

Outline

Land Assessment Presentation

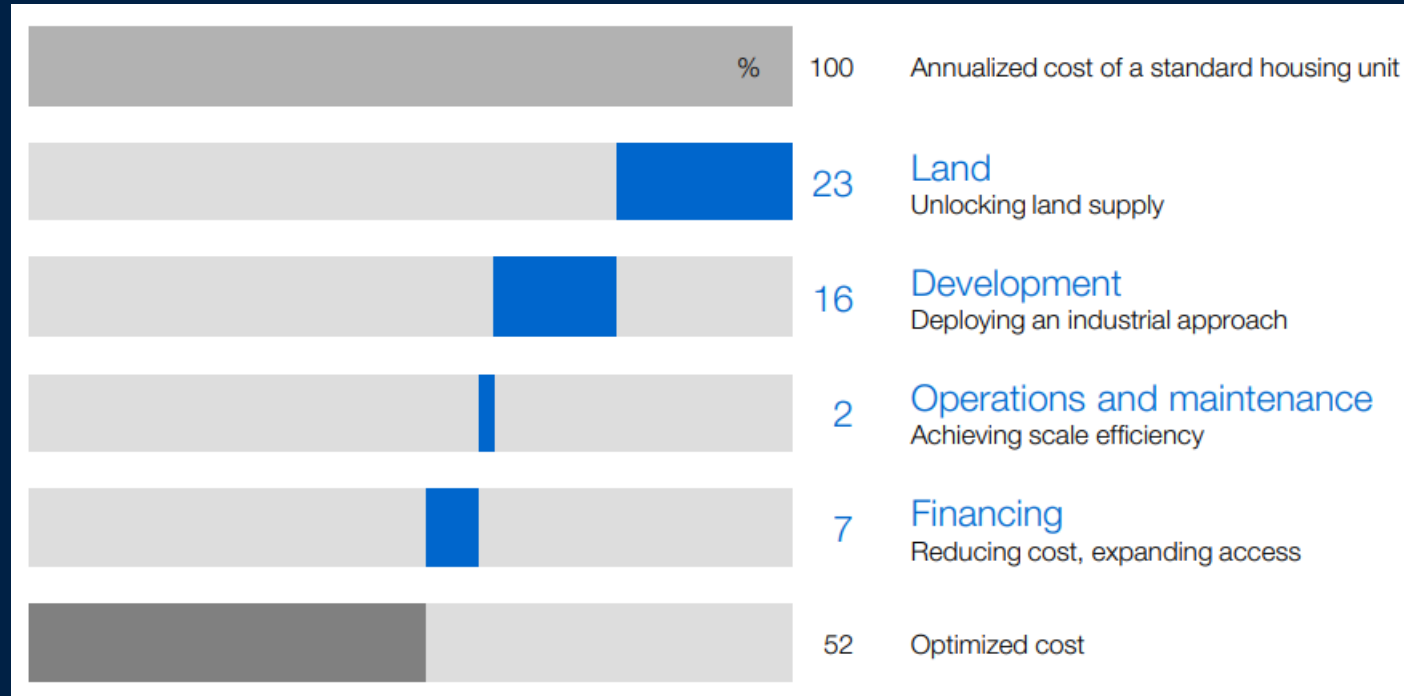
- Objectives
- Methods
- Demonstration
- Timeline

Questions

Small Group Discussion



Introduction



Source: McKinsey, 2014



Research Questions

1. Where is the government-owned land that might be used to reach affordable housing targets?
2. Which of those parcels are the most well-located for affordable housing?



Methods



Identifying potential sites



Assessing proximity to amenities

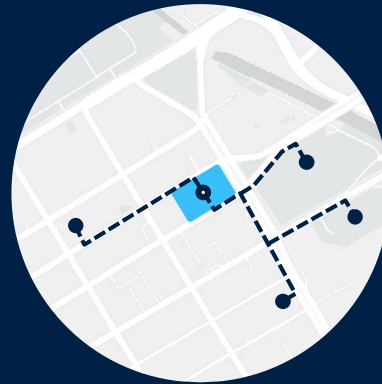


Identifying well-located land

Methods



Identifying potential sites

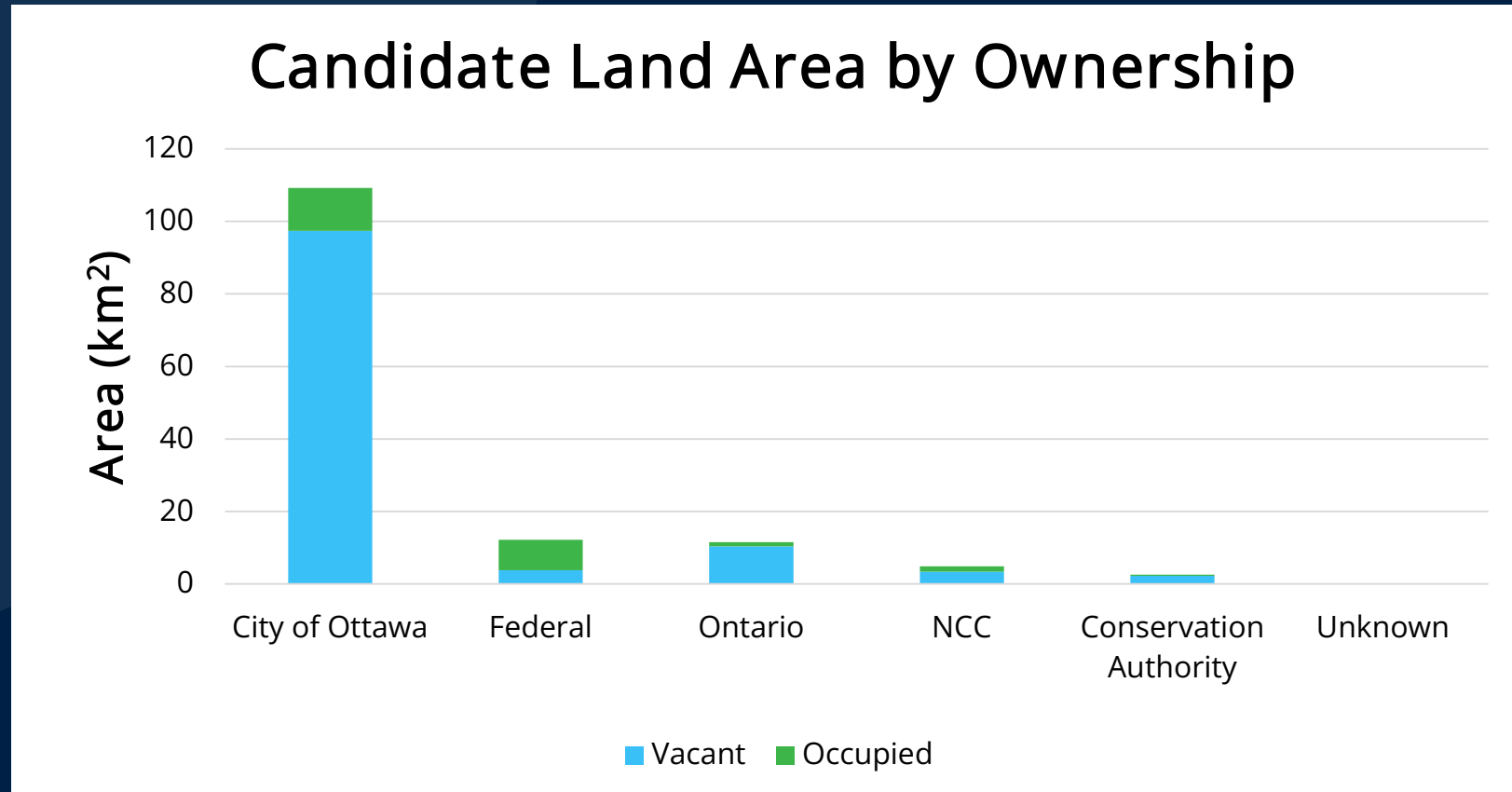


Assessing proximity to amenities



Identifying well-located land

Government-Owned Land



Exclusion Criteria

Parcel Geometry

Current Use

Exclusion Areas



Exclusion Criteria

Parcel Geometry

- Minimum lot size and width
- Narrow parcels

Current Use

Exclusion Areas



Exclusion Criteria

Parcel Geometry

- Minimum lot size and width
- Narrow parcels

Current Use

- Parks
- Roads
- Utilities
- Industrial land

Exclusion Areas



Exclusion Criteria

Parcel Geometry

- Minimum lot size and width
- Narrow parcels

Current Use

- Parks
- Roads
- Utilities
- Industrial land

Exclusion Areas

- Flood plains
- Environmental protection areas

Methods



Identifying potential sites



Assessing proximity to amenities



Identifying well-located land

Amenities



Child care



Pharmacies



Parks



Primary &
Secondary
Schools



Libraries



Grocery
stores



Healthcare

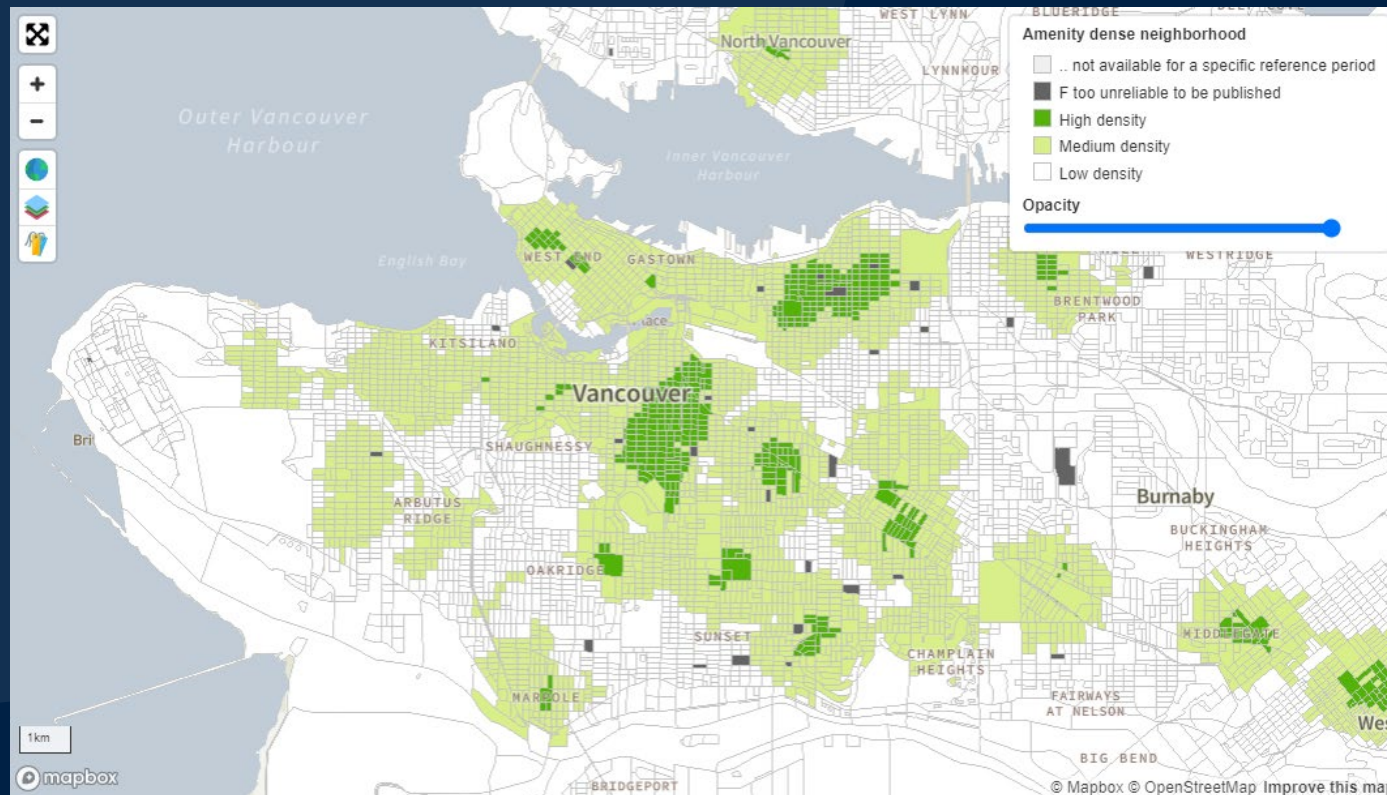


Community
centres



Public transit

Proximity Measures Database



Source: Statistics Canada, 2022

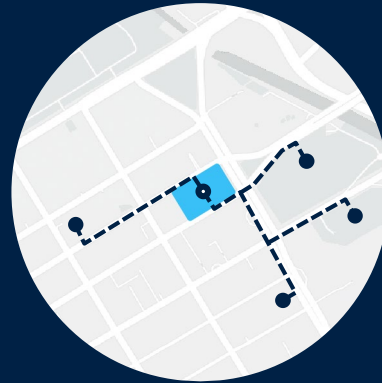
Benefits:

- Based on CMHC's own criteria
- Canada-wide coverage
- Incorporates level of service and multiple points of access

Methods



Identifying potential sites



Assessing proximity to amenities



Identifying well-located land

Scoring

Amenity	Distance Threshold	Points
Childcare	1.5 km	1
Primary schools	1.5 km	1
Secondary schools	1.5 km	1
Healthcare centres	3 km	1 (min.) 2 (max.)
Pharmacies	1 km	2
Parks	1 km	3
Grocery stores	1 km	2 (min.) 4 (max.)
Transit stops	1 km	2 (min.) 4 (max.)
Libraries	1 km	1
Community & recreation centres	1.5 km	1

Implications

- Co-locating affordable housing and civic services
- Transit-oriented development
- Improving advocacy



Timeline

November

December

January

February

March

Preliminary Mapping

Refining Methods, Incorporating Feedback

Final Maps



Questions?

hart.ubc.ca

Website

[@ubcHART](https://twitter.com/ubcHART)

Twitter

[/ubcHART](https://www.linkedin.com/company/ubcHART)

LinkedIn

HART@allard.ubc.ca

Email



Discussion

1. How would you plan to use our land assessment map?
What other questions would you seek to answer with a tool like this?
2. What challenges do you anticipate facing when integrating a tool like this into your land use planning processes?
How would you overcome them?

