



# City of Sunnyvale

## Meeting Minutes - Final

### Climate Action Plan 2.0 Advisory Committee

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Thursday, December 7, 2017

6:30 PM

West Conference Room, City Hall, 456 W.  
Olive Ave, Sunnyvale, CA 94086

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#### **CALL TO ORDER**

Chair Wickham called the meeting to order at 6:30 p.m.

#### **ROLL CALL**

**Present:** 9 - Member Anne Ashini Fernando  
Member John Cordes  
Member Marie Curtis  
Member Sue Harrison  
Member Padmavathy Mahadevan  
Member Sue Serrone  
Member James Tuleya  
Member Drew Wenzel  
Member Kristel Wickham

**Absent:** 2 - Member Mandy Abend  
Member Stephen Joesten

CAC alternate members Andrew Ma, Jasneet Sharma, and Douglas Kunz – Present

Doug Kunz arrived at 7:22 p.m.

#### **CONSENT CALENDAR**

- 1      [17-1155](#)      Approve the Climate Action Plan 2.0 Advisory Committee Meeting Minutes of November 2, 2017

John Cordes, CAC member, moved, and James Tuleya, Vice Chair, seconded a motion to approve the minutes of the November 2, 2017 meeting. The motion carried by the following vote:

**Yes:** 9 - Member Ashini Fernando  
Member Cordes  
Member Curtis  
Member Harrison  
Member Mahadevan  
Member Serrone  
Member Tuleya  
Member Wenzel  
Member Wickham

**No:** 0

**Absent:** 2 - Member Abend  
Member Joesten

### **PUBLIC COMMENT**

None.

### **GENERAL BUSINESS**

#### **2      [17-1156](#)      Introductions**

Chair Wickham introduced the consultant team, comprising of DNV-GL, Open IDEO, and Acterra.

CAC members and alternate members introduced themselves and stated why they were excited about CAP 2.0.

#### **3      [17-1157](#)      CAP 2.0 Technical and Community Engagement Consultant Project Update**

Sarah Moe, Project Manager at DNV-GL, provided an overview of the CAP 2.0 project background, consultant team, work plan, timeline, and community engagement strategy.

#### **4      [17-1158](#)      Review of Sunnyvale Greenhouse Gas (GHG) Emissions, Preliminary Business as Usual Forecast, and Regional GHG Emissions Comparison**

Ben Butterworth, Technical Lead with DNV-GL, provided an overview of the City's historic and forecasted greenhouse gas (GHG) emissions under three scenarios: business-as-usual, adjusted business-as-usual (accounting for the effect of State regulations), and achievement of State emissions targets.

CAC members asked other questions of the consultant.

Vice Chair Tuleya noted that the curve representing the achievement of State emissions targets should be a decay curve rather than a hyperbola. This would mean that a greater rate of GHG reductions is needed initially followed by a slower rate. He reasoned that this would mean that the City would need to frontload its efforts to address emissions more aggressively at first, which would make it easier on the City to address its emissions in latter years with relatively lower effort. Ben Butterworth confirmed that the compounded growth rate could be applied in a way that reflects the Vice Chair's suggestion and will provide a revised graph reflecting this change.

Chair Wickham raised the question as to whether Sunnyvale should consider conducting a consumption-based inventory, which, as demonstrated by DNV-GL's presentation, could be a more meaningful way of looking at not only emissions resulting from community activity, but also the impact of emissions from lifestyle choices (e.g., electronic products that have a significant lifecycle manufacturing footprint; food that has a significant resource footprint). Elaine Marshall, Interim Regulatory Programs Division Manager, noted that this could be a useful discussion and that such an approach would have impact on inventories and tracking going forward. She suggested, in an effort to prioritize what was already in the City's work plan for CAP 2.0, that this idea be placed on a "bike rack" (temporary holding place for useful ideas) and be re-visited at the appropriate time later in the CAP 2.0 process.

## **5**      [17-1159](#)      Discussion Around Potential Key Climate Action Focus Areas

Sarah Moe provided examples of key focus areas (i.e., broad areas within which more defined strategies for climate action could be developed) from climate action plans (CAPs) of other cities, including Santa Monica, San Francisco, and Portland. She described that as a first step, staff and consultants would be identifying these key focus areas and then determining specific strategies within them to meet or exceed the two state targets of: 40 percent reduction below 1990 levels by 2030 and an 80 percent reduction below 1990 levels by 2050.

CAC members were divided into three groups with four members each. Each group brainstormed ideas for 3-5 potential key focus areas and then ranked them in priority order. Groups then reported their priority ranking.

Ms. Moe consolidated reports from all groups and summarized seven key focus areas as follows: (1) Clean Electricity; (2) Efficient Land Use; (3) Decarbonizing Transportation; (4) Decarbonizing Buildings; (5) Consumption Patterns and Waste Reduction; (6) Water and Wastewater; (7) Information, Coordination and Community Engagement.

Some CAC members noted that while this exercise was useful, it may be more meaningful for members to be better informed about key focus areas from leading edge CAPs first.

Vice Chair Tuleya suggested that CAC members review CAPs of leading cities and identify their individual priorities under each of the seven key focus areas. Members should share their prioritization findings with Nupur Hiremath, Sustainability Coordinator and CAC staff liaison. He recommended holding a January meeting (date TBD) to review the consolidated priorities. Chair Wickham approved of a January meeting. Ms. Hiremath will share the requisite documents needed for members to conduct their work and consolidate individual member input ahead of the January meeting.

### **ADJOURNMENT**

Chair Wickham adjourned the meeting at 8:35 p.m.