



PTBO PLAN

Official Plan Update
General Committee
February 26, 2018



Outline

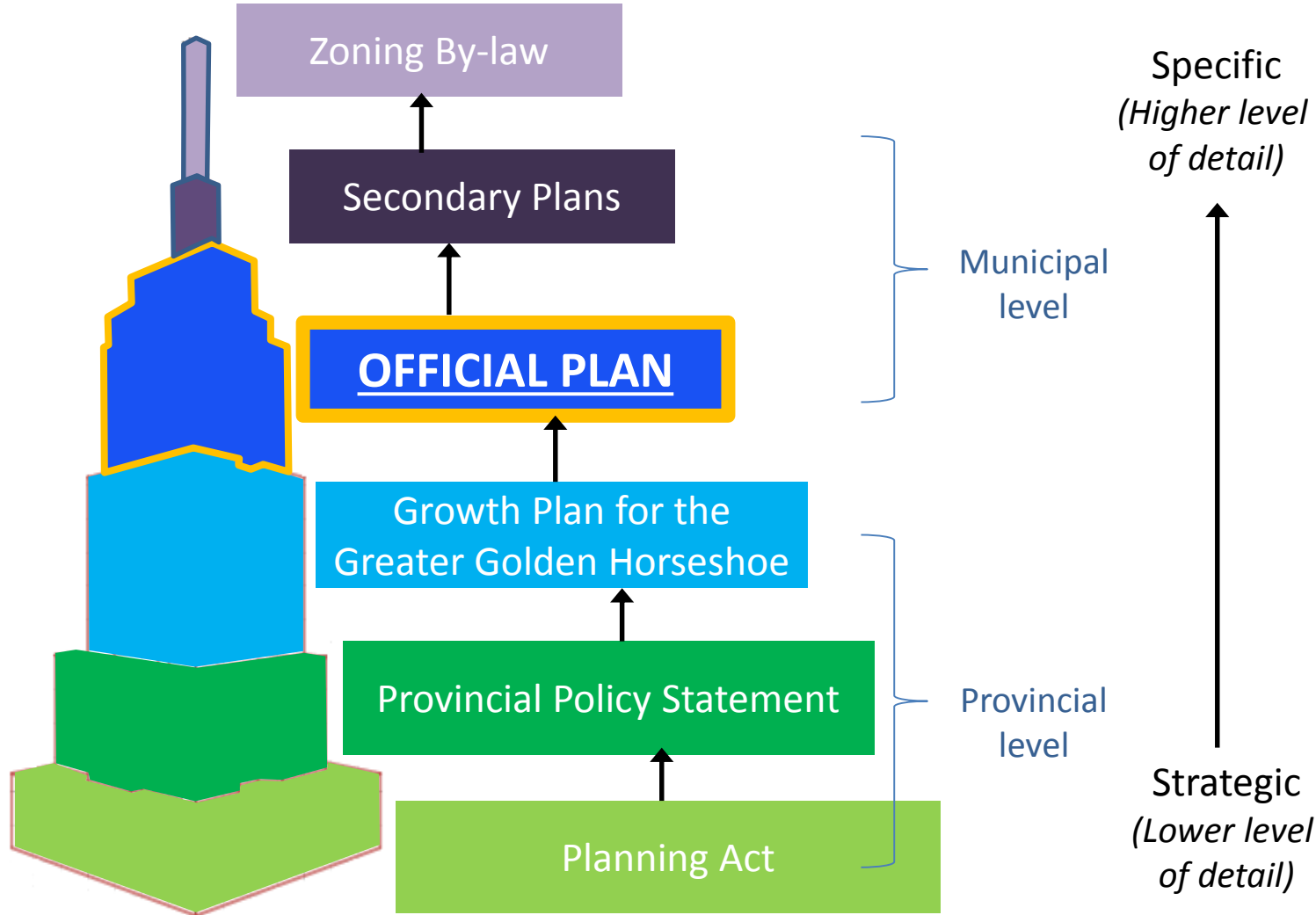
1. Official Plan Role
2. Background & Council Direction
3. Vision and Guiding Principles
4. Growth Management
5. Land Needs Assessment
6. Land Use and Transportation
7. Natural Heritage System
8. Project Schedule
9. Recommendations

Official Plan

- Outlines the City's growth and development goals, objectives, and policies for the next 20 years.
- Shapes how our City will look, feel and function.
- Manages the effects on the social, economic and natural environment.

Official Plan Context:

Ontario Land Use Planning Framework



The Official Plan: Background

2011



Mar 21 Planning Committee Meeting



April Online Public Survey via OP website
June 1st Round of Public Workshops/Open Houses
Aug-Nov Three issue-themed stakeholder workshops
Sep-Oct Three guest speaking appearances



Oct 14 Arts, Culture and Heritage Advisory Committee

2012



Jan Issue-themed stakeholder workshop



Apr 30 Planning Committee Meeting: OP Progress Update
Jun 12 Peterborough Architectural Conservation Advisory Committee



Jul Draft 'Directions Report' Prepared



Nov Arts, Culture and Heritage Advisory Committee

2013

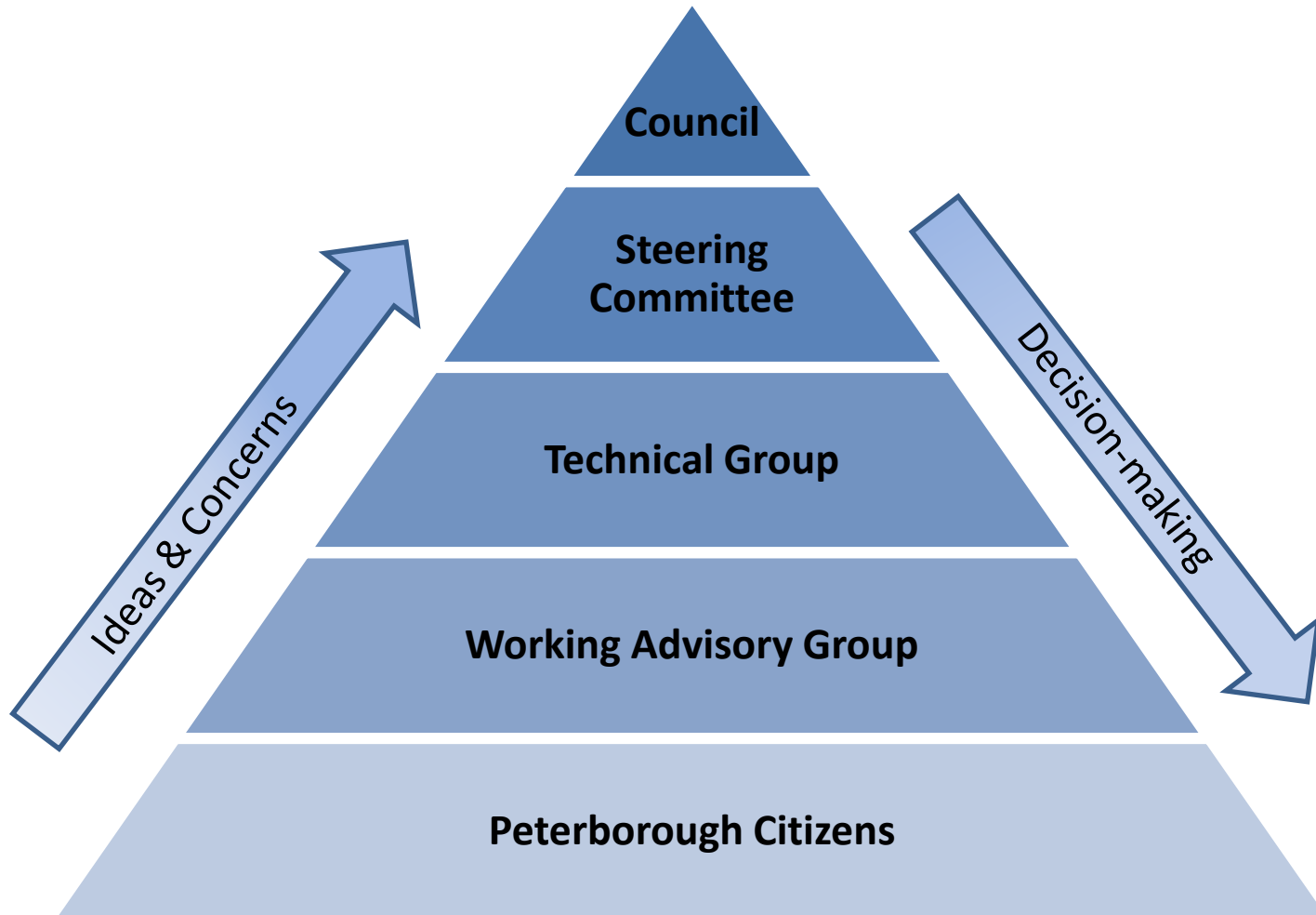


Mar 4 Planning Committee Meeting for Final 'Directions Report' and Special Public Meeting
Mar 12 Peterborough Architectural Conservation Advisory Committee
Mar 20 Sustainable Peterborough Meeting

2017 Council Direction

- Council approved an additional \$300K in funding:
 - Staff resources and online engagement software to complete the Official Plan Update.
 - Beacon Environmental appointed to complete the Natural Heritage System component.
- Adoption of the Official Plan Update scheduled for 2018 based on a robust public engagement process.

Public Engagement Reporting Structure



Public Engagement

MetroQuest - Online Planning Surveying Tool



Draw from an extensive library of screen types

Engagement Sessions

- Pop-up Venues

- Focus Groups

- Open Houses

- Workshops

- Charrettes



Welcome



Ranking Priorities



Map Input



Visual Preference



Scenario Voting



Visioning



Strategies



Funding & Budgeting



Thank You



WEB



PHONE



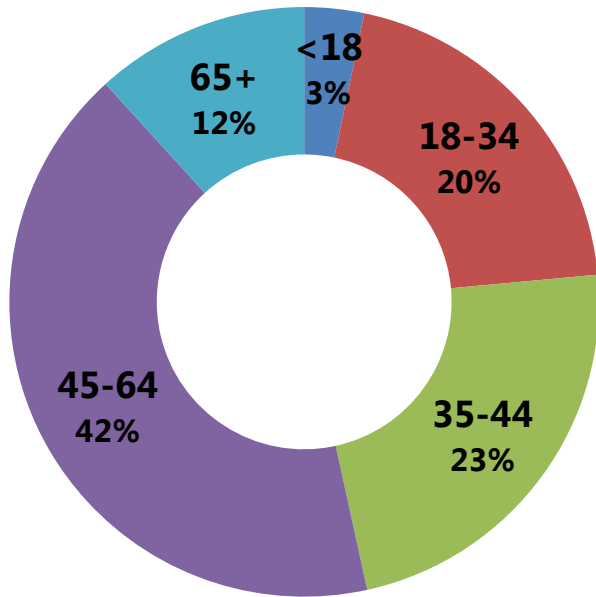
TABLET



Vision and Guiding Principles

Vision and Guiding Principles Survey Results

790 participants
(representative sample: 383)



Respondents Age



Pop-up Sessions

Survey Results - Vision

“

2041 Vision Components

A City that is:

- Sustainable
- Distinctive in character
- Proactive
- Committed to the well-being



Our Ptbo 2041 Vision:

“

A prospering community in unity with its natural beauty, rich heritage, and progressive leadership in sustainability with equitable opportunity for continued well-being, engagement, and vitality.

”

Theme Themes Strategies



1

Environmental Stewardship

Infrastructure Resilience
Natural Heritage System
Sustainable Development
Urban Forest
Local Food Security

2

Economic Strength

Diverse/Adaptive Economy
Local Markets
Fiscal Sustainability
Business Incubation
Protected Employment Areas

3

Complete Communities

Housing Affordability
Safe & Livable
Accessible & Inclusive
Compact Form & Mixed Land Uses
Community Hubs

4

Unique & Vibrant

Downtown Peterborough
Arts & Culture
Waterfront Development
Heritage Resources
Urban Design

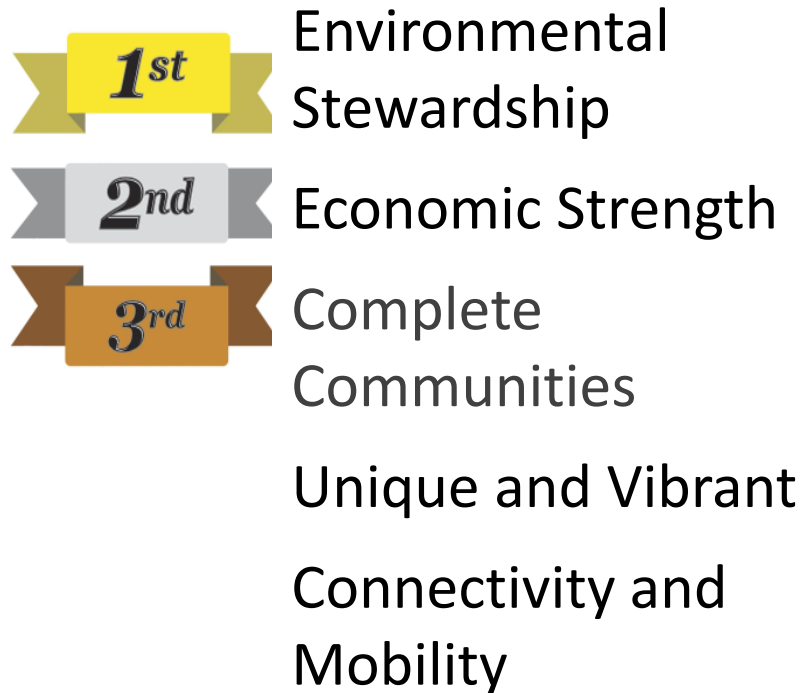
5

Connectivity & Mobility

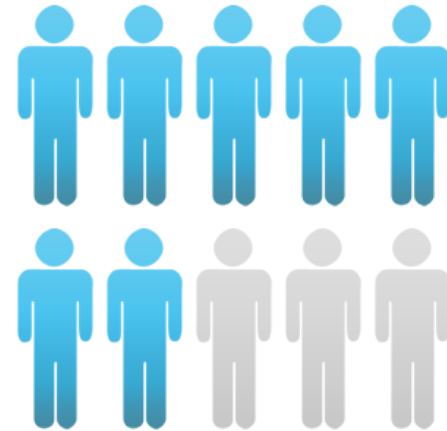
Multi-Modal Systems
Public Engagement
Major Transportation Networks
Transit Supportive
Smart Technology

Survey Results – Themes and Strategies

Priority ranking of themes



7 in 10 people



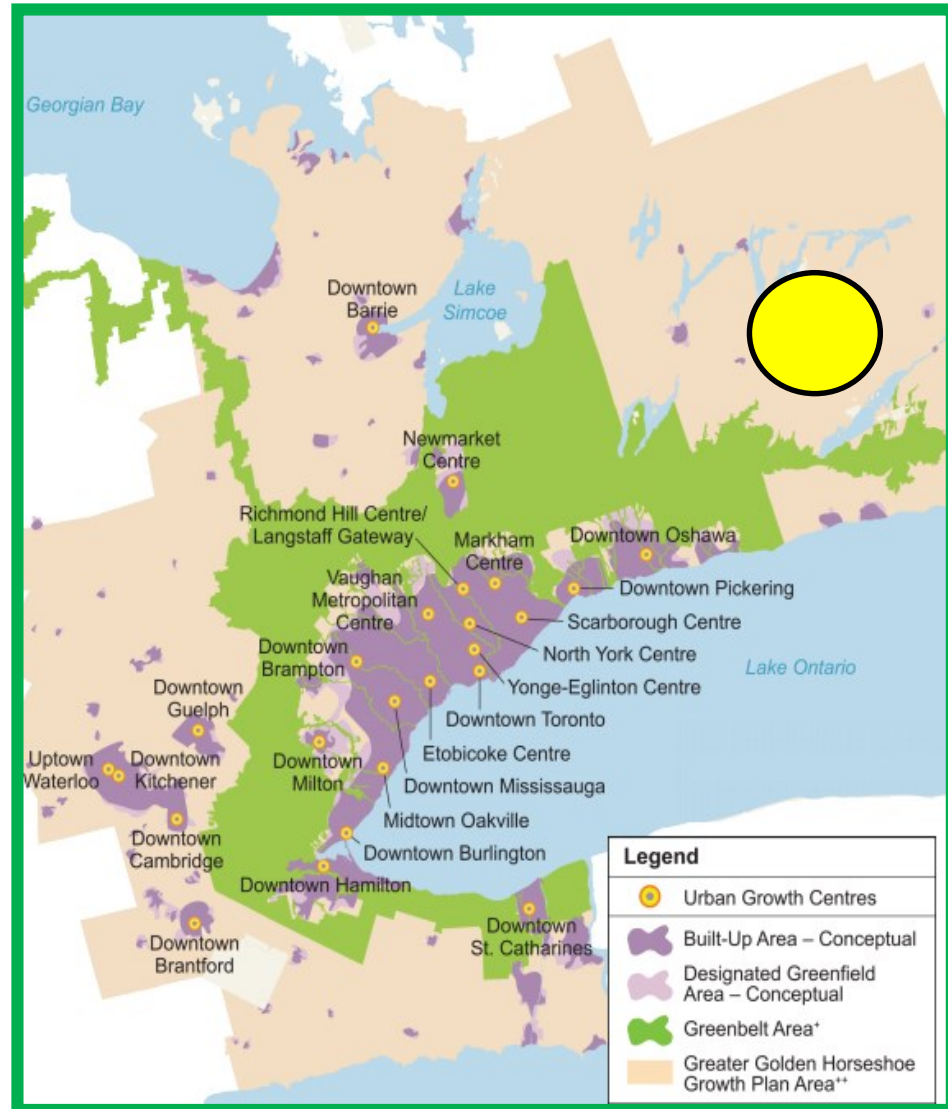
ranked the majority
of the strategies



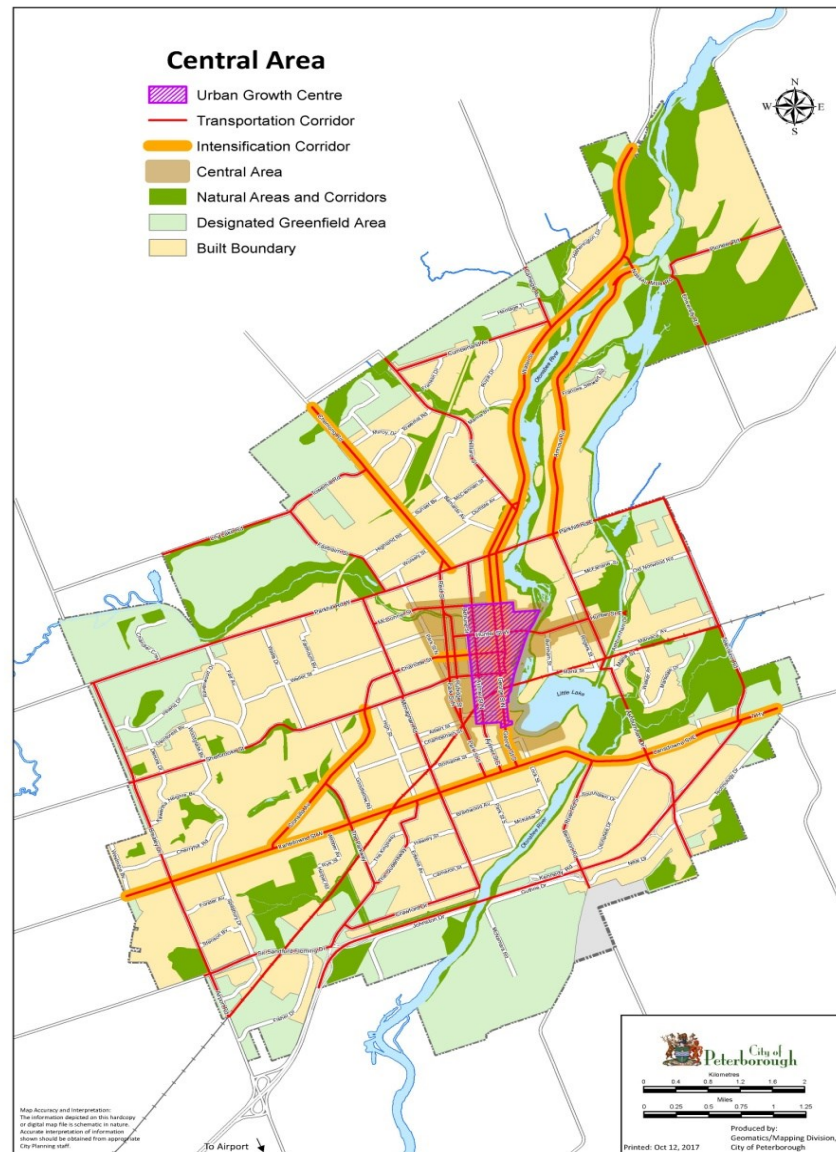
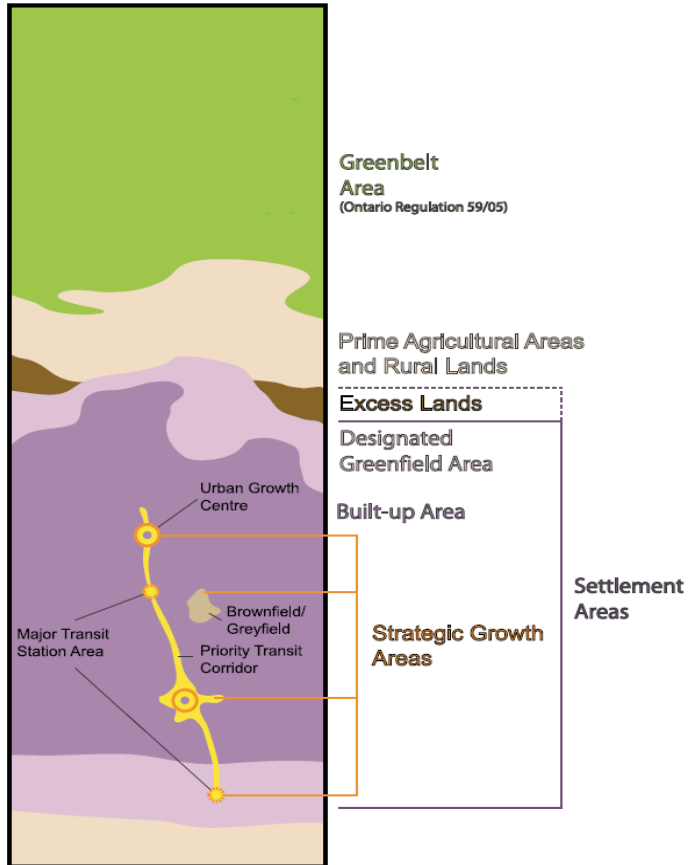
Growth Management

Places to Grow Act

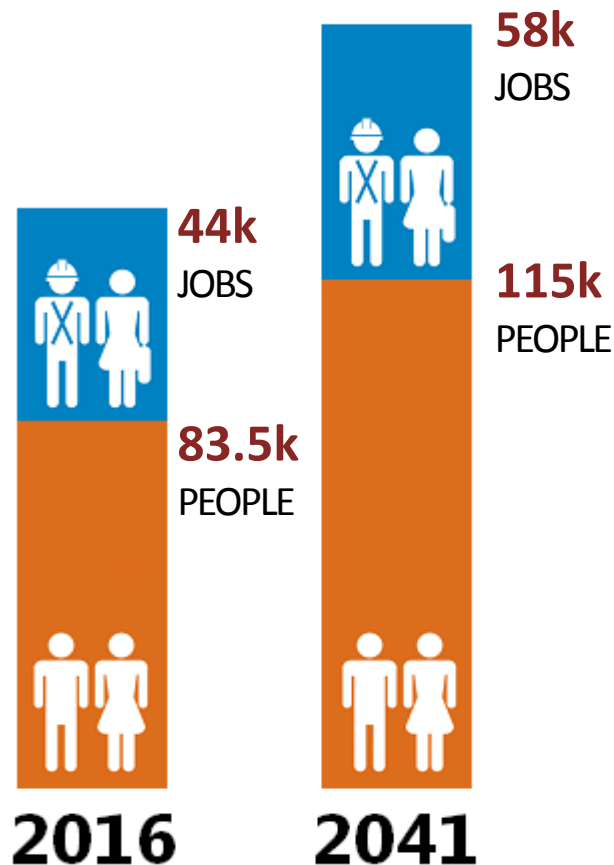
Places to Grow Act: Growth Plan for the Greater Golden Horseshoe (GGH) in Ontario



P2G in Peterborough Context



Population and Employment Growth



2016-2041:

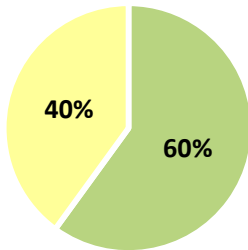
+14,000 jobs

+31,500 people

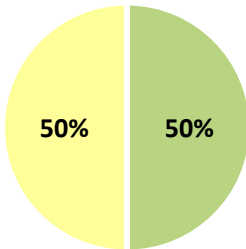
P2G Requirements for Peterborough

Residential Intensification Target

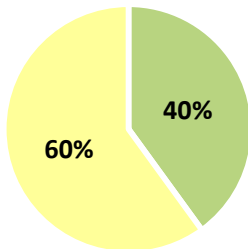
Previous/Current



2018(next OP)-2031

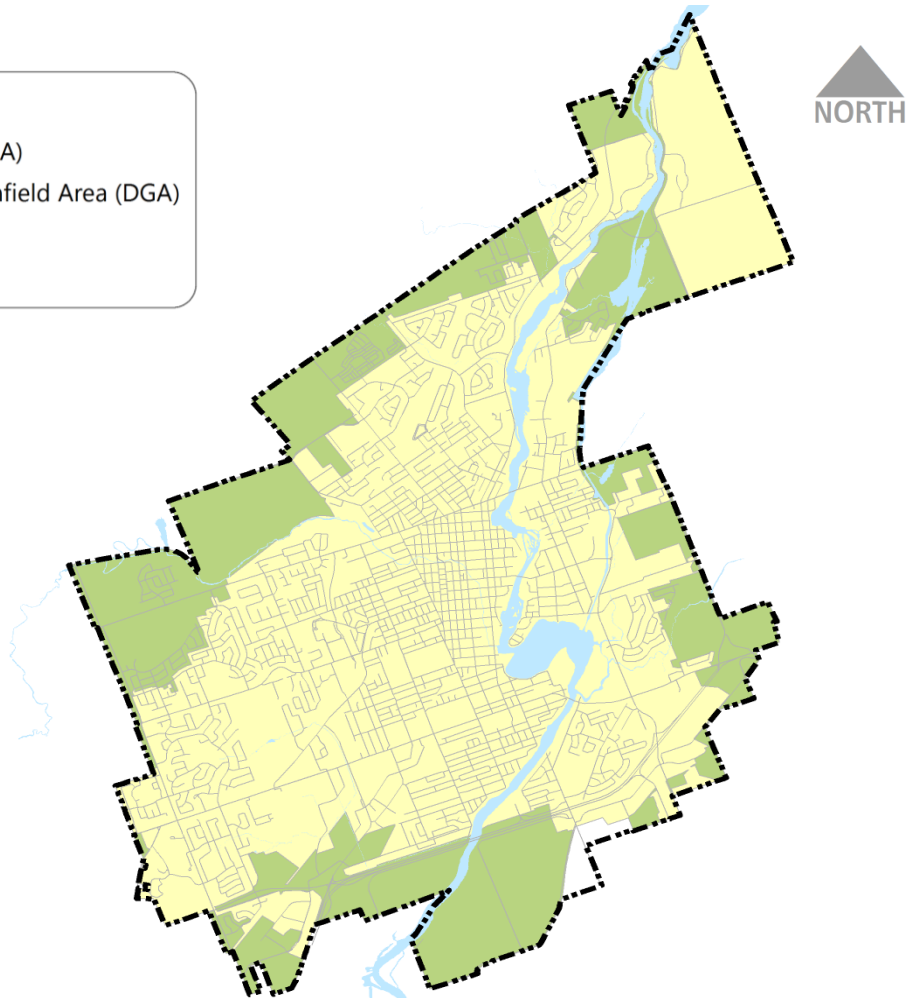


2031-2041



Legend

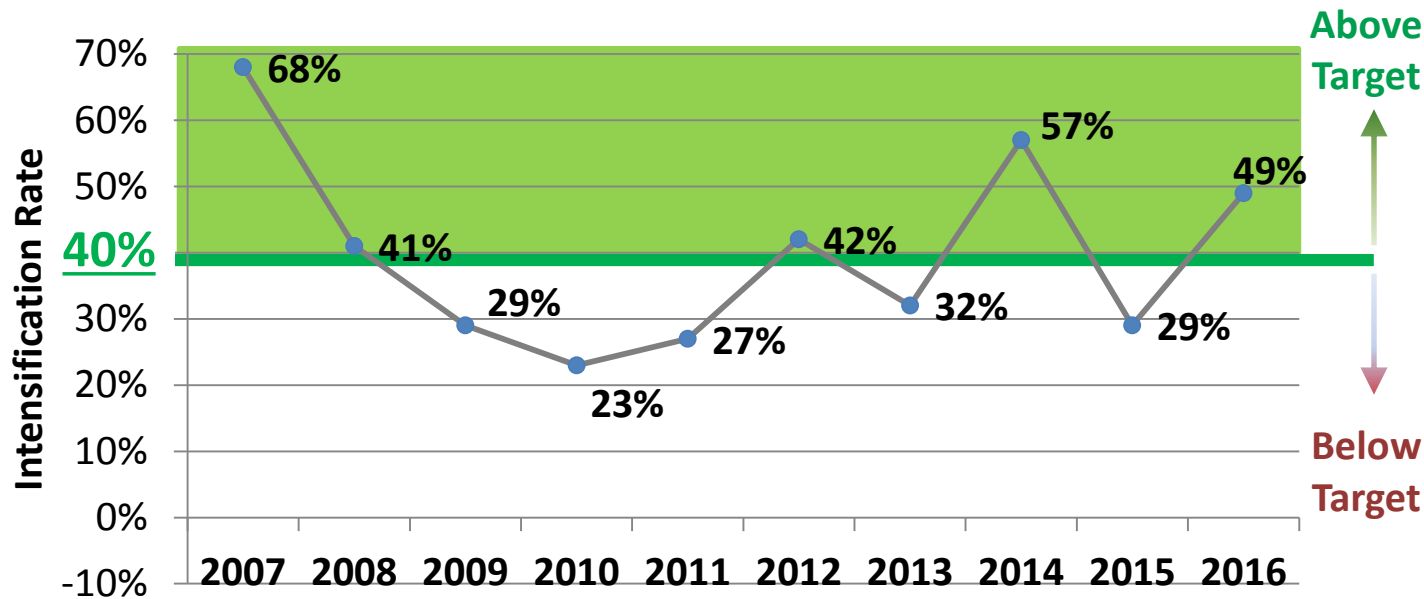
- Built-Up Area (BUA)
- Designated Greenfield Area (DGA)
- City Limit
- Roads



Growth Management: Context

Residential Intensification Rate

2007-2016 Intensification Rate

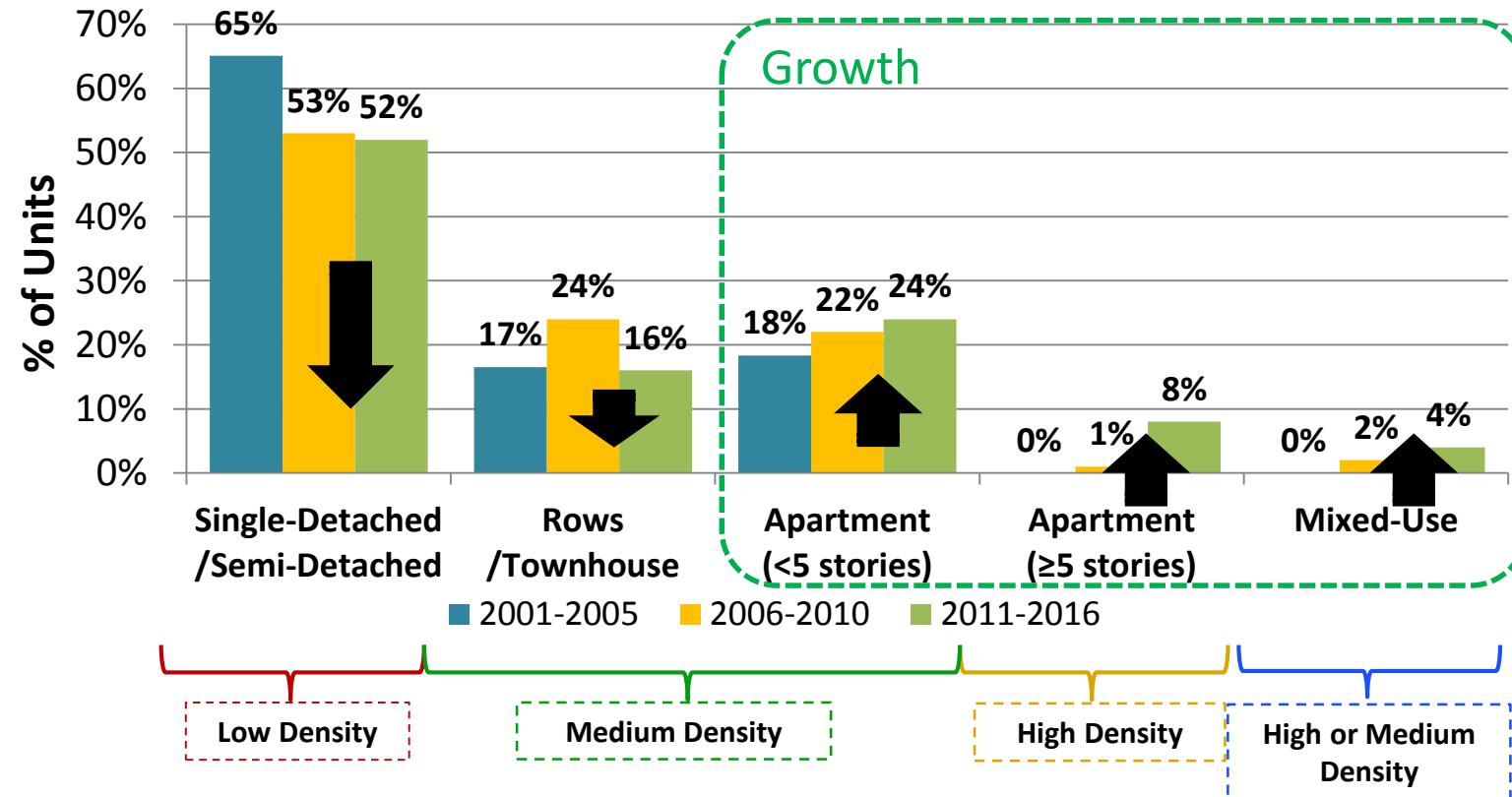


2007-2016: 340 units/year

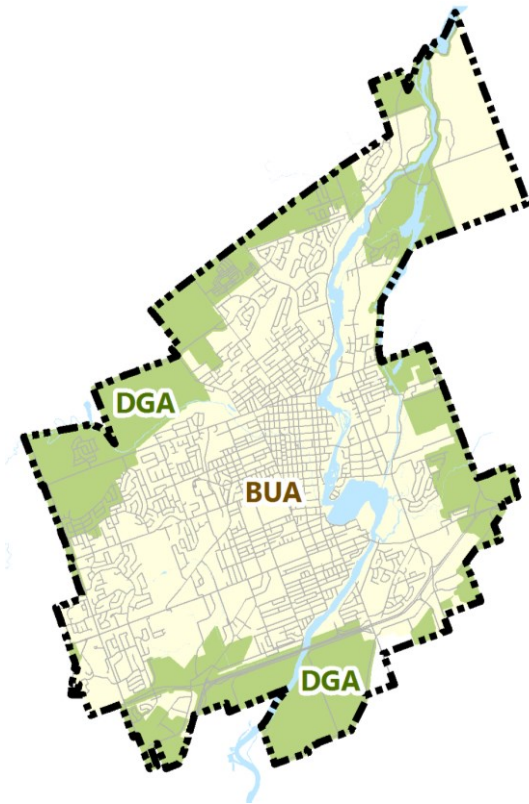


Density Target Rate

2001-2016 Residential Growth by Type

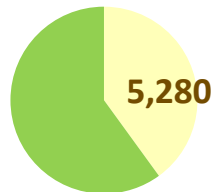


Growth Management Scenarios



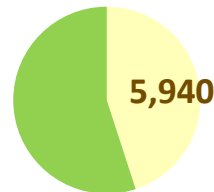
2016-2041: +13,200 units

**Scenario 1
(40/60)**

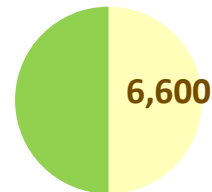


**Less
Compact**

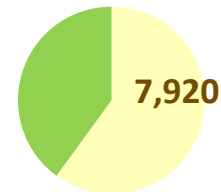
**Scenario 2
(45/55)**



**Scenario 3
(50/50)**



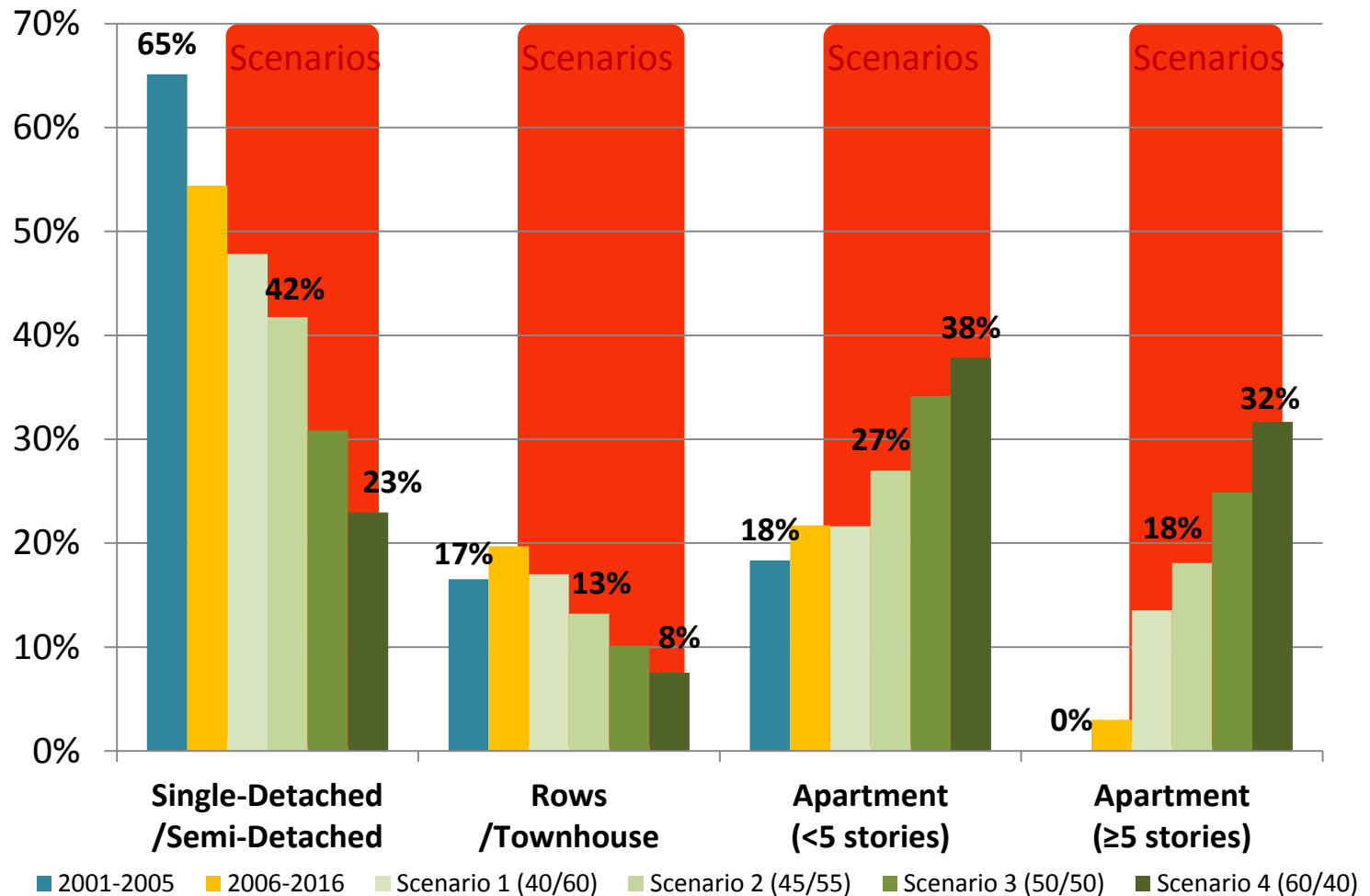
**Scenario 4
(60/40)**



**More
Compact**

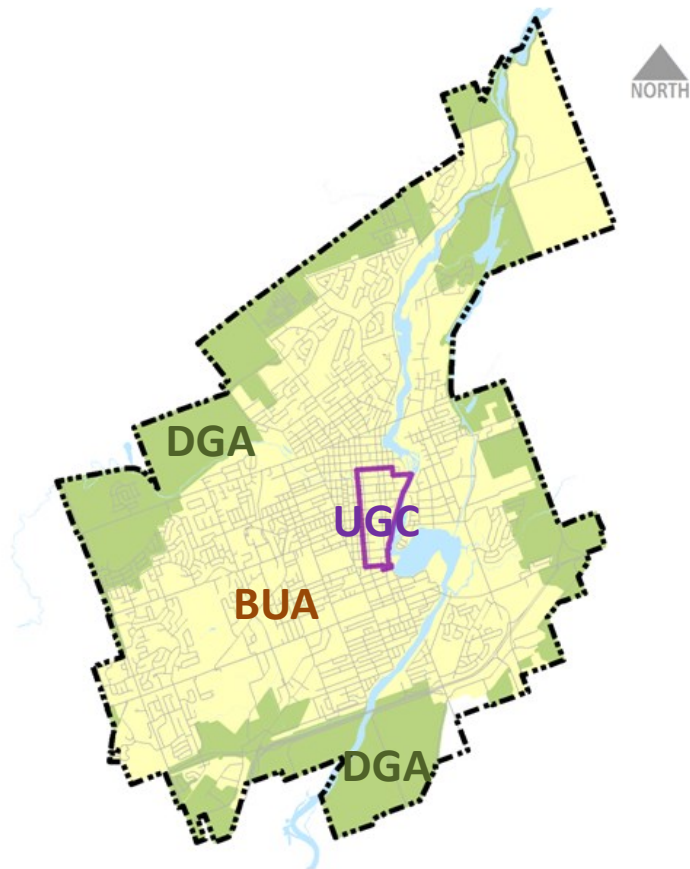


2001-2041 Residential Growth by Type



Growth Management Model

Residential Intensification Scenarios



	Scenario 1 (40/60)	Scenario 2 (45/55)	Scenario 3 (50/50)	Scenario 4 (60/40)
UGC	760 units	920 units	1,090 units	1,420 units
BUA	4,520 units	5,940 units	5,510 units	6,500 units
DGA	7,920 units	7,260 units	6,600 units	5,280 units

Growth Management Public Engagement

Growth Management Survey

- 1 311 participants (↑520)

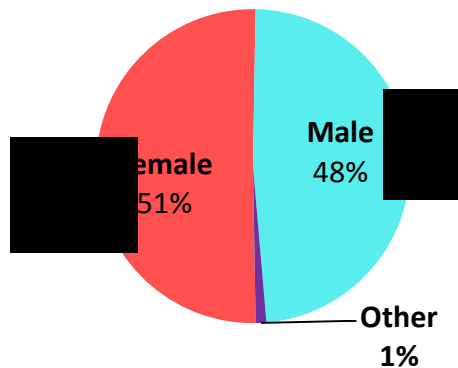


- Working Group Networks

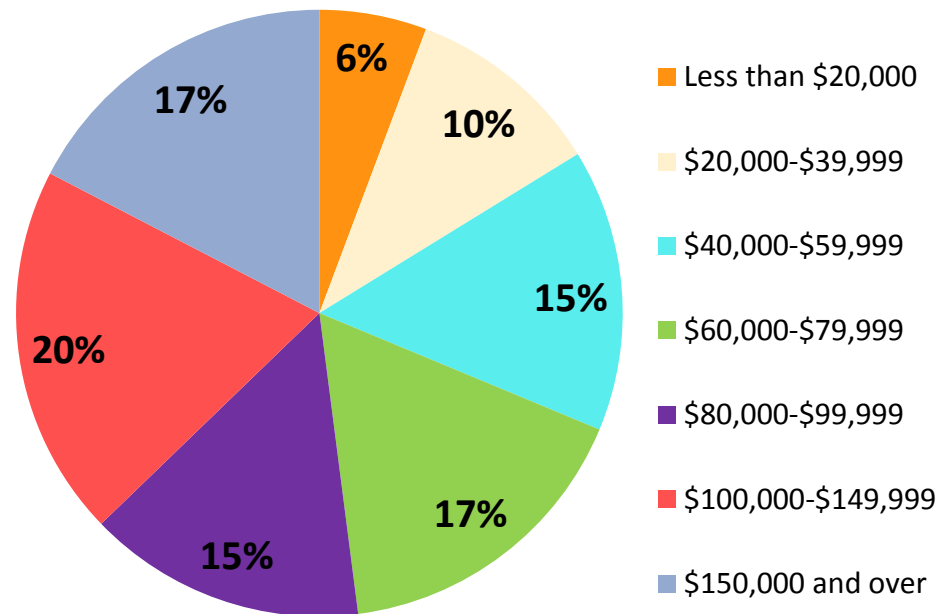
0% 10% 20% 30%

Growth Management Survey

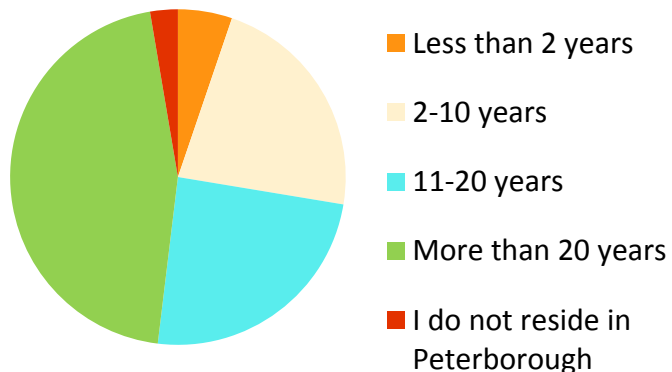
What is your gender? (n=914)



What is your annual household income? (n=857)

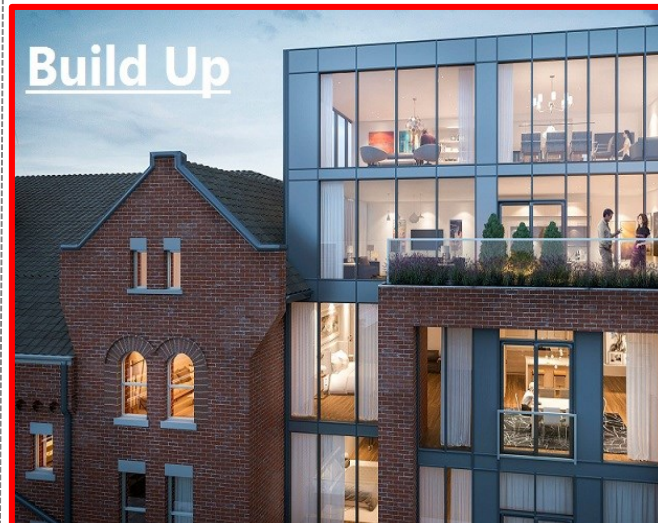
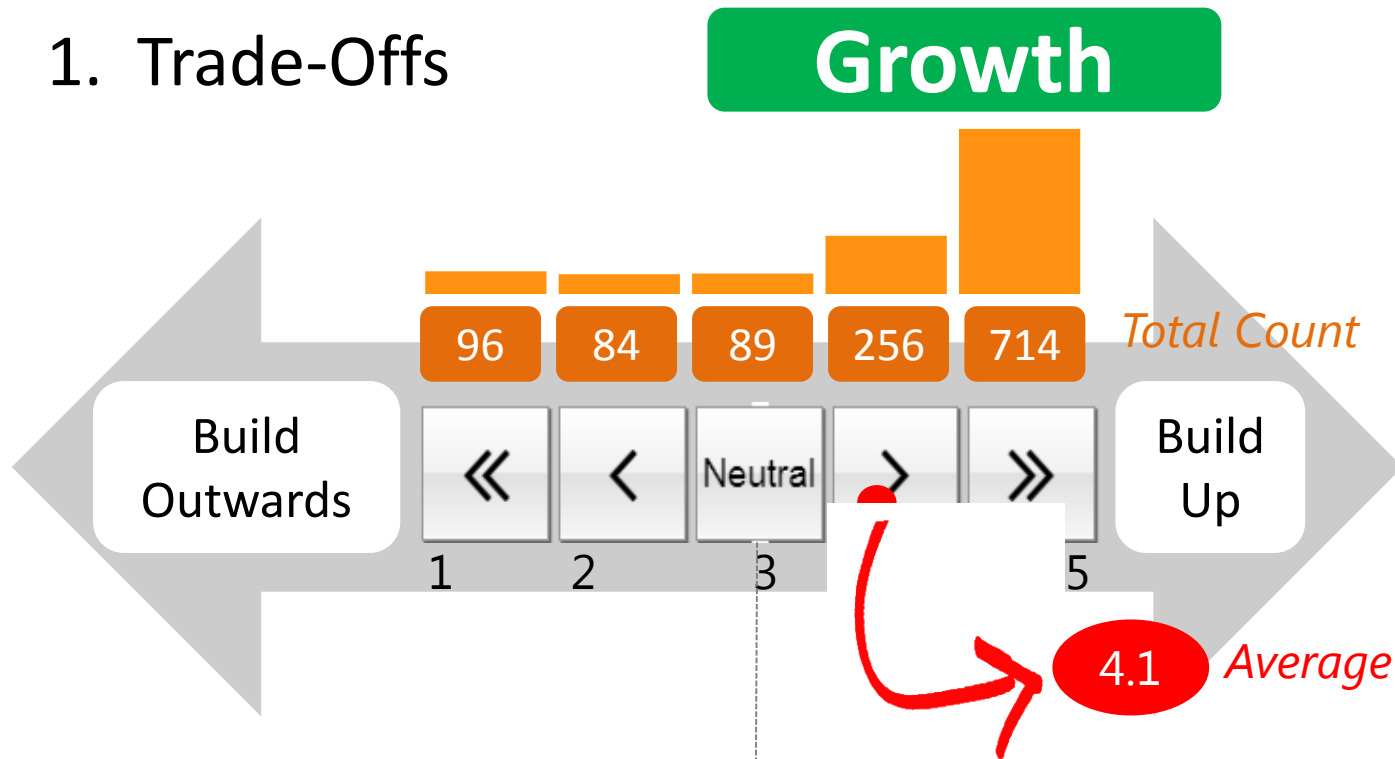


How long have you lived in Peterborough? (n=938)



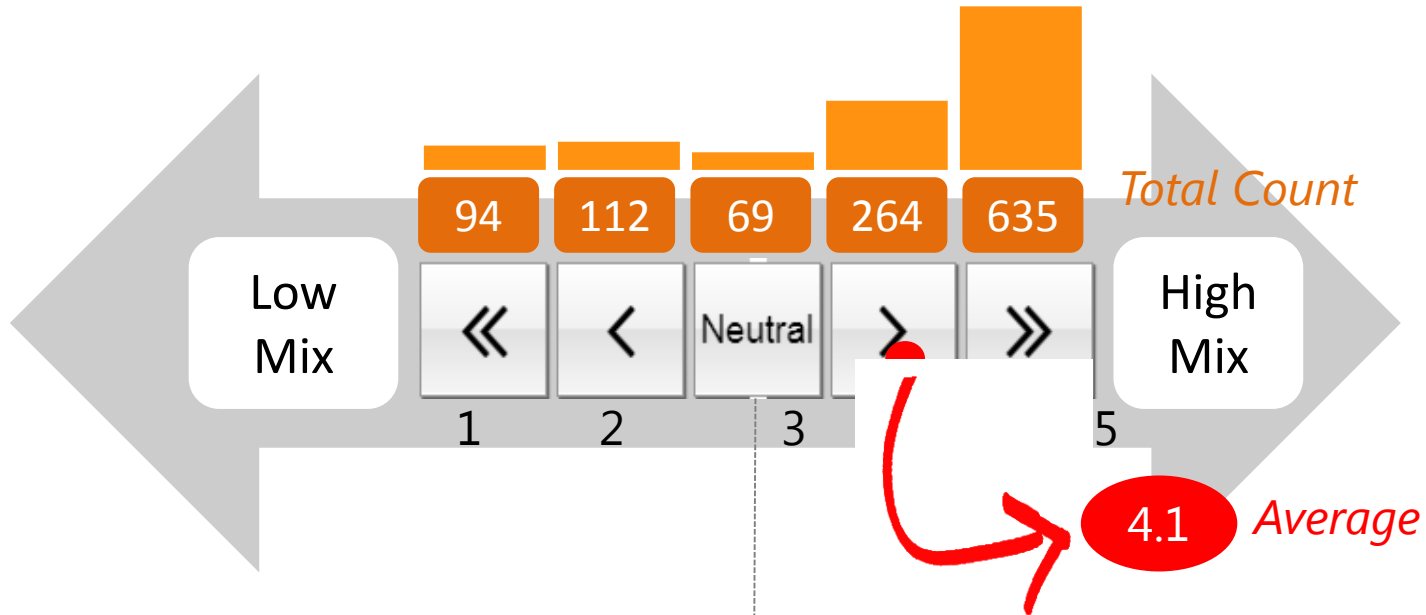
2016 Census Median Household Income: \$58,127

1. Trade-Offs



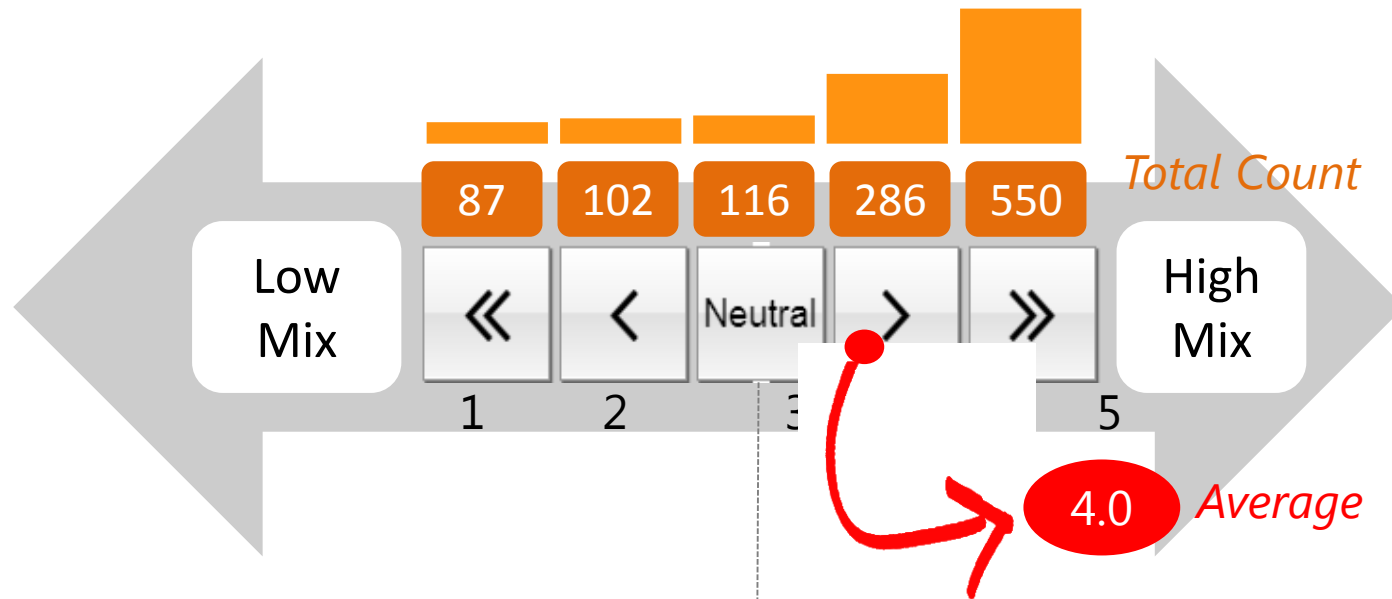
1. Trade-Offs

Neighbourhoods



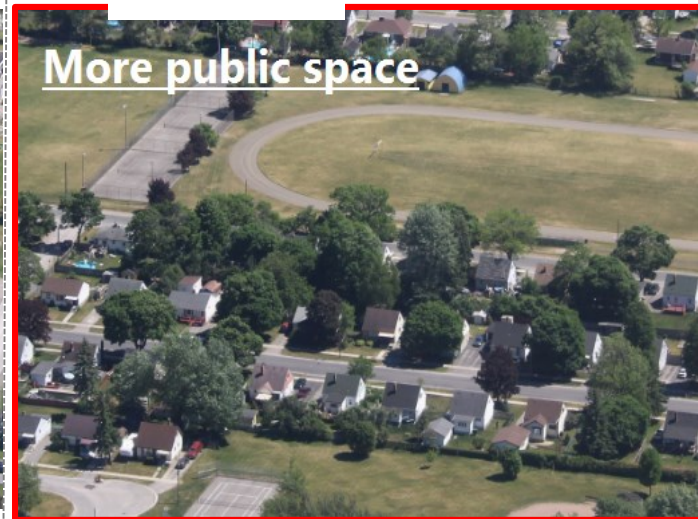
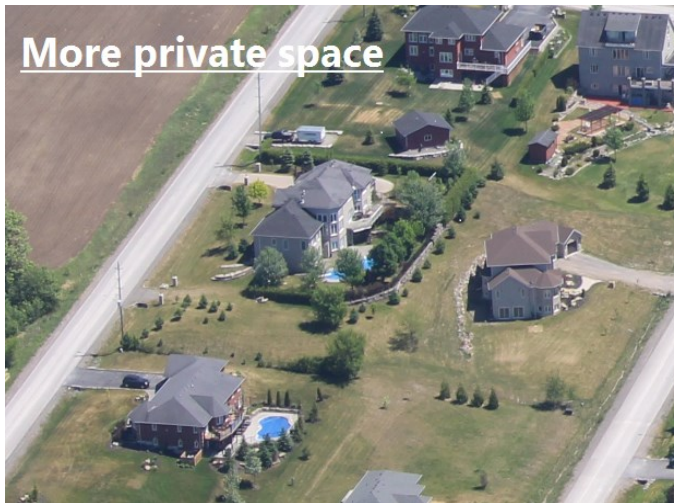
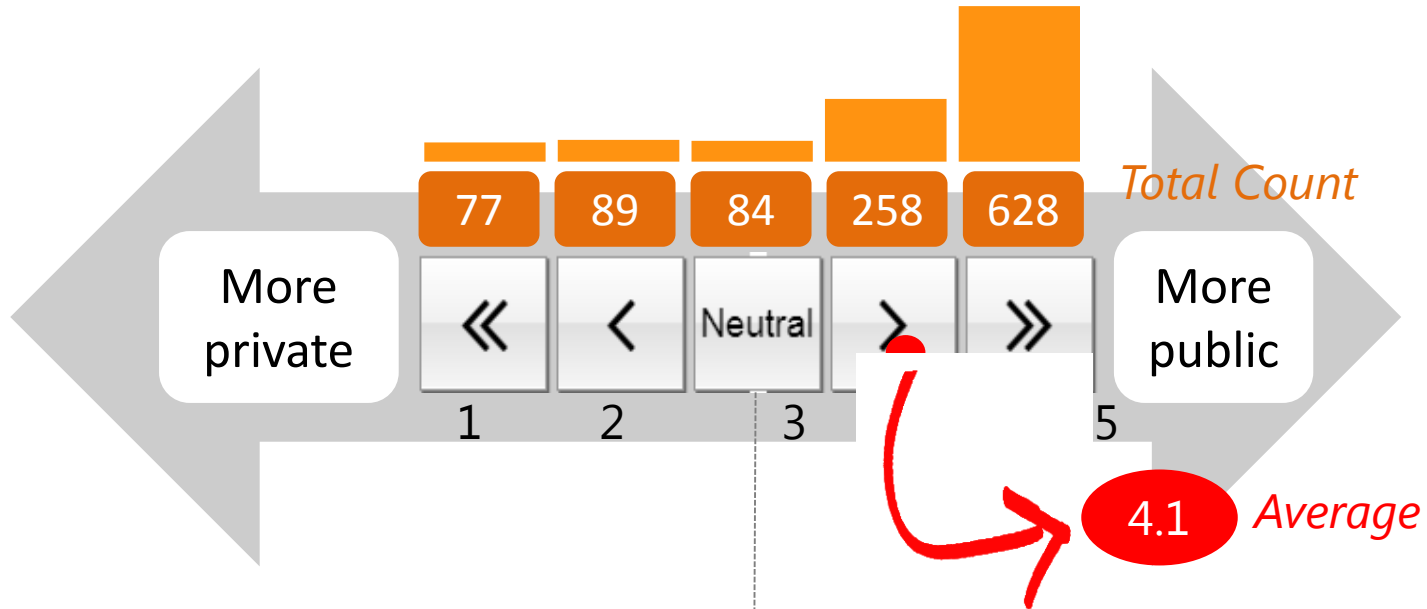
1. Trade-Offs

Stores & Services



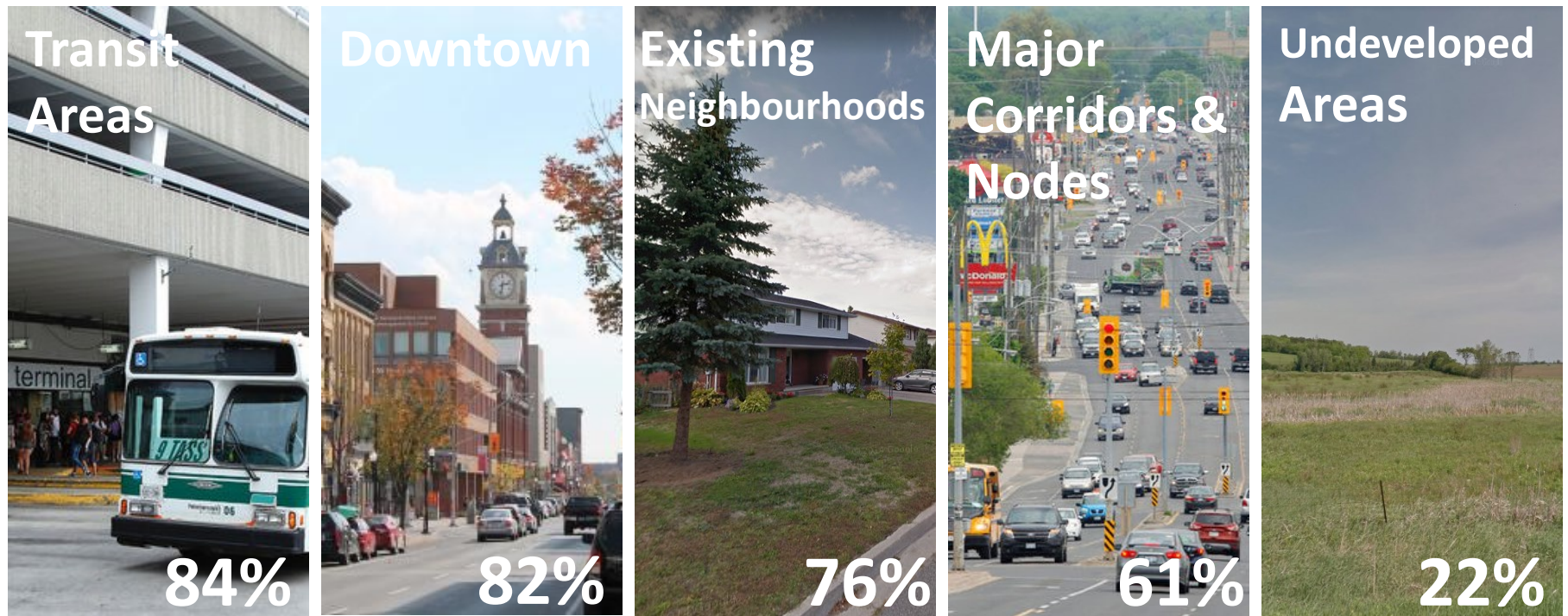
1. Trade-Offs

Parkland



Growth Management Survey

2. Growth Areas Rating



% of participants "Agree/Strongly Agree" growth and development

Growth Management Survey

3. Housing Trends



90%

Mixed-Use
Residential



89%

Low/Mid-Rise
Apartments



64%

Townhouses



49%

High-Rise
Apartments



26%

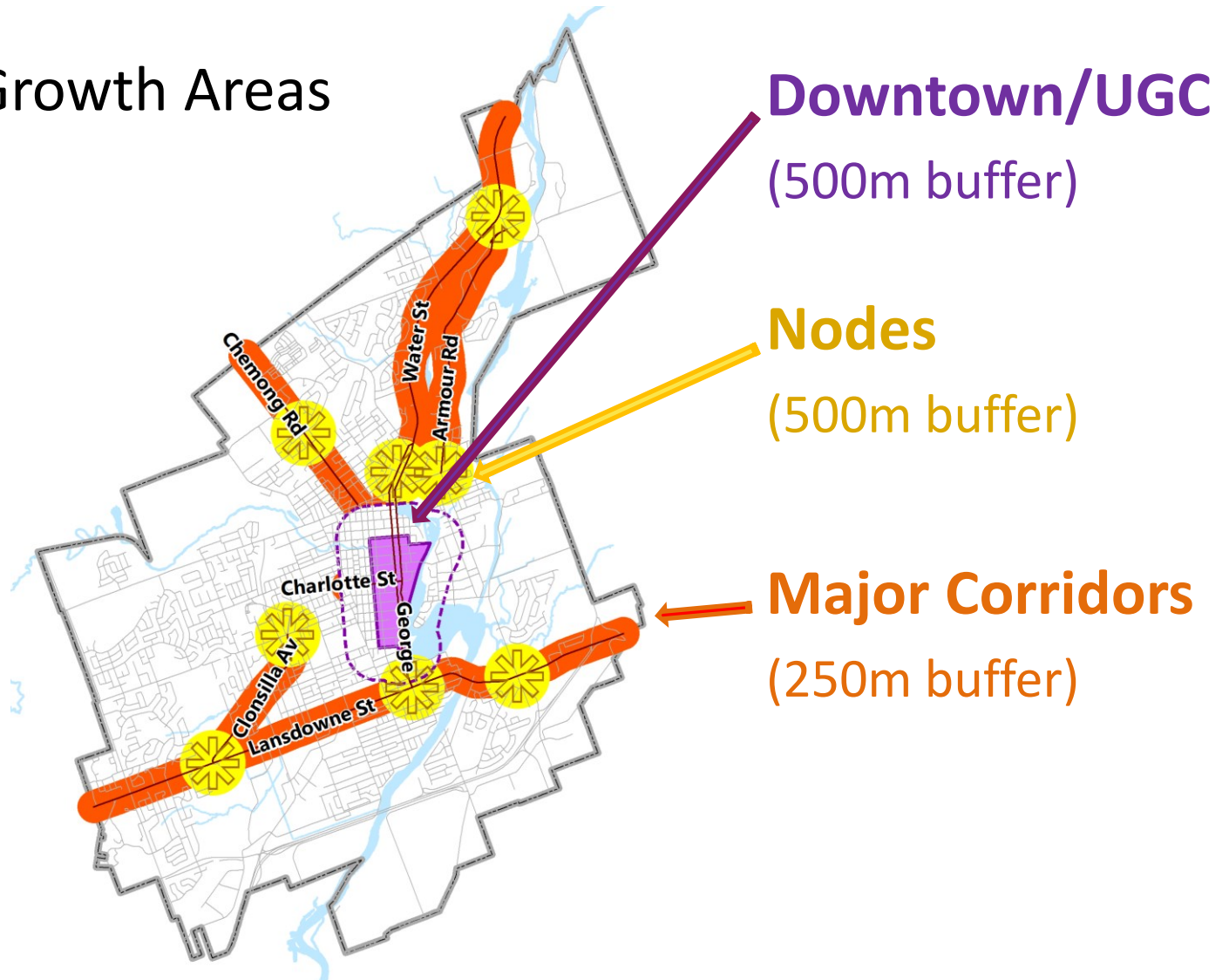
Single/Semi-
Detached

**% of participants
indicating
“Agree/Strongly
Agree”**

Land Use and Transportation

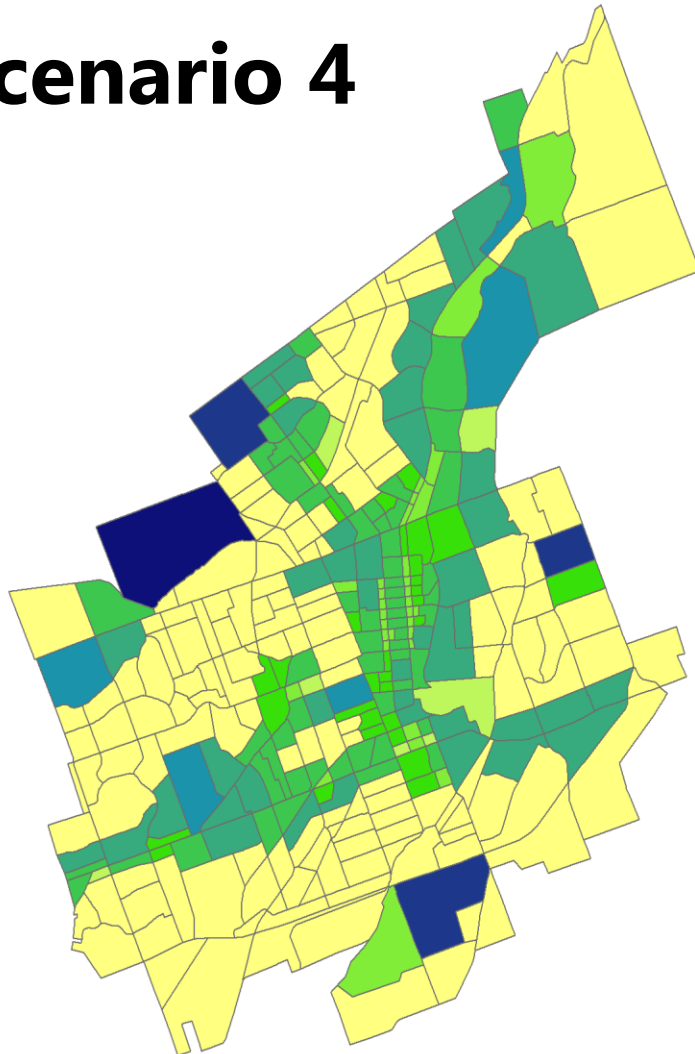
Land Use and Transportation

Strategic Growth Areas

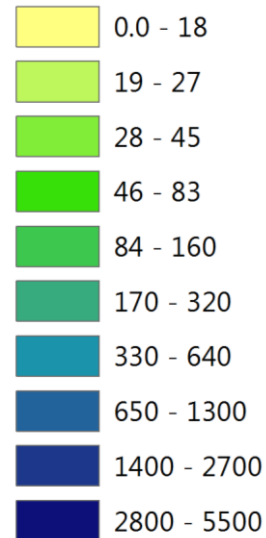


Residential Growth

Scenario 4



Legend (Population Growth)



Residential Growth Split (BUA)

Downtown (25%)

Nodes (40-42%)

Corridors (35-38%)

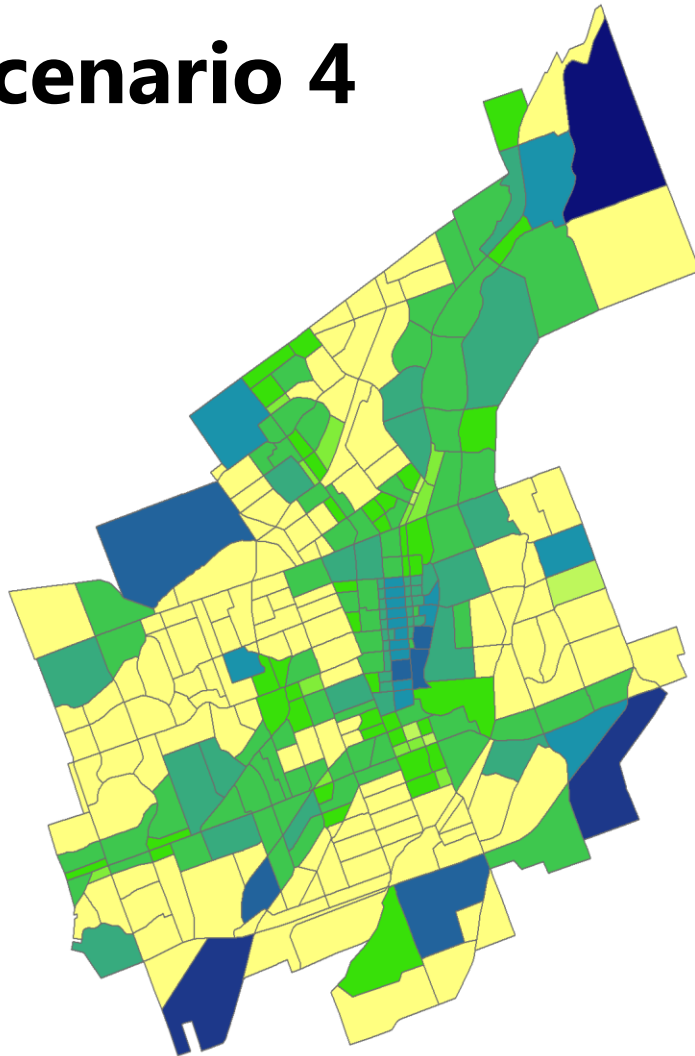


2016-2041:

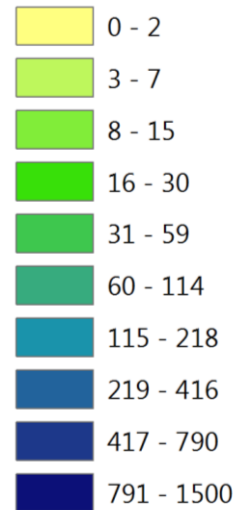
+31,500 people

Employment Growth

Scenario 4



Legend (Job Growth)



Job Growth Split (BUA)

Downtown (25%)

Nodes (40-42%)

Corridors (35-38%)



2016-2041:

+14,000 jobs

City-wide Transportation Model

- Based on Transportation Tomorrow Survey (2011)
- Uses population and employment forecasts to predict travel activity.
- Transportation Tomorrow Survey looks at who is making trip, purpose of trip (i.e. home to work), in which traffic zone, and what mode they are using:
 - Transit,
 - Walk-Cycle
 - School Bus
 - Auto (passenger or driver).

Trips by Travel Mode & Length

Measure	Today	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Transit Trips *	4.2%	4.3%	4.3%	4.3%	4.4%
Walk / Cycle Trips*	6.9%	7.1%	7.1%	7.1%	7.2%
Auto Driver Trips*	67.5%	67.2%	67.2%	67.1%	67.0%
Measure	Today	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Average Trip Length (km)	4.79	5.03	4.99	4.95	4.88
Trips Under 2 km in Length	(14.5%)	(13.6%)	(13.9%)	(14.2%)	(14.8%)
Trips Under 5 km in Length	(59.6%)	(55.5%)	(56%)	(56.7%)	(57.9%)

* Based on current infrastructure and services

Transportation Network Performance

Growth results in:

- 46% increase in veh-hours traveled, and
- 38% increase in veh-km traveled

PM Peak Hour Performance of Road Network

Measure	Today	2041 Scenario 1	2041 Scenario 2	2041 Scenario 3	2041 Scenario 4
Vehicle Hours Traveled ^{1,2}	2,020	2,950	2,950	2,940	2,925
Vehicle-km Traveled ^{1,2}	107,800	149,500	149,300	149,000	148,200
Road Links Over Capacity (v/c > 1.0)	1.6 km	23.7 km	22.0 km	22.5 km	21.8 km

Assumes no road network improvements

Transportation Key Findings

- All land use scenarios provide similar transportation performance.
- Difference between growth scenarios is not large enough to differentiate transportation performance.
- Scenario 4 provides best benefits to transportation system
 - Lowest trip lengths
 - Highest potential for non-auto trip making
 - Lowest travel demand, emissions, and road widening needs
 - Highest overall self containment of trip making

Draft MetroQuest Surveys

1) Transportation Survey



2) Land Use Survey



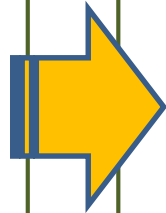
Land Needs Assessment

Land Needs Assessment

2016-2041:

**+31,500
people**

**+14,000
jobs**



**Provincial
Guidelines**

Intensification
Strategy

Housing
Strategy

Employment
Strategy



Land Needs:

Employment Area



Community Area

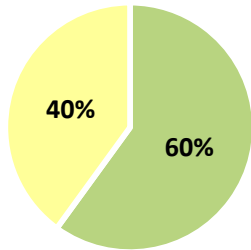


- Excess Lands
- Boundary Expansion

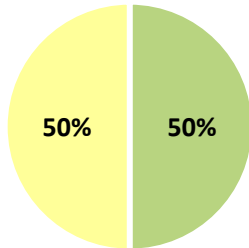
Land Needs Assessment: Context

3. Residential Intensification Target

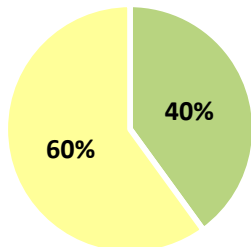
**Previous Target
/Current OP**







New OP-2031

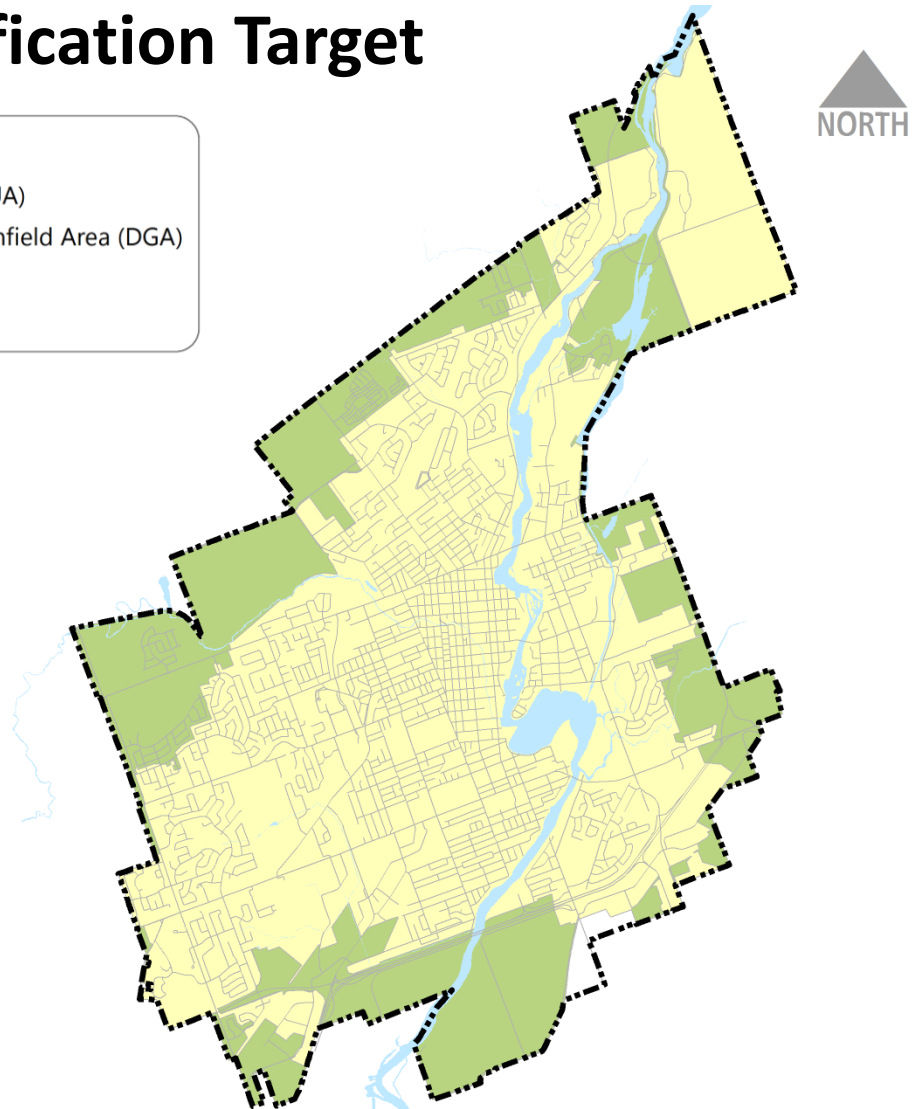


2031-2041



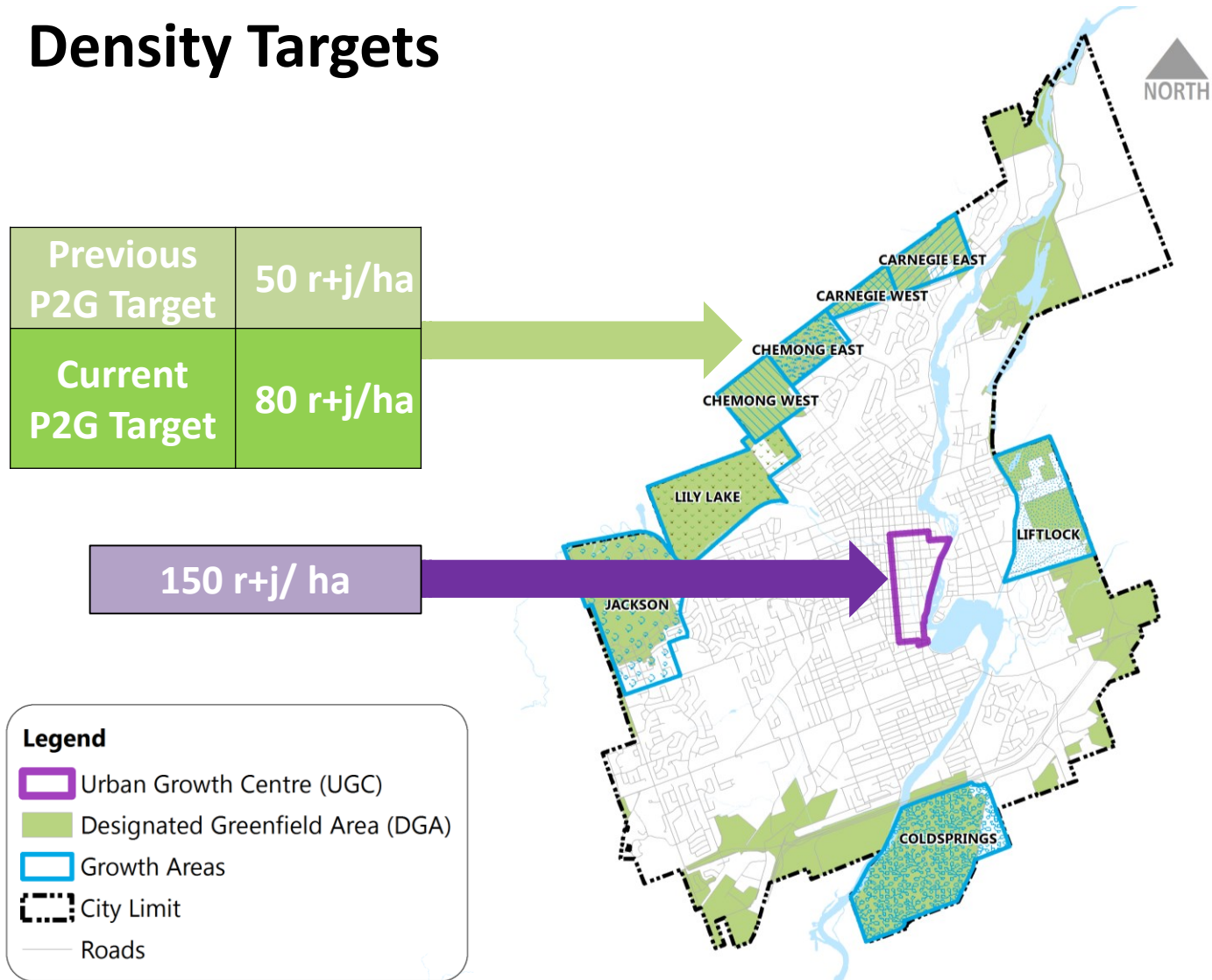
Legend

-  Built-Up Area (BUA)
-  Designated Greenfield Area (DGA)
-  City Limit
-  Roads



Land Needs Assessment: Context

2. Density Targets



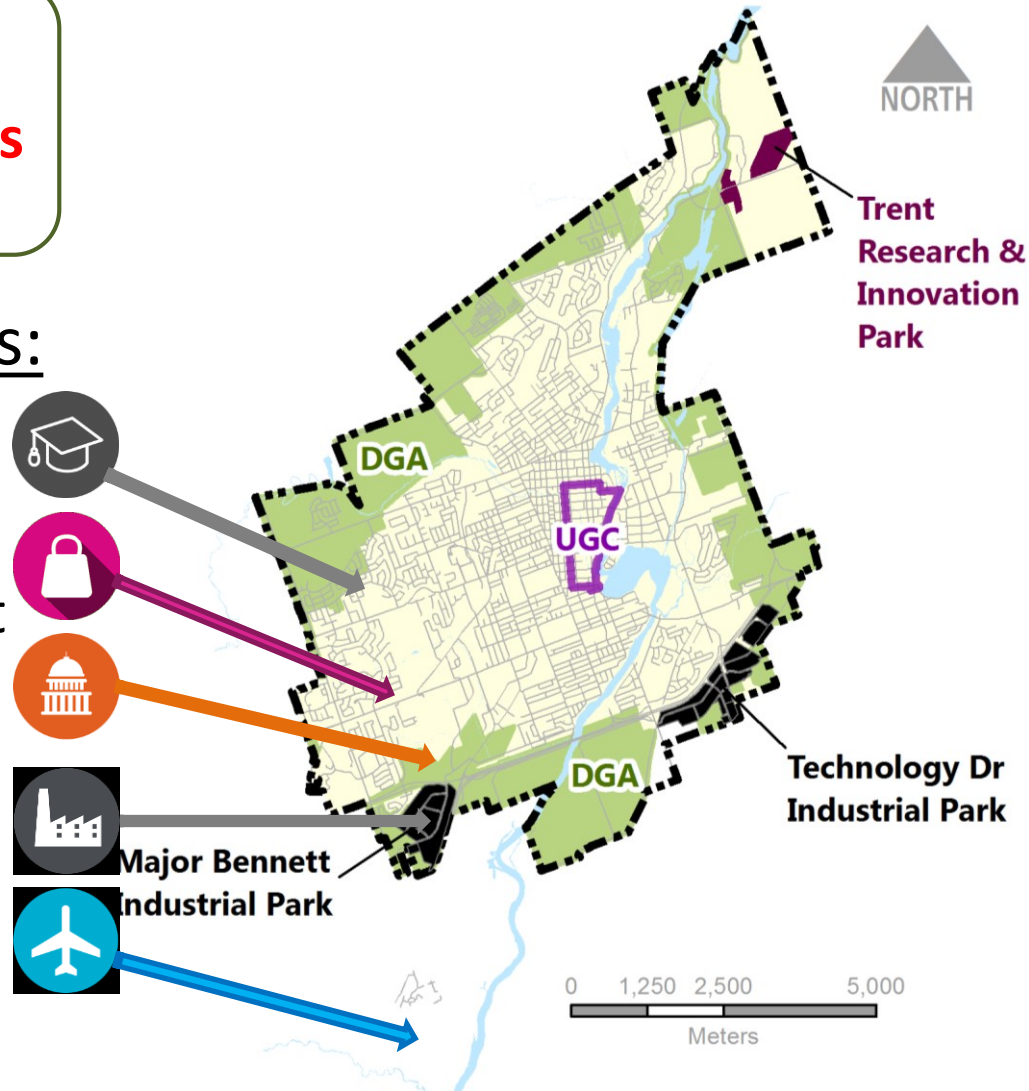
Land Needs Assessment : Employment

2016-2041:

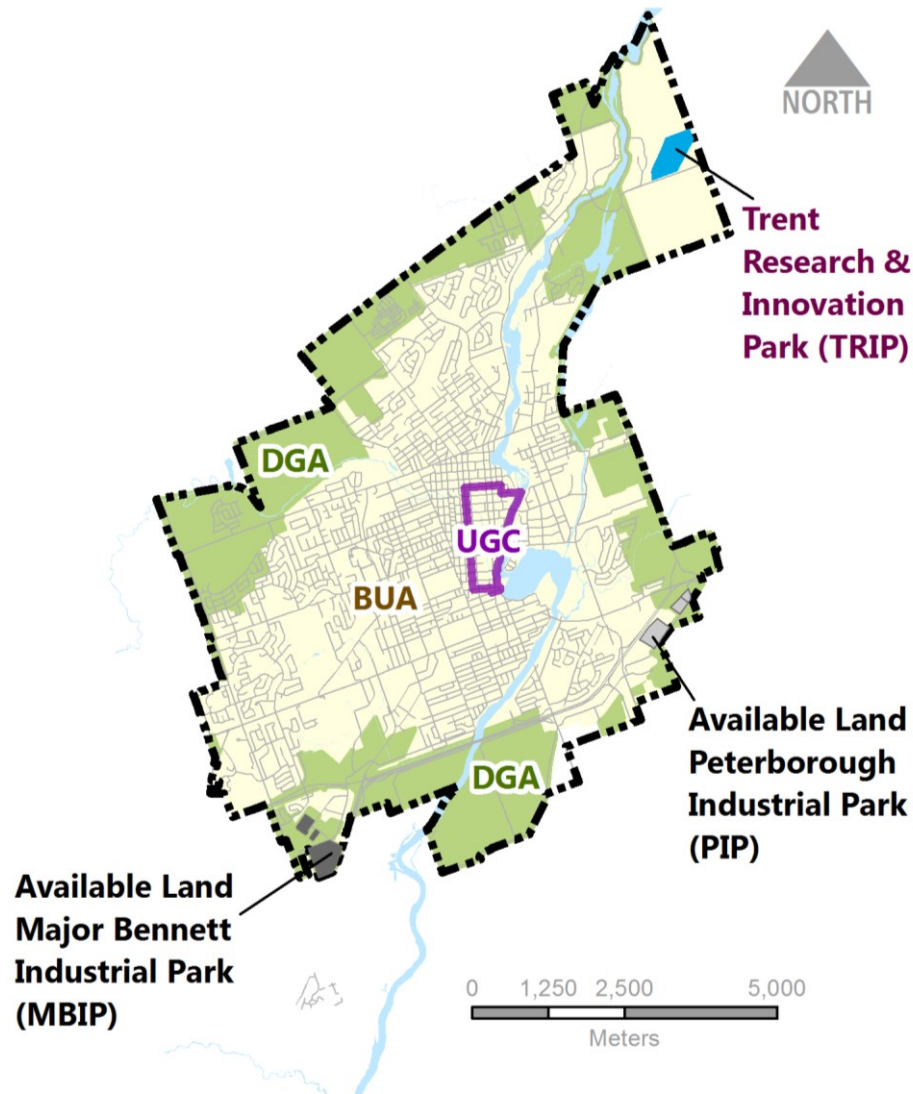
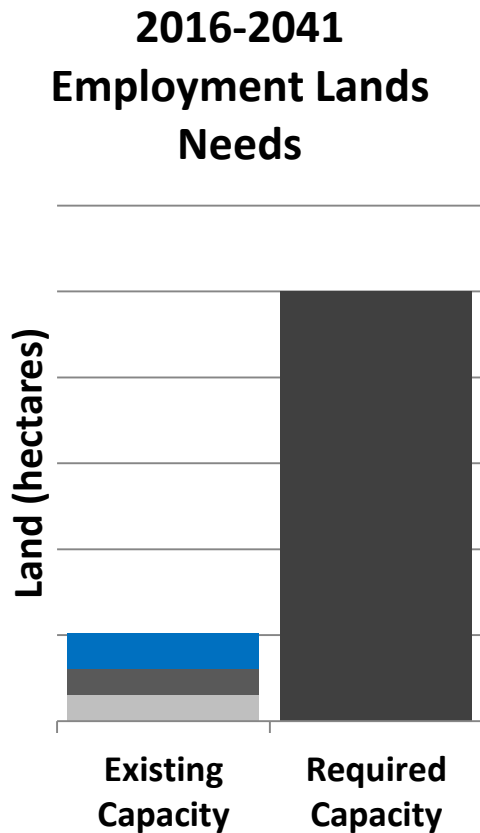
14,000 new jobs

Job generators:

- 1) Population-Related
- 2) Employment Lands



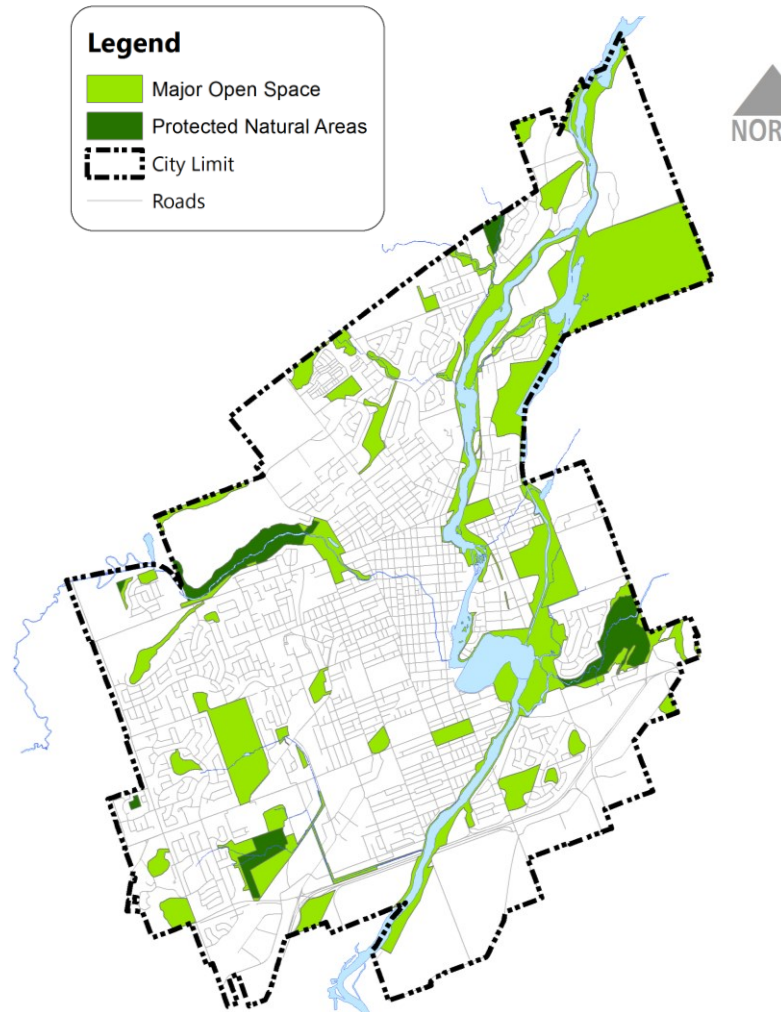
Land Needs Assessment: Employment



Natural Heritage System

Natural Heritage System

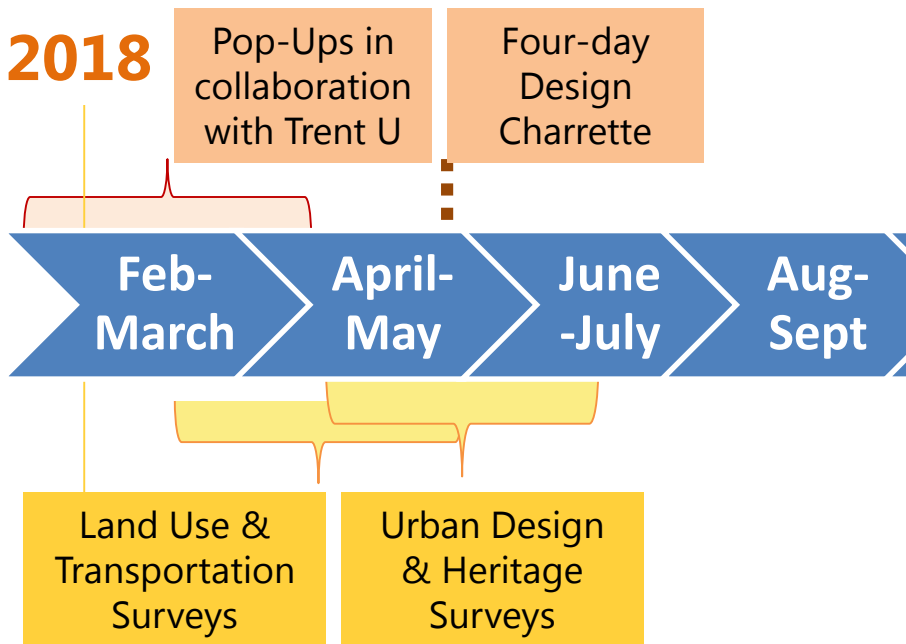
- Beacon Environmental Limited was awarded contract in December.
- Kick-off meeting in January with NHS Technical Advisory Group.
- Field work has commenced and public engagement approach TBD.



Official Plan Schedule

Official Plan Schedule

Consultation



February

- Arts Cultural & Heritage Advisory Committee
- Downtown Business Improvement Area Board of Management

TBD

- Curve Lake First Nation
- Hiawatha First Nation
- Friendship Centre
- Architectural & Conservation Advisory Committee

Project Timelines



Recommendations

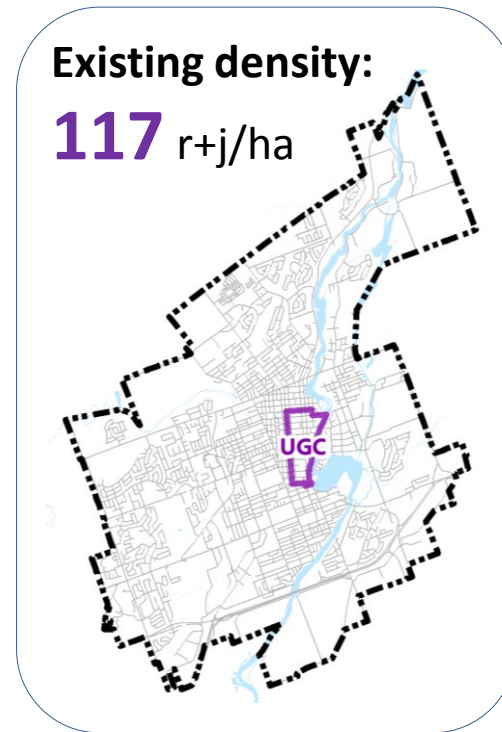
Public Engagement

- b) Endorsement of public engagement framework
- c) Community Design Charrette & Architectural and Urban Design Guidelines for Intensification of BUA
- d) Sole Sourcing to The Planning Partnership and Lett Architects

Recommendations – e)

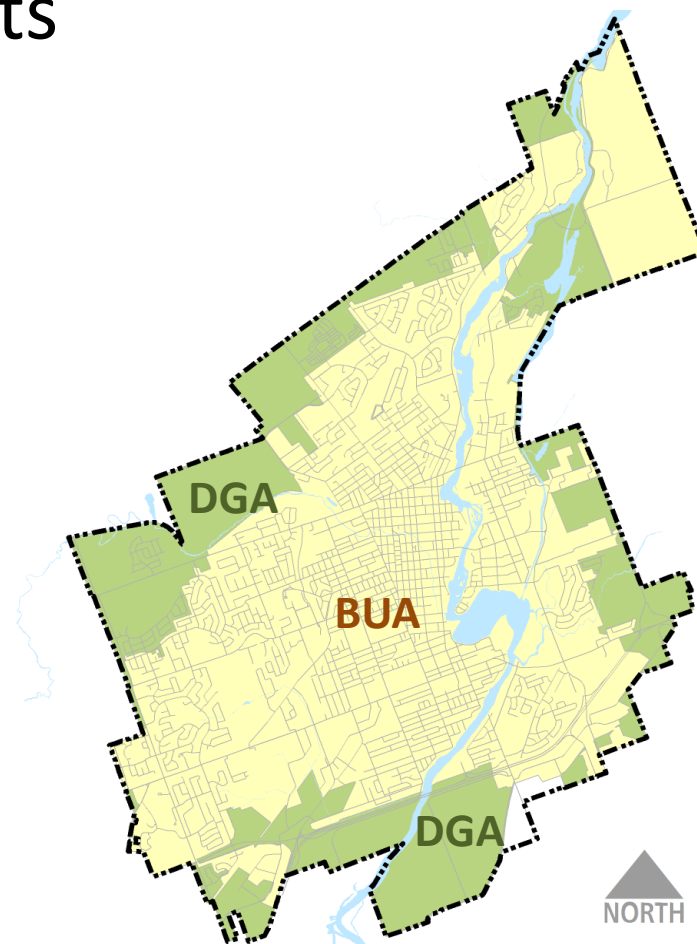
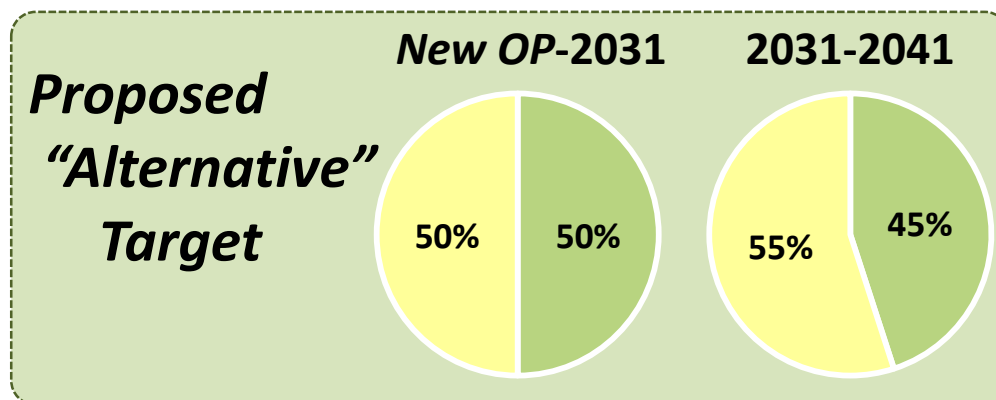
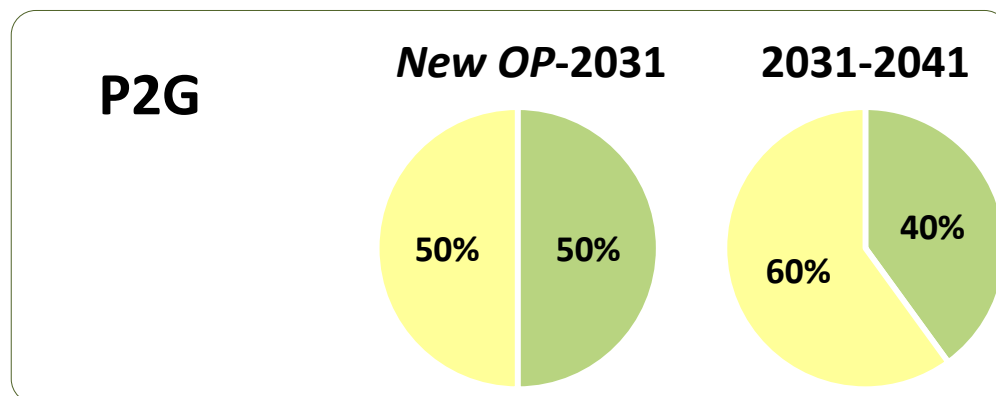
Places to Grow Act

- i) Adopt already prescribed target of 150 residents and jobs per hectare for the Downtown.



Recommendations – Places to Grow Act

ii and iii) Intensification Targets



Recommendations – Places to Grow Act

iv) Intensification Targets

P2G

80 r+j/ha by 2041

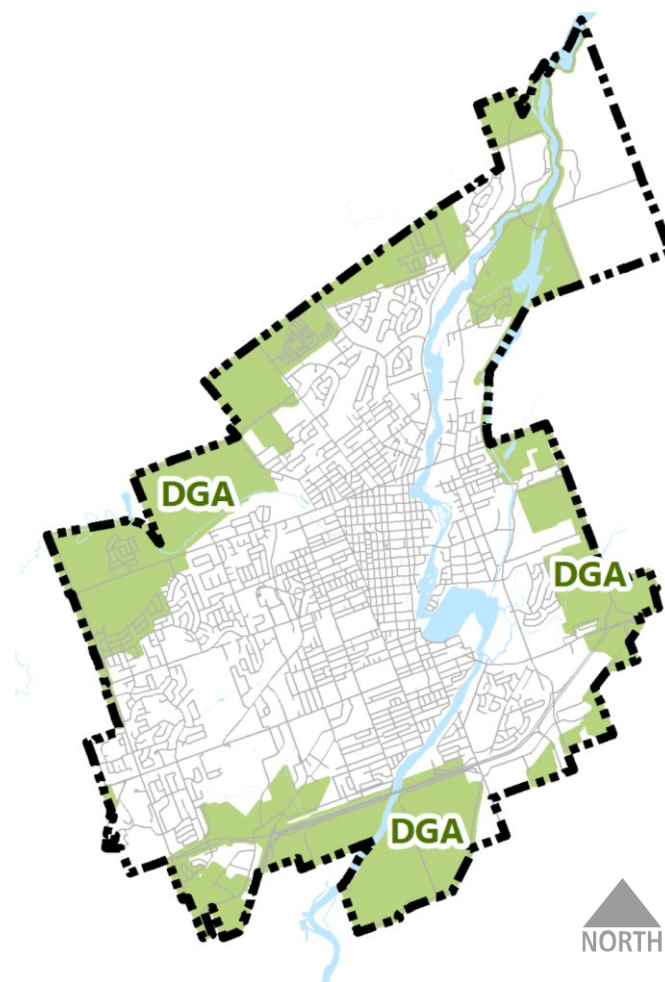
(includes existing and approved)

***Proposed
“Alternative”
Target***

55 r+j/ha by 2031

60 r+j/ha 2031-2041

(new subdivisions only)



Questions