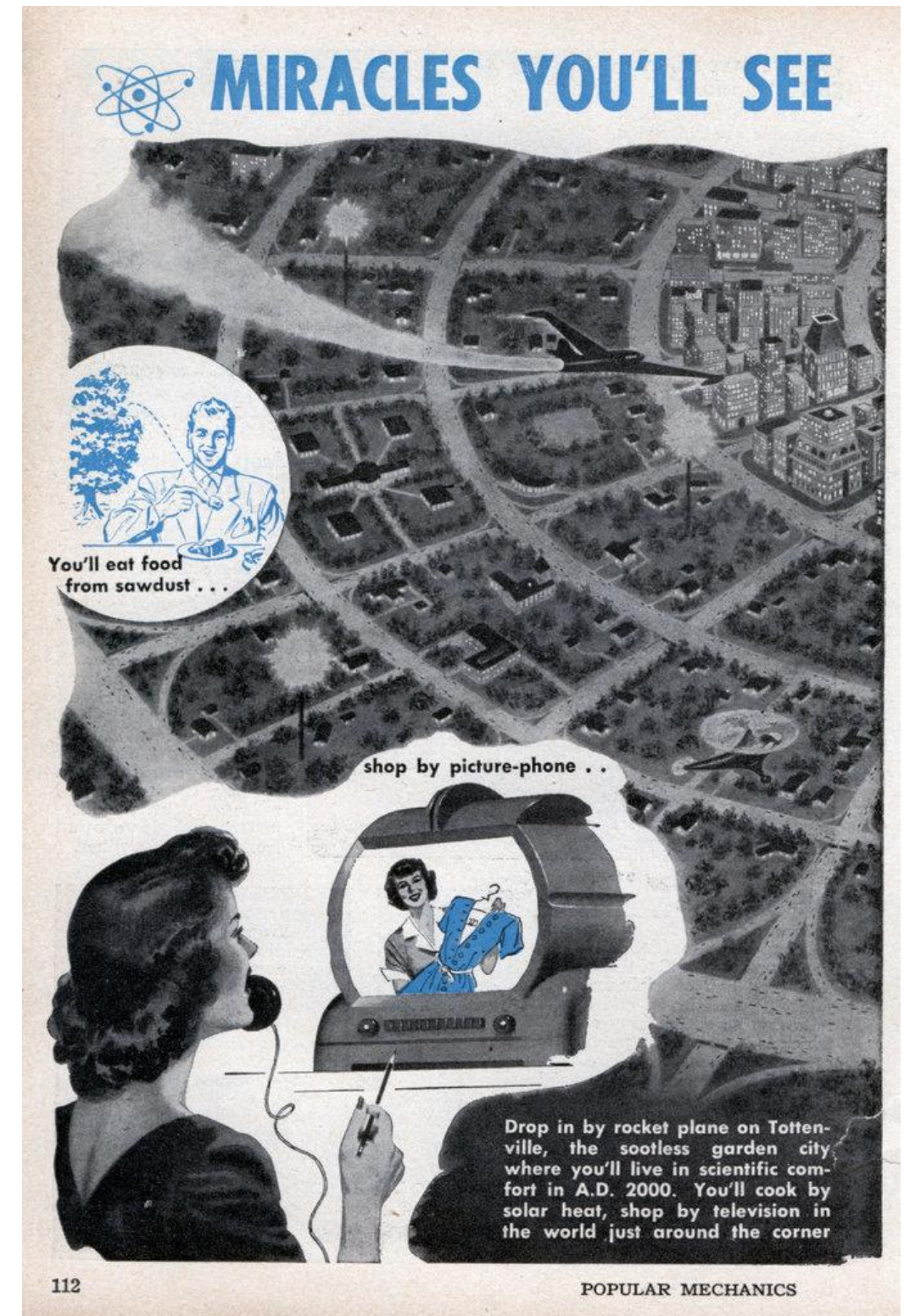Smart Cities Workshop:
Diverse Disciplinary Perspectives
UQ School of Economics
28 May 2018

A local government perspective

Ricardo Martello
City Futures Manager
Logan City Council

February 1950 issue of *Popular Mechanics*

A Smart City? That's clever!
Why did no one think of it before?

Is it anything new?

What does technology have to with it?

What about the citizen and the cityscape?

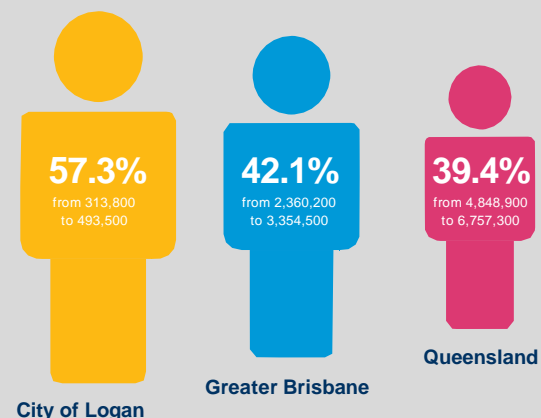# A Smart City? Problem solved!
Where do we sign up?

What are the opportunities?

What are the challenges?

What are the ways forward?

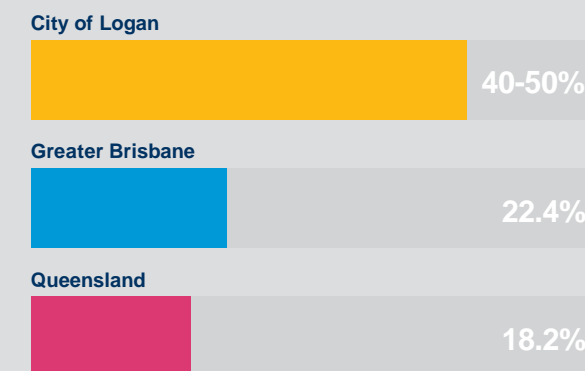# The future of the City of Logan : challenges and opportunities, key stats

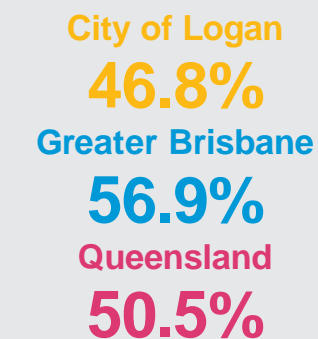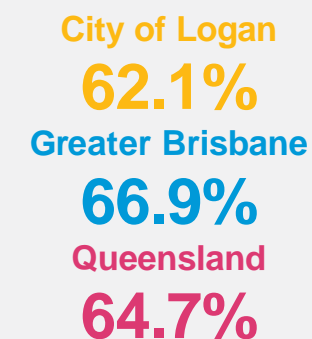## Population – Projected growth (2016 to 2036)

City of Logan
57.3%
from 313,800 to 493,500

Greater Brisbane
42.1%
from 2,360,200 to 3,354,500

Queensland
39.4%
from 4,848,900 to 6,757,300

Journey to work – Location (2016)

40% travel to work within the City of Logan

60% travel to work outside the City of Logan

Commuting – Lengthy commutes (greater than 45 minutes) 2016

City of Logan 40-50%
Greater Brisbane 22.4%
Queensland 18.2%

Education Completed Year 12 (or equivalent) 2016

City of Logan 46.8%
Greater Brisbane 56.9%
Queensland 50.5%

Employment Participation rate (2017)

City of Logan 62.1%
Greater Brisbane 66.9%
Queensland 64.7%

Income – Median Weekly Household Income (2016)

City of Logan $808
Greater Brisbane $932
$856
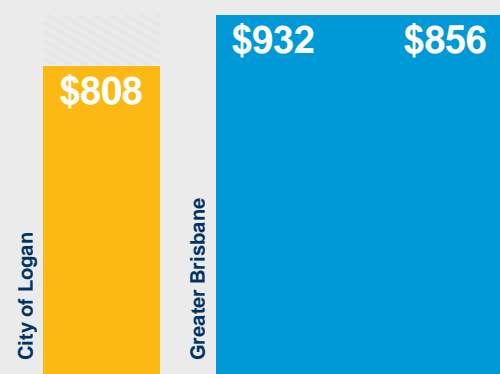
Income equality – Income share of top 10% of earners (2015)

26.6 City of Logan
32.7 Greater Brisbane
32.4 Queensland
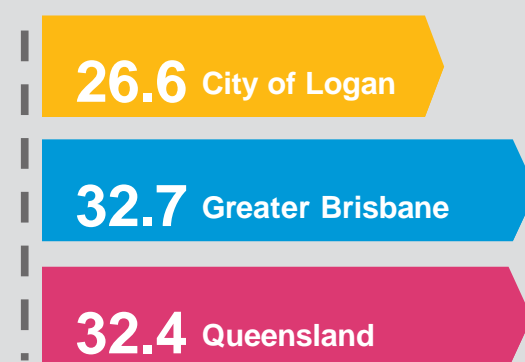
Employment – Unemployment Rate (2017)
as at September 2017

6.6% City of Logan
6.1% Greater Brisbane
6.2% Queensland
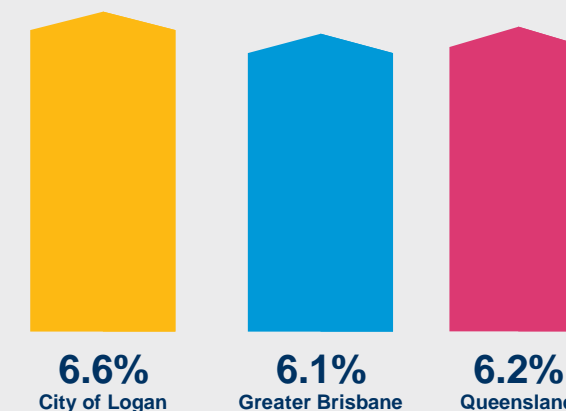
Construction – Growth in annual dwellings constructed (2014-2016)

47.0% City of Logan (1,774 to 2,608)
46.2% Greater Brisbane (21,220 to 31,023)
29.3% Queensland (39,271 to 50,775)

Age – Median age (2016)

33.8 City of Logan
35.2 Greater Brisbane
37.0 Queensland
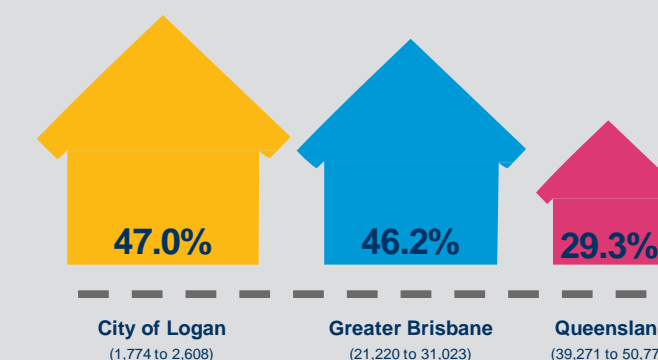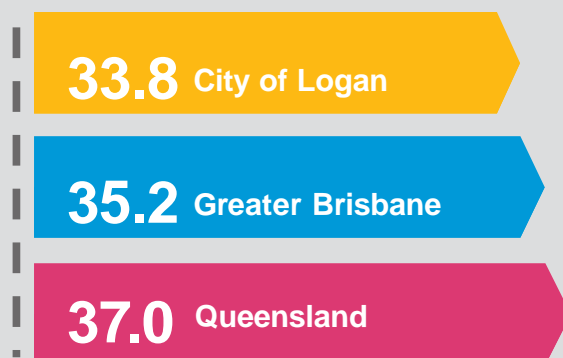
Internet – Dwellings with Internet access (2016)

City of Logan 80.3%
Greater Brisbane 82.4%
Queensland 78.9%
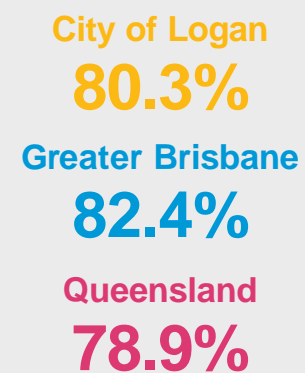
Diversity – Population born overseas (2016)

City of Logan 27.3%
Greater Brisbane 26.0%
Queensland 21.6%
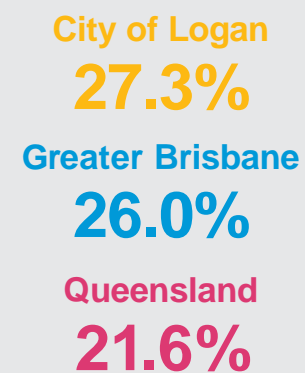
Housing – Median Sale Price (2015)

City of Logan $379,000
Greater Brisbane $480,000
Queensland $445,000
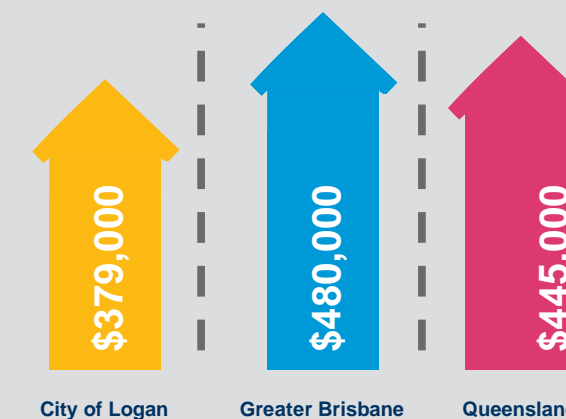
Journey to Work – Mode (2016)

	Public Transport	Car	Active Travel
City of Logan	3.9%	75.4%	1.3%
Greater Brisbane	8.5%	66.2%	4.0%
Queensland	5.2%	69.3%	4.3%

City of Logan: Home of Civic Innovation

City Futures Strategy

LOGAN
CITY COUNCIL
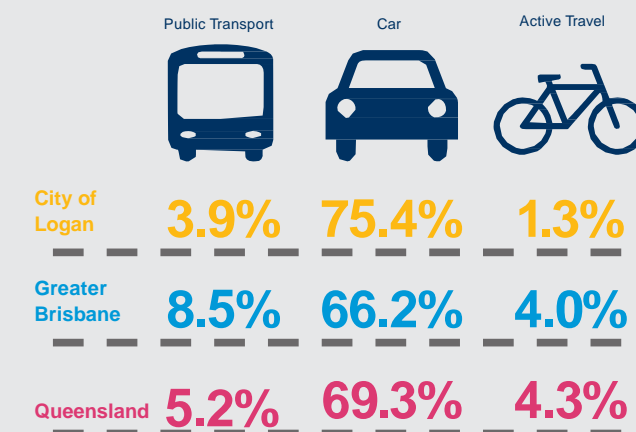
FOUR PRINCIPLES:

Empowering community

Collaboration and partnership

Confidence

Open to innovation

FIVE PRIORITY AREAS:

FUTURE INNOVATION & PROSPERITY

FUTURE CONNECTIVITY

Priority actions

FUTURE PLACE

FUTURE COUNCIL

FUTURE COMMUNITY

Future City Streetscape

Open data for innovation. Big data analytics for better city design and experience

Smart parking for convenience and efficiency

Smart streetlights for energy efficiency, safety and smart city platform

Renewable energy, smart utility meters and innovation for sustainability

Modern Council for innovation, better local services, community participation and reform

Reduced congestion through smart technology, smart working, and transport

Smart technology for **enhanced environmental monitoring and management**

Wireless networks and IoT for connectivity, innovation and modern services

Design and technology for **enhanced city activation**, vibrancy and safety

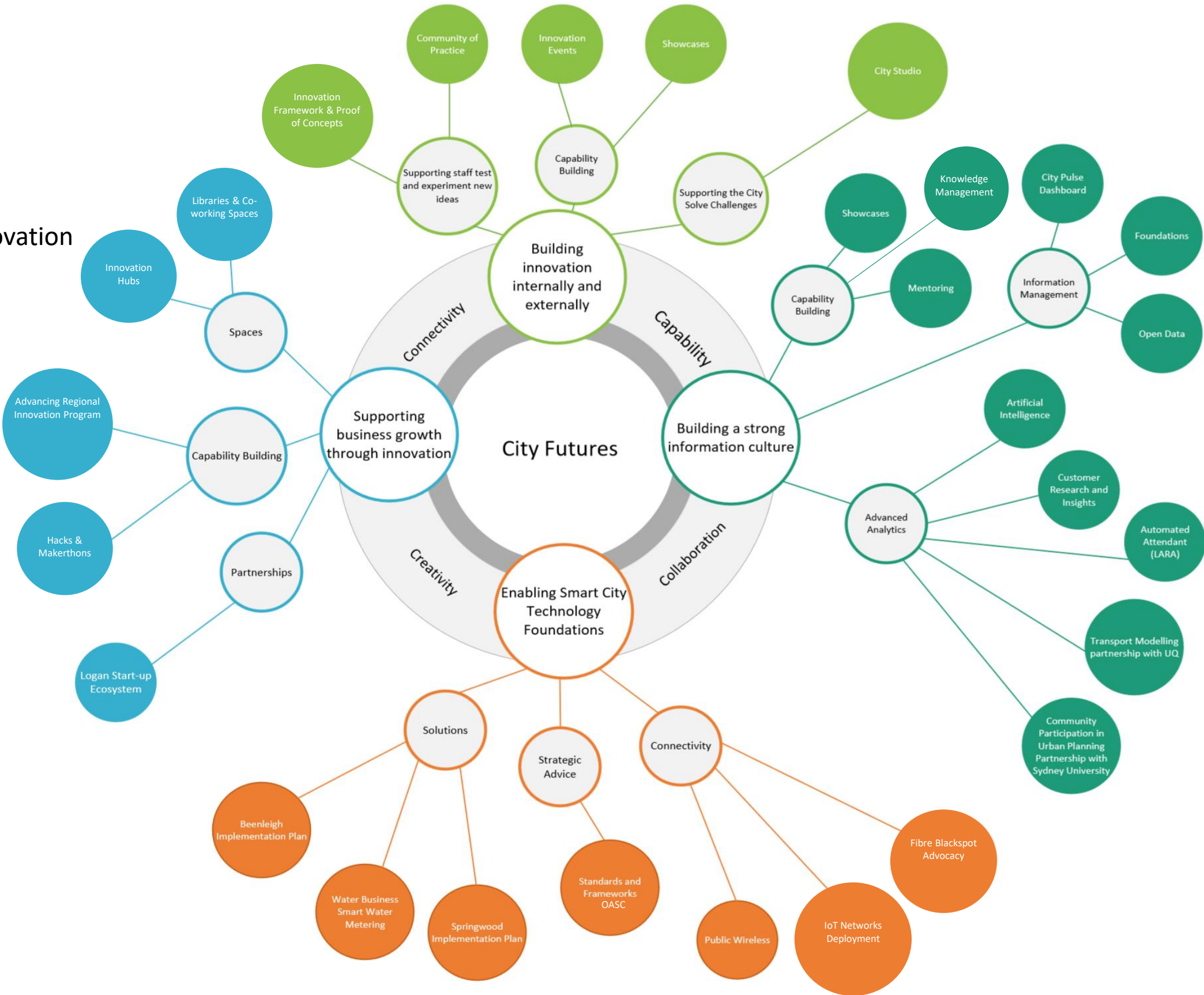**Innovation hubs** and co-working spaces

Active travel options

Free Public WIFI

Improved mobility options, integration and transport innovation (e.g. car-share, ride-share, AV, on-demand)
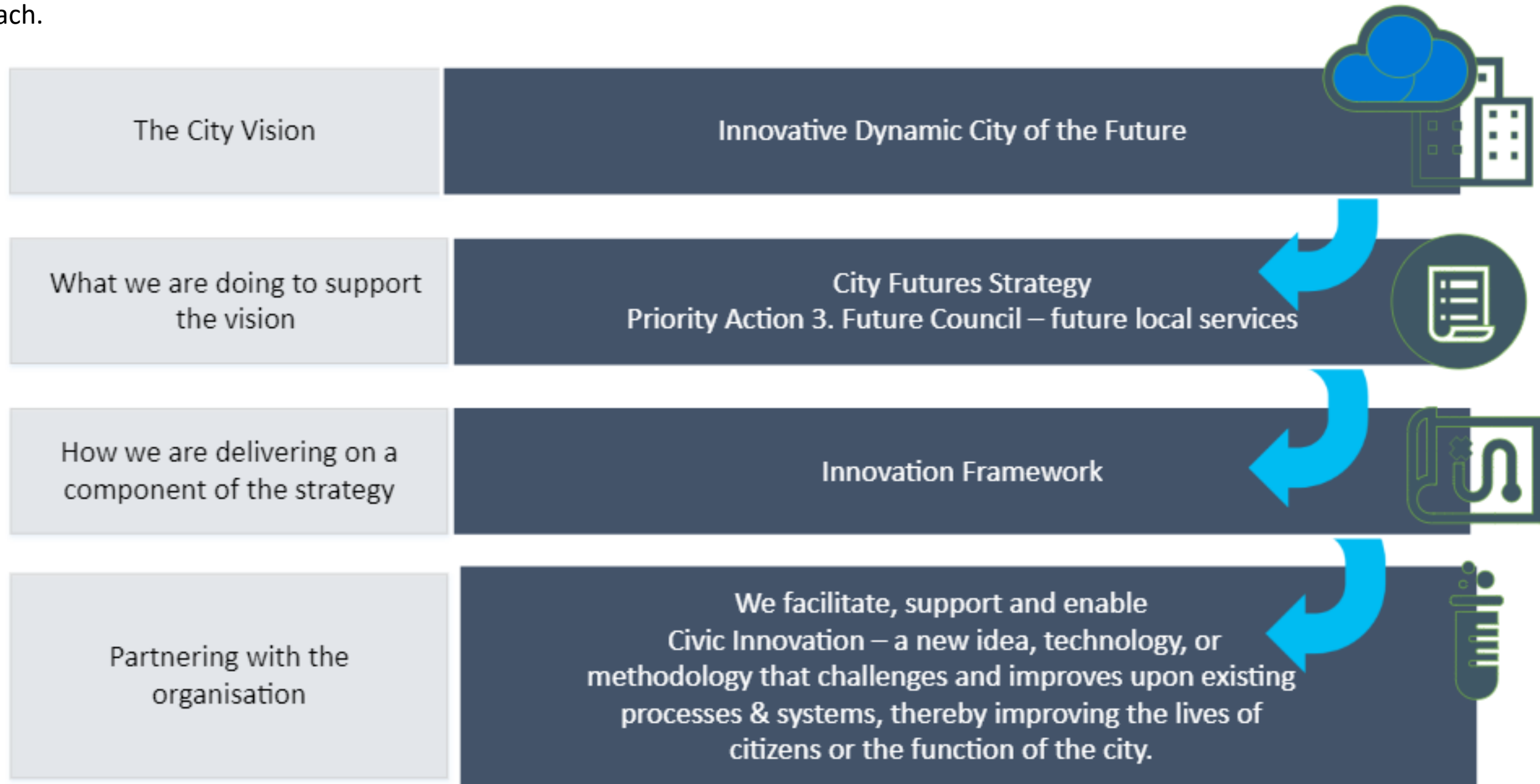
"Go forth and innovate"

The City Futures team:
Driving the Smart City and Innovation Agenda in Logan City Council

Innovation Framework – Where does it fit?

A parallel operating system that supports organisational learning, experimentation and delivery of proof-of-concepts. A 'safe space' for innovation that allows failure and greater risk-taking, through differentiated procurement practices, decision-making processes and project management approach.

The City Vision	Innovative Dynamic City of the Future
What we are doing to support the vision	City Futures Strategy Priority Action 3. Future Council – future local services
How we are delivering on a component of the strategy	Innovation Framework
Partnering with the organisation	We facilitate, support and enable Civic Innovation – a new idea, technology, or methodology that challenges and improves upon existing processes & systems, thereby improving the lives of citizens or the function of the city.

CITYSTUDIO

LOGAN

Normalising civic action as a key element of higher education.

Offering genuine co-creation opportunies in interventions in the city fabric.

Building civic capacity and interest.