

Title: The ARB Scoping Plan Needs An All Out Effort to reduce the emission of greenhouse gases and maintain human health and happiness.

Comment by Lee McKusick on Draft Scoping Plan May 16, 2022

Addressed to the California Air Resources Board

Thank you California Air Resources Board.

About the author. About 45 years ago I wrote a study of the Los Angeles Public Bus System titled “Busbook I” From 2008 to 2017 I continued my study of the bus system at the blog <https://lessco2essay.blogspot.com/>. Starting in 2017 I write a blog with the current entry as follows.
<https://www.lowco2america.com/2022/04/ten-year-all-out-effort.html>

Scoping Plan Comment by Lee McKusick

I remember peering inside an air pollution monitoring station about 1954 that was located in a public park near the Pasadena City Hall. I remember the back yard incinerator that became unused about 1955. I remember being puzzled when second grade classmates told me a joke “You see L A when the smog lifts.”

So I say Thank You to the California Air Resource Board for 68 years of clean air work.

The global atmospheric fossil fuel CO₂ concentration, as of May 2022, exceeds 417 parts per million. Eleven billion tons of CO₂ has been added to the world's atmosphere per year over the last eleven years.ⁱ

The scale of the institutional response needs to aim for a reduction in emissions that is a proper fraction, such as 1/3 or 1/5 or 1/10 per year.

Dramatic change in the task a government institution undertakes, such as a three or five fold increase in the tons of fossil fuel CO₂ not emitted means new problems, new process bottlenecks and a great need to build understanding and rapport with elected representatives.

The 2022 Scoping Plan needs the Air Resources Board to draft a joint declaration of urgency with other state agencies.ⁱⁱ

The 2022 Scoping Plan should make contact with social groups such as The Climate Mobilization at <https://www.theclimatemobilization.org/> . The global warming gas problem is much bigger than the staff of the Scoping Plan. The Scoping Plan staff should establish communication with social groups because global warming response is a human consent activity.

We Need the Scoping Plan to implement easy and popular resource reduction schemes. I remember the electric car income capped rebates offered in about 2018. The scheme did not work for me. Here is a retreaded scheme called "Save the American public school system with electric cars and free solar charging array in the school parking lot."ⁱⁱⁱ

We need some of the scoping plan schemes to be easy to copy and duplicate in other countries. In particular, China and Russia are two countries that need successful GHG reduction schemes. This means involve anthropologists, economists and students of the cultures to make the scoping plan easy to imitate.

We need the scoping plan schemes to focus on supporting individuals, families and community cultures. The GHG reductions contemplated mean a substantial reduction of vehicle miles and a substantial reduction in public utility kilowatt hours. These are drastic social changes. Support means food, income, shelter, meaningful work, artistic and athletic activity.

The Scoping Plan needs to implement multiple feedback paths of measuring greenhouse gases. We need to collect satellite ghg data together with existing California instrumentation network to produce daily greenhouse gas emission and movement. Bring the efforts at GHG reduction under cybernetic control.^{iv}

The Scoping Plan needs a specific purpose financial instrument of exchange. Most of the fossil fuel burned in the air was paid for with some kind of money. Gasoline we might say is never 'free'. An example of a financial instrument of exchange is the NEFFC which is a form of money exchanged for not emitting fossil fuel CO₂.^v

- i See: [Gasoline CO2 in the Air Blog entry by Lee McKusick](#)
- ii An existential interpretation of our situation. [The global blanket of carbon dioxide surrounding the earth is now the antagonist and we all are now the protagonist.](#)
- iii [How to not emit... "free electric cars and free commuter rides"](#)
- iv More detail on using Norbert Weiner's ideas about command and control in the animal and machine. [How do we get the fastest possible CO2 reductions?](#)
- v [Get paid for Not Emitting Fossil Fuel Co2. \\$3.93 per Kg.](#)