



Fredericton

**Urban Forest
Management**

01-1

Fredericton 

**Urban Forest Management Strategy: Purpose
and Process**

Our Vision: To sustain a biodiverse urban forest throughout the city for a resilient environment and healthy community.

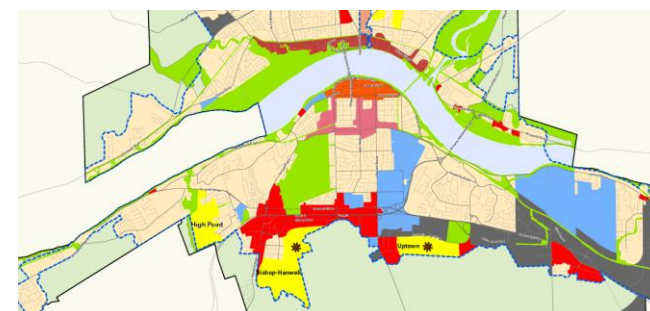
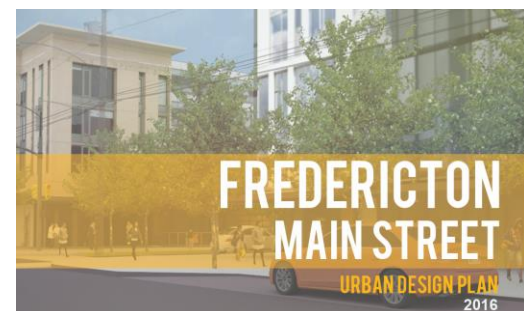
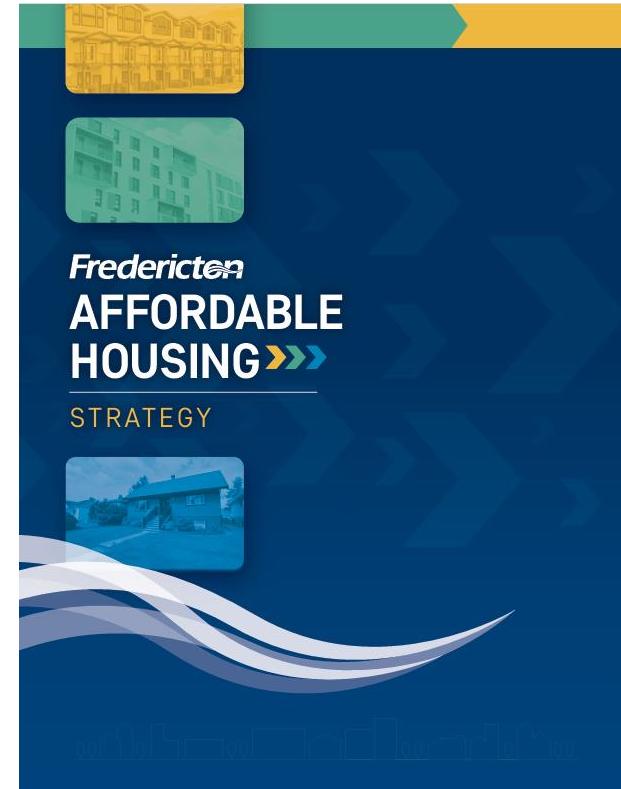
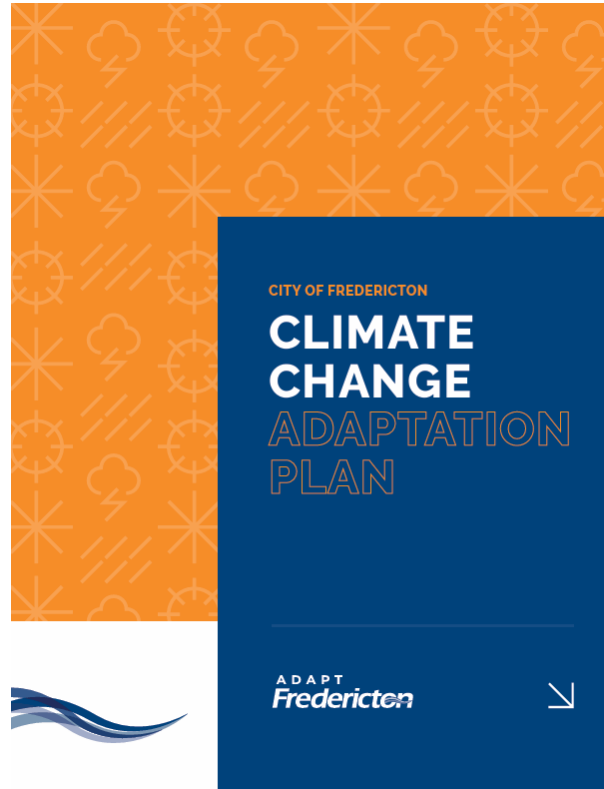
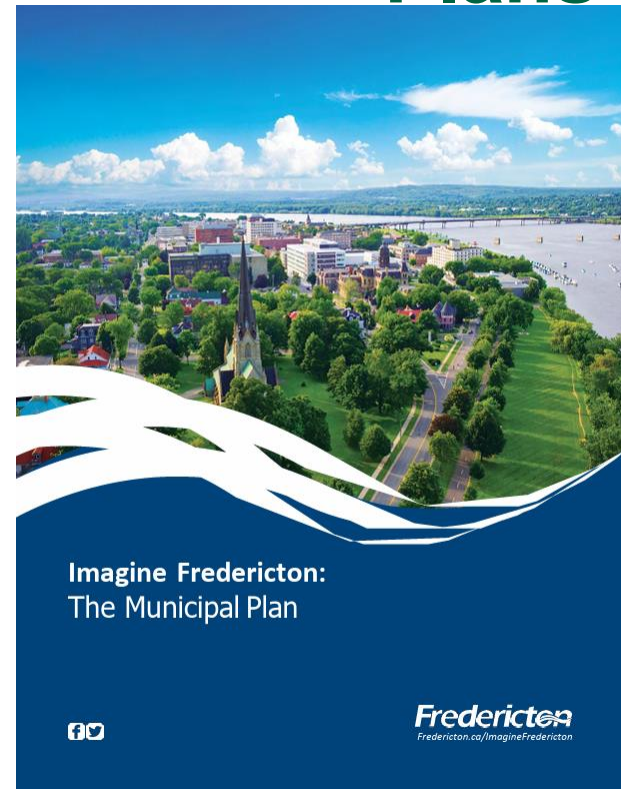


The Process

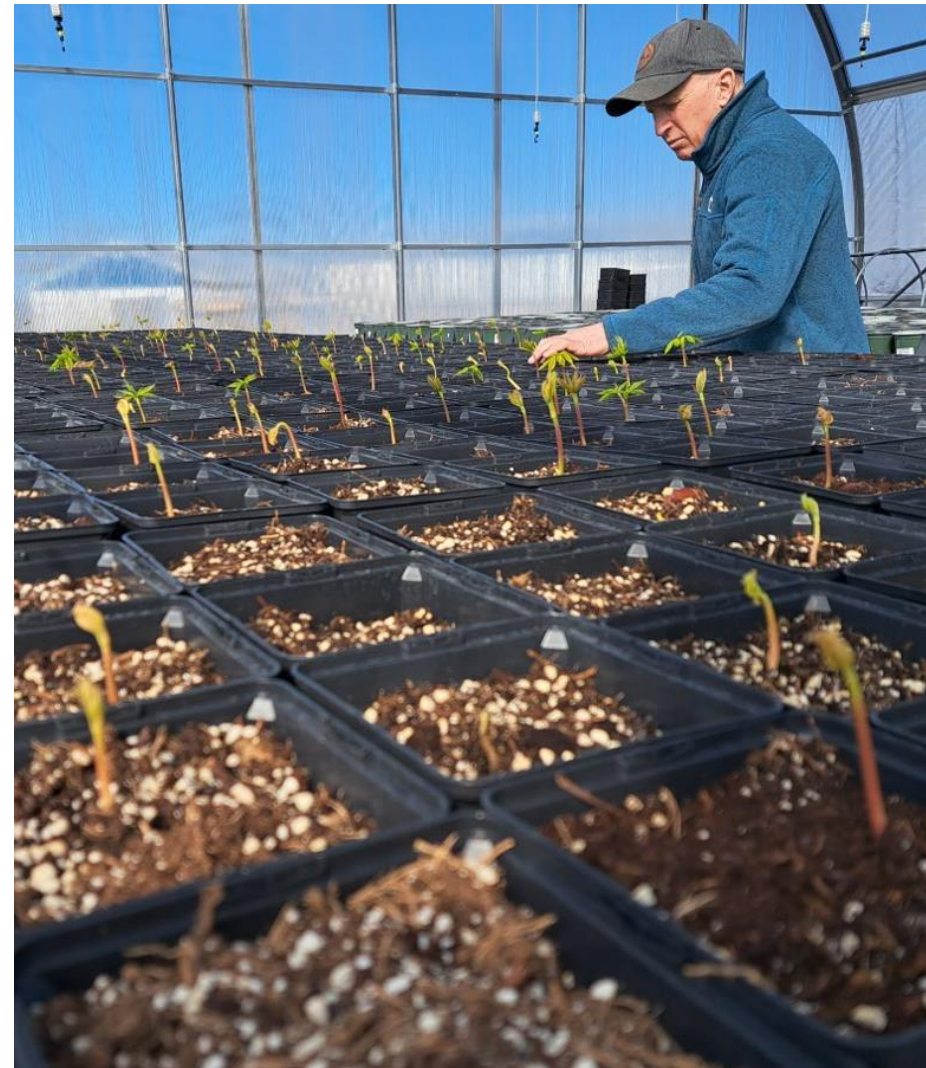
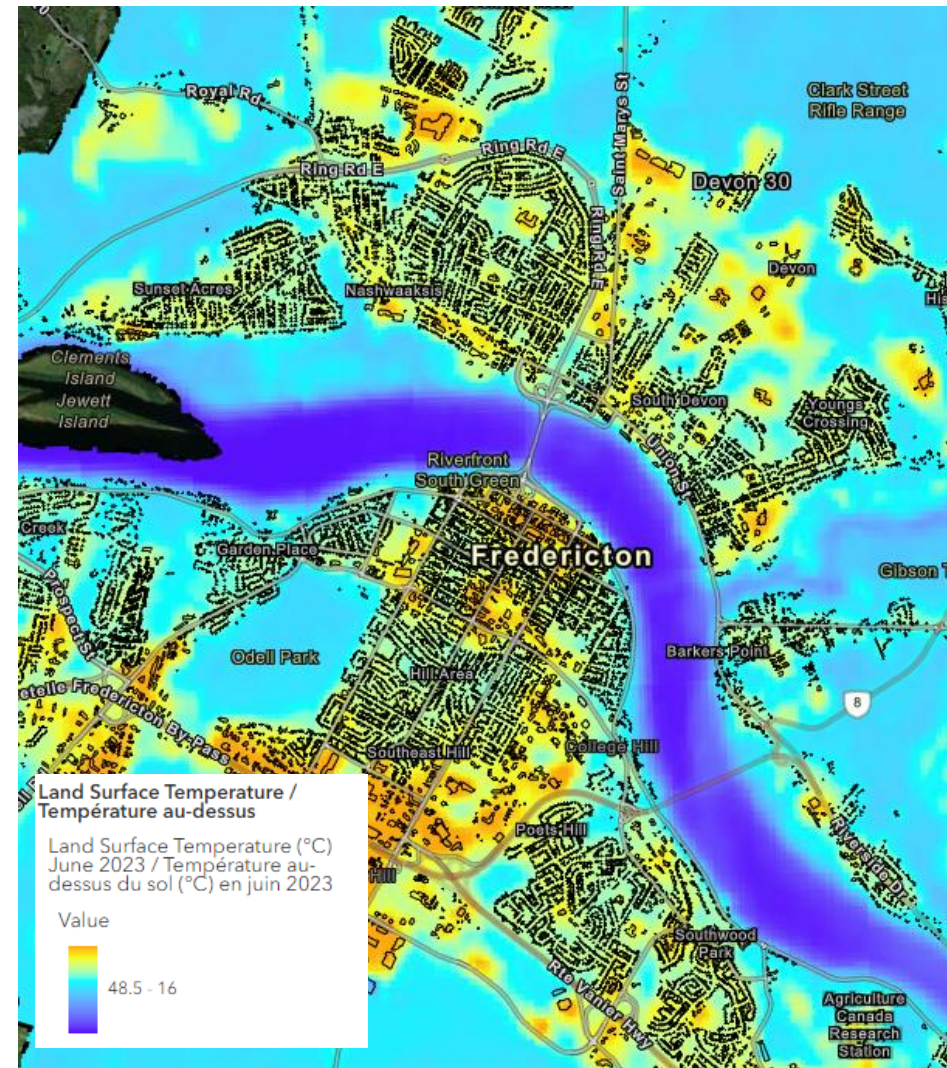


- ~18 months
- Existing data analysis
- New data collection
- Internal interdepartmental engagement
- External stakeholder engagement (6)
- Public engagement through Engage Fredericton and in-person

Work with Existing Strategies + Plans



Build the Urban Forest



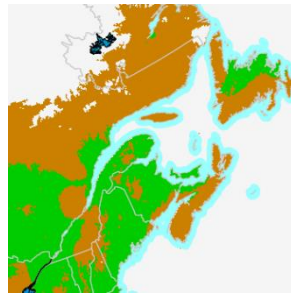
Rise to the Challenges

Range
Core

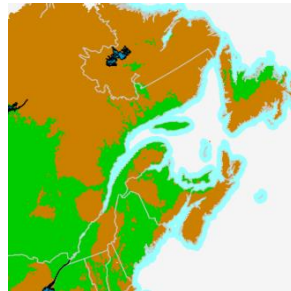
White Birch

Sugar Maple

2011-2040



2041-2070



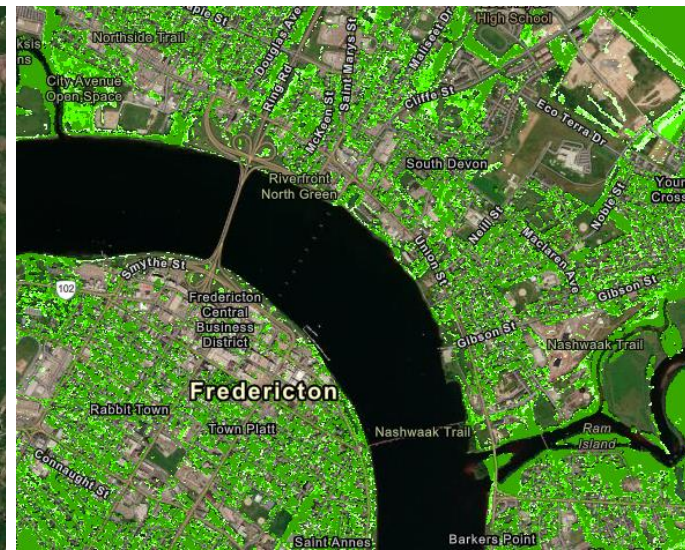
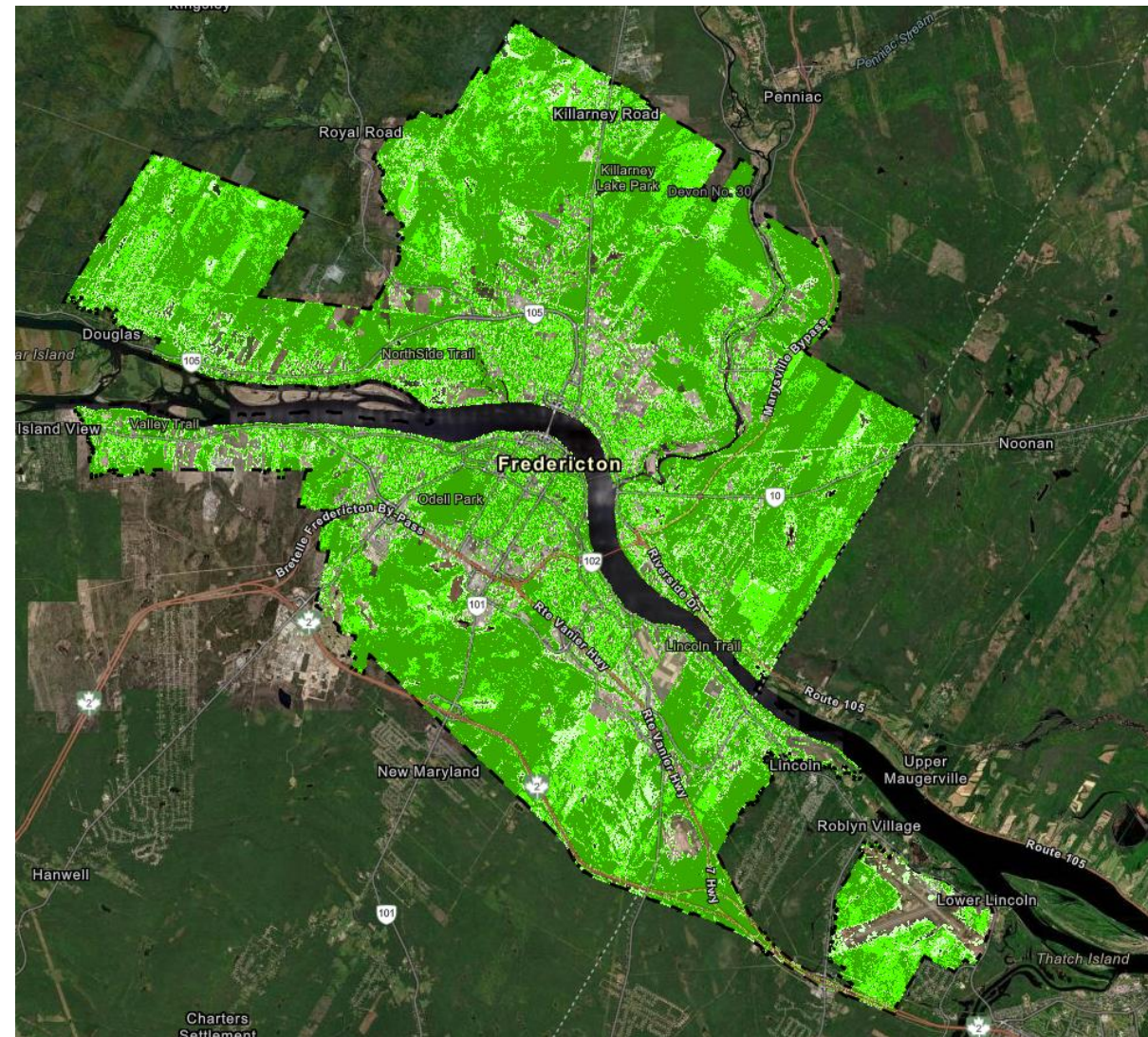
2071-2100



Fredericton 

The Forest

Fredericton Today



City Boundary / Limite de la ville



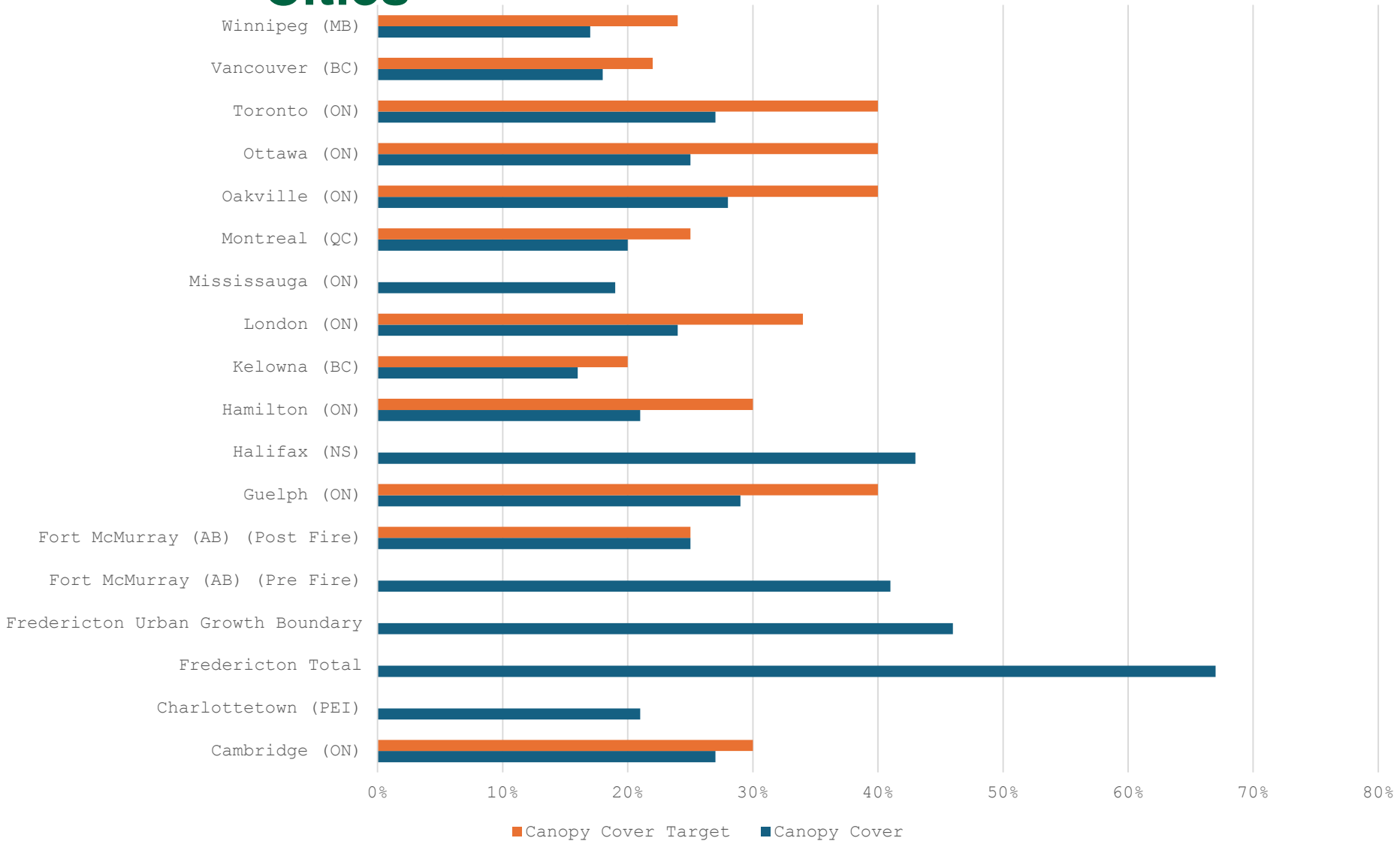
Urban Forest Canopy / Couvert forestier

2-5 m

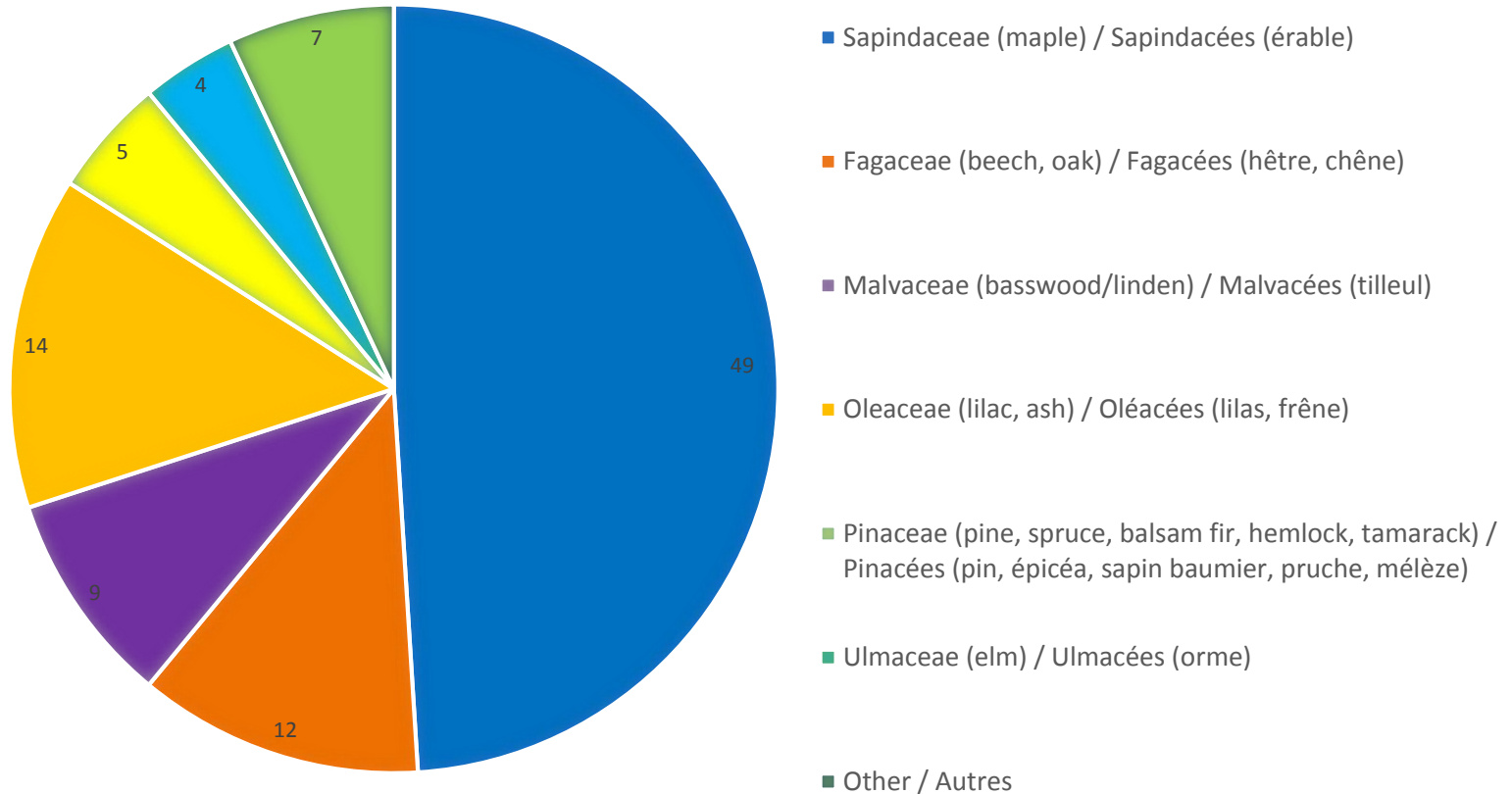
5-10 m

> 10 m

Urban Forest Comparison with Other Cities

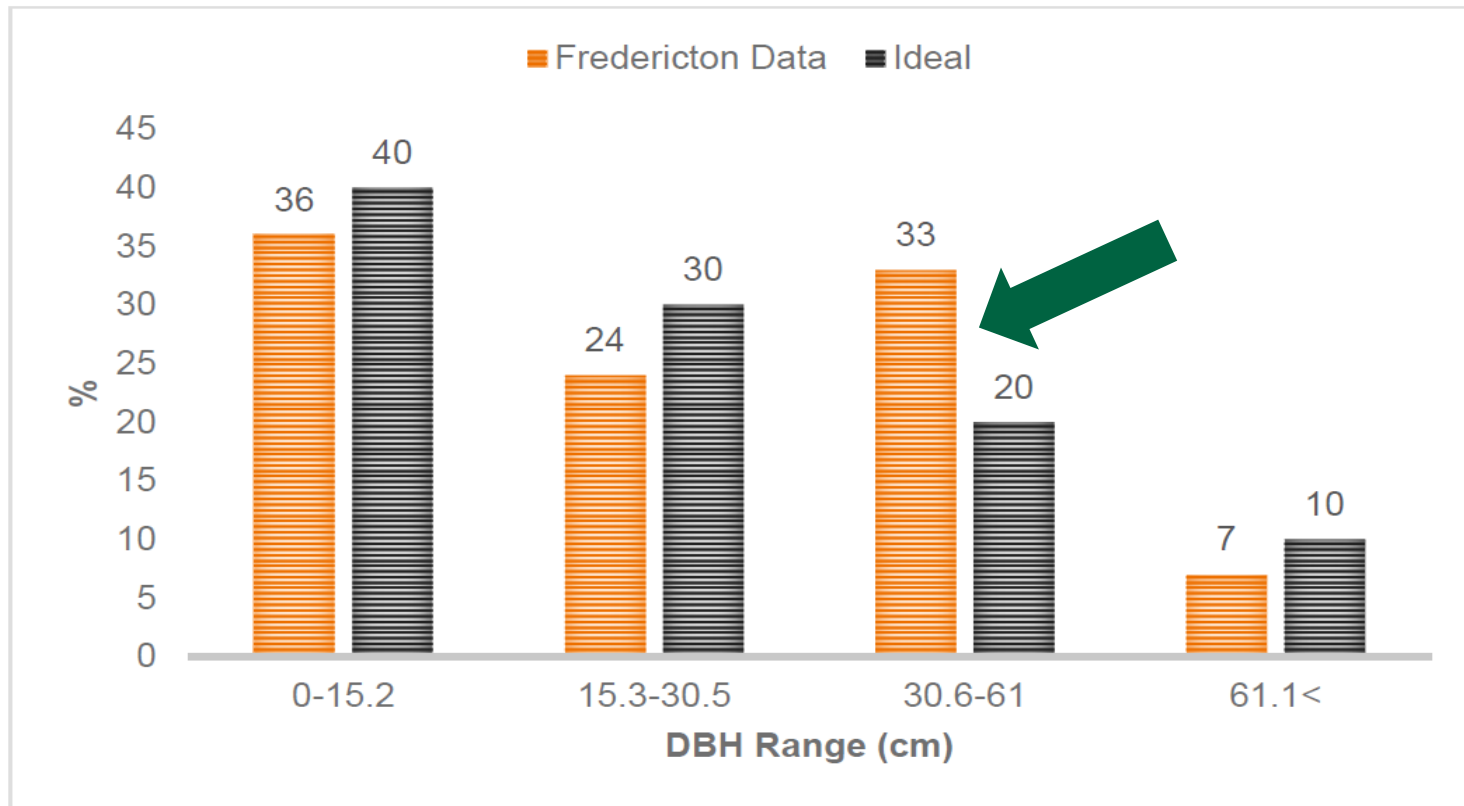


Species Composition



Greater diversity tends to mean greater resiliency because species react to challenges differently. Approximately half of Fredericton’s street trees are maple species. Many maples are well adapted to street conditions, however a disease impacting maples could have a large impact on the overall urban forest because of the number of maples potentially impacted.

Age Structure



Fredericton's street trees are larger than the ideal age structure. This means that the City is getting greater benefits from the street trees now, but significant planting will need to occur to develop the next generation of street trees. Without strong planting programs the larger trees will eventually die and there will be a gap in time before the smaller trees catch up.

Fredericton 

Recommendations

Recommendations



Select a site and plant a fruit forest.

Recommendations



Train all Parks and Trees staff to assist the Fredericton Fire Department with wildland firefighting support.

Recommendations



Parks and Trees to support Planning and Development in reviewing and improving the tree planting and landscaping standards required by the City's Zoning By-law.

Recommendations



Enhance the urban forest along corridors such as trails and watercourses to increase forest connectivity.