

Methane Mitigation: Sources and Policy Instruments

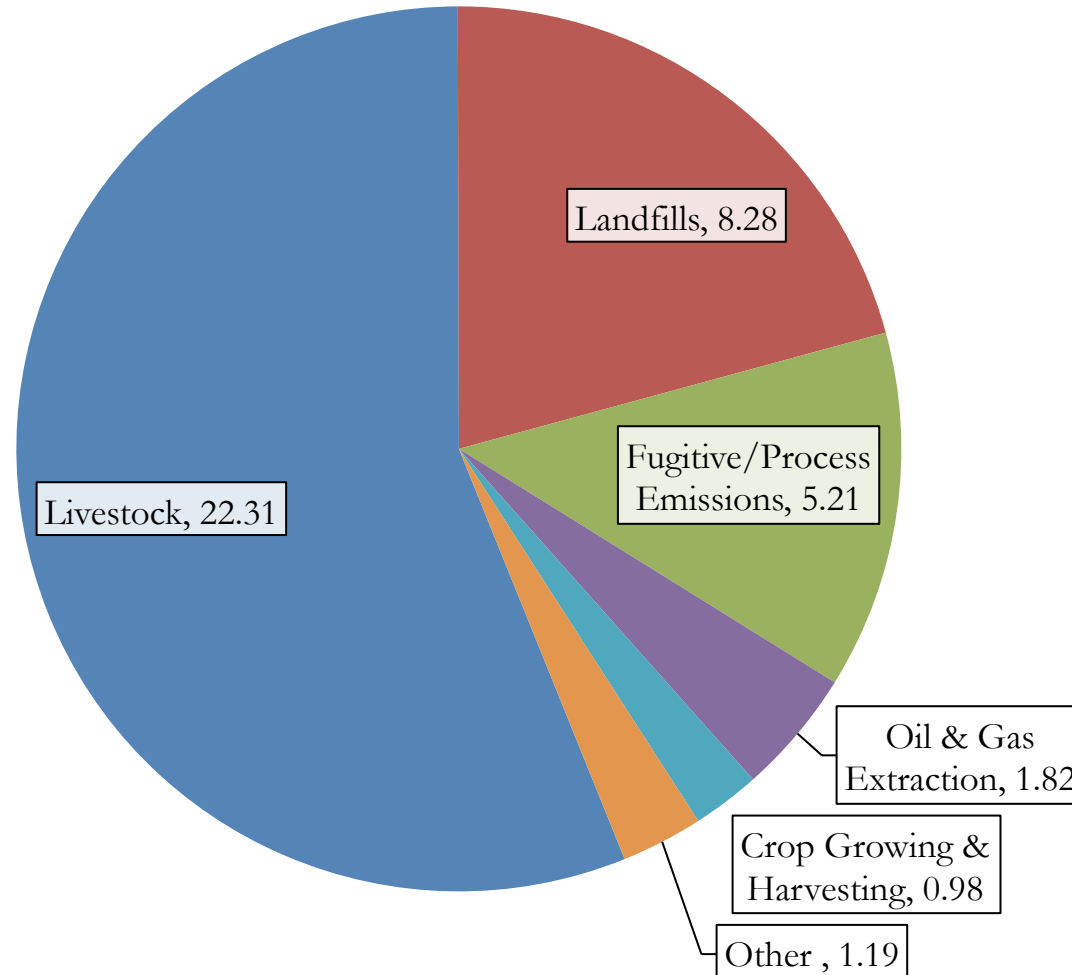
Pembina Institute
2016 Alberta Climate Summit

20 September 2016

Daniel Scheitrum, PhD Candidate

Sources of Methane Emissions, California 2014

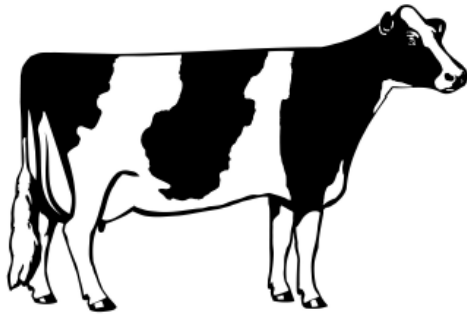
CH₄ Emissions by Sector, million tonnes of CO₂ equivalent



Source: California Air Resources Board, California's Greenhouse Gas Inventory by Scoping Plan Category

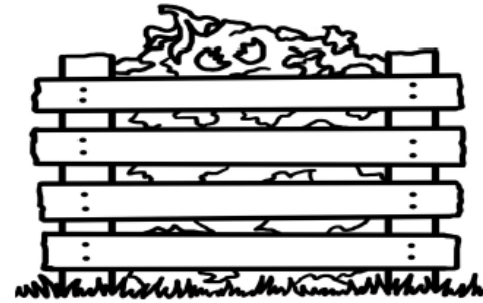
Mitigation Options

Dairy



Input: manure

Municipal Solid Waste (MSW)



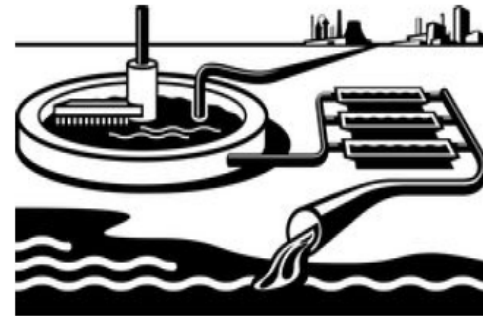
Input: organic waste (green bin)

Landfill



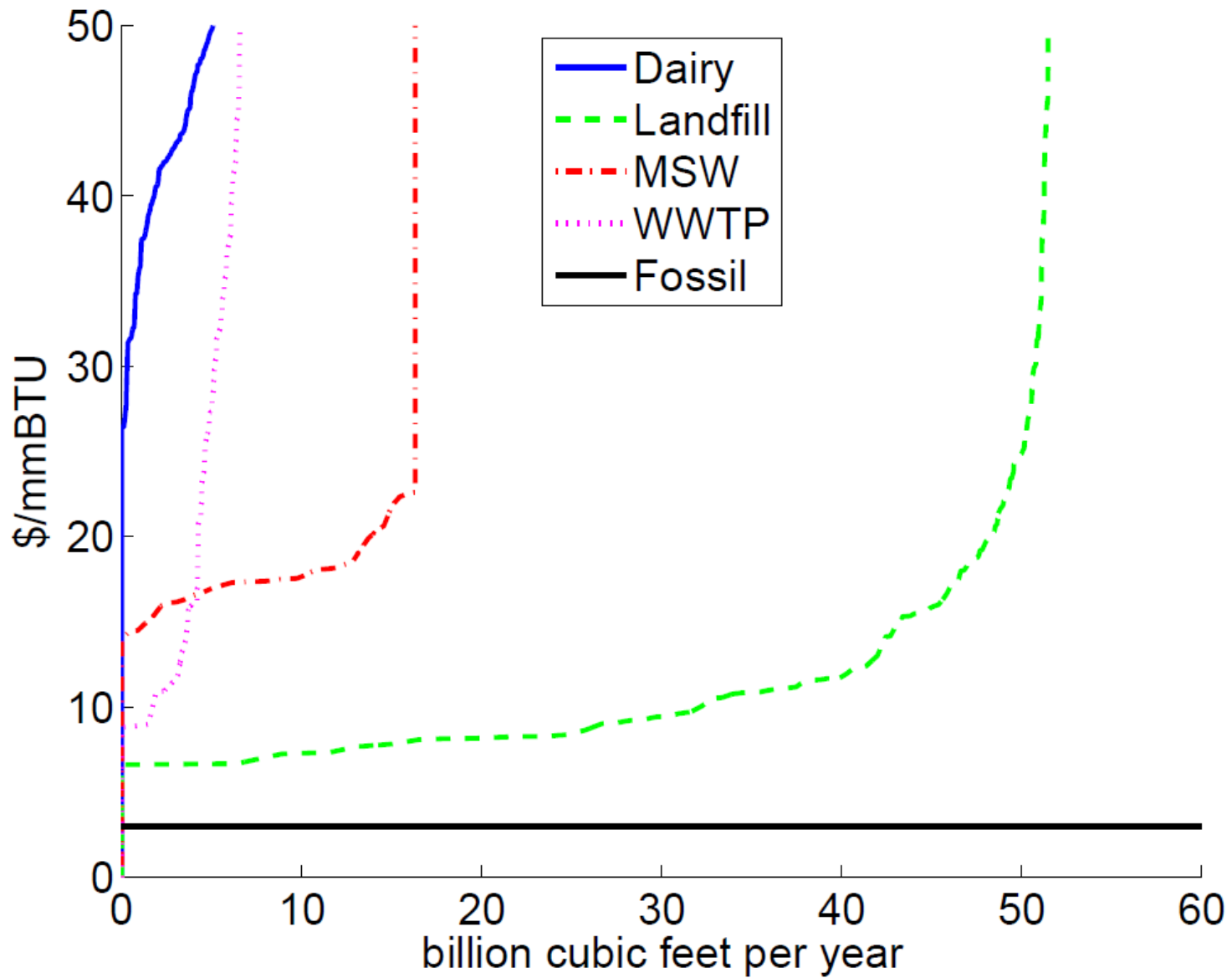
Input: waste in place

Wastewater Treatment Plant (WWTP)



Input: waste water

Renewable Natural Gas Supply Curves



Fuels Policy Strongly Favors Certain Pathways

