

Environmental Justice Advisory Committee

Preliminary Draft Recommendations

Joint EJAC & CARB Board Meeting
Scoping Plan 2022 Update
March 10, 2022

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Message from Co-chairs



Message from Co-chairs

- The following recommendations are preliminary, pre-PATHWAYS, IMPLAN, and BENMAP-CE modeling recommendations.
 - Our recommendations call for inclusion of California's Indigenous community concerns, as well as direct input from most of California's EJ communities because of the *competing timelines (recommendations/SP draft v. community engagement)*. However, we are working to run the timelines as parallel by conducting robust, *culturally competent* community engagement prior to the Board's final review of the draft Scoping Plan.
 - Our recommendations emphasize direct emission reductions and reject unproven technological and policy remedies such as Carbon, Capture, Usage and Storage (CCUS) and emissions trading.
-

Non-Fossil Fuel Energy Generation

Scoping Plan Recommendations

Overarching

Prioritize energy conservation first, energy efficiency second, then focus on development of local clean energy resources that create local workforce opportunities and reduce utility bills. Conduct life-cycle assessment for harm to EJ communities.

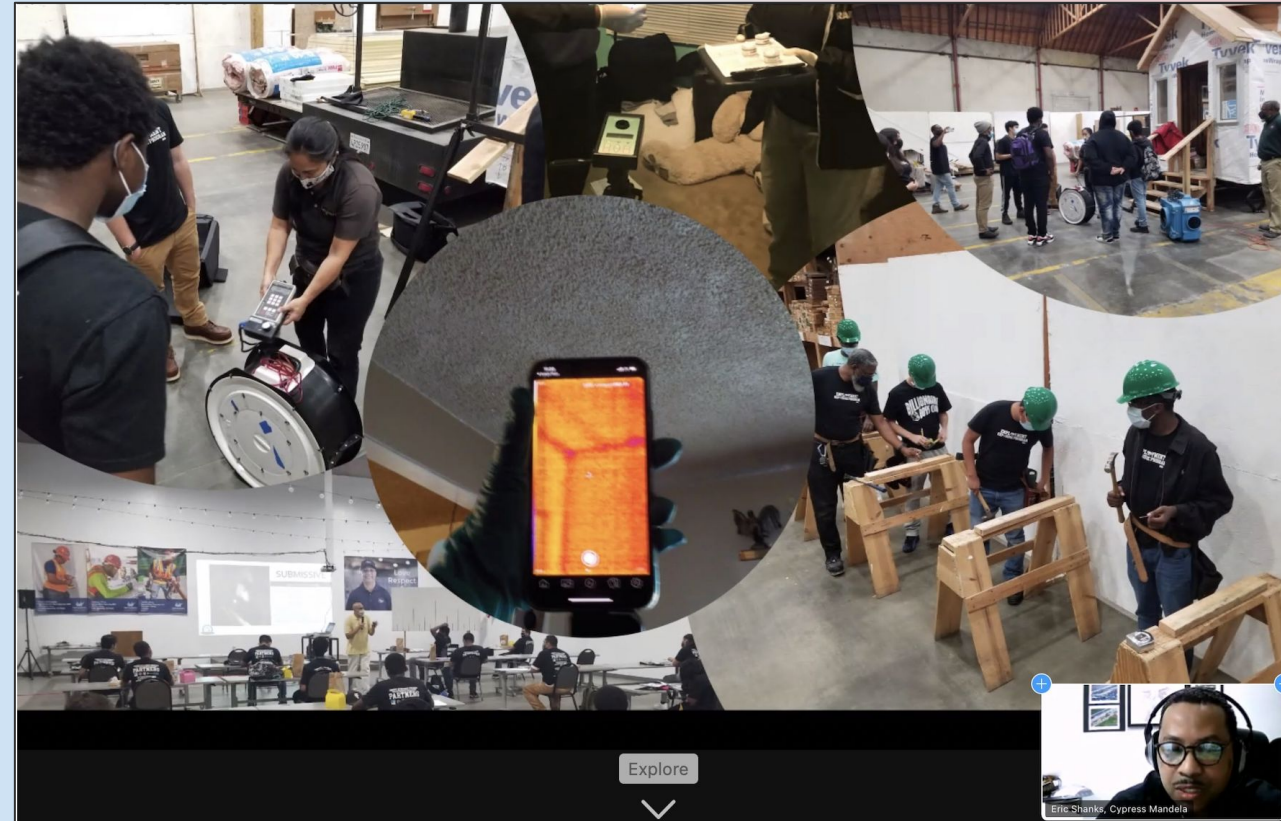


Non-Fossil Fuel Energy Generation

Scoping Plan Recommendations

Workforce Development

Follow the recommendations of the Building, Energy, Equity, and Power (BEEP) Coalition. Prioritize creation of local, unionized or family-sustaining “high road” jobs in partnership with labor unions, community colleges, and green jobs training centers, particularly for youth, people of color, formerly incarcerated people, and people with other barriers to employment.



Non-Fossil Fuel Energy Generation Scoping Plan Recommendations

○ Building Decarbonization



- Follow the recommendations of BEEP Coalition and Strategic Actions for a Just Economy (SAJE).
- Perform decarbonization in phases and prioritize new buildings, the largest buildings and largest emitters, and publicly owned buildings.
- Address building decarbonization in tandem with affordable housing preservation and policy protections to protect and empower small landlords and homeowners.
- For existing buildings, prioritize energy affordability and tenant protections from cost increases, harassment, displacement, evictions, or energy debt burdens. Prevent landlords from absorbing decarbonization subsidies while passing the costs to tenants.
- Pair building decarbonization with other critically needed renovation efforts to make buildings healthier and resilient, and design a consumer-friendly one-stop shop for retrofits.

Non-Fossil Fuel Energy Generation

Scoping Plan Recommendations

○ Increase Access to Rooftop Solar

Prioritize, support, and direct public investments in rooftop solar to benefit the most disadvantaged communities first.

Create targeted incentives that enable low-income households to go solar and pay for energy efficiency.

Work with the CPUC and CEC to promote community ownership and control of local solar and wind facilities.



Non-Fossil Fuel Energy Generation

Scoping Plan Recommendations



Utility-Scale Renewable Energy

Incorporate full-cost accounting to correctly assess the economic savings from investing public resources in community-owned and -controlled, local clean energy resources.

Develop guidelines for utility-scale solar and wind projects that require them to prevent and mitigate environmental and social threats to sensitive ecosystems, endangered species & Indigenous sacred sites.



Non-Fossil Fuel Energy Generation

Scoping Plan Recommendations

LITHIUM MINING IS EXPANDING HERE TO MAKE ELECTRIC VEHICLE BATTERIES AND OTHER SO-CALLED "RENEWABLE" ENERGY STORAGE INFRASTRUCTURE.



IN FACT, INVESTORS AND PROSPECTORS CALL LITHIUM "WHITE GOLD."



Electric Vehicles

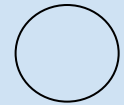
Conduct a full life-cycle evaluation of lithium mining impacts on EJ and Indigenous communities.

Prioritize funding incentives for electrification of heavy duty vehicles & mass transit, over single-passenger vehicles.

Eliminate equity barriers to EV adoption in California, such as affordability and access to charging stations.

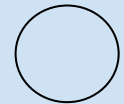
Transportation

Scoping Plan Recommendations



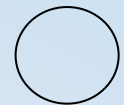
Accelerate Zero Emission Targets

100% ZEV sales by 2035, and where feasible: 100% ZEV for drayage trucks by 2030



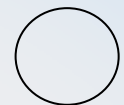
Significantly Strengthen Equity Investments and Protections

Prioritize majority of investments in ZEV/charging for top 25% of DACs, dramatically increase funding for voucher programs (e.g. recommend \$1.5B for this upcoming year alone).



Increase Support for Policies to Implement a VMT Reduction of 30%

Support the implementation of the Caltrans California Transportation Plan by 2050, signaling the need for additional policy and investments in mass transit for EJ communities.



Amend LCFS to Reflect Climate and Sustainability Concerns

Send a strong signal that California fuels policy will reflect limited need for carbon free liquid and gaseous fuels, the latest consequential life cycle analyses of alternative fuels, and feedstock caps.

Fossil Fuel Industry

Scoping Plan Recommendations

- Sound the Alarm for a Fossil Fuel Worker and Community Safety Net Fund
Urgently call for an immediate, robust safety net fund for displaced fossil fuel workers and communities that will otherwise lose local tax revenue for critical services.
- Commit to an Interagency Planning Process for Refinery Phasedown by 2045
By 2024, with refinery workers and communities, adopt an interagency plan to manage the decline of oil refinery production as it reflects zero emission transportation policies by 2045.
- End Oil Drilling in California by 2035
To end oil drilling in California by 2035, the phaseout must begin as soon as possible and include protections for workers and tax base replacement for counties and local governments.

Cap & Trade

Scoping Plan Recommendations

- CARB must prioritize rules towards direct emissions reductions e.g., full, coordinated phase-out of fossil fuels
 - Cap-and-trade \neq direct emissions reduction
 - CARB should treat cap-and-trade as backstop rather than an assured way to meet climate targets
- Independent Emissions Market Advisory Committee (IEMAC) substantiates EJ claims: free allowances + offsets are market loopholes
 - free allowances undermine potential of staying under cap

Cap and Trade

Scoping Plan Recommendations

- Conduct thorough analysis of the cap needed to meet 2030 goals
- Eliminate offsets and free allowances. If not eliminated, at the very least, implement IEMAC's recommendations for market design & program reform
- Establish **“No Trading Zones” in EJ communities**
- Increase evaluation and data transparency e.g., facility- and company-specific allowance allocations and trading patterns

Manufacturing

Scoping Plan Recommendations

Fuels

Implement incremental industrial electrification to reach 100% clean energy sources (via renewables and direct hydrogen combustion via dedicated clean hydrogen pipelines) by 2045.

Materials

Channel investments into R&D, pilot programs, etc. to reduce max levels of (process) emissions directly.

Fully consider existing alternatives.

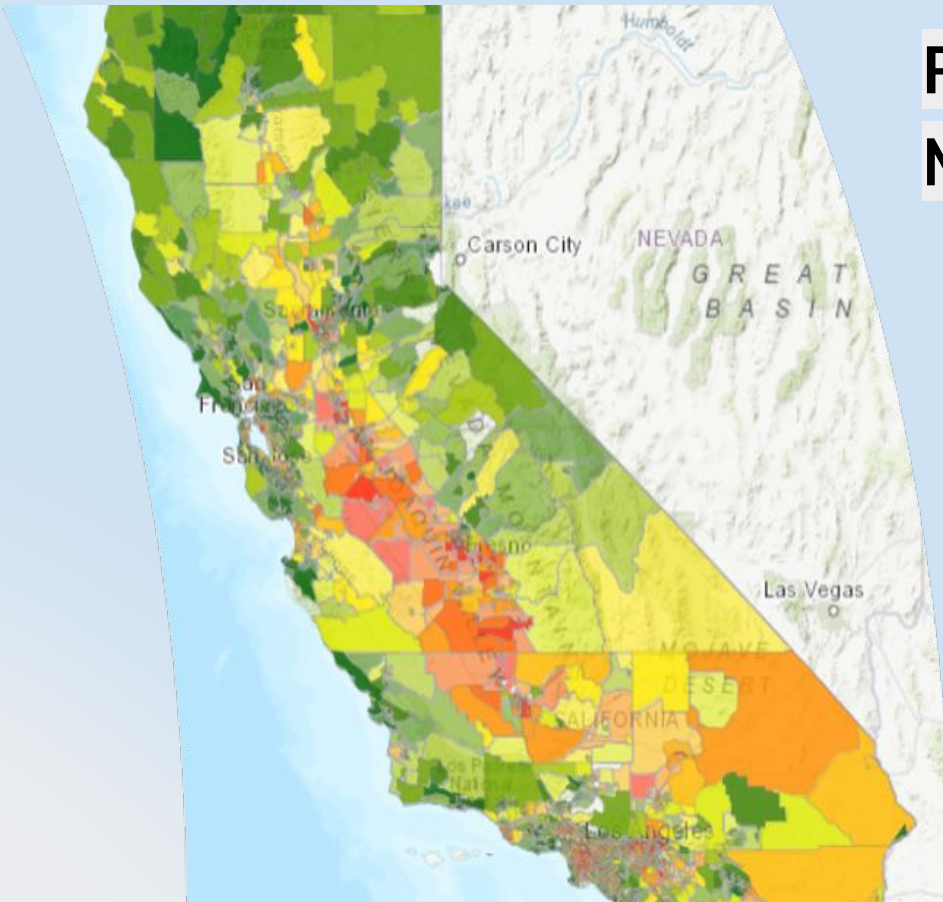
Manufacturing

Scoping Plan Recommendations

- **Transition to alternatives now.**
Continue research and public education around emerging alternatives and technologies for each type of industry. Start the transition now in EJ communities.
- **Ensure significant reductions from the dirtiest polluters.**
Eliminate emissions directly first. Do no harm regarding switched fuels & new technologies. Apply BACT in the interim.
- **Ensure a Just Transition for workers & communities.**

Public Health & Social Costs

Scoping Plan Recommendations



Resolve to Select a Scoping Plan that *Best* Maximizes Health Benefits for EJ Communities

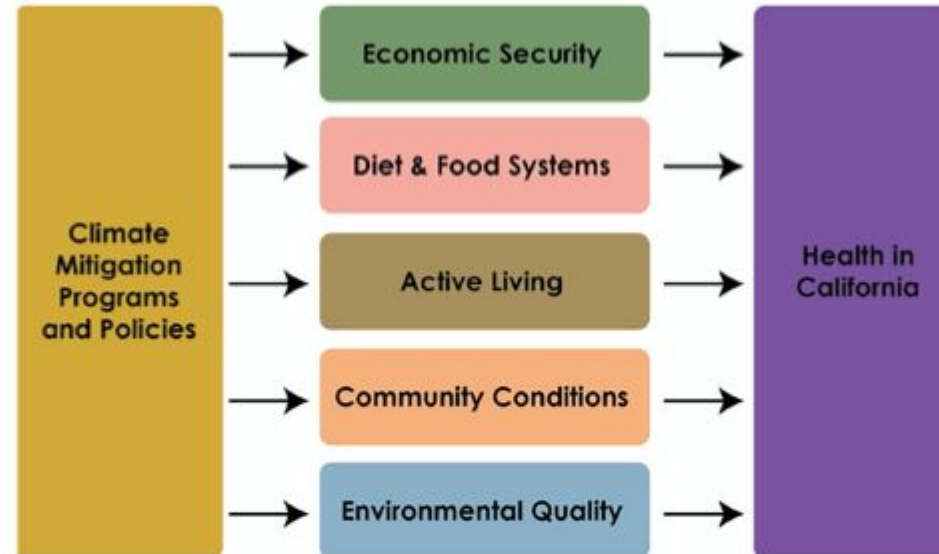
- Resolve to adopt a Scoping Plan that ensures emissions are reduced first and fastest in disadvantaged communities
- Resolve *not* to select a Scoping Plan that increases pollution in overburdened communities

Framework for the Health Analysis of the Climate Change Scoping Plan

Public Workshop
July 13, 2018
10:00am to 12:30pm
Sierra Hearing Room
CalEPA Headquarters
Dr. John Balmes, MD



Pathway from Climate Action to Health



Scope of Framework

- Includes pathways from the programs in the Scoping Plan to drivers of health
- State, regional, and localized health impacts included
- Both positive and negative health impacts will be assessed
- Includes quantitative and qualitative analysis
- Includes additional factors that can impact health E.g., social inequalities, economic inequities, and living conditions
- Does not include contributions towards global impacts

California's climate solutions could and should be one of our biggest opportunities to improve public health.

Natural & Working Lands

Scoping Plan Recommendations

○ Include an ambitious pesticide reduction target

- Reduce the use of synthetic pesticides by 50% by 2030
- Reduce the use of hazardous pesticides by 75% by 2030, starting with organophosphates, fumigants, paraquat, and neonicotinoids



Natural & Working Lands

Scoping Plan Recommendations

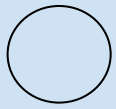


○ Evaluate public health and equity outcomes for all agricultural management strategies.

- In addition to carbon, model methane and nitrous oxide emissions from agriculture
- Model the full life-cycle greenhouse gas and public health impacts of fumigant pesticides

Natural & Working Lands

Scoping Plan Recommendations



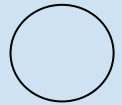
Include organic farming in all Scoping Plan scenarios

- Restructure scenarios to model progressive percentage increases in the adoption of all proposed agricultural management strategies



Natural & Working Lands

Scoping Plan Recommendations



Collaborate with Native Nations for traditional land practices

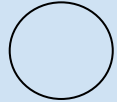
Prescribed cultural burning, for example, to prevent extreme wildfires. Includes rematriation of land to tribal stewardship.



Fire is Medicine

Natural & Working Lands

Scoping Plan Recommendations



Assess and report on the impacts of past and future

Scoping Plan activities on tribal lands and

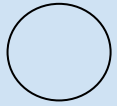
state lands such as state parks.

109 Federally Recognized Tribes in California. Can you name 10 of them?



Natural & Working Lands

Scoping Plan Recommendations



Seek non-traditional technical input



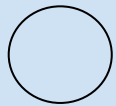
Overarching

Scoping Plan Recommendations

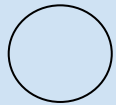
- Conversations that still need to happen
- CCUS - Beyond Extending the life of Fossil Fuel
- The Spirit of the Plan

Scoping Plan Recommendations

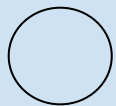
Scoping Plan Conversations that have *not* had adequate attention



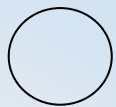
CEQA



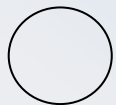
Land Back



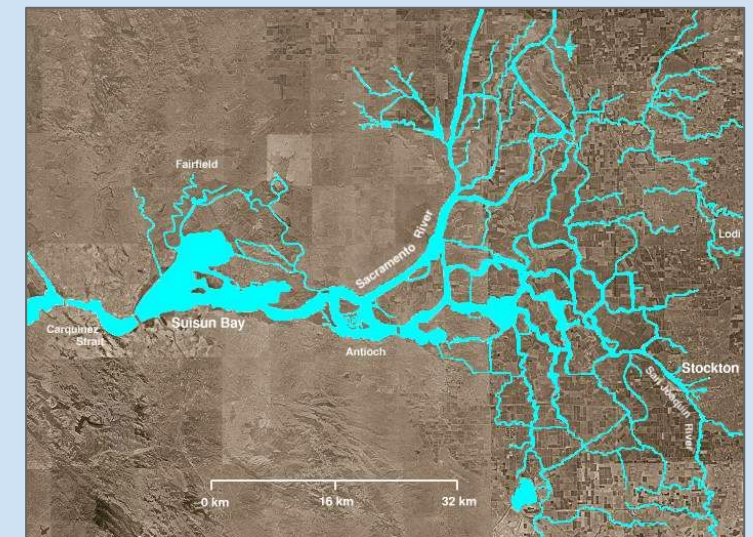
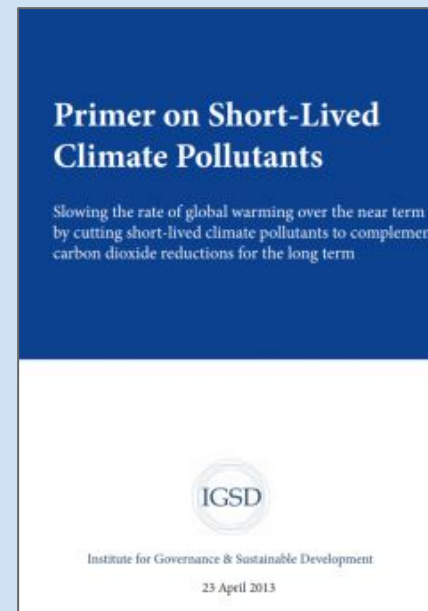
CARB's Literacy on Racial Equity



Where's the Water?



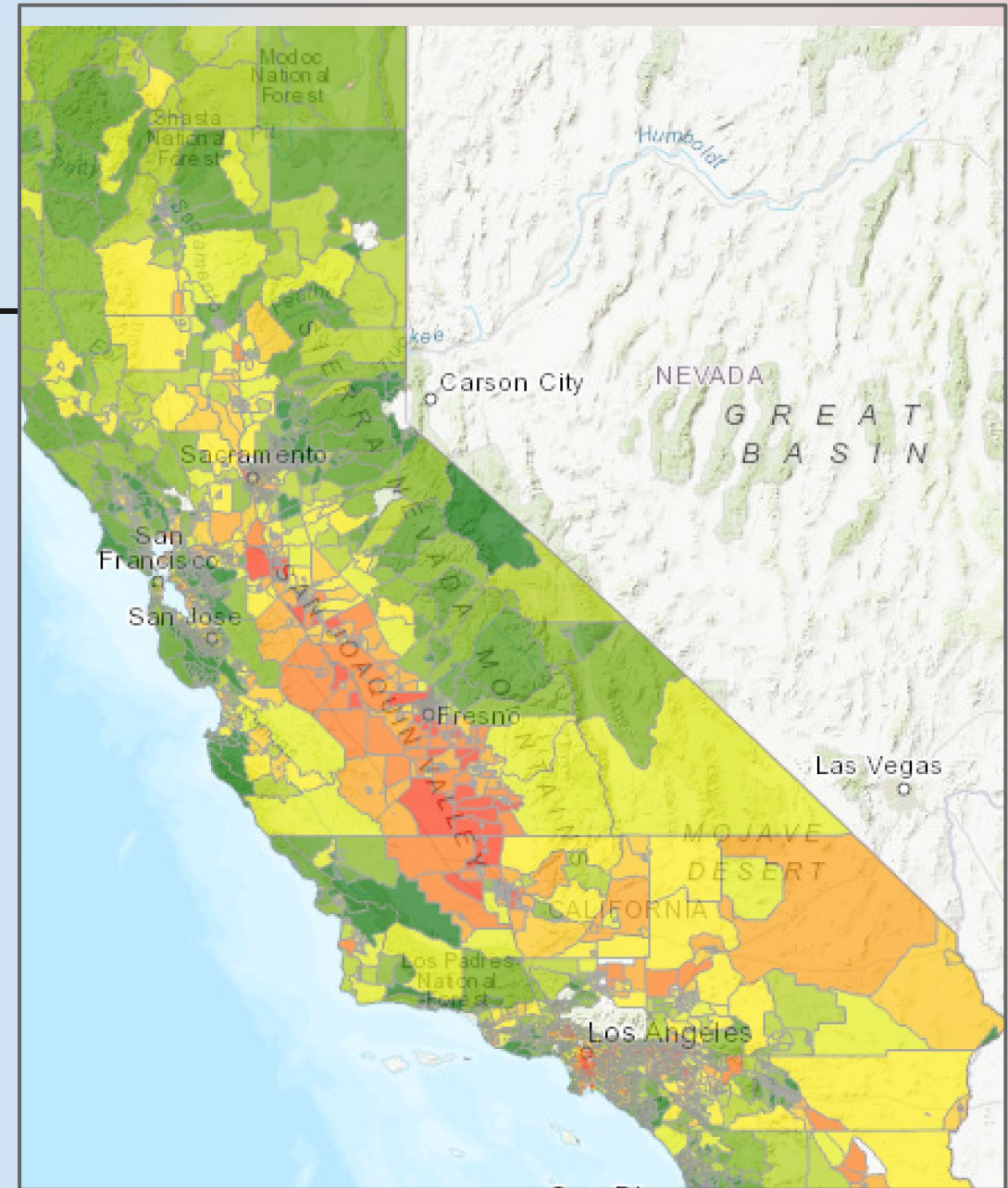
Short Lived Climate Pollutants



CCUS / CCS / ECR

Scoping Plan Recommendations

1. Disclosure of All Current Proposals within CA
2. Are those proposals intended to exempt interests that are currently contributing to Cap-N-Trade?
Are we really going to fund their *compliance*?
3. Going Beyond Enhanced Oil Recovery; Cement, Glass, Steel? We can't say, we haven't been included.
4. How does incentivising this strategy render Co-Benefits?
5. Where is the Participatory Research? The questions that have been asked aren't adequate.



CCUS / CCS / ECR /

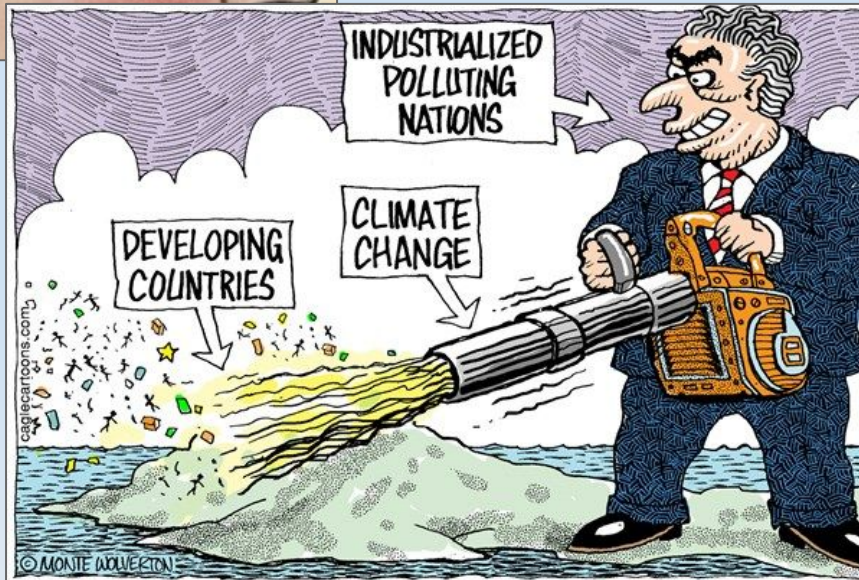
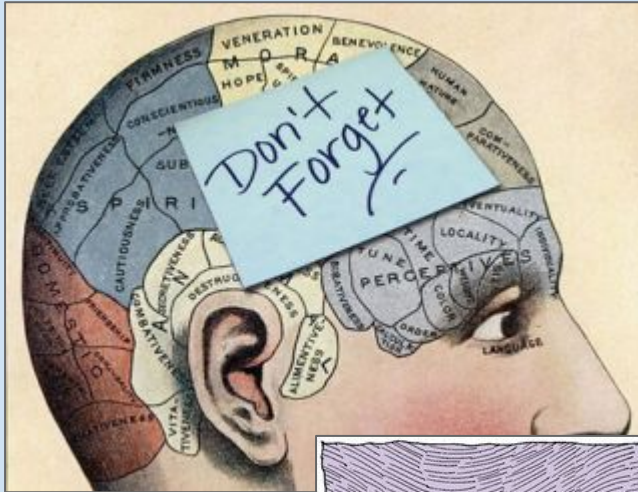
Scoping Plan Recommendations

1. Oil & Gas Exploration dataset is inherently racist
2. How it is implemented will disproportionately hurt EJ Communities
3. Long term monitoring and responsibility for accidents cannot lie with the implementing party
4. Confidence in traditional drilling agencies like CalGEM is minimal... at the very least CARB should enforce their own protocols.
5. Who owns this public investment? If we're going to pay for it maybe we should own the dollars AND the responsibility



The Spirit of the Plan

Scoping Plan Recommendations



Process Concerns



Thank you!

Questions & Discussion

