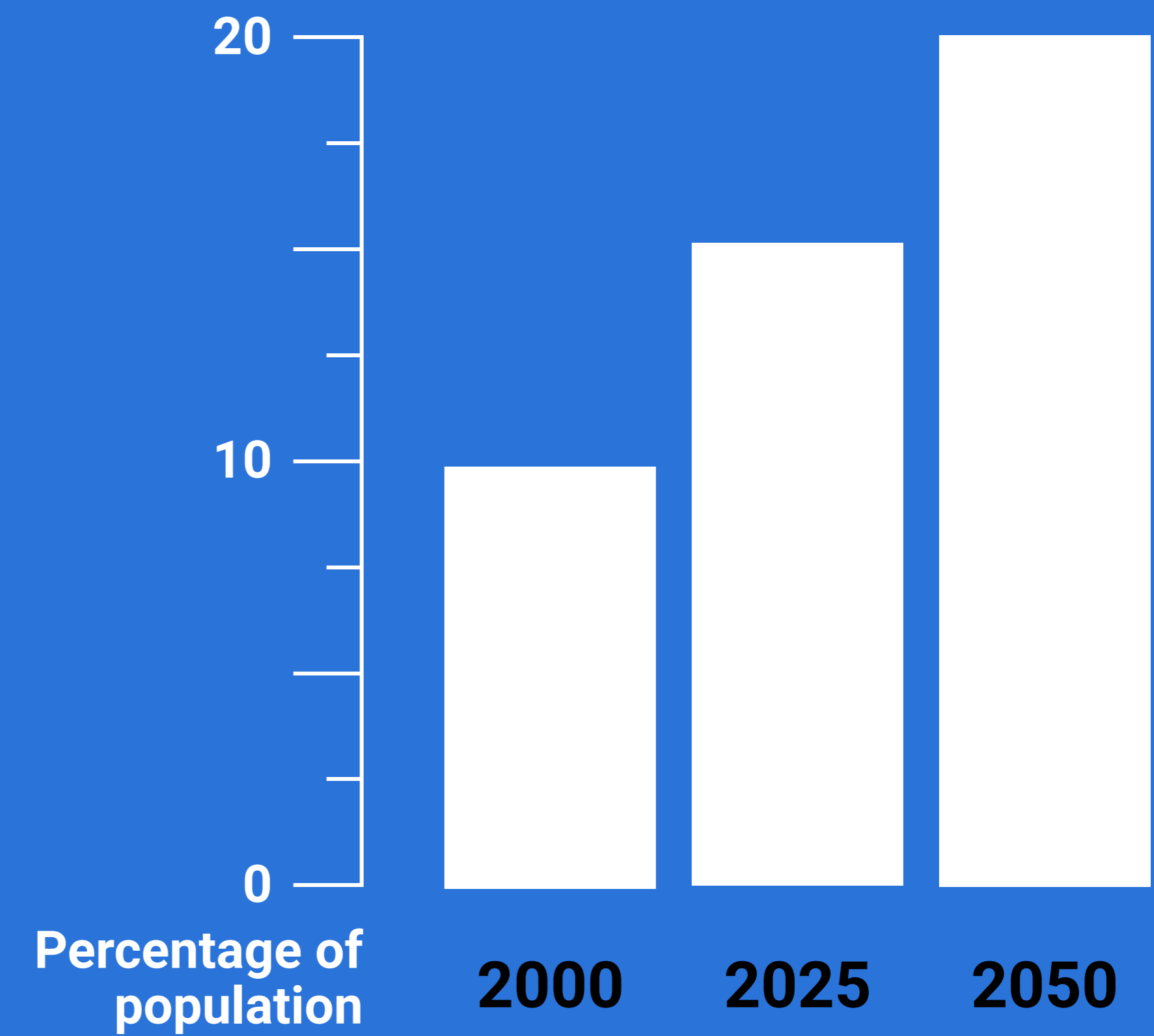


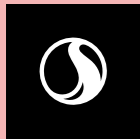
*Our most tech-savvy generations carry the torch*



## DEMOGRAPHIC SHIFTS

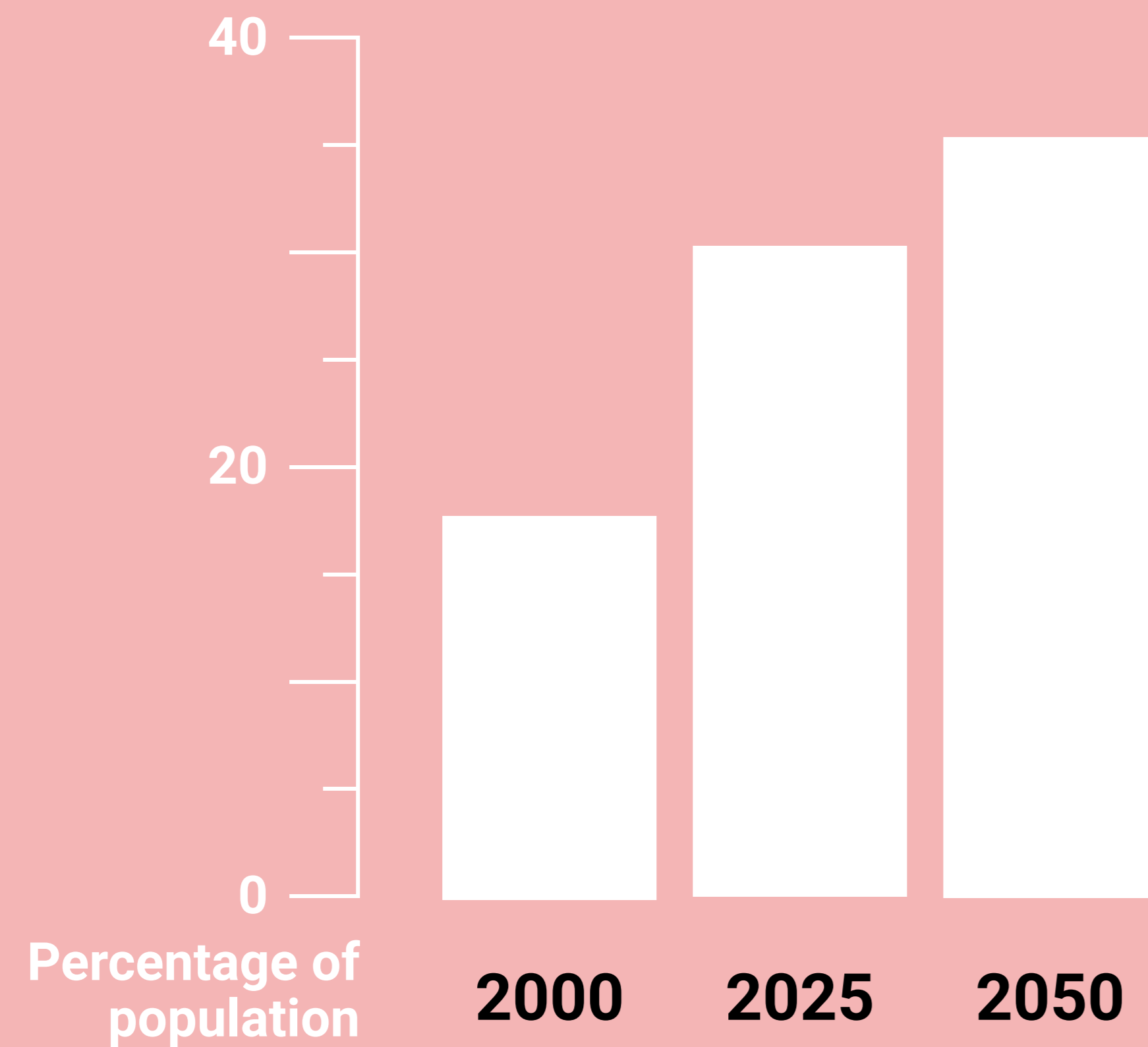
# Seniors





## DEMOGRAPHIC SHIFTS

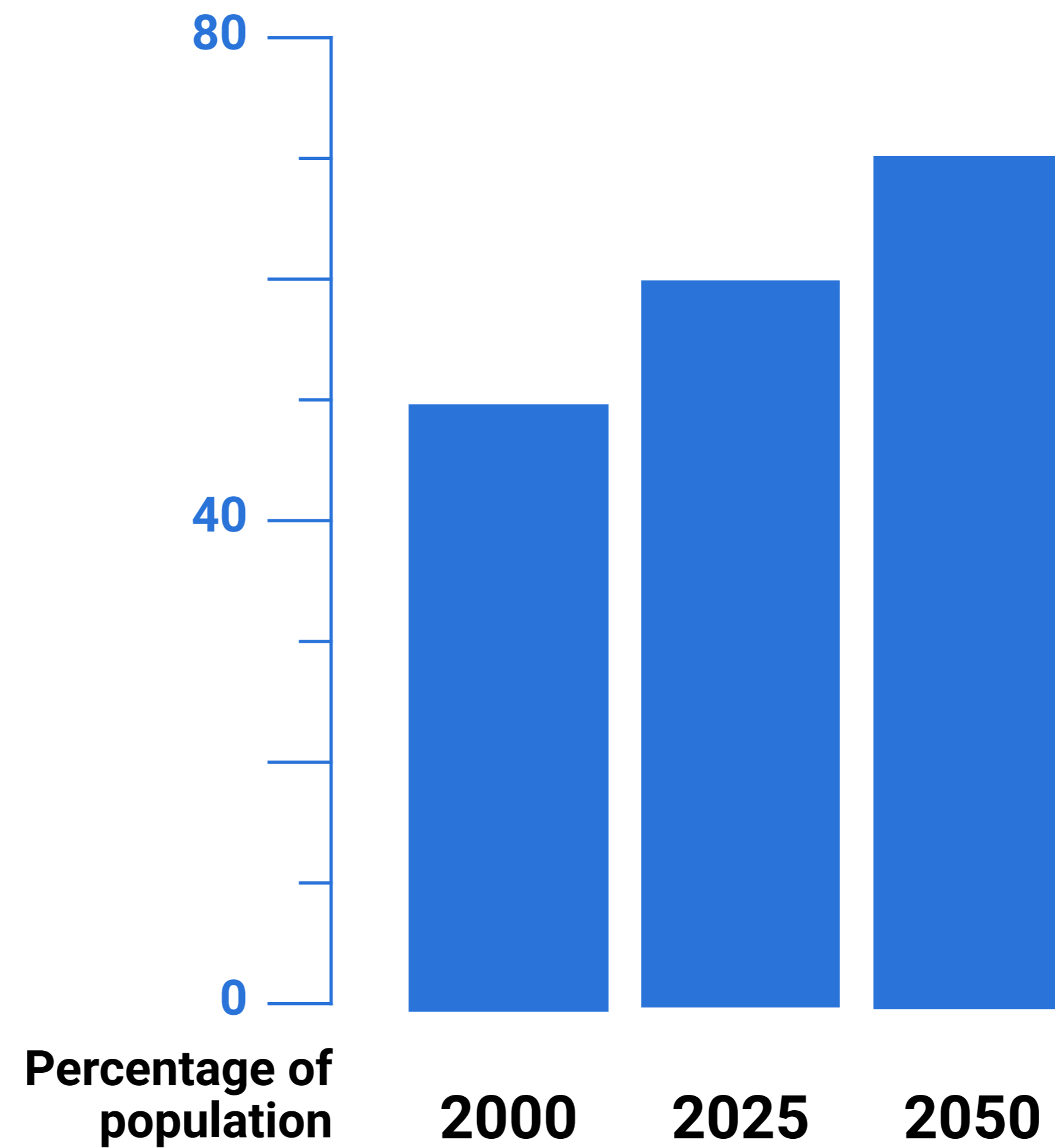
# Residents born abroad

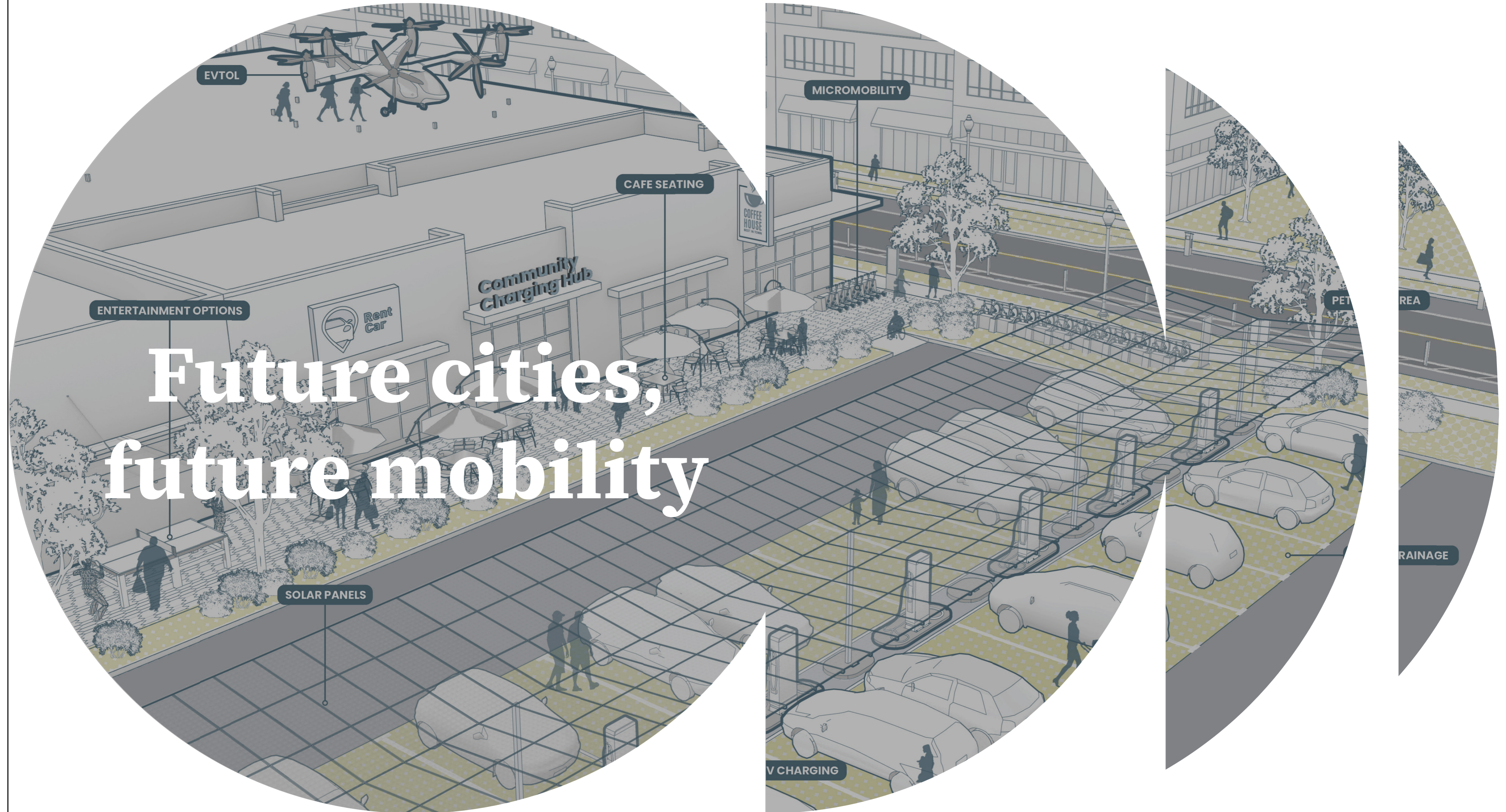




## CHANGING ECONOMY

# Service Sector





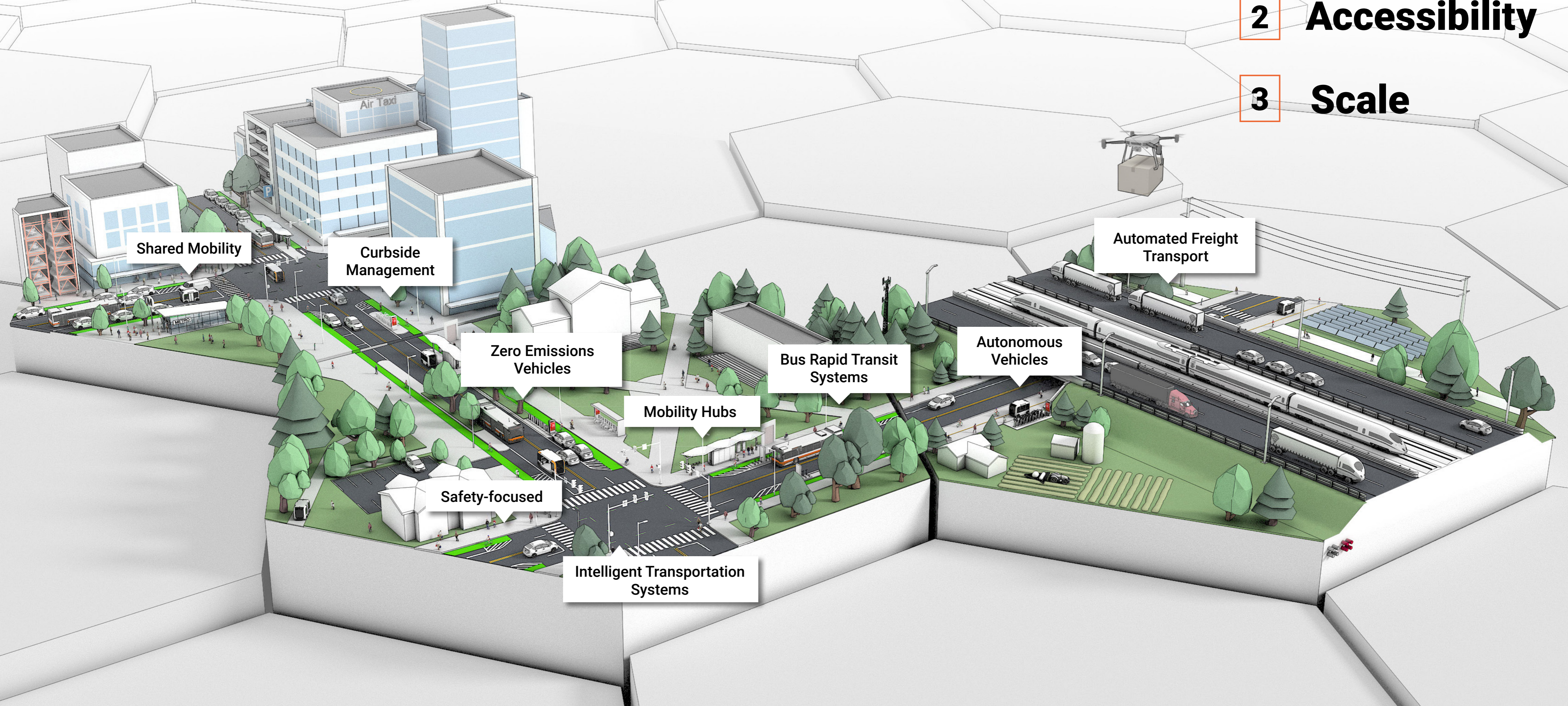


# Future mobility is already here

**1 Choice**

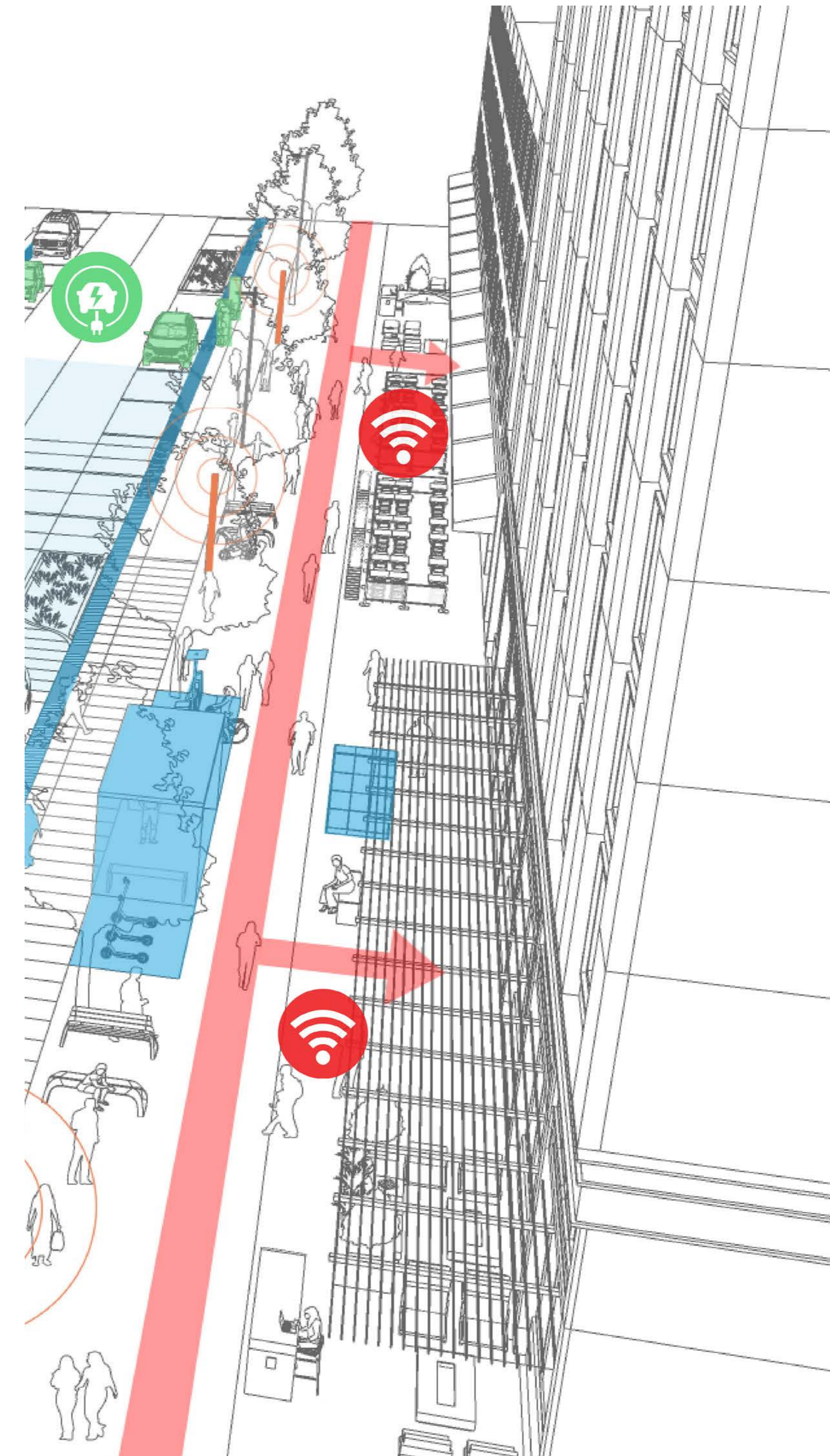
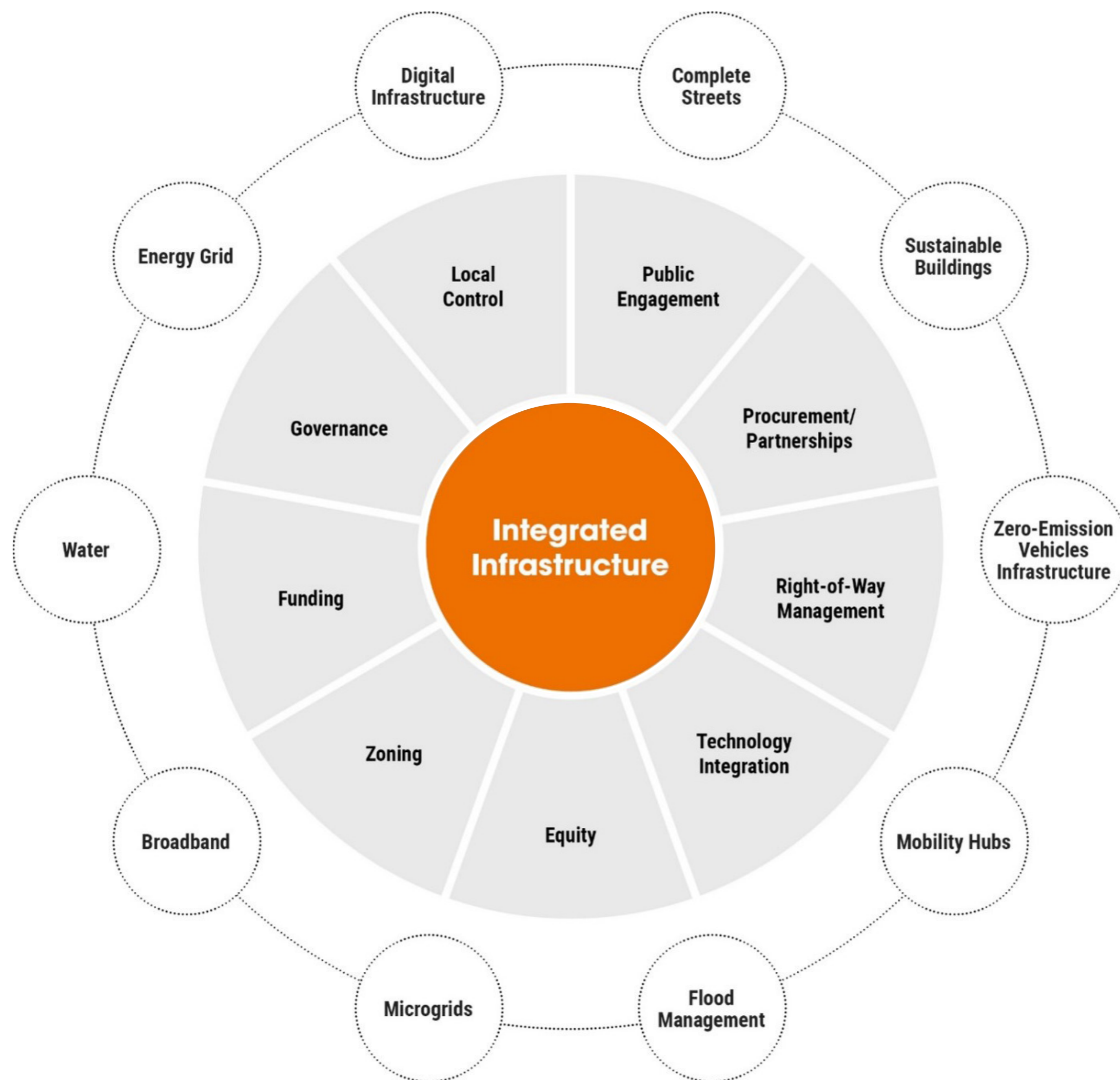
**2 Accessibility**

**3 Scale**



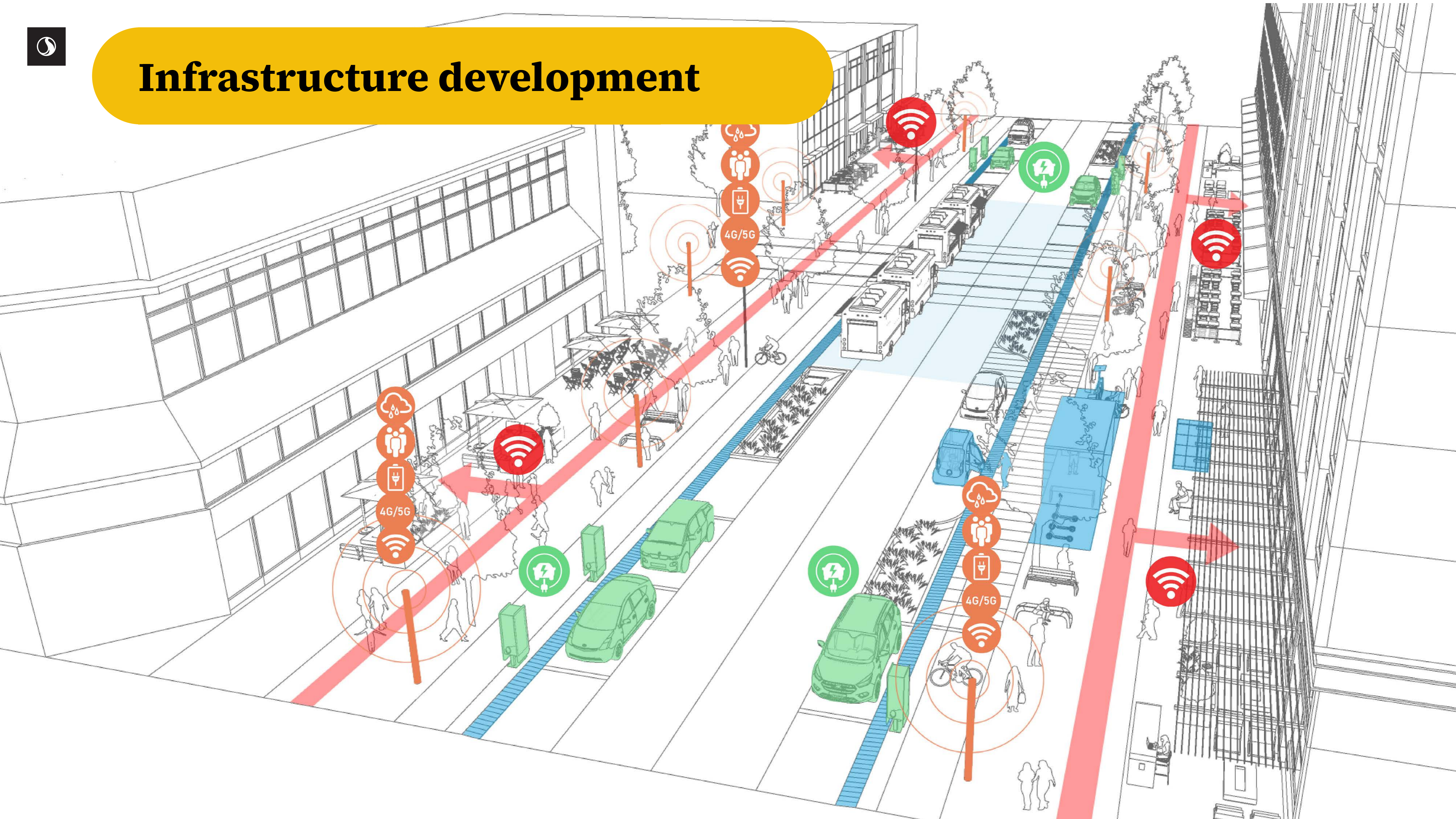


# Infrastructure development





# Infrastructure development





# Investments in infrastructure





# Mobility hubs



## 1 Choice

Multiple-modes  
of transportation

## 2 Accessibility

Convenient,  
efficient, connected  
to essential services

## 3 Scale

Right-sized and  
flexible hour-to-  
hour, day-to-day



# Next gen city building





# Mixed-use development





# Applying AI Drive + inform infrastructure

## Urban Planning

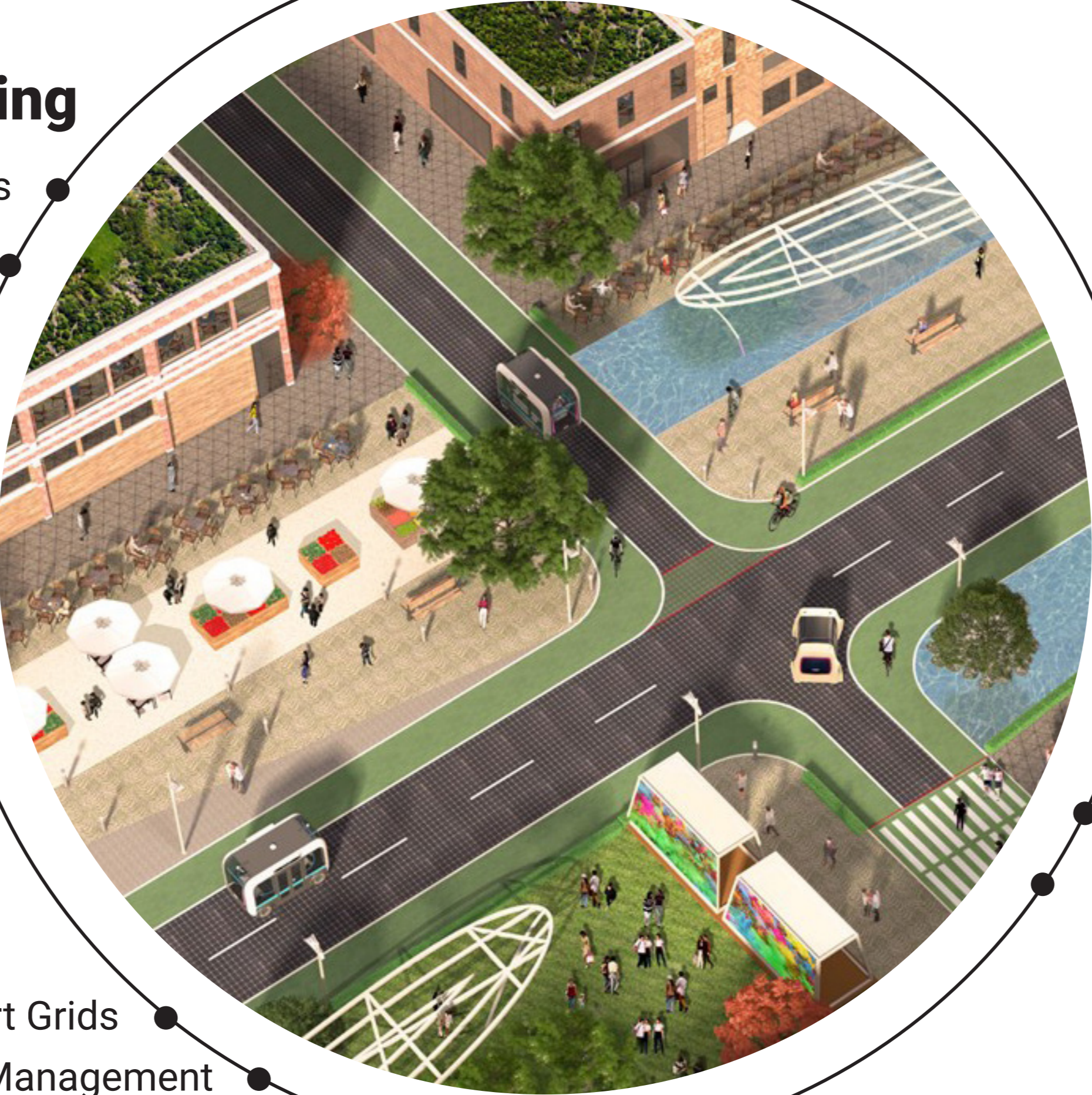
- Data-Driven Insights
- Predictive Modeling

## Intelligent Traffic Management

- Real-Time Adjustments
- Congestion Reduction

## Efficient Resource Management

- Smart Grids
- Water Management



## Governance and Citizen Engagement

- Improved Decision-Making
- Public Participation

## Environmental Sustainability

- Green Initiatives
- Climate Resilience



**Volatility**

**Uncertainty**

**Complexity**

**Ambiguity**





# Denver

UNITED STATES





# Vancouver

BRITISH COLUMBIA





# Dubai

UAE





# San Francisco

UNITED STATES





# Singapore





# Copenhagen

DENMARK





# Tokyo

JAPAN





# Net City

CHINA





# Future-forward action



# Challenges + considerations

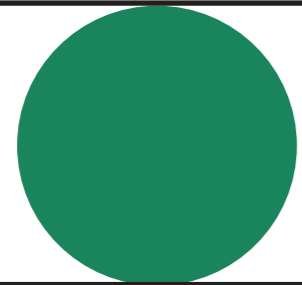


- 1 Regulations + policy
- 2 Tech, data, + the legal landscape
- 3 Economic feasibility
- 4 Public + political consensus
- 5 Adaptable solutions

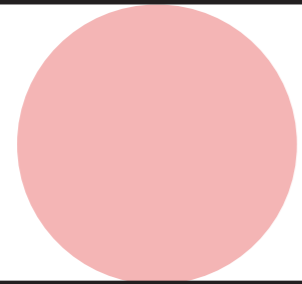


Guidance for

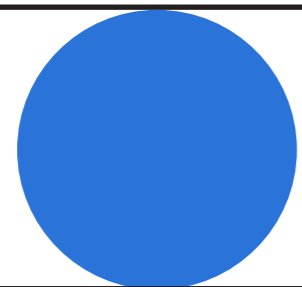
# Communities ready to innovate



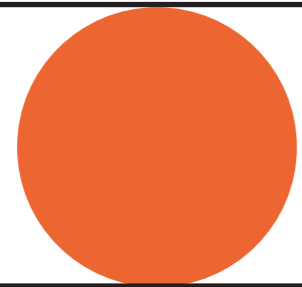
**Support** overcoming the status quo



**Engage** the public; inclusively champion the right solutions



**Plan** for the long-term when answering needs of today



**Invest** in mobility hubs + forward-looking infrastructure



Prep for 2050

# Looking ahead in Alberta

Demographic and economic shifts

Long-term economic growth

Urban and transportation infrastructure

Increased regional connectivity

Sustainability and innovation





# How do we get there?





# Thank you

Scan for more  
on **mobility hubs**



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