



Community Climate Action Plan Update

January 7, 2020

Overview

- Status update
- Scope update
- Emissions inventory
- “Do nothing” scenario
- Sneak peek - big moves

Status Update

1. Project Startup

- ☑ Document review
- ☑ Communications strategy
- ☑ Launch
- ☑ Climate Leadership Team

2. Inventory & Projections

- ☑ Prepare inventory
- ☑ Existing initiatives
- ☑ “Do nothing” scenario

Status Update

3. Action Plan & Engagement

- Draft actions
- Leadership/staff workshop
- Stakeholder meeting
- Public survey
- Public open house
- Leadership Team review meeting

4. Report writing

- Finalize modelling
- Draft report including actions, targets and implementation strategy
- Draft report to Council

5. Final Plan

- Final updates and design

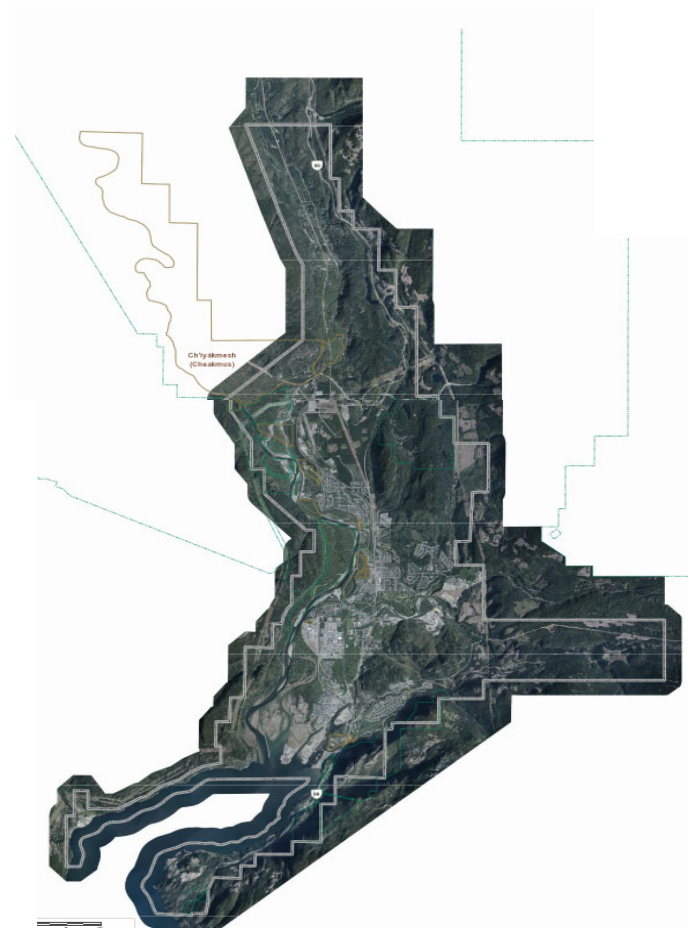
Scope Update - Inventory

Included in Inventory:

- Transportation
- Small/medium industry
- Residential, commercial, institutional buildings
- Solid waste (landfill)
- District operations

Order of Magnitude:

- Wood waste landfills



Scope Update – Additional Items

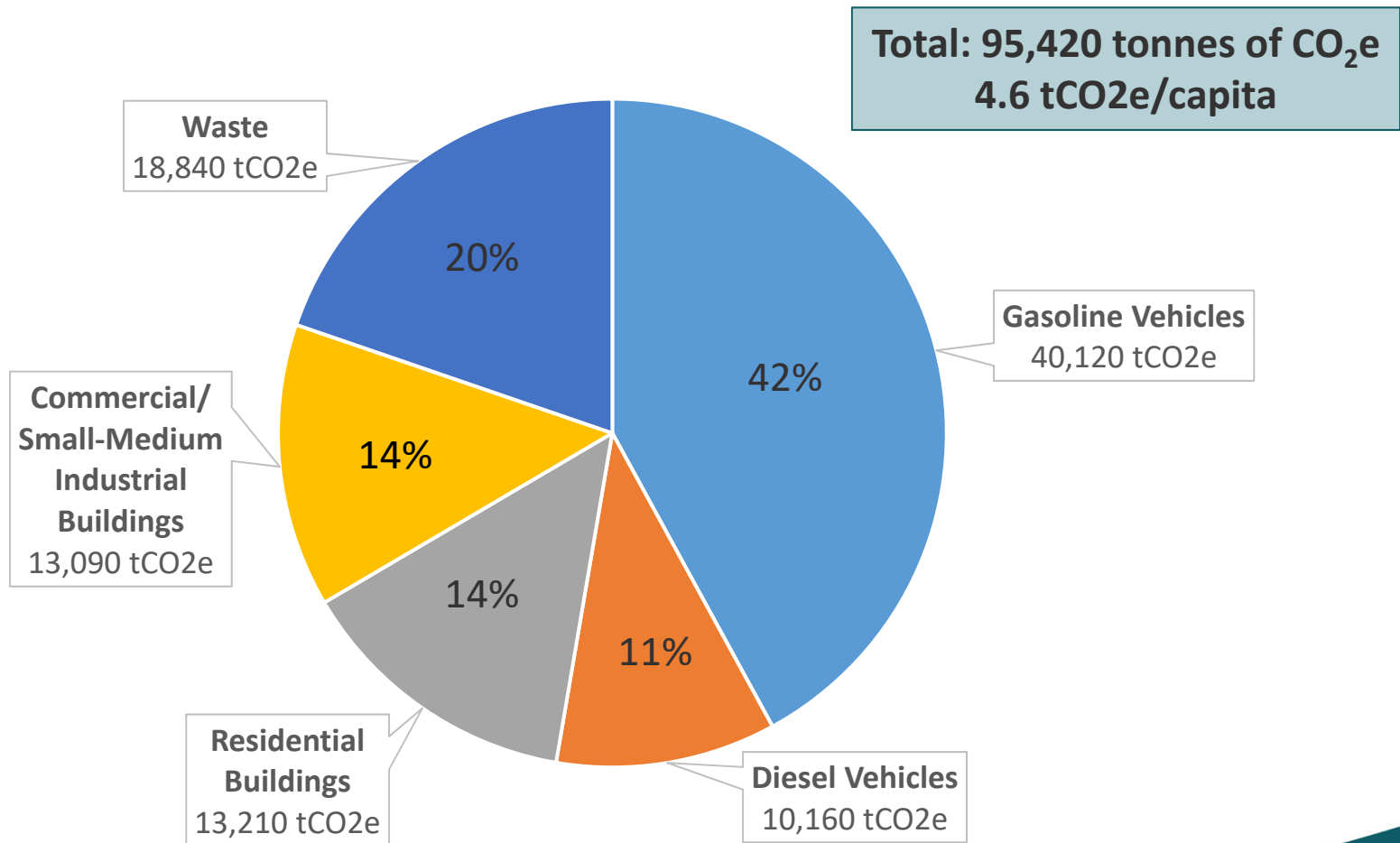
Not Included In Inventory:

Type	Estimate	Order of Magnitude	Describe
Large Industry	✓		✓
Embodied Energy		✓	✓
Land Use, Land Use Change & Forestry		✓	✓
On Ocean Emissions			✓

Inventory – Data Sources

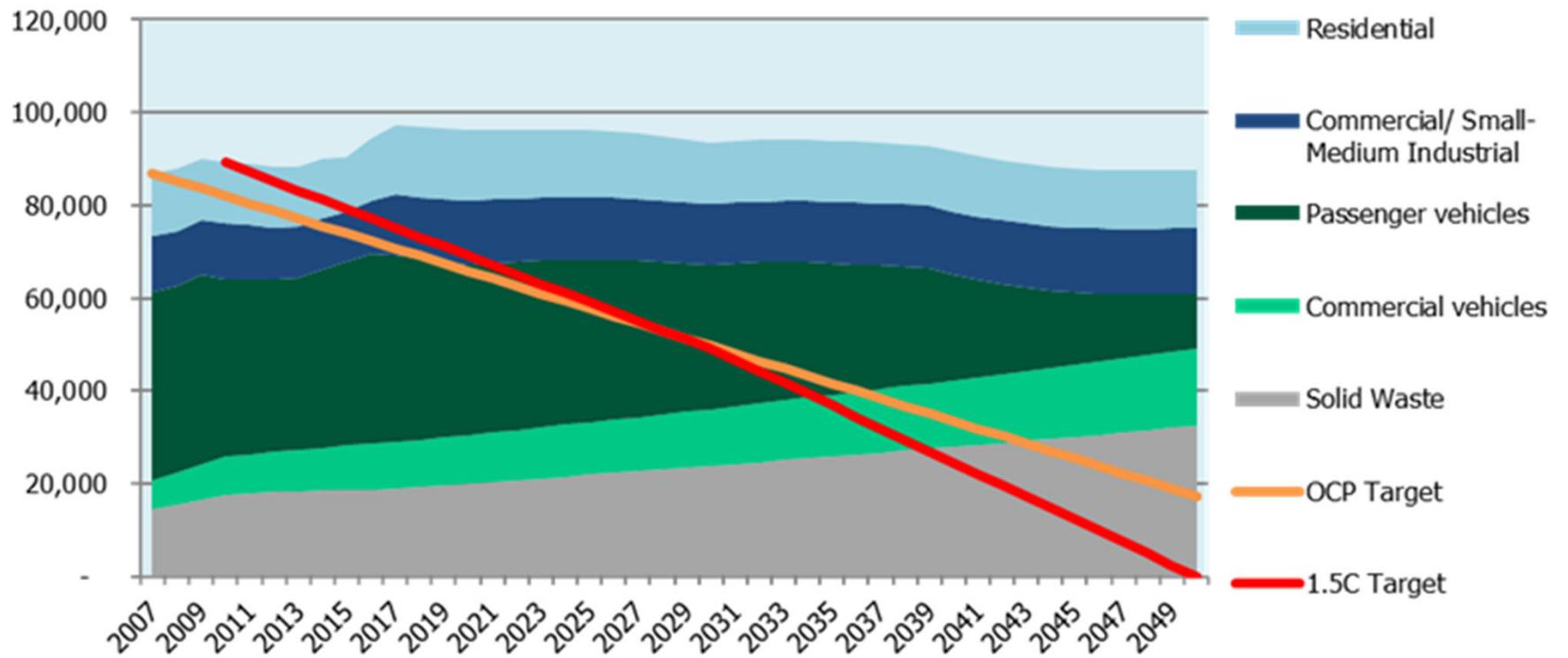
- Transportation:
 - Kent Data (gas station data)
 - ICBC vehicle registrations
 - Province of BC Community Energy and Emissions Inventory
- Solid Waste:
 - District landfill data and waste audits
- Buildings:
 - BC Hydro and Fortis
- Emissions Factors:
 - Province of BC

Squamish Community Emissions Inventory, 2017



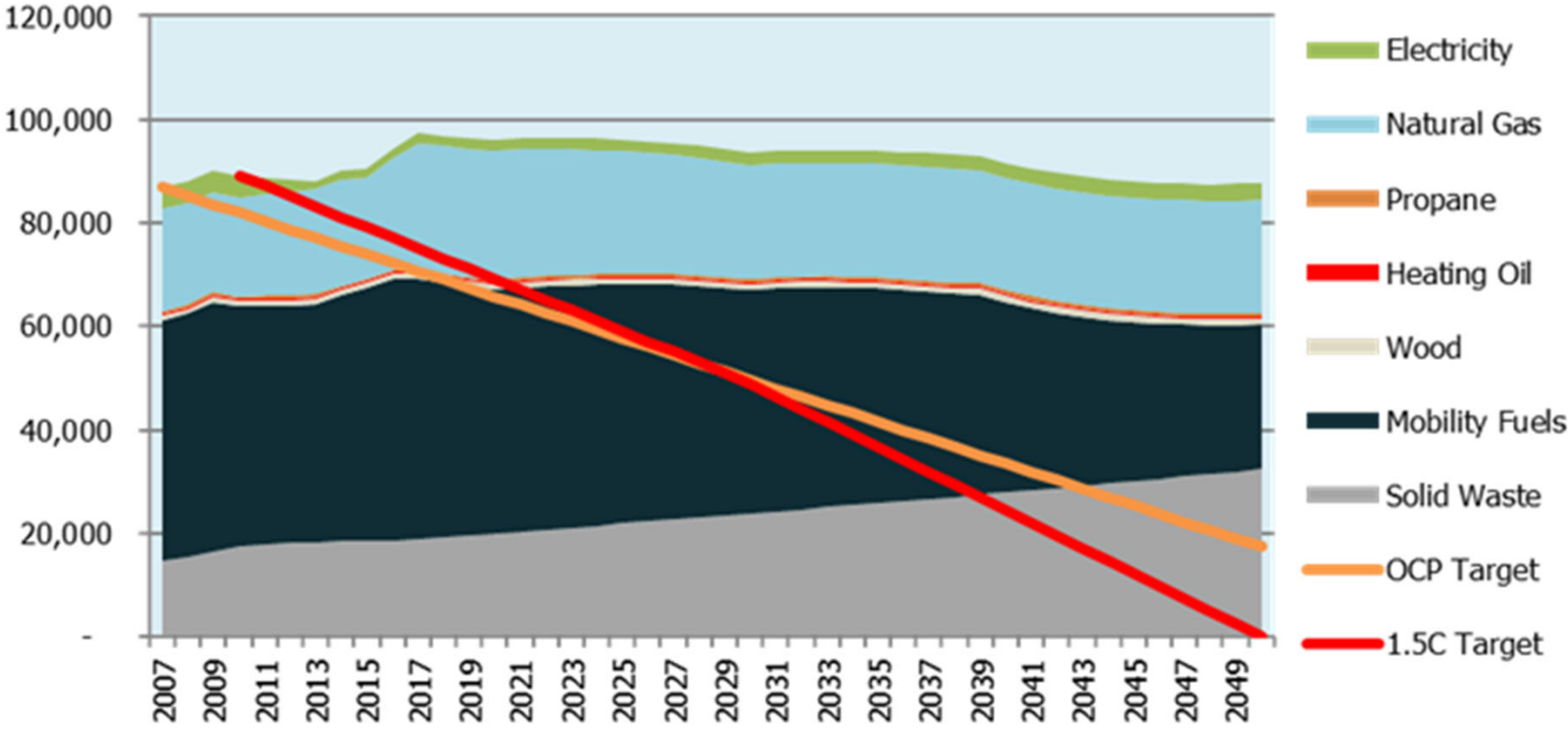
Do Nothing Scenario by Sector

BAU GHGs by Sector, tonnes/year



Do Nothing Scenario by Fuel Type

BAU GHGs by Fuels & Waste, tonnes/year



Sneak Peek - Big Moves



Low carbon vehicles



Shift beyond the car



Step up new buildings



Retrofit existing buildings



Close the loop on waste

Questions?



SQUAMISH