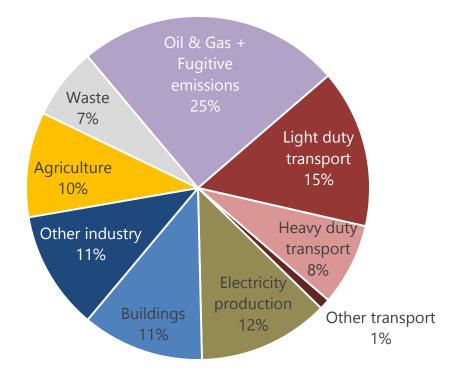
# The role of BioCleanTech in meeting 2030 and 2050 GHG targets in Canada

Warren Mabee BioCleanTech to meet Canada's economic and climate goals Ottawa, Canada 3 November 2016



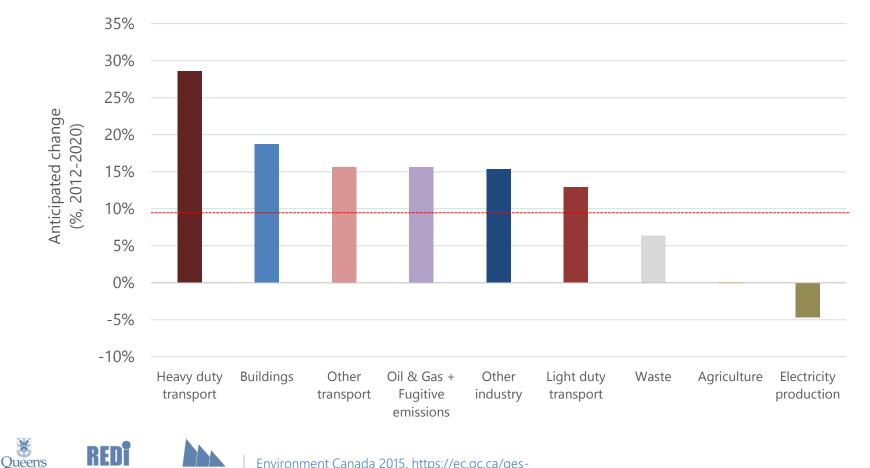


# Total emissions (2013): 726 Mt CO<sub>2</sub>-e



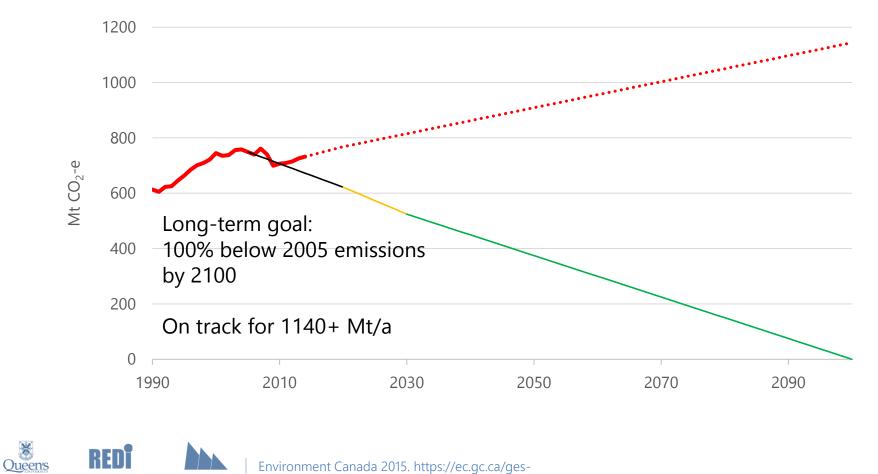


## Anticipated change in GHGs by 2020

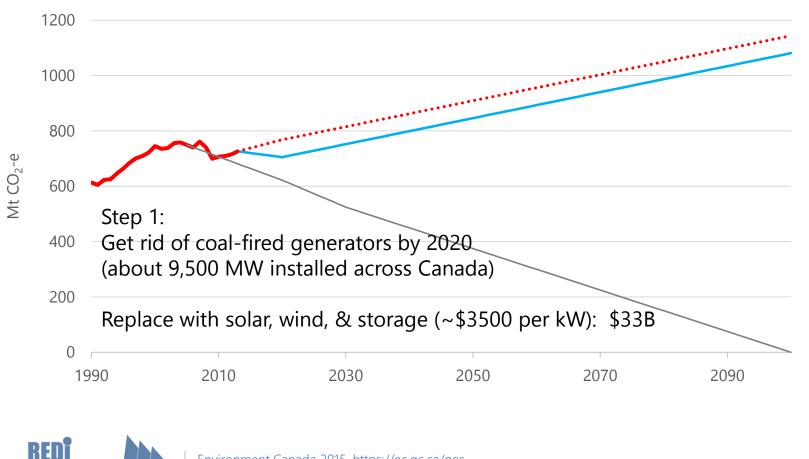


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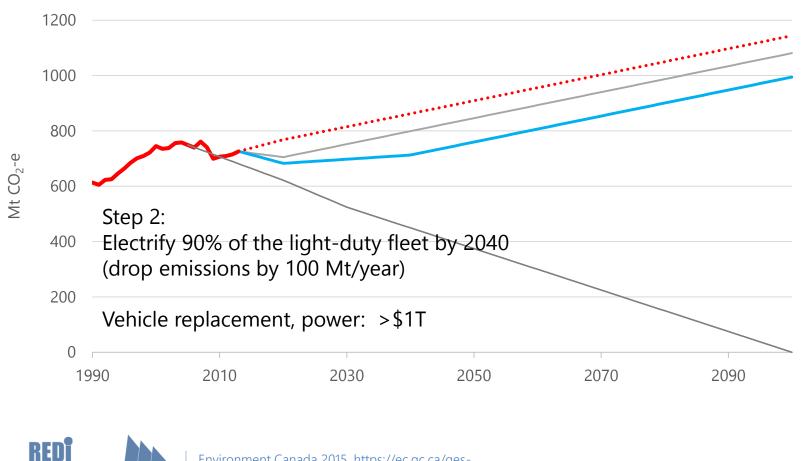


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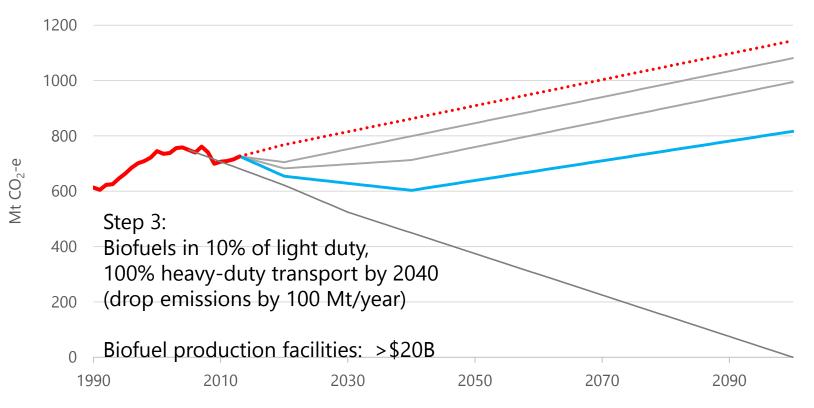
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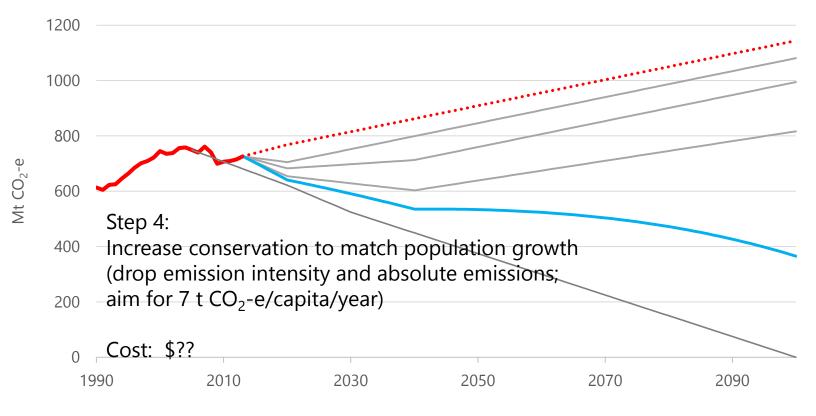




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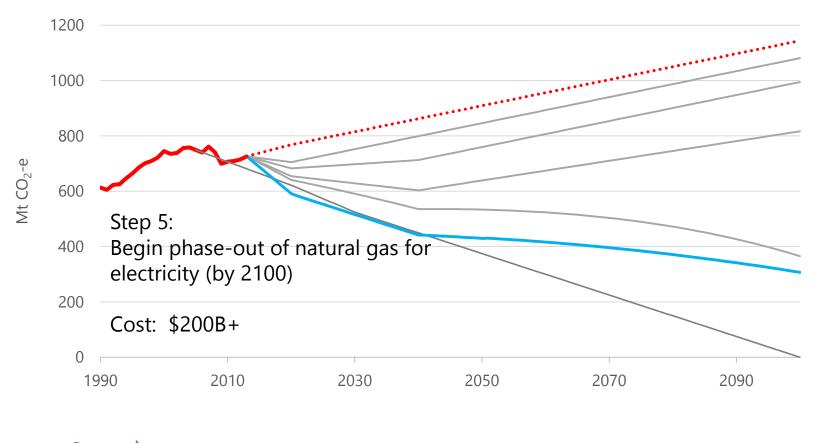
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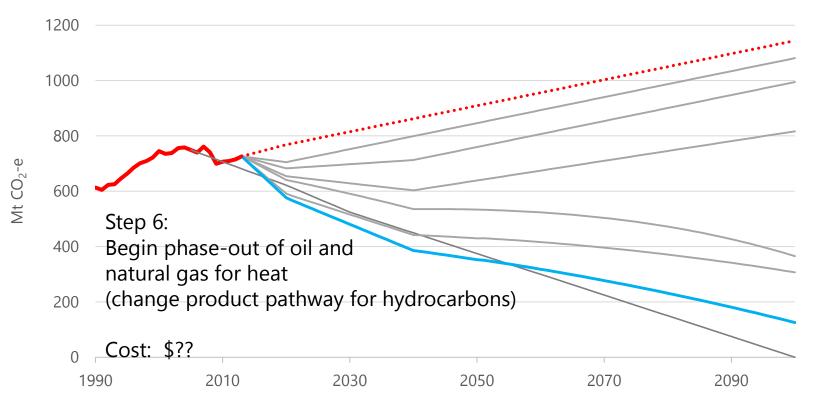
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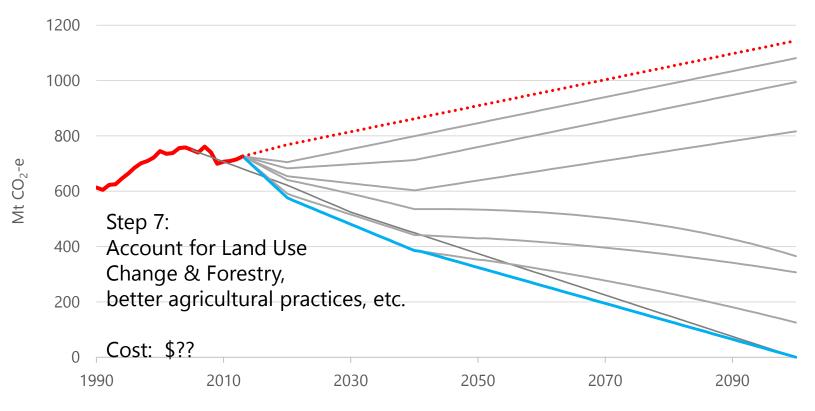




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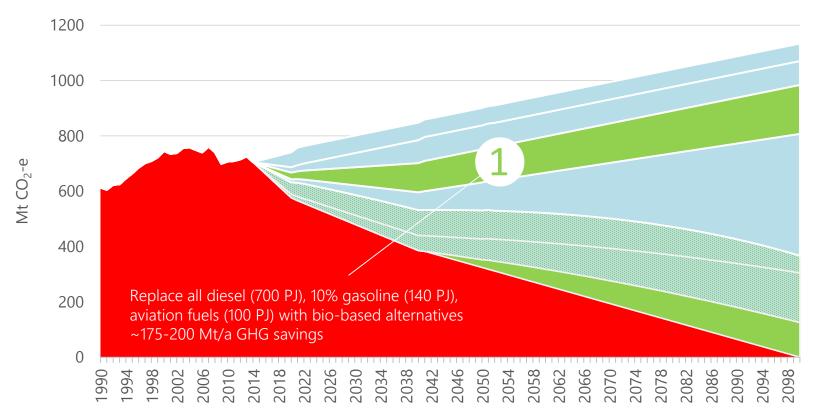




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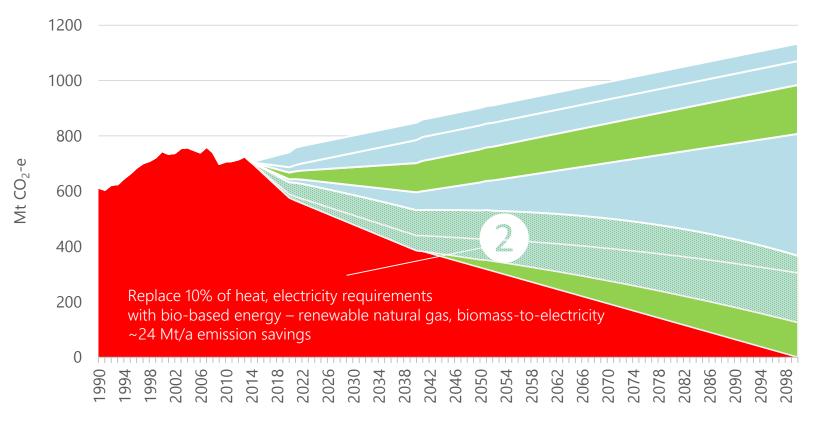
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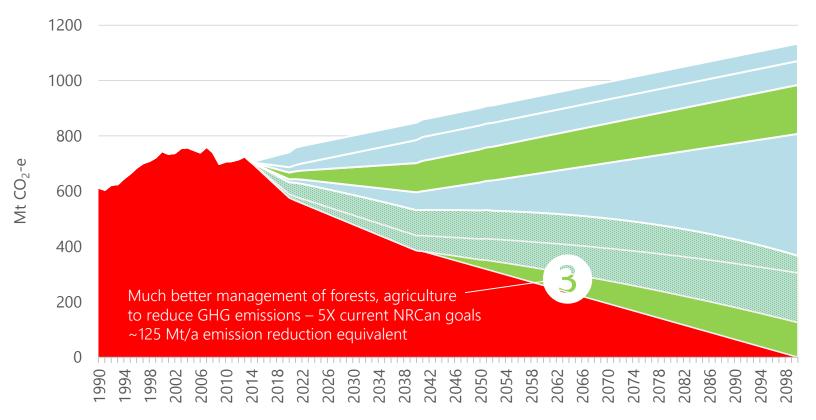


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# Takeaway

BioCleanTech is likely to account for as much as 300-350 Mt/a of Canada's GHG emission reductions

The investment is significant (>\$50B) – but this would take care of almost half of our emission challenge

The critical issue is moving technologies forward with appropriate supporting policies. All future investments should tie back to a climate strategy.



# **Team and partners**

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RÉSEAU BIOFL 1 - IV **FFABnet Adapting Canadian Work and Workplaces** ACW Functionalized Fibre and Biochemicals Network Carbon NSERC LAFARGE Management CRSNG Canada bringing materials to *life* CMC-NCE NSERC BIOCONVERSION ForValueNet NETWOR ForêtValeur