



Whether Lincoln Should Seek Authority to Limit New Fossil Fuel Infrastructure

Town Meeting - March 26, 2022



Why act now?

Window closing fast to act on climate change

By 2050, reach “net zero”

By 2030, reduce emissions about $\frac{1}{3}$ from present



Climate change impacts in New England



- Hurricanes
- Flooding
- Droughts
- Plants & animal shifts



Moving away from fossil fuels is healthier

- Gas stoves >> indoor air pollution
- “Fracking” >> air & water pollution
- Children and older adults >> higher health risk

What we need to do

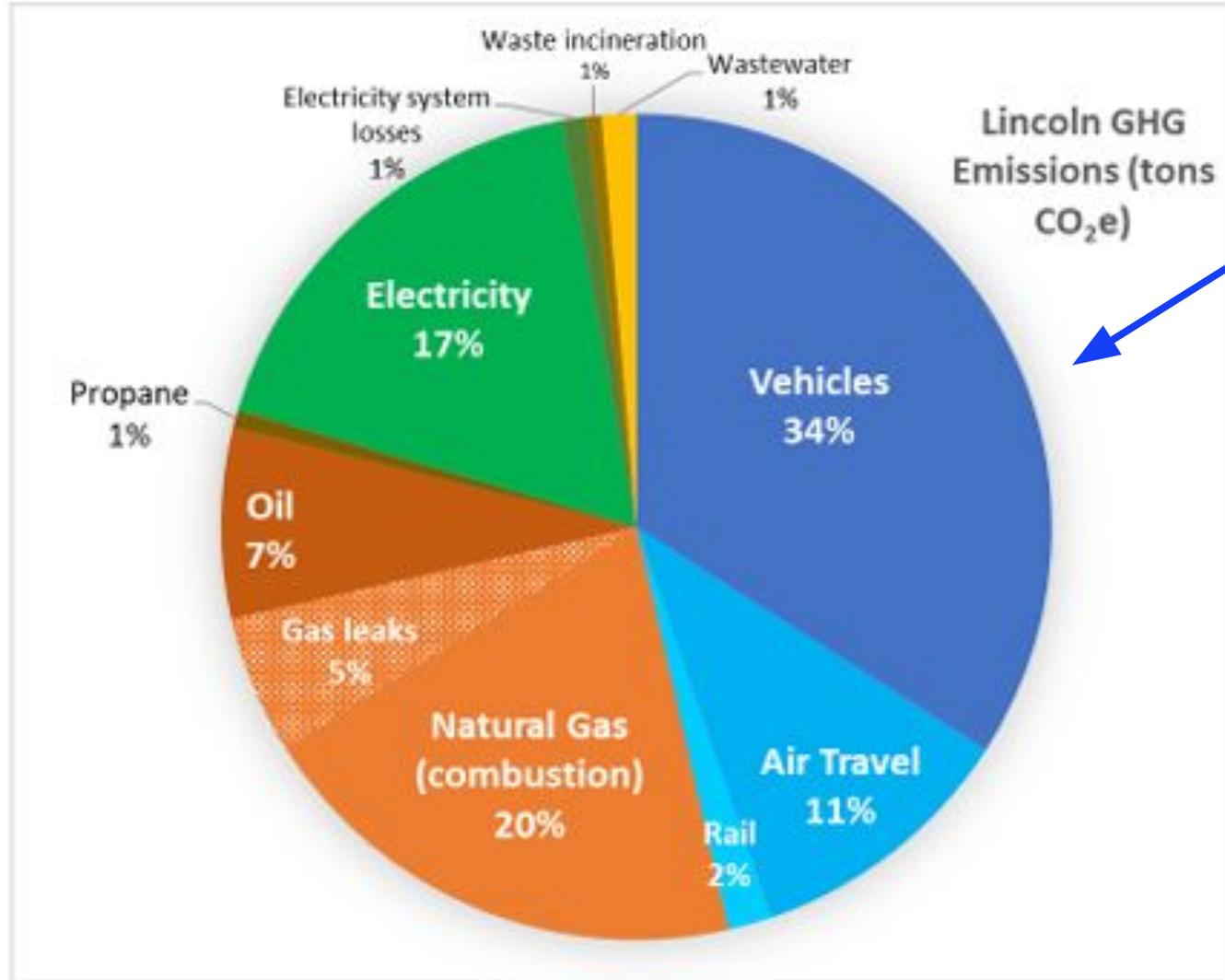


Figure 1 – Emissions Summary (2017)

Electrify everything

Produce electricity without burning things



Motion > Petition > Bylaw

- Home rule petition to legislature
- To authorize Lincoln to restrict gas hookups
- Next step: develop & adopt specific bylaw

Authority to be created

- Building permits for new buildings
- Also potentially “major renovations” (TBD)
- Can’t hook up piping etc. for natural gas / oil / other fossil fuels
- For heating, cooking, etc.
- But could allow emergency generators. other exceptions

Help push statewide policy

- Proposed net zero stretch code
- Statewide “home rule” legislation
- Add to Acton, Arlington, Brookline, Concord, & Lexington

The good news: the technology we need already exists



Heat pump



Water heater



Induction cooktop

Motion endorsed by:



GEC



Planning Board



LLCT



MOF



St. Anne's Climate Justice Ministry



FPL Green at First Parish

QUESTIONS?

See also additional information resources at
<https://bit.ly/Article31info>

Heat pumps provide us safe, efficient and reliable heating and cooling



Electric cooktops have many advantages



GAS

- indoor air health dangers
- fire danger
- global warming



ELECTRIC -

RESISTANCE COIL

- inexpensive up front



ELECTRIC -

INDUCTION

- responsive & precise
- cool surface; safe
- easy cleaning

Potential exceptions from the ban

Portable gas canisters



Emergency generators



Other?