AB 32 Environmental Justice Advisory Committee
Conference Call Meeting
Coastal Hearing Room, Cal/EPA Headquarters
June 6, 2016

Committee Member Attendees

Martha Dina Argüello (MDA), Katie Valenzuela Garcia(KVG), Sekita Grant (SG), Kevin Hamilton (KH), Rey Leon (RL), Luis Olmedo (LO), Kemba Shakur (KS), Gisele Fong (GF), Mari Rose Taruc (MRT), Eleanor Torres (ET), Monica Wilson (MW), Tom Frantz (TF)

ARB Attendees

In-person: Floyd Vergara (FV), Trish Johnson (TJ), Dave Mallory (DM)

Facilitator

Stephanie Lucero (SL), CCP

Cindy Teague, CCP

Attachments:

- Public Meeting Notice
- Proposed Agenda
- Draft EJAC Community Meeting Schedule
- Current Draft EJAC Recommendations
- ARB Staff's Suggested Potential Structure for EJAC Community Meetings
- EJAC Community Workshops Plan
- EJAC Community Workshops Draft Presentation
- Appendix A: Recommendations Table with June 6 revisions.

Action Items

1) RL to share older PowerPoint with EJAC Committee Members.
2) ARB to include graphic of GHG included in Community Workshop Slide deck.
3) EJAC workshop members and hosts to confirm Community Workshop Dates and Times with TJ by Friday June 10. ARB and CCP will finalize schedule.
4) EJAC to send in revisions to Community Workshop Flyer by June 10.
5) ARB will revise flyer based on recommendations by week of June 13.
6) ARB will post Community Workshop dates and locations to website and prepare a press release.

7) EJAC Members should share any additional outreach strategies requested with TJ (ARB) by June 13.
8) Community Workshop Planning Standing meeting every Friday 12:30 to 2:00. EJAC co-hosts to attend. First meeting scheduled for June 10, 2016. Additional calls may be scheduled as needed for upcoming community workshops.

   June 10 EJAC Community Workshop Proposed Agenda:

   - 12:30-1:00 – update on EJAC Community Workshop resources needs and template materials review.
   - 1:00-2:00 – Individual Workshop Preparation discussions -- Oakland (KS, SG, MRT and the workshop co-host(s)).
9) CCP to assist Community Workshop hosts develop agendas, upon request.
10) All EJAC members that flagged a recommendation will contact the Sector Workgroup Lead and provide details on what clarification or revisions are requested.
11) Sector Workgroups:
    a. Will review the yellow flagged recommendations and revise as necessary. If you have not received additional information as to what revisions were requested, please provide clarification (1-2 sentences) of the issues this recommendation addresses and how. Additional points of clarification are whether authority exists to accomplish the specified recommendation.
    b. Please include additional recommendations that you feel are not capture here or that you recall hearing and want to include. We will have the May 24-25 notes available for reference by June 10. Please note those recommendations referenced on June 6 are already included.
12) Sector Workgroup Leads will send TJ and SL their team's revised recommendations. Please send these by June 17 by 5pm. When the workgroups get together, please use Track Changes so people can keep track of workgroup revisions and the date you made the change.
13) Those who raised questions should try to reach out to reach out Sector Lead regarding why you flagged. Committee Members who have issues should try to take the initiative.
14) TJ will send out Sector Lead email addresses to Committee by June 10.
15) CCP to finalize notes from May 24-25 for posting to website.

Welcome and Introductions

Welcome and Introductions by TJ. MRT presented the agenda:

2:00pm | Welcome and Opening Remarks
2:10pm | Follow-up from May 24-25 Meeting
June/July Community Meetings
3:10pm | Public Comment Period
3:20pm | Review and Vote on Draft Recommendations
Overarching Issues
Transportation

Energy, Green Buildings, Water
Industry • Natural & Working Lands, Agriculture, Waste
4:30pm | Public Comment Period
4:40pm | Next Steps
4:50pm| Closing Remarks

Meeting Goals

1. Finalizing the workshop plan.
2. Discuss the workshop agenda and survey questions
3. Get approval of slides. See the goals on the workshop handout.
4. Approve dates and locations and
5. Clear on rules for the beginning workshops.

EJAC SCOPING PLAN COMMUNITY WORKSHOPS PLAN (Last updated June 5, 2016)

EJAC Community Workshop PROGRAM

1. Goals:

- Build understanding, relevance and ownership of climate policies and programs, including program examples for environmental justice communities.
- Get feedback and collect data on what is happening now with AB 32; community needs and priorities.
- Get feedback on what should be included in 2030 Scoping Plan.
- Build partnerships and capacity with community, including local government.

2. Workshop Agenda

- Opening, Introduction, Game or other mechanism to help digest information. (For example collect climate change with health impacts.)
- Environmental Justice, AB32, 2030 Scoping Plan
- Climate Programs & Survey
    - Questions can include:
        - What do you see now?
        - What would it take for this program/strategy/plan to succeed in your community?
        - What are barriers and incentives?
- Sector Presentations, World Café
- Summary, Close

3. Materials

- Slides for main presentation (by EJAC committee).

- Outline of slides for sectors specific presentations (by ARB).
- Facilitation support, upon request.

4. Proposed Timing

Set of four meeting agendas was presented. Presentation of workshop template was completed, providing estimated timing for various components. EJAC Subcommittee consists of Martha, Rey and Katie.

- 30 minutes for gallery walk
- 30 minutes for introductions review roles
- 30 minutes of poster content
- 30 minutes for slide presentation (sent out earlier), Why it Matters?
- ARB Scoping Plan Deep Dive Sector presentations Separate Slide Deck
- Break for Jeopardy Game (or not)
- 10 minutes for world café section

In summary, the shortest duration for a meeting would be 3 to 3.5 and longest 4.5 hours.

Agenda Discussion

- MDA has almost finished Jeopardy game.
- MRT confirmed the schedule and asked questions on Sector presentations.
- Discussion: World Café offers a chance for community members to discuss with ARB staff the actual sector issues, e.g. transportation and ask questions. Rotate every 10 or 15 minutes to different tables (say, e.g. Agriculture and other sectors). At each World Café table, attendees will be answering established questions allowing for an opportunity to get clarity on their needs. Each World Café table will have a written product summarizing community comments. This written product will be recorded for Mark Wilson to use.

- This agenda is a template that members may modify to meet the needs of each community's needs. Gallery walk posters and slide decks will be available. The hope is to get content feedback to all questions:
    - What do you see now?
    - What would it take for this program/strategy/plan to succeed in your community?
    - What are barriers and incentives?
- EJAC members can customize slides. RL has additional slideshow that was created some time ago. He will send that version to TJ so people can use that version or pick and choose any and all pictures that are pertinent to their community. MRT definitely wants the graphic of GHG's slide to be included. This slide was used in the first Scoping Plan update. TJ will make that addition.
- KVG shared a draft of slides she put together using older ARB slides.

- http://www.arb.ca.gov/cc/ejac/meetings/06062016/ejac_community_workshop_draft_presentation.pdf.

Potential Structure of EJAC Community Meetings from ARB Staff:

ARB shared the following outline for the community meeting agenda, focusing on potential content resources ARB can provide.

Outreach Materials

- Meeting Flyer Template

Gallery of ARB Programmatic Posters (30 Minutes)

- Air Pollution 101 (based on EJAC discussion at May 24-25 Meeting)
  - Air Pollution Control Programs and Regulations (Federal, State, Local)
  - Climate Change Overview
  - 2030 Target Scoping Plan
  - Environmental Justice Advisory Committee
  - What Can You Do?

ARB Presentation Outline (10 Minutes)

- Brief Talk (7-10 slides) to Tie Everything Together, Reinforce Gallery Information, and Lead-in for Sector Discussions at World Café

World Café Format – Sector Deep-dives (1 Hour)

- Booths for each 2030 Target Scoping Plan Sector (i.e., Transportation, Industry, Energy and Natural & Working Lands)
  - ARB Staff are Available on "1-on-1 Basis" to Answer Questions

Closing Remarks (20 Minutes)

- By EJAC and/or Community Member to Summarize Local Community Input

Discussion on Workshop Structure Issues

FV received guidance from the Executive Office. The following points were shared with the EJAC to aid in improving workshop focus:

- If meetings are held during the day, there is room to have them be three or four hours long. Evening meetings are going to be an issue with family issues and jobs to go to. It is recommended that evening sessions are capped at two to two and a half hours and tighten the various elements in the structure.

- Talking through the suggested structure, FV said the first thing the audience sees is a Gallery walk posters to provide information and get questions from members (e.g.

Pollution 101). For those who walk through the gallery, a short 10 to 20- minute ARB presentation would connect the dots and tie together all the transportation climate programs, toxics and climate plan so there is a unifying narrative participants might not see just going from one gallery section to another.

- Next, is World Café it is recommended that workshops focus on three or four sectors from the Scoping Plan. A joint facilitation for each of these Café sessions is recommended, where a local committee representative can be at each of these stations to facilitate dialogue between EJAC members, ARB staff and the community members. The focus is to end up with more dialogue versus presentation.

- Note-taker role would come in at each of the café stations. Each local member co-host or EJAC member would summarize the recommendations that were just made and note-taker can compile them. Next step is for the entire EJAC committee can go over all of these notes.

Discussion on Structure Issues (cont.)

- There are differences between ARB suggestions and subcommittee ideas said MRT.
- ET likes the 4-hour program and has put together a team that is educating the community now. Her anticipated agenda is as follows:
    - 8:30am view posters
    - 9:00 welcome
    - 9:15 PowerPoint presentation
    - 9:45 World Café or discussions
    - Eleanor recommends modifying this agenda to your own needs in collaboration with your co-host.
- KVG summarized the only difference is the large presentation versus smaller ones.
- ET feels the proposed questions are better answered at the small tables.
- FV said we are not that far apart on these two structures. Questions can be written down on cards, so that people could ask them later.
- Notetaking issue was raised if the goals are to get input for the scoping plan, how is collection of the notes/input from community being collected?
    - SL: Whoever is facilitating can also be taking notes along with 2nd EJAC person or ARB staff person.
    - FV: To enhance ownership of community meetings, attendees should have an active role – perhaps EJAC members could be at each station and a primary community leader or representative at each table would assist facilitating and notetaking. So EJAC, ARB and community member can summarize comments that were made. Presenting them later to the larger group so note-taker can record would work.
    - Overall notes would be a summary of each breakout session and we can provide to CCP so they know what main points to capture.

    - The World Café presentations will be captured differently in each location, but this overall approach sounds good.
- EJAC Co-host and ARB personnel will get together and figure out how individual workshops will be designed and be sure to plan out notetaking logistics as you put your design together.

Workshop Calendar

- FV: ARB communications staff are very excited to be a part of these workshops. However, in order to provide the requested support, community meetings must begin no sooner than the second week of July 11, 2016.
    - San Bernardino moved from June 21 to July 11.
    - Coachella moved from June 22 to July 20.
    - Oakland will stay on June 30.
    - All other dates will stand.
- The June 30 workshop hosts, requested to keep that date. ARB and EJAC agreed to keep the June 30 meeting date and schedule the remainder after June 11, 2016.
- ARB also confirmed the scoping plan timeline will be revised to account for these changes. ARB will move the Scoping Plan comment deadline to mid-August. Likewise, the first Board hearing is moved from October to November.
- KVG pointed out trickle-down effect of moving workshops. EJAC will need to meet before ARB staff can look at the data gathered.
- MRT would like times for workshops to be posted with each workshop.
- An action item for each EJAC hosts is to send TJ, workshop times to have schedule finalized by Friday by June 10.

ARB Flyer

- Committee members can use the template that went out. Modify the draft, plug in your information and send to TJ at ARB for final approval.
- GF felt there was some confusion around the questions being asked in the flyer. Community members will be drawn in by those questions.
    - ARB can finesse the questions to make them catchier, but most important is that flyer template needs to contain individual meetings of date, time and location by EJAC member.
    - The recommendation is to add the few survey questions that will draw people in so they will want to come and share their opinions.
    - GF requested members send in what they want to see in the flyer.
- ARB will turn around the revisions, within a week or two after they receive feedback.
- ARB will post all the locations on website and send out press releases.
- Additional outreach strategies should be shared with TJ to assess whether ARB can provide those outreach options.

- Once a workshop is scheduled, each co-host, ARB and any facilitators need to have a call to detail the agenda and determine roles. Basic information sharing could take place at new proposed standing call.
- Standing-call meeting, every Friday 12:30 to 2:00 with EJAC co-hosts and TJ beginning this week on June 10.
- If co-hosts cannot make it, please contact SL to let her know. SG, MRT and KS all confirmed availability. Oakland is first June 30. These are starting calls and follow-up calls are anticipated. The intent is to have a standing time to coordinate these meetings.
- Additional Community Workshop issues can also be handled in this standing call.
- LO indicated he may need a separate call to share the points he collected from the 20-30 people in his office. (He's translating for his community members.)

Public Comment

- Comments from LO's office: All people here feel the information is so complicated and technical they have difficulty understanding it. Reading material is too small to read. They wondered if this was the final draft. Many images do not represent their community. It needs to be personalized. It needs a lot more work. It is not appealing to me or the people here. It needs to be simpler to appeal to this audience.
    - SL confirmed from earlier discussions that the presentations and flyers can be personalizes for each community.
- Sacramento Comment: Cap-and-Trade program is their issue and they have a few comments. The presentation talks about pollutants, toxics, particulates, and climate change.
    - What does ARB plan to do for 2030?
    - Presentation does not include a clear understanding of what air pollution is.
    - There is no explanation of what Climate Change is in the technical presentations of 10 minutes or so in workshops.
    - FV responded with explanation that the Gallery walk and handouts could address the issues raised. Toxics and criteria pollutants have been addressed for a long time by ARB.

Vote on Draft Recommendations

The EJ Committee went through sector by sector the draft recommendations for the Scoping Plan to approve recommendations, amend or eliminate them by using a green, yellow, red voting process.

- All items that were "yellow" will be revisited.
- First step is to green light all issues that can move forward as-is.

A few general suggestions were made at the beginning of the process:

- MRT asked that the recommendations spell out acronyms.

- GF would appreciate further editing each time "equity" is used.
- MDA requested that "Overarching Issues" be called framing.
- ARB clarified the overall process:
    - An EJAC meeting will be held again to complete the recommendations. This is just a list to give to ARB to work with for now.

Agreements:

- Overarching Issues a. through l. become "Framing Issues."
- See Appendix A: Recommendations table with those items marked as yellow and associated comments by EJAC members.
- Recommendations not identified with yellow will move forward as initial concept recommendations while ARB develops the draft Scoping Plan. The EJAC shall have further opportunities to revise the green lighted recommendations from this meeting.

Additional revisions for consideration:

- Carbon Capture and sequestration should be moved to Energy and it should not count as GHG reduction.
- Document is a live document and currently being revised. To indicate the starting point for June 6, 2016 EJ Committee Call, it can be viewed as an attachment.
- TF requested the following recommendation: "There should be a public education strategy convincing people to reduce GHG and air pollution benefits by reducing consumption of dairy and meat products."
- Another EJAC member recommended: "There should be a public education strategy emphasizing to reduce GHGs and air pollution benefits by increasing urban forestry.

Next Steps for Yellow Recommendations:

Sector Members

NW&L: ET, TF, MW, KS, KVG, and KH

Water: CB, LO, TF, MW, KS and KH

Waste: TF, MW, KVG, KS, and KH

Energy: RL, SG, MRT, GF and KVG

Transportation: SG, TF, KVG, GF, RL, and KH

Industry: MRT, KVG, ET, MDA, and KH

Investments: KVG, ET and KH

Data and Modeling: LO, ET, MRT, MDA and KH

- Those who raised questions on recommendations shall reach out to reach out to the Sector working groups and share why they flagged recommendations.
- Sector members shall review those recommendations within their sectors that were yellow lighted and revise accordingly. Marching orders are to look at the yellow issues

that need clarification and try to take care of it. If you are the one who flagged, please send your comments to the working group.

- Some felt there was a missed recommendation from May 24-25. The video from May 24-25 is available on the web, members are urged to contact TJ about any missing recommendations. You can call TJ with it.
- An Action Item is to complete a second call in June to go over all the yellow lighted items so all committee members know what they are. SL and TJ will share the current list with yellow recommendations with the working groups so they can begin making revisions.
- The Framing section, will be handled by the data and modeling working group.
- When the workgroups get together, please use Track Changes so people can keep track of workgroup revisions and the date you made the change.

Next Steps and Closing Remarks

Next Steps will be doodle poll for a June meeting to go over "yellow" recommendations. The first standing-call meeting is this Friday, June 10 from 12:30 to 2:00 to talk with those handling workshops.

Green lights will be addressed after the workshops. All of the workshops are occurring in July and updates will be detailed. May 24-25 notes will go out as soon as finalized. Recommendations with yellow marks will go out later this week. Send additional questions to Mark Wilson for help or clarification.

Thank you to all who joined the call.

Appendix A: Recommendations Table

Environmental Justice Advisory Committee's (EJAC)
Draft Initial Recommendations for Discussion Draft Version of
2030 Target Scoping Plan Update

Drafted by EJAC at April 4, 2016 and May 24-25 Meetings, revised June 6, 2016

	Overarching questions for each sector to respond to in write-up	
	a. Break down how current recommendations are different from 2014 scoping plan and why	
	b. Clearly identify data gaps in analysis (i.e. RPS considerations)	
	c. Identify clear metrics for each recommendation; data should start to be collected now, with first check-in in 2020 and every two years thereafter	
	d. What are the consequences/conflicts of requirements on the ground (e.g., cheap gas can lead to excess emissions)?	

EJAC Initial Recommendation

	Overarching Issues, Economic Analysis, Short-Lived Climate Pollutant Reduction Strategy	Flagged by
	a. We need public engagement and a culture shift in California. Not for sprawl with equity at center; equity overlay.	Mari Rose
	b. More aggressive emissions reduction plan and target Oil and Gas sector to reduce emissions.	
	c. Interconnectivity between the California/Baja California border regions.	Martha
	d. Consider real-time monitoring, citizen science, and SEPs.	
	e. Carbon Capture and Sequestration – totally eliminated for reducing GHGs (SJV concerns). Comment: This should be moved to the Energy section. No carbon capture sequestering should be considered. Carbon sequestration by trees is not included in this recommendation	
	f. Geographic equity should be a part of the process, need air quality monitors where people are breathing, need meeting in Huron (west side), and rural areas need special attention. Comment: This regards the density of population that undermines smaller communities.	
	g. Equity must always be a primary consideration when examining issues in any sector.	
	h. Environmental Justice activities should refocus on neighborhood-level solutions and draw on community input, rather than just taking a top-down approach. [overlap with Overarching Issues: a]	
	i. Coordinate meetings between the interagency working groups (IWG) and EJAC, to encourage information sharing and mutual cooperation between the groups.	
	j. A communications plan should be developed to educate and engage communities on how pollution affect them. [overlap with Natural and Working Lands: a]	

Drafted by EJAC at April 4, 2016 and May 24-25 Meetings, revised June 6, 2016

	Overarching Issues, Economic Analysis, Short-Lived Climate Pollutant Reduction Strategy	**Flagged by**
	k. ARB should ensure that a sufficient number and distribution of air quality monitors are placed in disadvantaged regions, to account for air quality differences in the region. [overlap with Overarching Issues: d and f, and Industry: i]	
	l. Identify what tools are being used to gather emissions data on both sides of the rural California/Mexico border, and how California's approaches interact with the Mexican framework of rules and regulations. [overlap with Overarching Issues: c]	
	Economic Analysis	
	a. Add Manuel Pastor, Jim Sadd, or Jonathan London to Scoping Plan Economic Reviewers.	Various geographies
	b. The Scoping Plan Economic Analysis should consider carbon tax, straight up regulation, and Cap-and-Dividend or Fee and Dividend.	
	c. Expand definition of economy to include costs to public (e.g., U.S. EPA social cost calculator).	Rey add health
	d. Maximize job & economic benefits, want to see section in Scoping Plan around jobs and economic benefits, target environmental justice communities.	
	Short-Lived Climate Pollutant Reduction Strategy	
	a. The EJAC hereby makes a recommendation to CARB to mandate a 40% methane reduction from dairies and CAFOs by the year 2030 and require community consultation and approval of the implementation plan for the 40% methane mandate; all additional ancillary emissions generated through achieving this goal must be mitigated.	
	b. The Strategy should explicitly state no disposal of food waste to landfills or incinerators; and explore synergies with methane reductions from diaries and the management of organic waste, such as wood waste.	

New Recommendations:

- There should be public education strategy emphasizing GHG reduction and Air pollution benefits associated with consuming less dairy and meat products.
- There should be public education strategy emphasizing GHG reduction and Air pollution benefits of urban forestry

Drafted by EJAC at April 4, 2016 and May 24-25 Meetings, revised June 6, 2016

	Transportation	Flagged by
	a. SCSs be based on land use & transportation changes, further increased enforcement how implementation matches the plan, strengthen transit planning components of SCSs, prioritize investments in disadvantaged communities. Include transit costs and planning in the SCS process.	
	b. Expand transit services to provide neighborhood level access, use different vehicle sizes and types to ensure economies scale & ensure sustainability; ensure accessibility to disadvantaged communities.	
	c. Community needs mobility assessments that inform equitable investments, regulations, & implementation strategies. Increase access to clean mobility technologies. Just transition for communities, individuals, and small businesses reliant on fossil fuel based transportation. Research: infuse environmental justice considerations into pre-policy research.	Gisele
	d. Define infrastructure; not just highways & freeways (new fueling stations, roads); support new vehicle types, reach neighborhoods and small communities. New technologies: CNG, electric. Improve existing transit resources such as bus stops (e.g., covered bus stops). Need inventory assessment – COGs have this inventory; interagency communication.	
	e. Battery refueling stations within corridor of freight operations, community participation, ground truth.	
	f. Financially support transit operations and restoration of transit service and routes and expansion of services where lacking in disadvantaged communities.	
	g. There should be a holistic approach for transit options to rectify disadvantaged communities' history of inequities, also shared mobility.	
	h. Look at mobility regionally as there are different challenges in distinct areas of California.	
	i. An increase from the current 10% to 30% by 2030 for LCFS should be put in place.	
	j. Methane isn't a necessary byproduct of dairies and the Life Cycle Analysis shouldn't have assumed that it is was. It's that mistaken assumption that allows the methane emissions credit to be awarded. Instead, the (unnecessary) methane emissions should be accounted for as an emissions debit against the fuel.	
	k. Include metrics around displacement and gentrification.	
	l. Target truck fleets and vehicle fleets to achieve the quickest, most significant reductions in emissions.	
	m. Reduce vehicle miles traveled (VMT) while increasing alternative transportation options and accessibility.	
	n. Design and implement new incentives beyond tax credits to encourage infield development over sprawl. Consider code and permitting changes to streamline planning. Help pay for infrastructure improvements, and mandate that activities target the most pressing needs.	Rey

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	Transportation	Flagged by
	o. Promote and support clean and renewable energy sources to power vehicles, and coordinate those activities with energy and transportation agencies to help ensure their success.	
	p. Study the emissions reduction benefits from increasing gasoline prices.	
	q. Conduct equity analyses when evaluating and implementing transportation options, to prevent adverse secondary effects in disadvantaged communities (e.g., the Los Angeles FasTrak program, which resulted in more vehicles on artery streets, creating even worse air quality problem for those communities).	
	r. Conduct equity analyses in transportation projects to ensure that investments go to the highest area of need. Track where projects are implemented.	
	s. Metropolitan Planning Organizations (MPOs) should only approve transportation projects that are compliant with the Sustainable Communities Strategy (SCS).	
	t. Measure emissions reductions by per capita VMT.	
	u. Identify the state policy direction for transit costs and routes. (Increased fares in Sacramento to more than $6 day, and eliminated bus routes.)	
	v. Conduct and provide funding for a program that enables a large percentage of people in disadvantaged communities to drive electric vehicles and install charging infrastructure.	
	w. Pilot the placement of EVs in seven or eight low-income communities across California. Ensure a proper diversity of density and urban versus rural areas, and choose areas with aging infrastructure. Proving success in these pilots will demonstrate how it could work elsewhere.	

EJAC Initial Recommendation Drafted at April 4, 2016 and May 24-25 meetings, revised June 6, 2016

	Energy, Green Buildings, Water	Flagged by
	a. Include considerations for electrical upgrades that need to happen to support electric vehicles or other energy improvements. Conduct community-level assessment of needs for additional infrastructure improvements.	Clarify
	b. Electric vehicle charging capacity – CAISO conduct assessment at local level, not just Statewide.	Who has authority to do this
	c. Develop aggressive Renewable energy targets, bring back 2014 EJAC Energy Recommendations.	Combine with N

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	Energy, Green Buildings, Water	Flagged by
	d. Create micro-grids, self-sufficient for electricity. Pilot 10-100 in environmental justice communities.	Needs better articulated
	e. Don't dilute California's progress in electricity emissions reductions.	
	f. Do a pilot project with substandard low-income housing, how retrofit, if HUD has funding …, if weatherization funding, how that gets done.	
	g. Include community driven power that promotes jobs.	
	h. Make pumping of water in California 100% renewable by 2030.	
	i. Remove special considerations for investor-owned utilities, require them to develop power that is the most efficient.	
	j. Desert native tree forestation, tree canopy. Caution use of water as energy source, such as geothermal, are there benefits going back into community?	
	k. Solar not on rooftops in desert communities, why?	
	l. Need low-cost stacking, weatherization technologies, solar.	
	m. Avenal doesn't qualify for electric vehicles, Huron does. Low-income community bracket, need to approach holistically (multiple factors).	
	n. Incorporate EJAC recommendations from 2014.	Combine with c
	o. Do not give full credit for out-of-state renewables if that state then needs to use fossil fuel to generate the same amount of electricity for itself.	
	p. Encourage a transition from natural gas-based appliances and technologies to all electric.	
	q. Support tree planting and green infrastructure to reduce the energy needed for cooling. [overlap with Energy: k, and Natural and Working Lands: a, b, g]	
	r. Approach energy reductions (building retrofits, weatherization, etc.) in a way that addresses the entire disadvantaged community, rather than addressing individual buildings. GHG reduction funds should address the whole disadvantaged community, and the disadvantaged community itself should qualify for funding, rather than having each residence having to qualify individually. SB 535 investments in these communities could address energy efficiency, solar, and microgrids. [potential overlap with California Climate Investments b and i]	
	s. Develop an innovative pilot program to consolidate programs to create a one-stop shop for energy efficiency. Support efforts among state agencies and others to coordinate renovation and weatherization programs so efforts can focus on the whole house, rather than on one aspect at a time, and so multiple program offerings can be more easily accessed.	

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	Energy, Green Buildings, Water	Flagged by
	t. Identify and implement metrics to track savings from energy efficiency efforts, to quantify energy reductions. Standardize the metrics and conduct post-project assessments to ensure accountability. [overlap with Overarching questions: c]	
	u. Survey local activities to identify which strategies are working and which are not. Use Environmental Justice communities as a resource.	
	v. Increase the current California renewables target to 100% renewables, to reach emissions reduction targets sooner.	
	w. Set a target of zero net energy (ZNE) for all new construction by 2020.	
	x. Set a goal of no natural gas or biogas in new buildings.	
	Energy, Green Buildings, Water	
	y. Support the development of standards for "living buildings" (regenerative buildings that more closely follow natural ecosystems, with features such as solar, water capture, efficient and affordable transportation options, etc.) to encourage development of such buildings.	
	z. Broaden the definition of a "green building" to include retrofits of existing buildings in disadvantaged communities.	
	aa. Identify the current state of green building technologies, and set goals for green buildings in California.	
	ab. Identify the percentage of GHG emissions that are coming from existing buildings in the state, and estimate the portion of emissions expected for the future, to identify the level of improvement expected.	
	ac. Provide direction to industry on best practices for rapidly moving toward widespread design and construction of green buildings, and incentivize developers to adopt the standards and implement them. Ensure that building or retrofit costs are not passed along to low- and moderate-income tenants by providing tax incentives, or adopt policies that prevent having those costs passed on to them.	
	ad. Consider providing state tax credits for solar for farms if federal credits for this are discontinued. [overlap with Energy…Water: i]	
	ae. California needs to build solar panels to pump water for the State Water Project (SWP), using the extensive right-of-way that exists along those canals. [overlap with Energy…Water: i]	
	af. The SWP pumps at Tracy are the single largest energy user in the state. Identify the energy use that would be associated with the proposed California Water Fix and Eco Restore project (formerly, the Bay Delta Conservation Plan).	

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	Industry
	a. California shouldn't commit to continuing Cap-and-Trade through the Clean Power Plan.
	b. Do not include REDD in Scoping Plan.
	c. Complete adaptive management analysis for Kern County, keep offsets in California, don't pursue REDD offsets.
	d. Trades cannot be verified, Clean Power Plan should ensure power purchases are from sustainable, renewable power plants.
	e. One more EJAC member on Adaptive Management Work Group, benefits in California first (no REDD program).
	f. Make sure we are measuring and creating caps to emissions based on sectors and facilities. Design fixes to Cap-and-Trade, increase floor price to real price of carbon, highest price offered not lowest, make sure offsets are limited or eliminated. Energy loading order (renewables first, etc.) could be same for Cap-and-Trade (disadvantaged communities, California, etc.). Consultation with tribes and affected communities. 50% reduction in Oil and Gas sector.
	g. Offsets need to happen where emissions occur.
	h. ARB and other state agencies (including PUC, CEC, OEHHA, DTSC, and CalRecycle) should undertake a process to examine the growing evidence that biomass and biogenic carbon have real and significant climate impacts, examine long distance transport contribution to overall GHG impacts of burning biomass material, and examine assumptions health and environmental impacts from burning various materials considered to be biomass, including impacts of biomass ash. This is of growing importance as new EPA regulations allow for the increased burning of waste and biomass at industrial facilities (i.e. industrial boilers, cement kilns), and as material deemed to be biomass are exempt from compliance obligations under Cap-and-Trade.
	i. Need more real time monitoring.
	j. Include an emissions profile analysis for both command-and-control and Cap-and-Trade options for the scoping plan, for comparison.
	k. Address methane emissions from extraction and production of natural gas. (This is already covered in SB 1371).
	l. Through standardized metrics, ensure that emission reductions from AB 32 activities are happening, especially in Environmental Justice communities.
	m. Conduct comprehensive analysis of costs to not just the industries participating in Cap-and-Trade, but also to the rest of California's citizens, who pay in other ways for the effects of pollution. Conduct activities that minimize cost and maximize reductions.
	n. Instead of just using a sector-wide standard for emissions reductions, examine methods that could be used to reduce pollution from individual high-polluting entities.
	o. Expand the definition of "health impact" to include health consequences other than cancer when looking at health effects of industrial emissions.

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	Natural and Working Lands, Agriculture, Waste
	a. Integrate urban forestry, work with local communities, 20-30% reduction.
	b. Increase tree canopy.
	c. Define what food rescue means, in terms of waste mgmt., geothermal waste needs to be managed.
	d. Establish more refined metrics to determine benefits in trees.
	e. Protect greenspace.
	f. Need better coordination between ARB, CalRecycle, and DTSC.
	g. Increase urban canopy goals.
	h. Compost manure with biomass (wood chips). Co-benefits are methane and N2O reductions, reduced synthetic fertilizer imports, reduced water use.
	i. Increase urban garden goals and composting.
	j. Funding and permitting of increased compost operations, particularly in Southern California.
	k. Market development for application of compost for environmental health protection of carbon sequestration.
	l. Biogas converted to biomethane. Mandate vehicles servicing digesters and converters utilize that gas as a primary fuel source.
	m. Build biomass, not burn biomass (i.e., use compost to increase plant matter growth in grasslands, etc., instead of burning biomass and putting more carbon dioxide into air immediately.
	n. Repeat 2014 EJAC Waste Recommendation 2.(f): ARB and other State agencies…
	o. Investigate growing evidence of carbon sequestration benefits from applying compost to grasslands (Marin Carbon Project, UC Berkeley Dept. of Environmental Science Researchers).
	p. Add urban tree and greenspace maintenance, not just planting/creation.
	q. Add forest management for wild fire protection, require tribal consultation.
	r. Include urban agriculture.
	s. Disincentivize/discourage .locating biomass/digesters in disadvantaged communities (close proximity to housing).
	t. Protect greenspace by better enforcement of SB375/SCSs.
	u. Ban agriculture burning.
	v. Develop and implement metrics to quantify the GHG benefits of managing natural and working lands. Achieve consensus on how to measure GHG emissions reductions from activities in natural systems.
	w. Revise the goal of increasing tree canopy by 5% by 2030 to 10%, and conduct research to identify methods of achieving that increase given drought conditions. [overlap with Energy: k, and Natural and Working Lands: b and g]
	x. Quantify potential jobs created from regenerating forests and jobs for maintenance of green spaces, and increase funding to support those activities. [overlap with Overarching Issues, Economic Analysis: d]
	y. Create green spaces within DACs, rather than outside those communities.

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	Natural and Working Lands, Agriculture, Waste
	z. Do not turn agricultural lands into solar and wind projects. They often produce mostly only a few, short-term jobs, the electricity goes to large population centers, and farmworkers are displaced, resulting a net job loss.
	aa. Expand the definition of "urban forestry" to include "rural desert urban forestry," so those areas can qualify for funds to support tree planting. [overlap with Energy: k]
	ab. Support training, education, and incentives for planners to design and develop infill building projects rather than sprawling developments. Provide incentives such as guarantees for a more rapid planning and approval process for infill projects.
	Natural and Working Lands, Agriculture, Waste
	ac. Support life cycle analyses of sprawling developments to determine long-term economic and societal costs versus infill projects, to identify actual costs.
	ad. Identify, develop, and implement policy tools to prevent the current trend of gentrification in California pushing lower-income residents and people of color inland.
	ae. Do not provide GHG reduction funds for improvement projects that will displace current residents.
	af. Do not use gasification and biofuels as qualifying renewable options, since those technologies have other pollution issues associated with them.
	ag. Do not invest in gasification.
	ah. Communities should take full ownership of their waste so that it is not exported to disadvantaged communities. View it as a resource, including recycling and clean-up of landfills, look at both new and existing generation.
	ai. Set composting as the primary goal for incentivizing waste diversion. Promote composting by providing education and assistance to implement composting in all communities. Support the expansion of infrastructure for composting, and map out the mechanisms for composting in each community. Incentivize neighborhoods to compost food waste, from schools and at the community level. Establish communications plans that show Californians how to compost and that motivate people. Ban agriculture burning. [overlap with Natural and Working Lands: h, j, k, m, and o]
	aj. Determine if the supporting infrastructure is in place before making decisions on how to manage woody or organic waste.
	ak. Do not incinerate biomass; instead, identify and support methods for returning it to the soil. [overlap with Natural and Working Lands: m]
	al. Do not count incineration of any material as a renewable energy source.
	am. No credits should be given for GHG avoidance from landfill or for biodigesters.
	an. Provide a baseline credit for applying carbon back to soils.
	ao. Divert dairy waste before it can convert to methane. [overlap with Overarching Issues, Short-Lived Climate Pollutant Reduction Strategy: a, and Transportation: j]
	ap. Identify waste management technologies which have been found to be problematic.
	aq. Identify the metrics being used to quantify GHG reductions for this sector. Discuss and agree upon these metrics with the interagency working group.
	ar. Research and identify alternatives for dumping biosolids (sewage sludge) in disadvantaged communities. Pilot a program to explore and demonstrate better options.

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	Natural and Working Lands, Agriculture, Waste
	as. Identify effective methods for implementing food rescue programs; especially strategies for getting food to those who need it. Incentivize these programs. Promote communication plans for projects, so all communities have access to successful plans. [overlap w/ Natural & Working Lands: c]
	at. Green Energy Build Out. Avoid turning Agricultural Lands turned into Large Scale Solar and Wind Energy. Desert habitat scraped for large scale solar yields no local benefits. Eradicate Coccidial Micosis (Valley Fever) trough avoiding large scale land disturbance. Define Urban Forestry & Desert Urban Forestry. Include Desert rural-urban desert forestry (energy savings/health benefits/environmental benefits). Shade to promote outdoor activities, improve quality of life during hot climate hours. Jobs, farmworkers vs energy workers short term jobs, cost benefit. No local benefits for EJ from Large Scale Solar (cost benefit). Salton Sea Habitat Major source of hazardous Emissions 100 mile radius.
	au. Take full ownership of waste, viewing it as a resource –prioritizing clean up and recycling of abandoned and illegal landfills, hazardous waste in tribal lands, i.e. petroleum, chemicals). Prioritize investment in technologies that clean up existing illegal and impaired landfills to use as fuel for clean energy, recycling and diversion.

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	California Climate Investments
	a. GGRF projects should be transformative for disadvantaged communities.
	b. Need regional investment equity, look at plans/developments in disadvantaged communities to get type of models funded and developed (separate from the grid).
	c. Emphasize technology forcing regulations, understand pipeline of technology to identify near-term wins to create markets for technologies further out.
	d. Outreach, accountability, & helping agencies prioritize, informing guidelines & investment plan.
	e. Continuous involvement, additional GHG reductions, prioritize disadvantaged communities when GHG emissions increase despite implementation of AB32 programs.
	f. EJAC play key role in oversight and accountability.
	g. Play stronger advisory role, review investments plan, assist in outreach, engage local networks (ground-truth), develop guidance, defining what transformative means, assist with setting priorities.
	h. Bring projects to communities that are able and should receive funding, define community benefits.
	i. Geographic equity – formula for funding; geographic – density – equity.
	j. Increase accountability of local government with regard to reductions claimed for their GGRF funded activities.
	k. The GGRF program should provide information at EJAC meetings.
	California Climate Investments
	l. Spend Greenhouse Gas Reduction Funds (GGRFs) to incentivize local economic development so people do not have to travel far for employment. [overlap with California Climate Investments: a & j]