

Hackathons: a tool to build smart cities

Kathy Matete

The changing face of transport
ENZ Transport Group Conference 2019



Meet Kathryn

- She lives and works in Auckland
- Loves social events
- Vision impaired



Kathryn

- She loves public transport
- Wants to be independent
- Frequently has issues

Real Time Board



TIME **10:38**

Avondale ▾

PLT	DESTINATION	SCHED	DUE
2	SWANSON VIA NEWMARKET	10:43	9
1	BRITOMART VIA NEWMARKET	10:47	10
2	SWANSON VIA NEWMARKET	11:03	27
1	BRITOMART VIA NEWMARKET	11:07	29
2	SWANSON VIA NEWMARKET	11:23	
1	BRITOMART VIA NEWMARKET	11:27	49
2	SWANSON VIA NEWMARKET	11:43	67
1	BRITOMART VIA NEWMARKET	11:47	69
2	SWANSON VIA NEWMARKET	12:03	87
1	BRITOMART VIA NEWMARKET	12:07	89
2	SWANSON VIA NEWMARKET	12:23	107
1	BRITOMART VIA NEWMARKET	12:27	

<<< Buses replace some trains on the Souther



BUS STOP

No. 6573

Oriental Parade
at Cheffers Marina

Fare Zone **1**

14

24

metlink





Kathryn

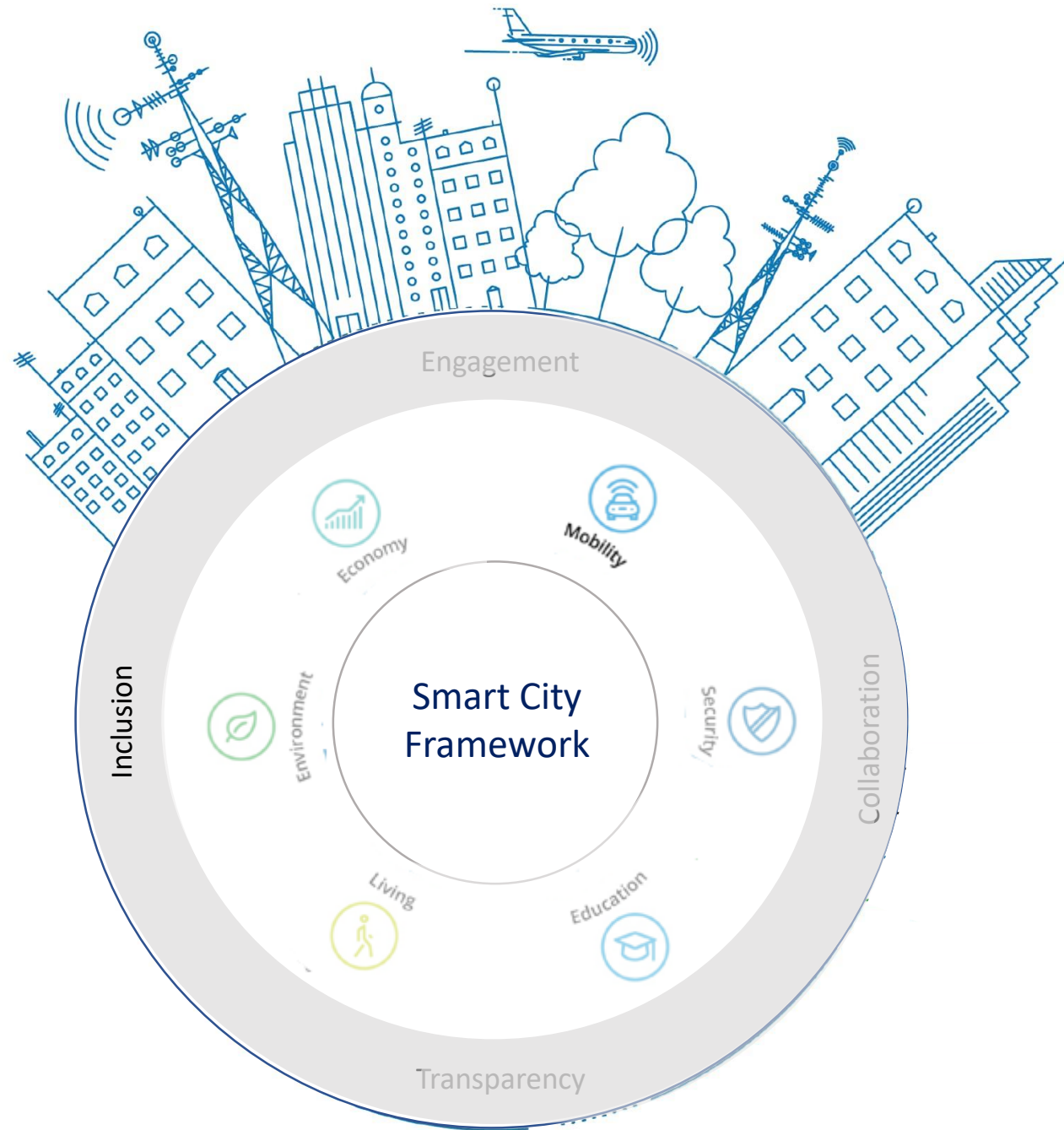
- Uses 3+ apps to plan travel
- **She wants to travel independently**



183,000 have vision impairment.

75,000 don't have equal access to PT in urban areas.

Equal access for all citizens is a smart city goal



Hackathons help to achieve smart city goals:

1. Smart government
2. Smart talent
3. Smart industry

1. Smart government

2. Smart Talent

3. Smart Industry

Hackathons

Support
Programmes

People-
centricity

Smart Policies

Smart
Government
Indicators



1. Smart government

2. Smart Talent

3. Smart Industry

Support Programmes



1. Smart government

2. Smart Talent

3. Smart Industry

People centricity

Customer-centred design & Co-creation

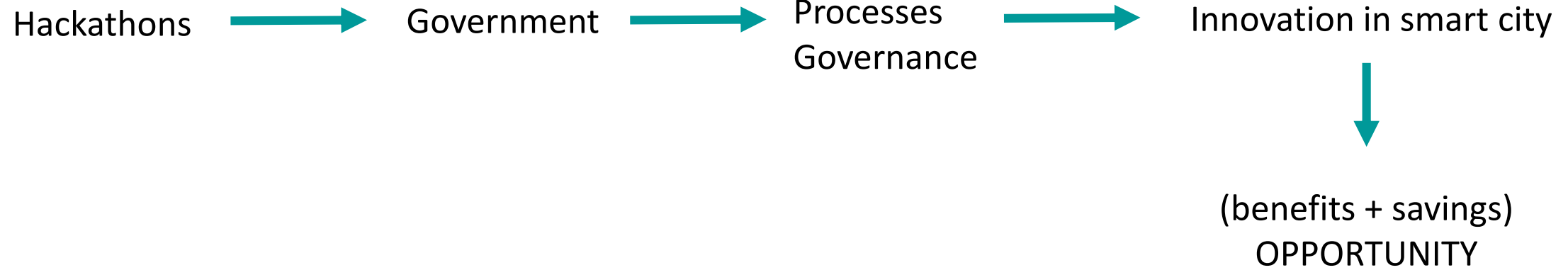


1. Smart government

2. Smart Talent

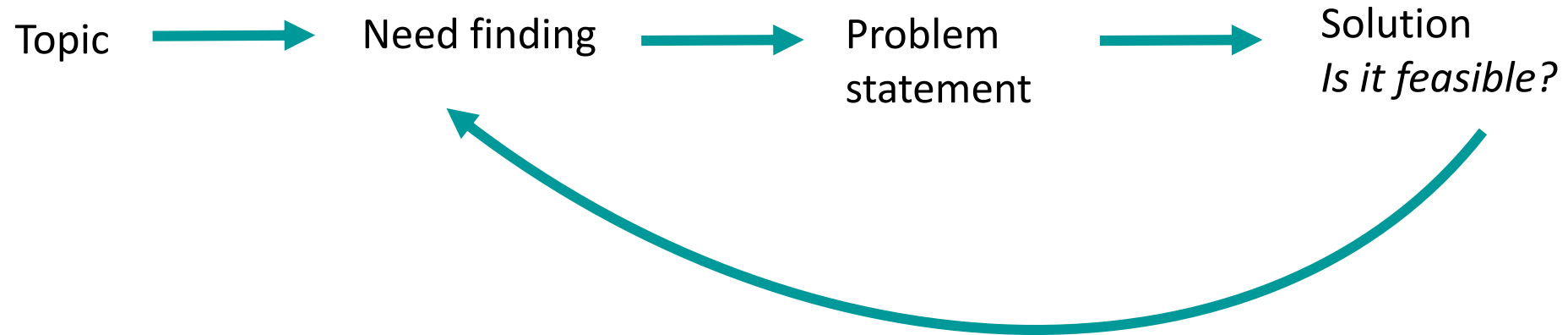
3. Smart Industry

Policy Indicator



2. Equip a smart workforce

Agile Thinking



3. Build a smart industry – through intrapreneurship

1. Smart government

2. Smart Talent

3. Smart Industry

USD **442** billion in 2017

USD **1,226** billion in 2023



Thank you

Acknowledgments

- Fay Matete
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- Team Jaid
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