



Pathways to Net Zero

Personal Actions to Address Climate Change

A Northumberland Learning
Connection discussion
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Steve Lapp
Carbontakedown.com

We must stop adding greenhouse gases (GHG) to our finite atmosphere



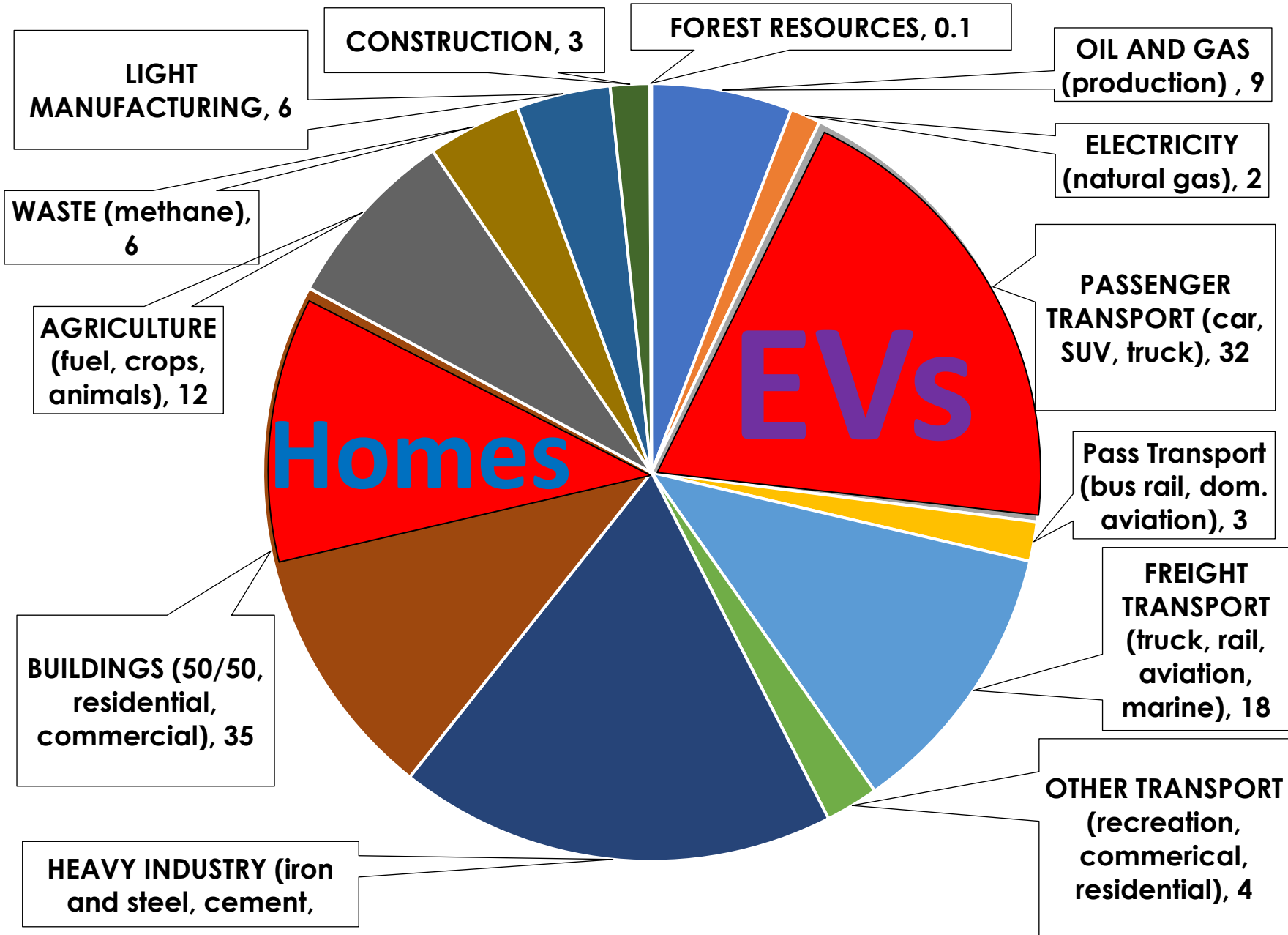
The path to zero carbon utilizes:

- EVs
- Heat Pumps
- Wind
- Biomass
- Geothermal
- Solar
- Hydrogen
- Smart Grids
- Storage
- Sequestration
- Nuclear?
- Policy
- Finance

GHG Emissions

What individuals control:

- Vehicle(s)
- Home(s) Heating
- Travel
- Food



Ontario 2017 159 Mt GHG/year

From 2017 NIR



2 - 6 t GHG/year

*20,000 km/year

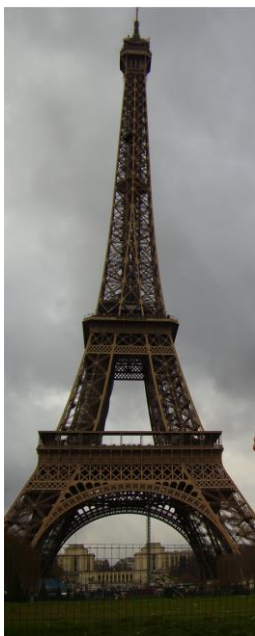


4 - 12 t GHG/year



2 t GHG/person
(return)

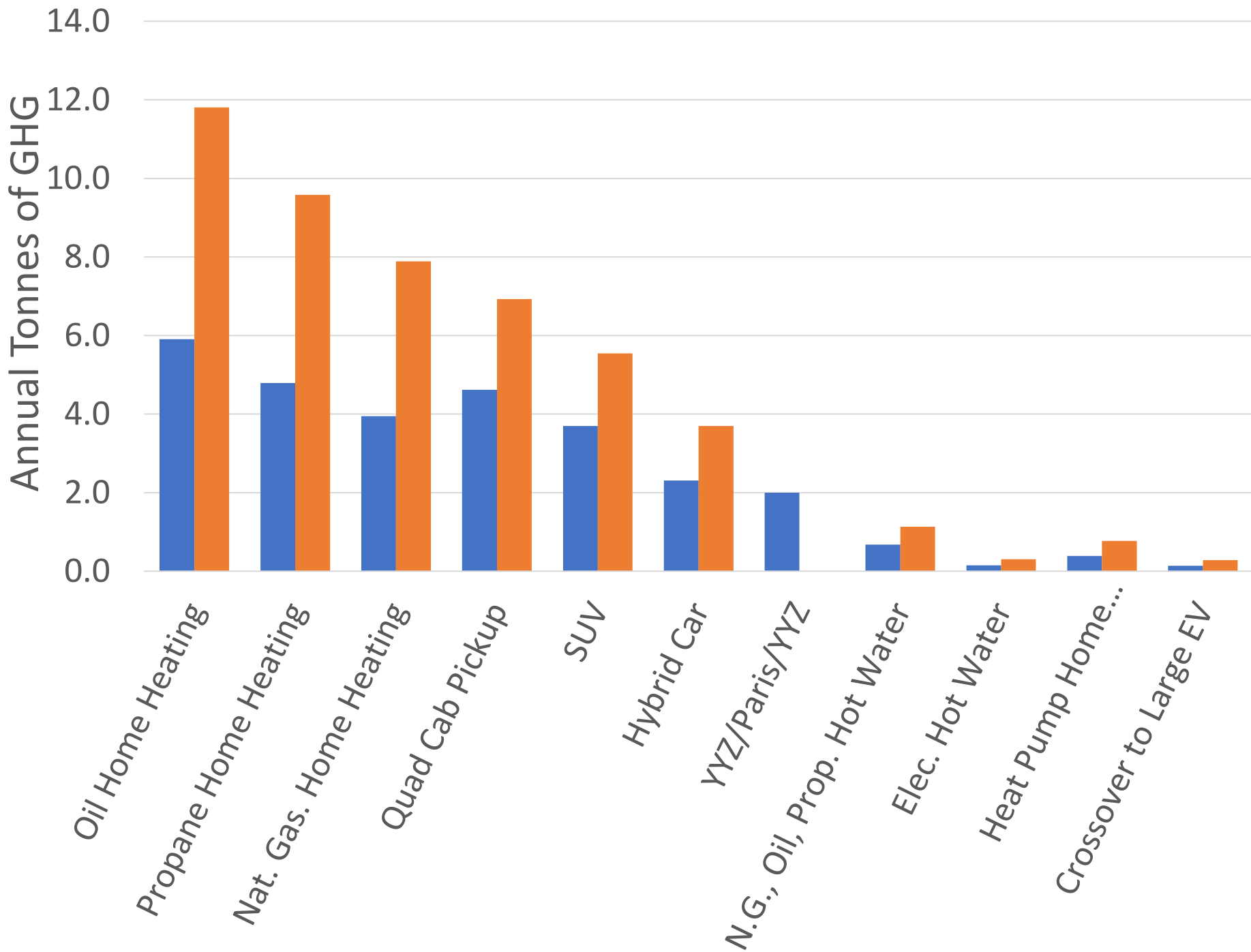
1 - 3 t GHG/year
(messy)



Total 9 - 23 t GHG/year

Ontario 11.3 t GHG/person/year**

** 2017 NIR





**Thank You
for Your Attention**

Questions?

Steve Lapp
Carbontakedown.com