

CAP 2.0 ADVISORY COMMITTEE (CAC) REVIEW OF DRAFT CLIMATE ACTION PLAYBOOK

March 20, 2019

Summary of Feedback from Dot Voting Exercise

Strategy 1: Promoting Clean Electricity			
Play 1.1: Promote 100% clean electricity			
Next Moves		No. of Red Dots	No. of Green Dots
1.A	Continue to support and steer Silicon Valley Clean Energy (SVCE) in providing clean power and decarbonization programs.	0	1
1.B	Collaborate with SVCE to target direct access customers to shift to 100% clean electricity.	0	4
Play 1.2: Increase distributed solar photovoltaics and storage			
Next Moves		No. of Red Dots	No. of Green Dots
1.C	Collaborate with SVCE to evaluate opportunities for energy storage and to maximize utilization of local solar supply.	0	1

Comments from Post-Its:

- In the language for 1.B, don't be afraid to use "sticks" to get those last, very large energy users signed up for SVCE. Not everything needs to be an incentive
- Strategy 1: important to help protect the CCA model but since this is basically done maybe put less focus
- Pay a lot of attention to local power distribution redundancy needs to be addressed if everyone loses electricity then what?

Strategy 2: Decarbonizing Buildings

Play 2.1: Reduce energy consumption in existing buildings

Next Moves		No. of Red Dots	No. of Green Dots
2.A	Research energy disclosure and energy benchmarking requirements for commercial and multi-family residential buildings to encourage property owners and managers to invest in energy efficiency upgrades and building information systems.	0	1
2.B	Advocate to regional providers of energy efficiency programs (such as Bay Area Regional Energy Network or BayREN, Silicon Valley Energy Watch or SVEW) that their offerings are more aggressively promoted to Sunnyvale residents and businesses.	0	0

Play 2.2: Support electrification of existing buildings

Next Moves		No. of Red Dots	No. of Green Dots
2.C	Develop a program to accelerate the adoption of heat pump water heaters and space heaters.	0	4
2.D	Electrify municipal buildings upon rebuild or significant remodel, including the Civic Center.	0	3

Play 2.3: Zero Net Energy and all-electric new construction

Next Moves		No. of Red Dots	No. of Green Dots
2.E	Evaluate code and permitting processes to streamline building electrification.	0	4
2.F	Investigate the potential for implementing a differential Utility Use Tax that is at least revenue neutral, such that local taxes on electricity are lower than on natural gas, to incentivize electrification.	0	6
2.G	Continue to incentivize energy efficient and high performance buildings through the Green Building Program updates.	0	1
2.H	Research a mandatory solar roof ordinance for new commercial developments.	3	1

Comments from Post-Its:

- Start 2.E sooner
- Call is “fossil gas”
- Please call out “natural gas” in 2.A and 2.B
- I don’t think much research needs to be done on benchmarking requirements. I think these already exist – just need application and enforcement
- 2.D remove the sentence starting “transitioning towards...” this language disincentives energy efficiency measures, even if it’s correct
- 2.F leave electric rates as-is + raise gas tax so that program increases revenue. Use additional revenue to fund decarbonization initiatives
- 2.C incentives?
- 2.F do sooner to get to action sooner
- “carbon neutral” vs “ZNE”
- 2.H too prescriptive solar roof may be less important for commercial than 1.B shifting to GHG free grid electricity
- 2.C call out food industry as important group to target and get to transition to electricity
- I don’t see a strong address to commercial gas use here, maybe it’s intended but I don’t see it
- I ran out of No. of Green Dots but the benchmarking is vital

Strategy 3: Decarbonizing Transportation & Sustainable Land Use		
Play 3.1: Balance land use supply and enhance urban form		
Next Moves		No. of Red Dots
		No. of Green Dots
3.A	Plan for additional housing, with the goal of diverse housing, to reduce long-distance commutes.	1
3.B	Identify areas that are most appropriate for parking strategies that discourage vehicle use, such as pricing, time limits and supply reductions.	5
		6
Play 3.2: Increase transportation options and support shared mobility		
Next Moves		No. of Red Dots
		No. of Green Dots
3.C	Enhance City Transportation Demand Management (TDM) program implementation and monitoring to facilitate further reductions in single-occupant automobile trips, citywide.	0
3.D	Advocate that regional service providers implement high quality transit service and a robust set of first- and last-mile strategies in over two-thirds of the cross-city corridors.	1
3.E	Update and implement the Integrated Bicycle, Pedestrian and Safe Routes to School Plan to achieve a connected, safe and active network.	4
3.F	Pilot and evaluate shared bicycle and scooter programs.	3
3.G	Pilot shuttle service in Peery Park and consider options for expansion of a similar service in other areas undergoing redevelopment.	0
3.H	Develop design standards for streets and parking lots to accommodate increased pick-up and drop-off for rideshare passengers and apply as appropriate.	0
3.I	Monitor autonomous vehicle testing and deployment to inform proactive policy	0
		1
		1
		2
		1
		0
Play 3.3: Increase zero-emission vehicles		
Next Moves		No. of Red Dots
		No. of Green Dots
3.J	Develop a Community Electric Vehicle Readiness and Infrastructure Plan.	0
3.K	Promote and seek incentives for community adoption of electric vehicles.	4
3.L	Electrify Municipal Fleet as vehicles are replaced and continue to seek incentives for electric vehicles and charging infrastructure.	4
		2

Comments from Post-Its:

- 3. B should say “identify and recommend to council” not good to just identify
- 3.A/B these are not measurable enough if we’re trying to emphasize the sustainable land use part of this strategy and create “complete communities”
- 3.H how confident are we that road share pickups are significantly disruptive? Many pickups/drop-offs probably take place at offices, Caltrans, or homes away from busiest streets
- Curb spaces will become the more valuable road space. Adopting a pro-active policy as soon as possible
- City staff need to lead by example with aggressive mode shift goals go transit to bike
- VMT reduction goal conflicts with LUTE targets
- 3.K should be like 2.C with SVCE as lead and have city support + add only what city can do to add value
- 3.B/E/F there moved need to be looked at as part of a target to map the whole city with routes and connection for all modes and how they can interact. Layers of one map

Strategy 4: Managing Resources Sustainably		
Play 4.1: Achieve Zero Waste goals		
Next Moves		No. of Red Dots
		No. of Green Dots
4.A	Implement and expand food scraps diversion programs to include additional businesses and multi-family residents.	0
4.B	Consider solid waste collection and processing improvements to increase waste diversion away from landfills as a part of service provider and facility transition planning.	0
4.C	Implement campaigns for waste prevention.	1
Play 4.2: Ensure resilience of water supply		
Next Moves		No. of Red Dots
		No. of Green Dots
4.D	Promote and seek incentives for making water conservation a way of life and set a water reduction target consistent with new statewide requirements.	0
4.E	Partner with Valley Water to evaluate opportunities to expand water reuse.	2
Play 4.3: Enhance natural carbon sequestration capacity		
Next Moves		No. of Red Dots
		No. of Green Dots
4.F	Implement the City's Urban Forest Management Plan and continue to protect and expand tree canopy.	1
4.G	Implement the City's Green Stormwater Infrastructure Plan.	0
Play 4.4: Shift to low carbon food		
Next Moves		No. of Red Dots
		No. of Green Dots
4.H	Promote consumer awareness of low carbon foods.	0
4.I	Work with large businesses to identify best practices for implementing local food gardens.	3
		1

Comments from Post-Its:

- 4.D needs target
- 4..2: I see re-use mentioned, but what about rainwater capture?
- Would like to see something about aviation GHG emissions – do we have a way to estimate + report air travel by SVL resident?
- Add education & awareness of ways to reduce consumption, air travel, purchasing, re-using, repairing and combine with community engagement
- 4.F concerns is that this is not a broad or deep enough plan on carbon sequestration. Need to include gardens, other soil management techniques.
- 4. E promote nonpotable reuse and implementation of SB966 sooner
- 4.I good idea, but there are health code concerns the City should help us work with
- Educate people on possible potable water uses from recycled water
- 4.I provide community benefits to develop who provide community gardens
- 4.I gardens promote community. Include schools and senior housing
- 4.I focus on schools more than employers

Strategy 5: Empowering Our Community

Play 5.1: Enhance community awareness and engagement

Next Moves		No. of Red Dots	No. of Green Dots
5.A	Pilot a targeted grassroots community engagement strategy (e.g., Cool Blocks Program) to create stronger connections between neighbors to advance climate action and emergency preparedness.	0	2
5.B	Evaluate opportunities for the City to provide online resources and tools for community and small business climate action (e.g., resource center for retrofit electrification, online tool or app to track individual carbon emissions).	0	1
5.C	Create a stronger social media and web presence for Sunnyvale climate action.	0	0
5.D	Implement the Sustainability Speaker Series.	0	0
5.E	Evaluate and pilot a program for youth engagement on climate, building on current engagement with school classrooms and green teams.	0	1
5.F	Build relationships with largest employers to collaborate on climate action, such as: (a) engaging employees to participate in sustainability initiatives; (b) encouraging and facilitating investment in climate action programs or projects.	1	0

Play 5.2: Track and share data and tools

Next Moves		No. of Red Dots	No. of Green Dots
5.G	Implement improvements for climate action data performance tracking and reporting progress to the public (e.g., community dashboard).	0	0
5.H	Publish annual greenhouse gas (GHG) inventory.	0	3

Comments from Post-Its:

- 5.A community climate solutions may be more scale-able and impactful than Cool Block. How about both?
- Consider what is most efficient (time wise) & ability to implement
- Use contests and awards for more programs
- 5.F isn't this something that already occurs led by the businesses? Just hook up
- Leverage sustainability series success – more publicity, etc.
- Send updates on GHG progress in City newsletter. It's the only way to reach every resident (make this a move)
- 5.D should show community savings from learning more

Strategy 6: Adapting to a Changing Climate			
Play 6.1: Assess climate vulnerabilities for Sunnyvale			
Next Moves		No. of Red Dots	No. of Green Dots
6.A	Review and summarize assessment products developed by the County's Silicon Valley 2.0 project and by the State.	0	0
6.B	Participate in regional forums on climate vulnerability and adaptation.	0	1
Play 6.2: Protect shoreline area from sea level rise and coastal flooding			
Next Moves		No. of Red Dots	No. of Green Dots
6.C	Collaborate with Valley Water to advance a shoreline protection project with the US Army Corps of Engineers or other partners.	0	1
6.D	Identify shoreline protection solutions as part of Moffett Park Specific Plan update.	0	2
Play 6.3: Strengthen community resiliency			
Next Moves		No. of Red Dots	No. of Green Dots
6.E	Update existing emergency preparedness and response plans to address climate-related impacts such as heat events, air quality issues and flooding.	0	1
6.F	Develop a community resiliency plan.	0	0

Comments from Post-Its:

- Somewhat concerned who we partner with in planning/building solutions – don't like Army Corps of Engineers
- Do a more focused community education process in those areas that are identified in 2.0 project