

Climate Change: What can we do?

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SOCAN

Confronting Climate Change

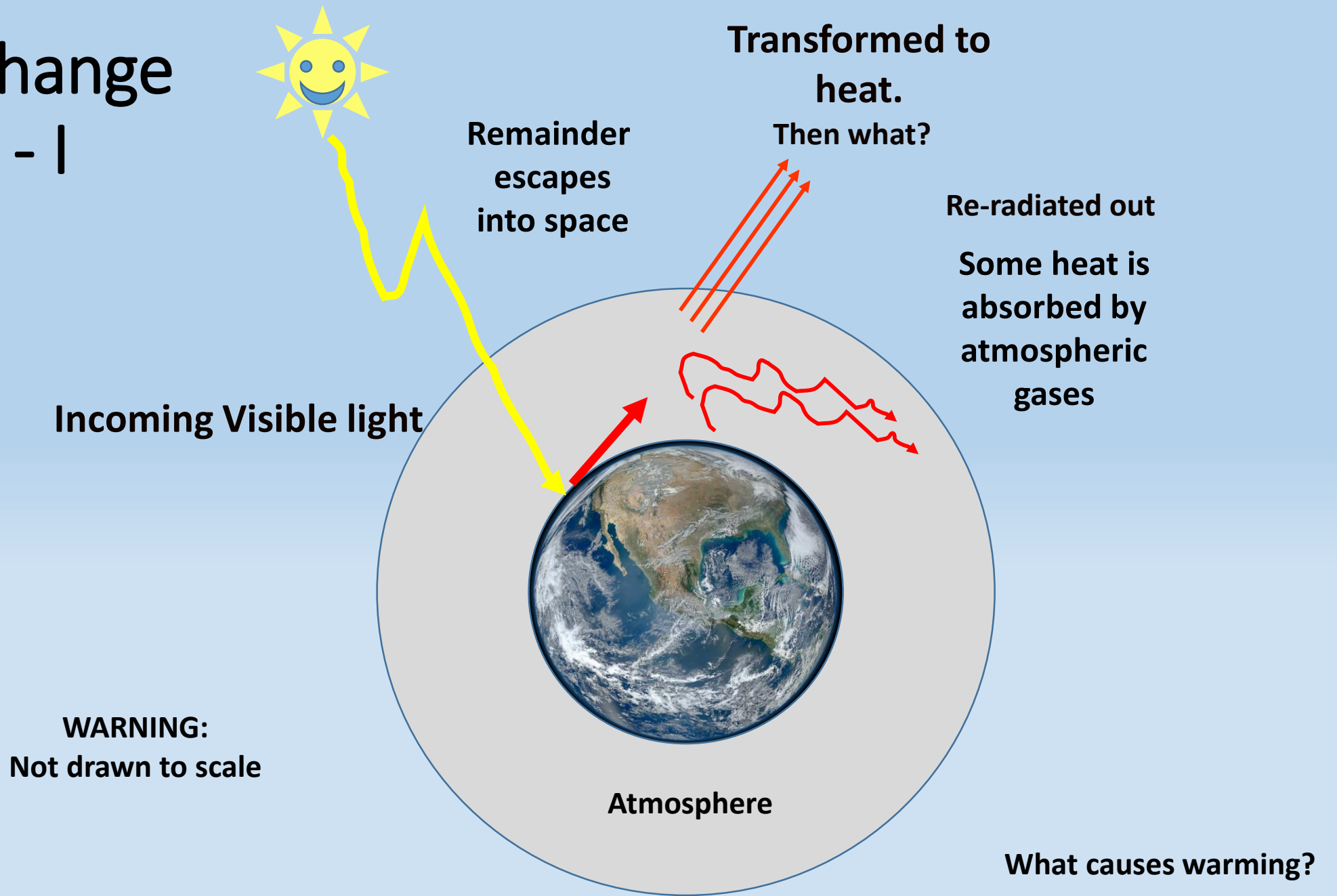
Wildfires



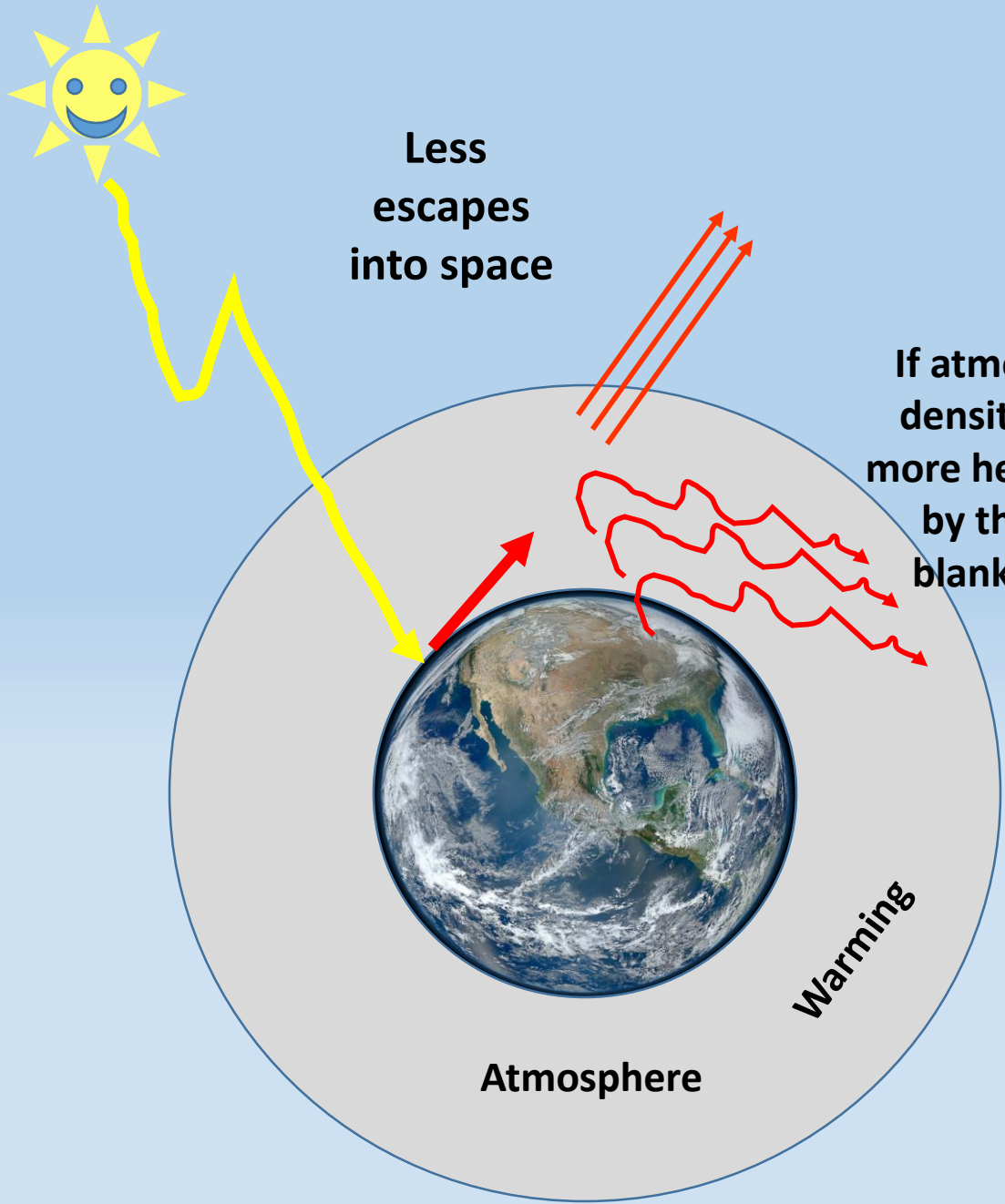
Climate change contributes to increasing wildfires

What is causing climate change?

Climate Change Basics - I



Climate Change Basics - II



Less escapes into space

If atmospheric gas density increases, more heat is retained by this 'thermal blanket' of gases

What are these gases?

Climate Change Basics - III

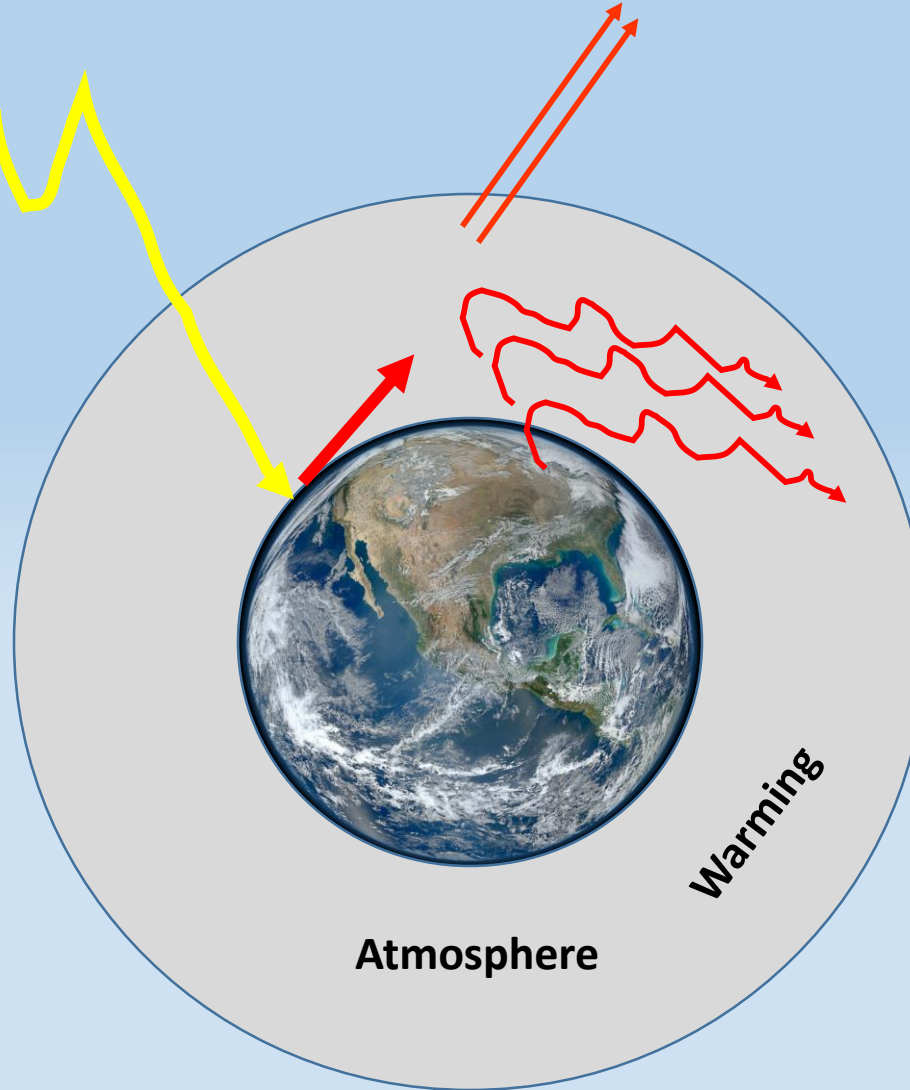


**Carbon dioxide
= CO₂**

Methane = Natural Gas

Oxides of Nitrogen

Which is the most serious contributor?



From where do these gases come?

Sources of Most Warming Gases

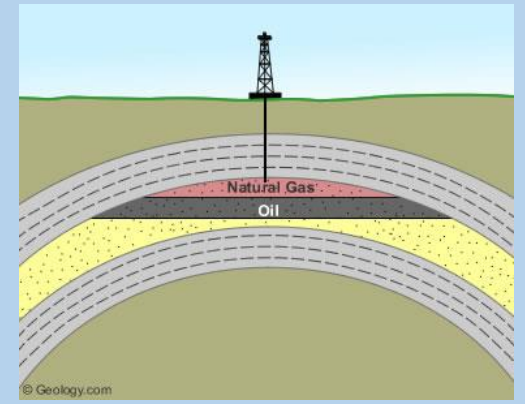
COAL



OIL / GASOLINE

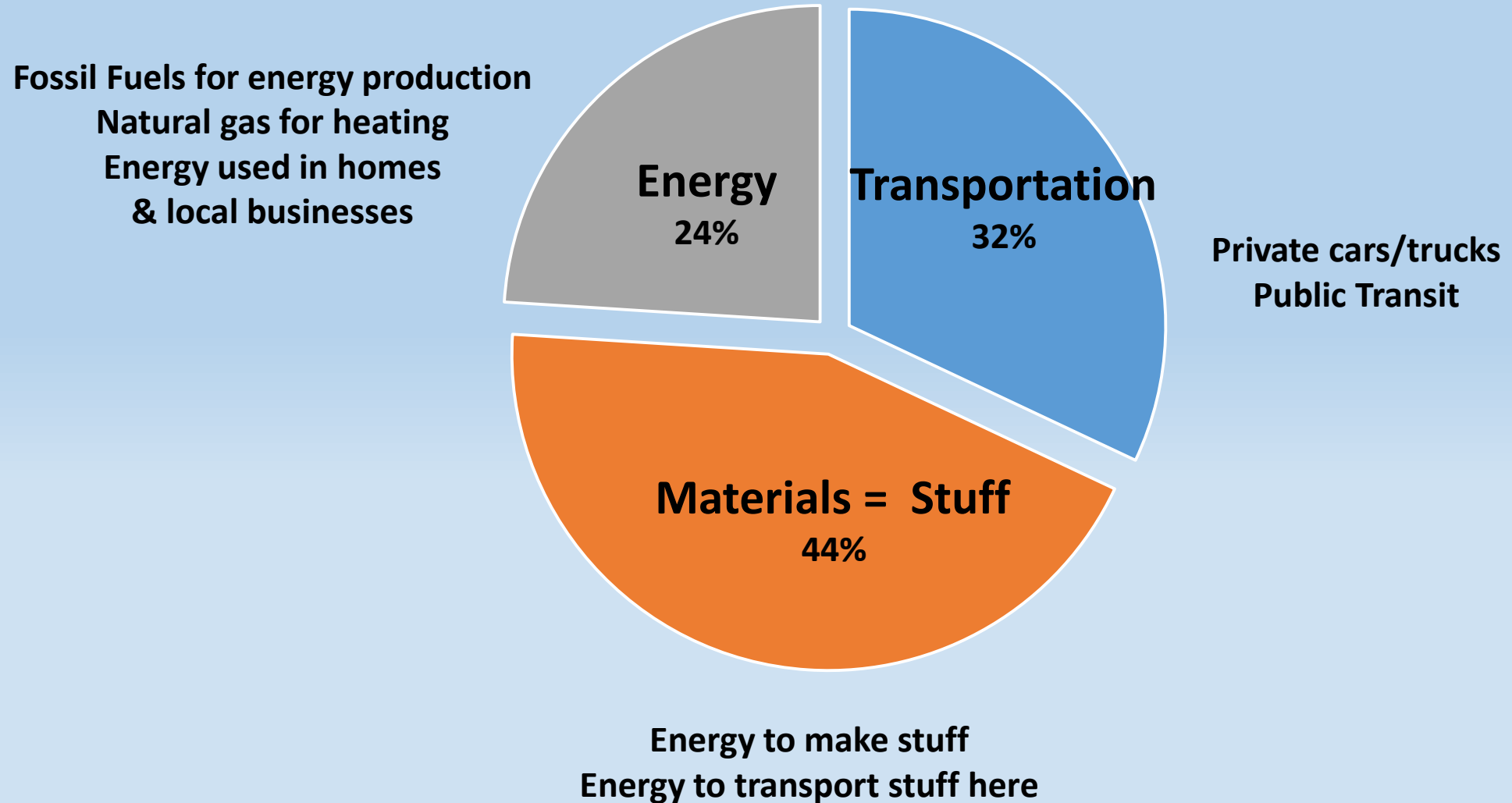


NATURAL GAS



For what do we use these fuels?

Rogue Valley: Use of These Fuels



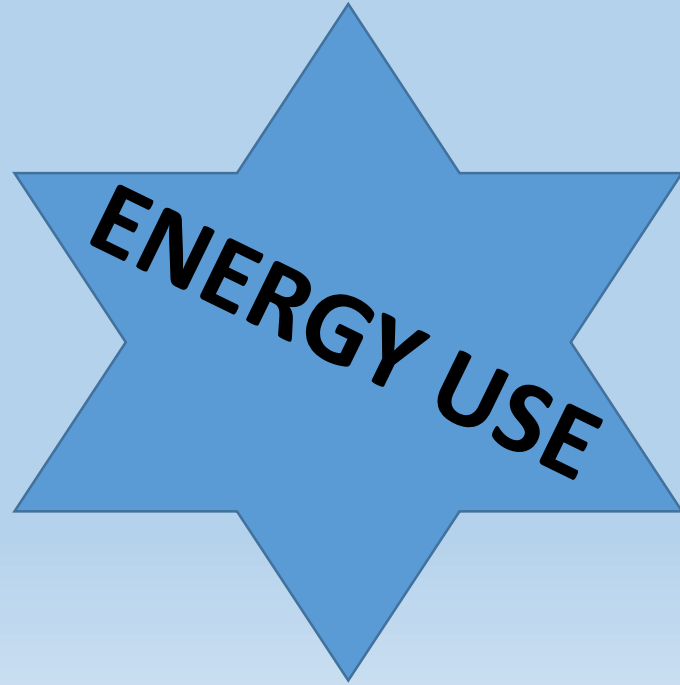
Review!

- Reducing our fuel use for materials, transportation, and energy...
- Reduces our use of coal, oil, natural gas....
- Reduces our emissions of carbon dioxide, methane, oxides of nitrogen...
- Reduces our warming of the atmosphere...
- Reduces wildfire risk

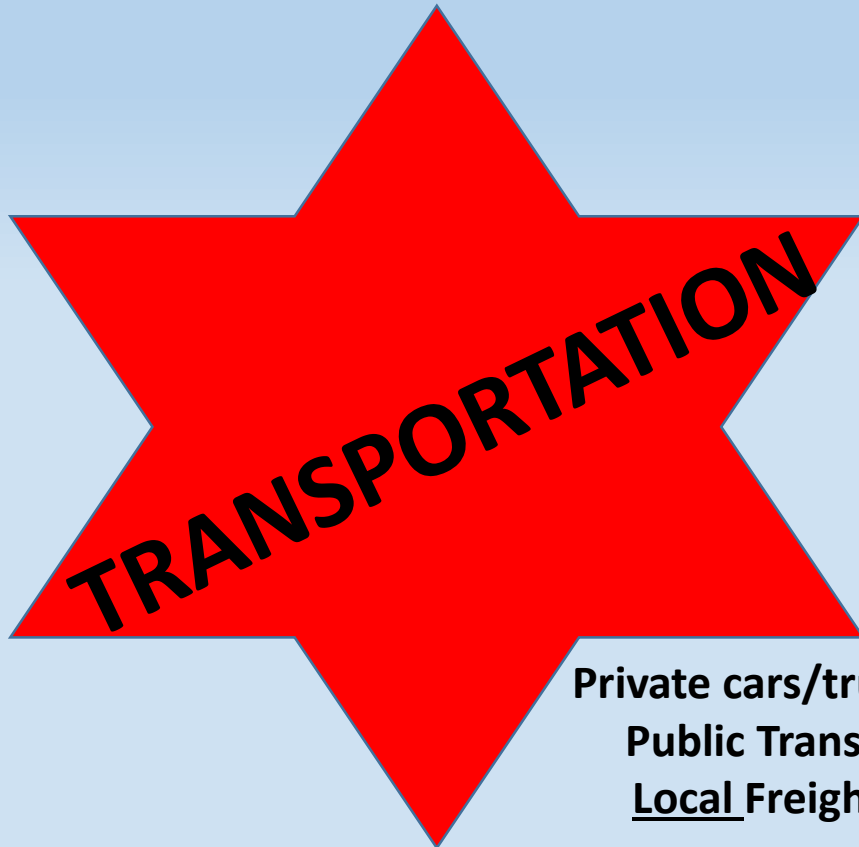


NOW IT'S YOUR TURN

What can YOU do
to reduce your gas emissions
and reduce forest fires?



Fossil Fuels for energy production
Natural gas for heating
Energy used in homes
& local businesses



Private cars/trucks
Public Transit
Local Freight



Energy to make stuff
Energy to transport stuff here