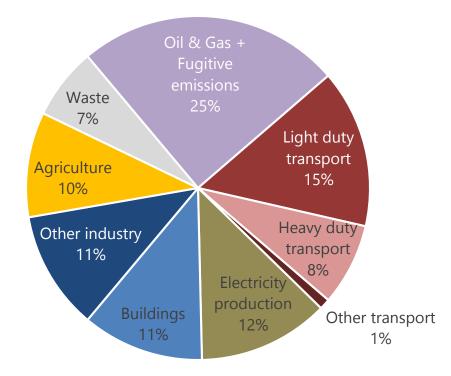
Green energy and jobs updates from 30,000 feet

Warren Mabee ACW Team Meeting, Vancouver, Canada 27 November 2016



Total emissions (2013): 726 Mt CO₂-e

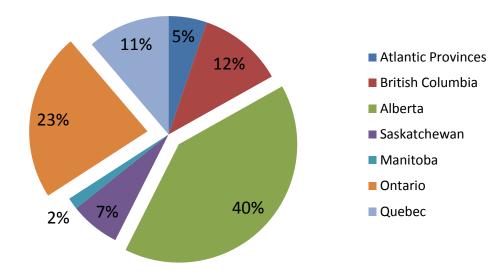




Provincial GHG emissions

Key regions to focus on:

- Ontario (largest population, most sprawl issues, legacy manufacturing)
- Alberta (fossil fuel industry, growing population, sprawl issues)

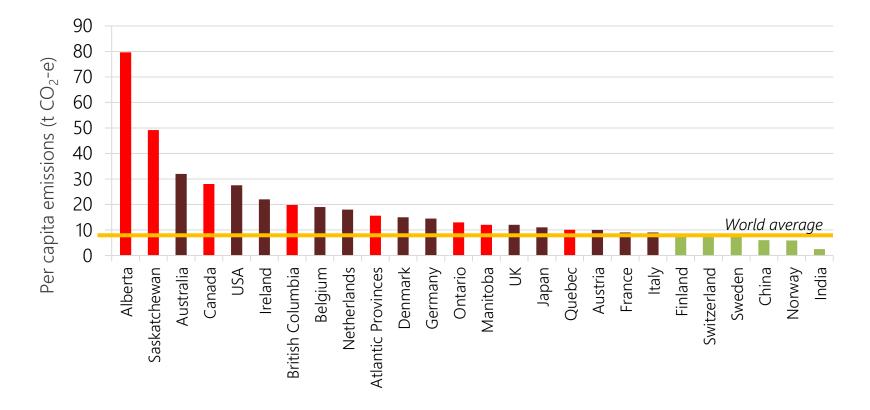


Per capita GHG emissions

×

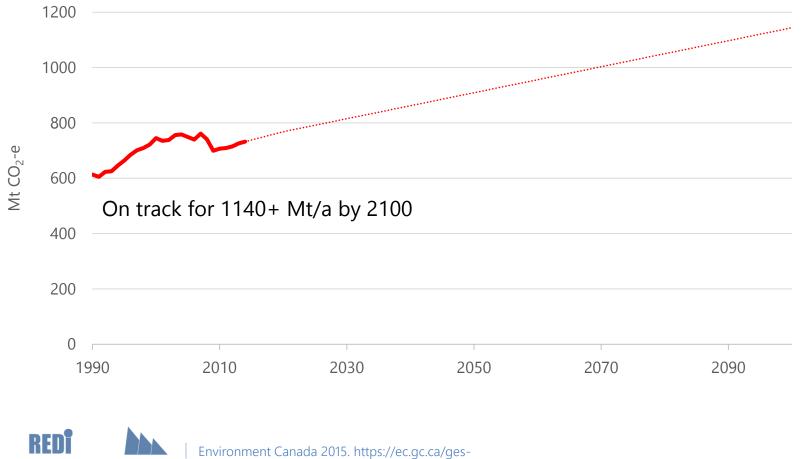
Queen's

RED



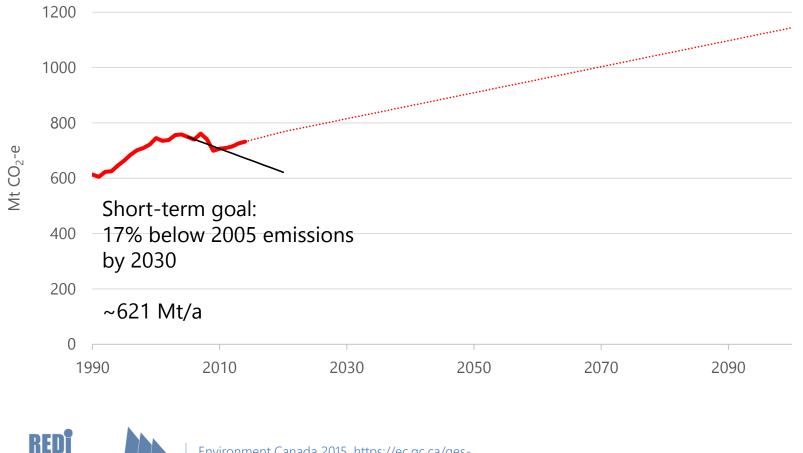
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Queen's



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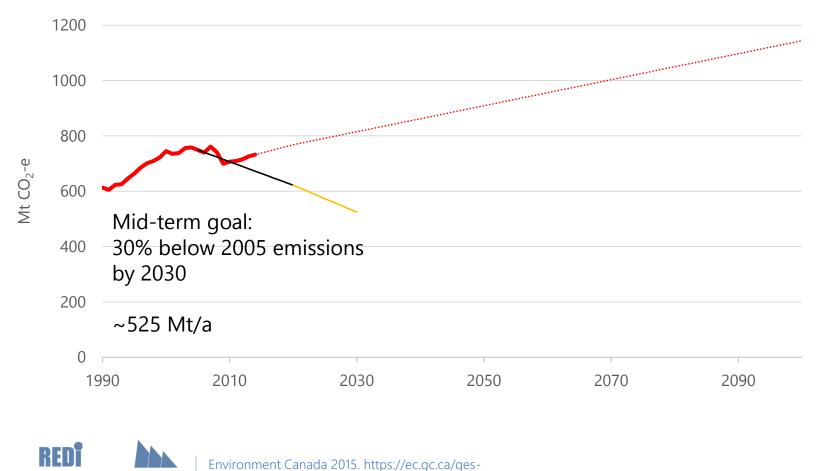
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Environment Canada 2015. https://ec.gc.ca/ges-

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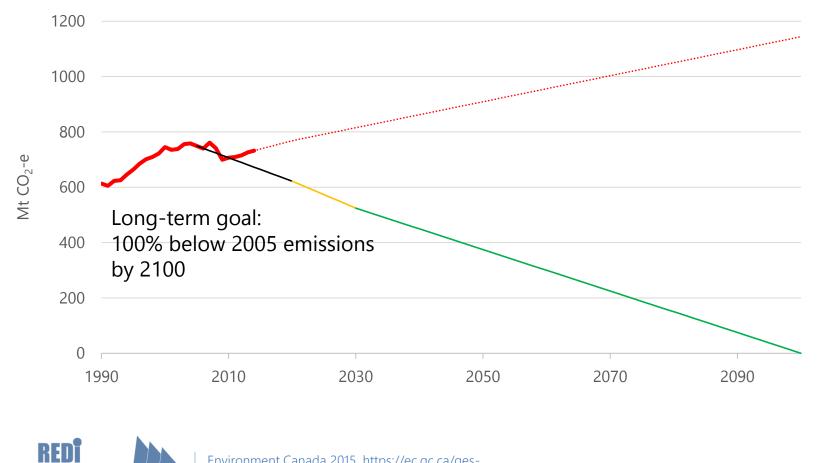
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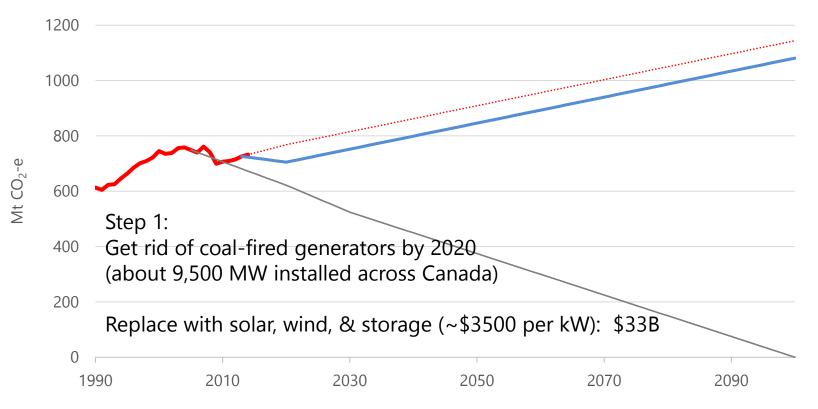
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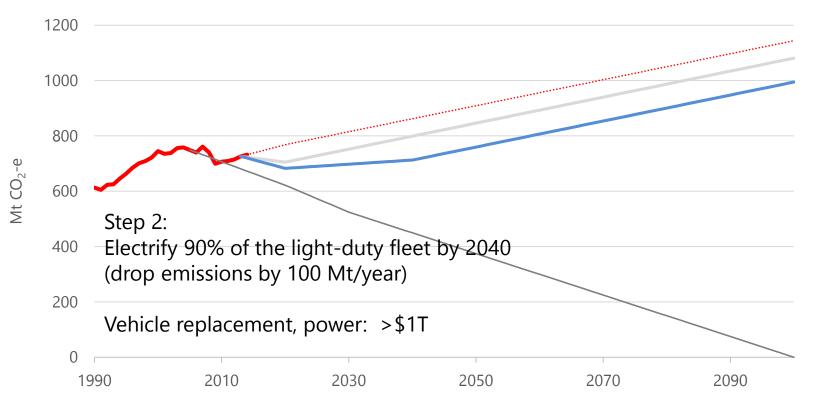
Environment Canada 2015. https://ec.gc.ca/ges-

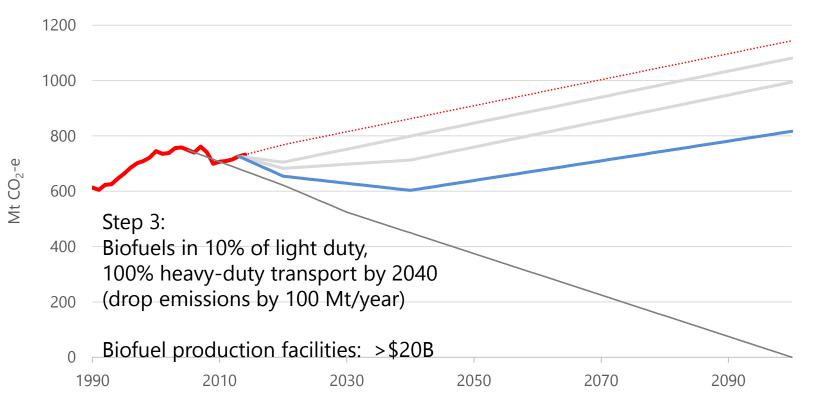
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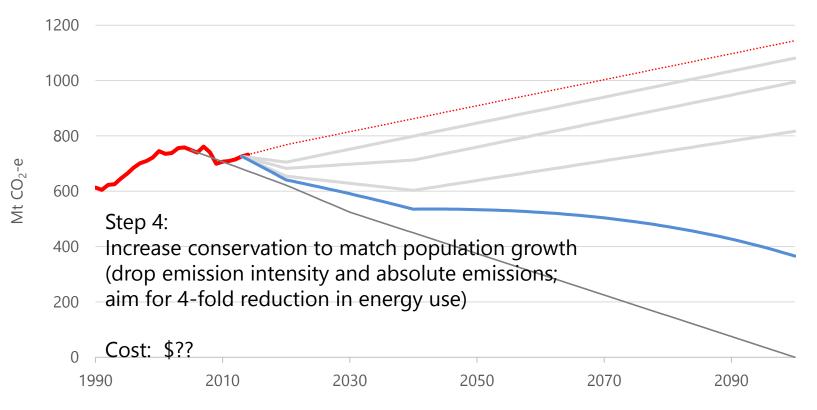
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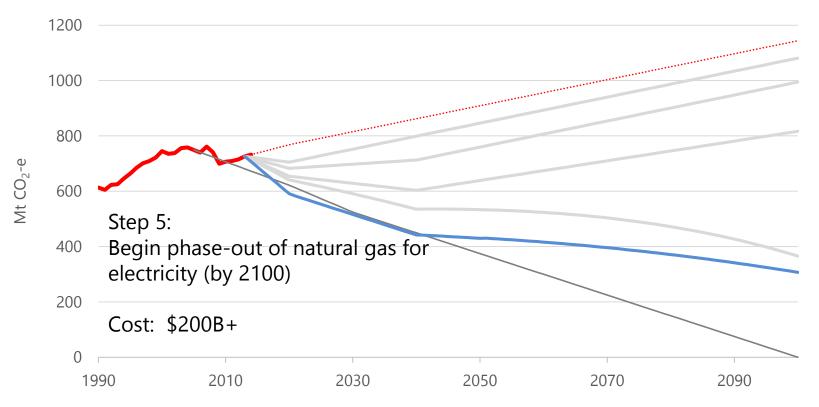




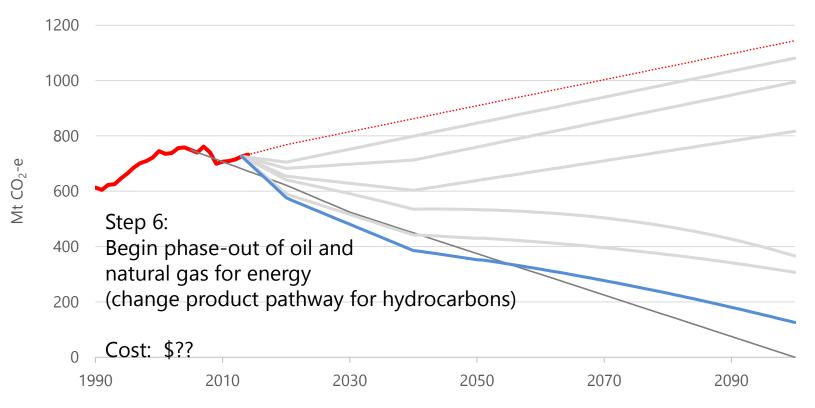




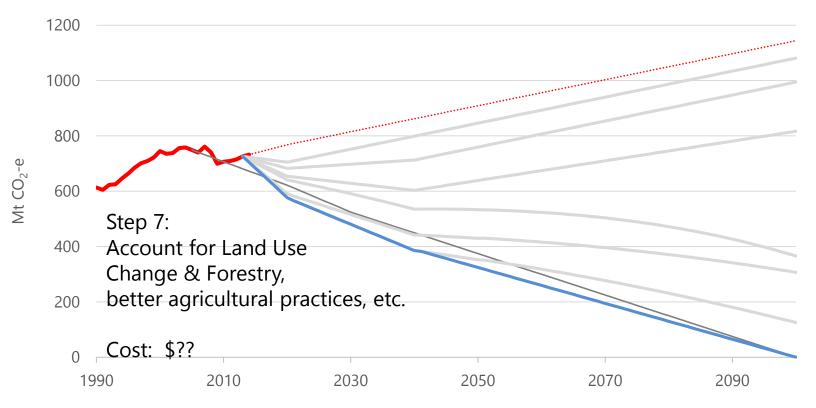












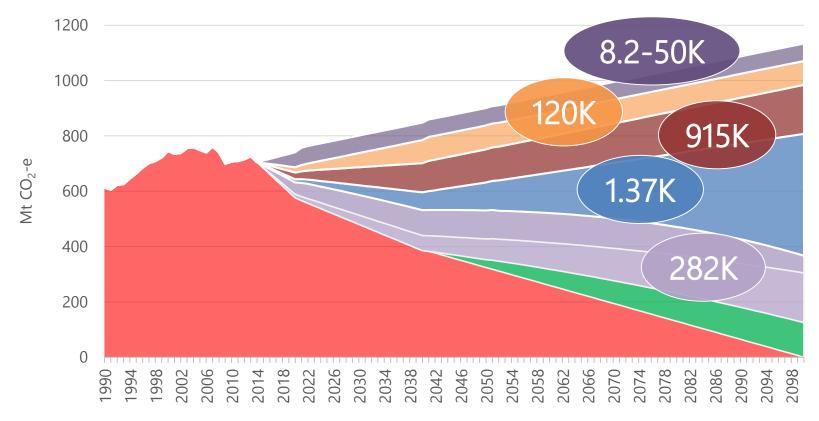


Green energy transition and jobs

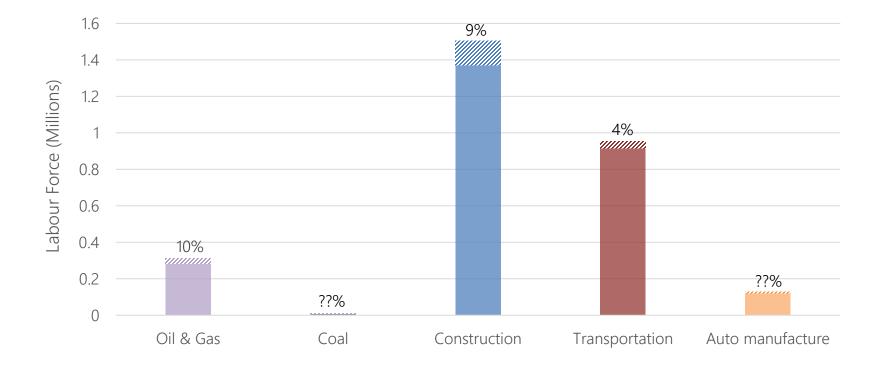
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Employment by sector

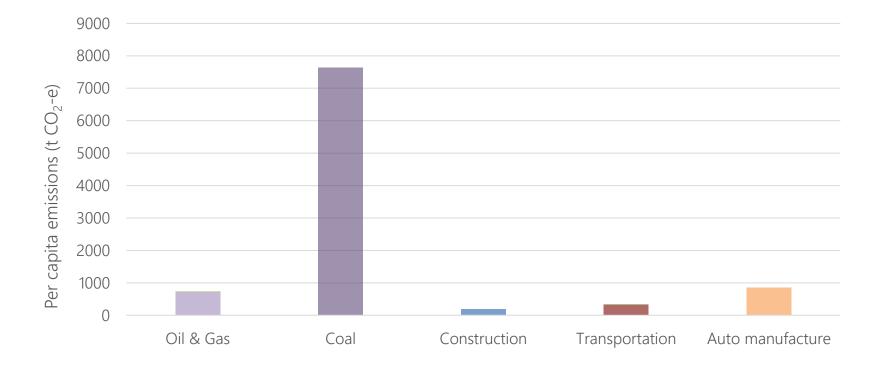




Emissions* per capita

Queens

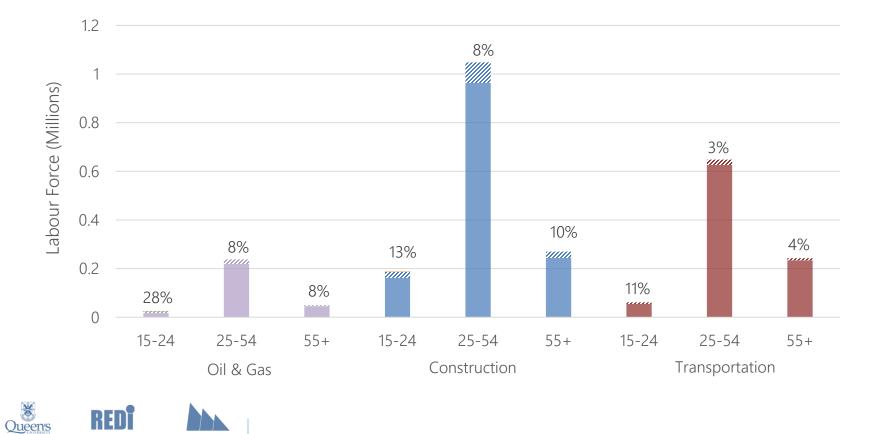
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Employment by sector

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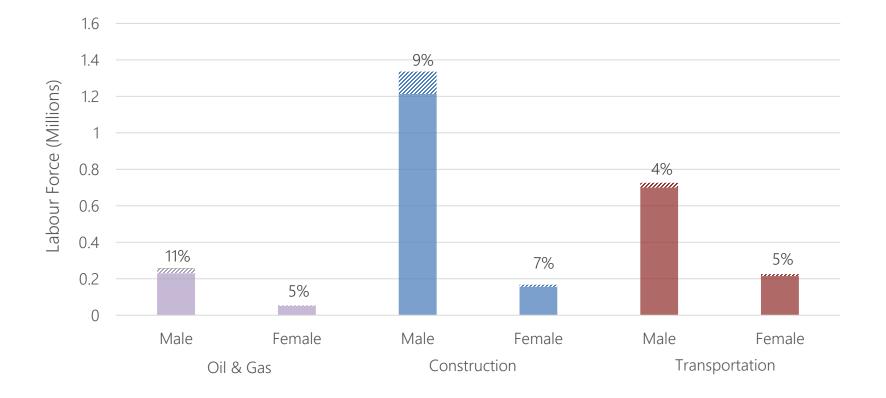


Employment by sector

8

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Likely impacts of the shift

Employment opportunities with renewable power generation are limited: for every MW installed, a total of 0.21 direct jobs (new and ongoing), about 0.26 indirect jobs (new and ongoing)

- By comparison, OPG has 10,840 employees about 1.25 employees per MW
- Significant loss of jobs possible in coal sector just transition issues

Much greater opportunities for retooling manufacturing, construction, transport

Workers in these sectors are skewed: tend to be older and male



Team and partners

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