



Climate CRISIS

Review Part 2

- Jan 14 2025

After the LA **inferno**
CA is planning a
“Make Polluters Pay”
Climate SuperFund
bill.

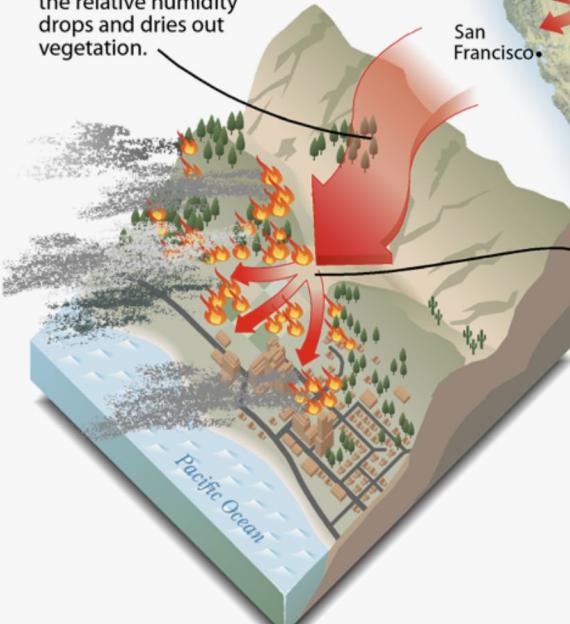
Diablo and Santa Ana Winds at a Glance

This is how the hot, powerful Santa Ana winds in Southern California and Diablo winds in Northern California increase the regions' fire risk.

HOW SANTA ANA AND DIABLO WINDS OCCUR

1 A high-pressure system in the Great Basin generates clockwise desert winds.

2 These winds flow over the Sierras and desert ranges, compressing and warming, losing humidity. As a result, the relative humidity drops and dries out vegetation.



3 Winds squeeze through canyons like water through a hose, gusting up to 60-80 mph and even higher.

4 These strong, hot winds fan fires and create turbulence and unpredictable conditions for firefighters.

Santa Ana winds are hot dry OFFshore winds - usually in fall. These were stronger because climate change puts more energy into the system

Make Polluters Pay

A bill is being planned called

Ca Climate Superfund Bill

It will charge the big oil companies and other polluters, to help cover the costs of climate disasters. (future info on my weekly newsletter)

Week 2 - Solutions En-Roads

There are a great many Climate Change solutions and basically we need ALL of them.

Part 1 - intro and basic look at solutions

Part 2 - new features - impacts, maps etc.

Part 3 - discussion

internet

Link SeniorWaves 5GHz
Password waveseniors

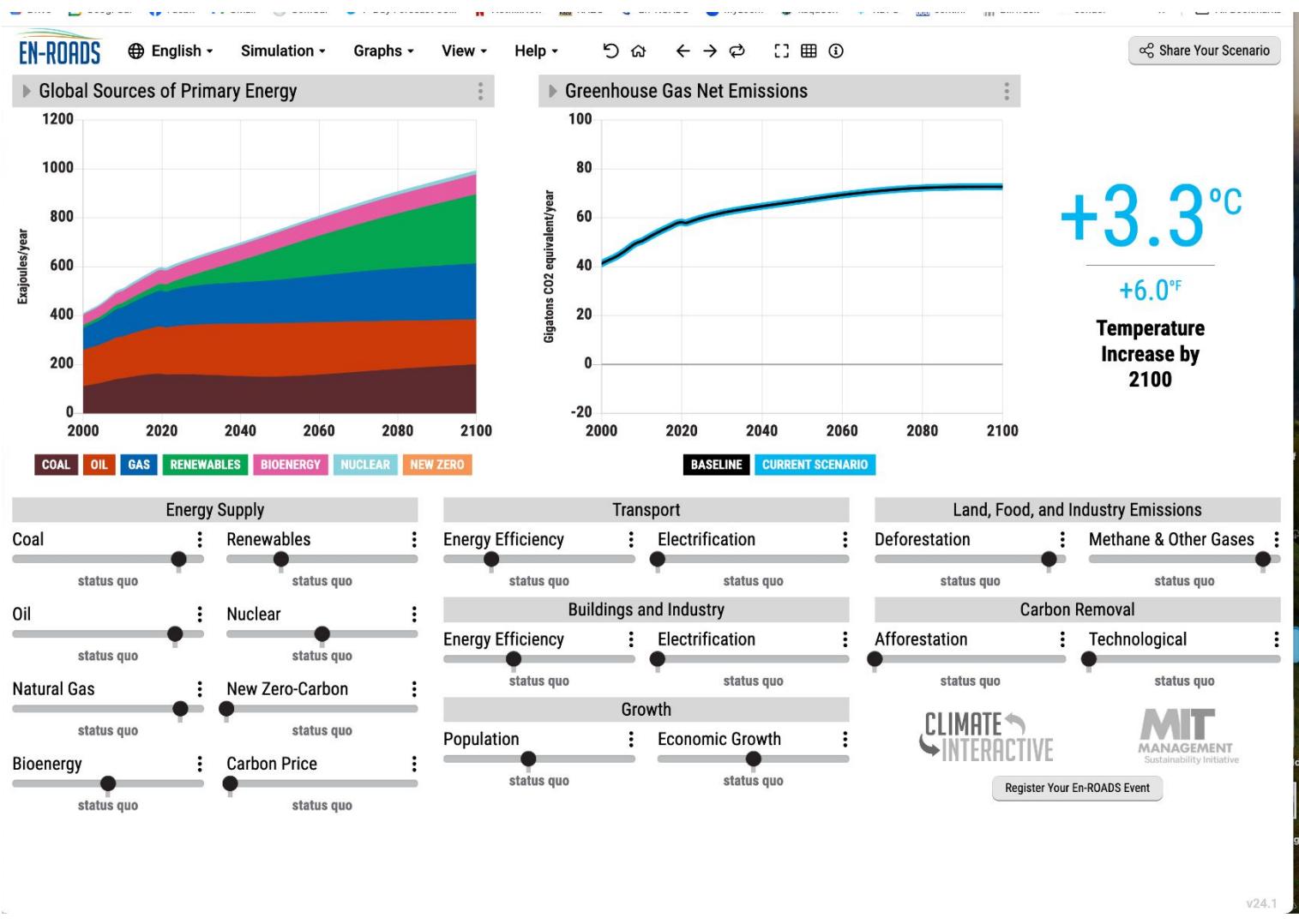
To quickly get to Enroads

scruzclimate.org/OLLI-2025

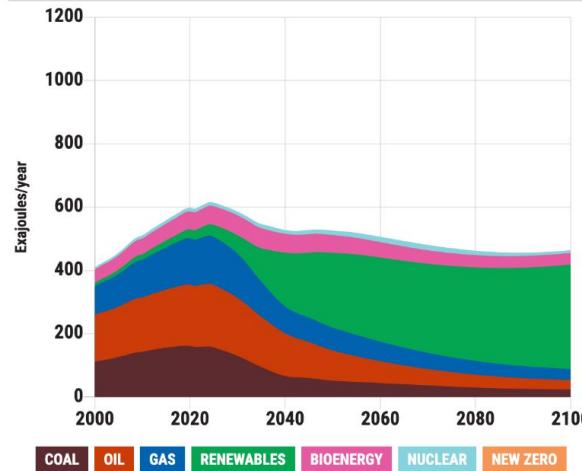
En Roads

MIT simulation
- allows
you to
compare
solutions

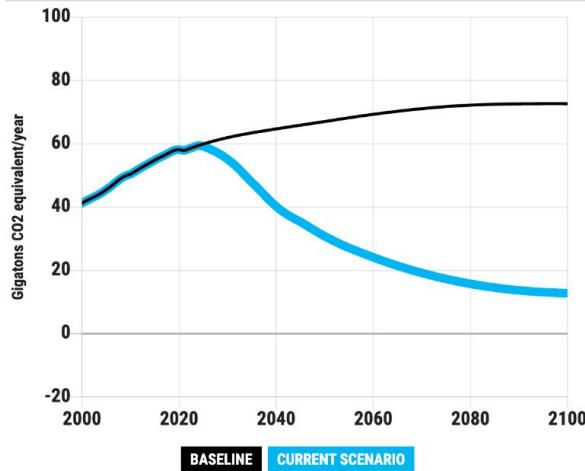
[link](#)



▶ Global Sources of Primary Energy



▶ Greenhouse Gas Net Emissions

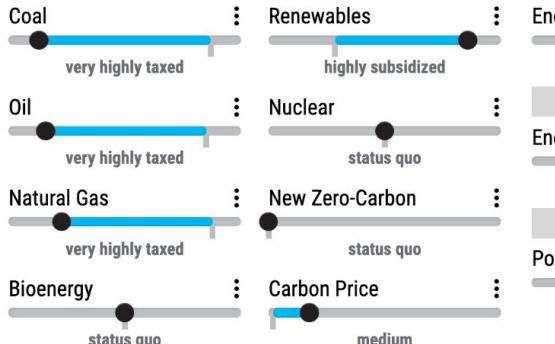


+2.0 °C

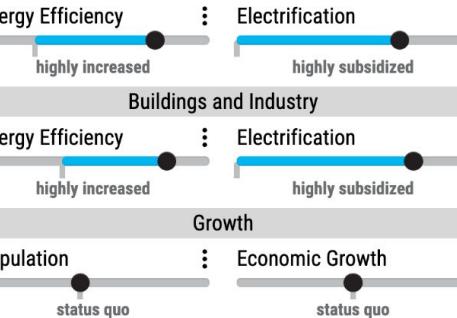
+3.5°F

Temperature
Increase by
2100

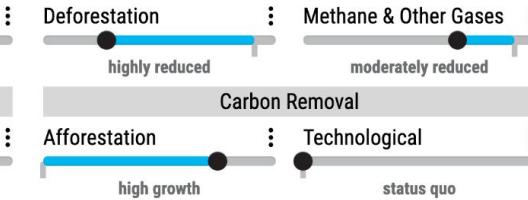
Energy Supply



Transport



Land, Food, and Industry Emissions



CLIMATE
INTERACTIVE

MIT
Management
Sustainability Initiative

Register Your En-ROADS Event

To access slides and links

<https://scruzclimate.org/olli-2025/>

See you next week!

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