



GREEN  
LEGACY  
FEASIBILITY  
STUDY

**PROJECT UPDATES**

# RECENTLY COMPLETED

- Business Case Modeling
  - All partner demand (~60,000 trees and shrubs per year by 2028)
    - TPS requires 44,000 trees/year on private land
  - No caliper variant
  - No fruit trees variants
- Infrastructure Analysis

# INFRASTRUCTURE ANALYSIS:

- Several prospective facilities identified
- Urban areas rarely get to have growing facilities of their own due to cost of land
- Partners at table have space potentially available
  - Fanshawe Conservation Area
  - Westminster Ponds Centre
- Space needs overwhelmingly driven by caliper trees
- If we explore “Missouri Gravel Beds”, may even be capacity to deliver (slightly smaller) caliper stock in a small space

# BUSINESS MODELLING:

- Ability to model a number of different scenarios
  - Different sizes, quantities of trees
  - Different ages of trees
  - Allows edits to material costs, spacing, etc.
- Calculates:
  - Capital costs
  - Operating costs
  - Land and space requirements
    - 60,000 trees = 297,000 in stock (supply for current + future years), 12 acres of land

# PRIVATE SECTOR LIMITATIONS

- There are currently **no major growers** in London
  - Growing our own trees here can provide **job creation** as well as **volunteer and educational opportunities** in our community
- Generally speaking, private sector **cannot use unpaid volunteers**
  - If a private business owner making money off them, they have to be paid
  - Small exception currently available for high school co-op students (though “spirit” of this could be debated)

# OTHER PRIVATE SECTOR NOTES

- Demand in SWO is generally high and likely to increase as climate change progresses (extremely low risk of putting anyone out of business)
- ReForest London and City have both experienced problems with substitutions (a sign that suppliers have been unable to keep up with demand)
- Identifying ways to continue to engage private sector will be part of final report: B&B caliper trees (or bareroot stock to supply MGBs) both good potential options (plus pots, soil, etc.)

# MAJOR BENEFITS

- A Green Legacy initiative in London would....
  - **Double** our ability to secure/purchase trees (or halve our cost)
  - Involve **thousands of students** each year
  - Serve as its own advertising tool to **landowners** (people who have been involved in growing more likely to want to plant, also the “feel good” aspect)
    - Growing is only half the battle!

# MAJOR BENEFITS

- A project like this could be seen as both **city-building** and **community-building**
  - Building space provides opportunity for other environmental programming, workshops, signage, etc.
  - Programming provides opportunity for many different types of organizations, their members, and residents, to come together to achieve a public good

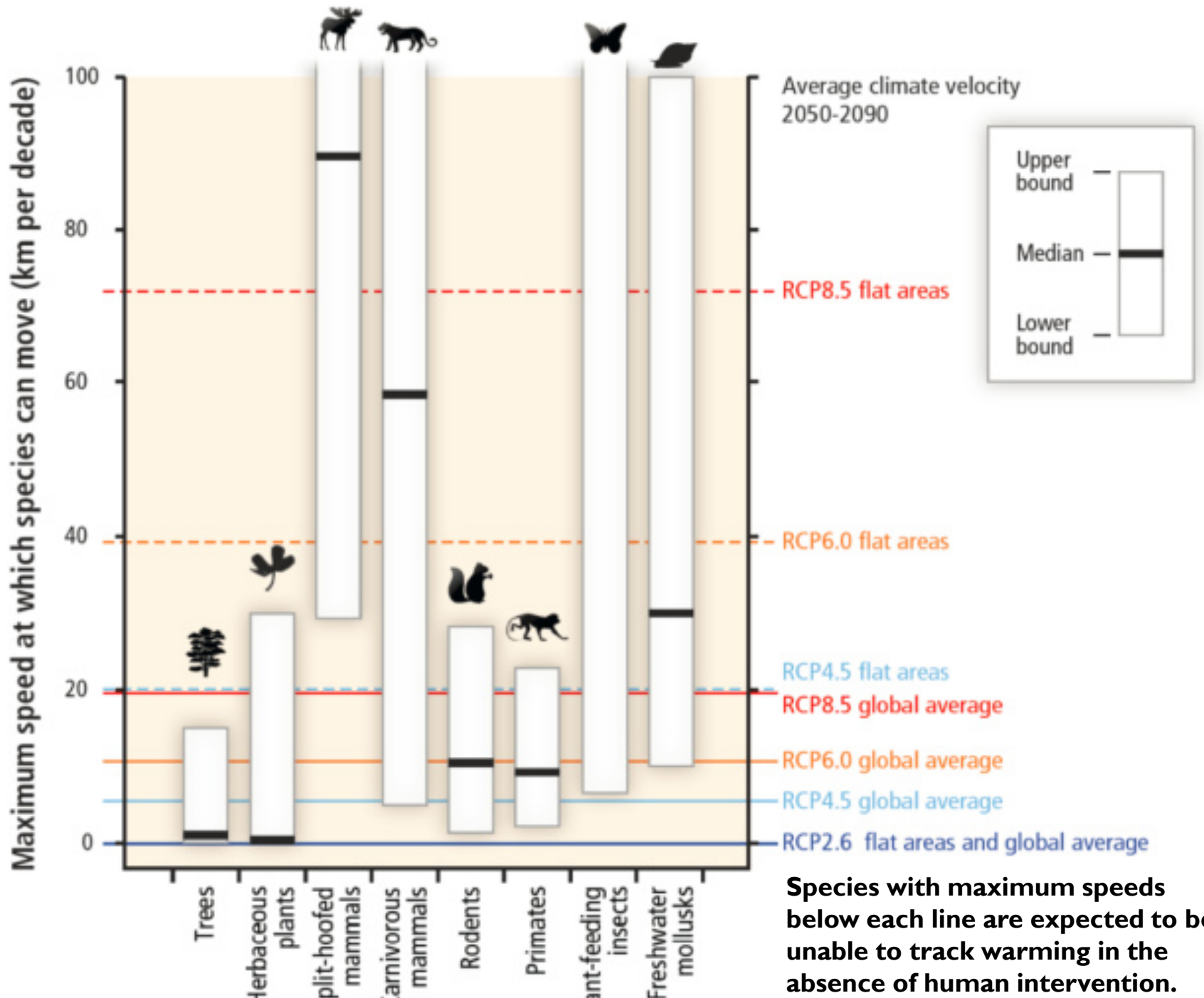




# PRECEDENT...

- Wellington County's program
- Cities of Detroit, Calgary, and others grow their own trees
- Nobel Peace Prize winning "Green Belt" initiative





# AND NECESSITY

- Not a single country in the world is currently on track to meet its Paris commitments, which were crafted based on how much we could emit and still hold temperatures to 2 °C (actual target)/1.5 °C (aspirational)
  - World is on track for 3°C warming (probable runaway scenario)
- Last UN-IPCC report did not include any permafrost data
  - Permafrost GHGs are double what is currently in atmosphere

# WHERE DO WE GO FROM HERE?

- We must find ways to slow climate change and keep up with what change is occurring
  - “Pay as you go” approach unsustainable
    - B.C. wildfires
    - Victory gardens
- For urban and rural communities, Wellington model shows considerable promise

# WHERE DO WE GO FROM HERE?

- Next steps:
  - Partner-Specific Benefits & Priorities Analysis
  - Final Report & Operations Manual (August)
  - Dissemination
- Team will be preparing recommendations including a “go/no-go” recommendations for the report
- Possibility of pursuing a 1 year OTF-Transform grant specific to convening to expand discussions to other groups (especially social services)

# ANY QUESTIONS?

