Objectives for tonight

1. Review S/CAP Update progress report and S/CAP Ad Hoc Committee’s work to date
2. Discuss the S/CAP Three-Year Work Plan that incorporates the Council directives from April 2021 (Attachment A)
3. Provide direction on next steps for S/CAP Implementation
California’s Goal: 80% BELOW 1990 LEVEL BY 2050
Palo Alto’s Goal: 80% BELOW 1990 LEVEL BY 2030

• 2021 Council Priority: Climate Change - Protection and Adaptation

• Launched S/CAP Update in early 2020, with community input on first two drafts of the S/CAP Goals and Key Actions
MOTION: Vice Mayor Burt moved, seconded by Mayor DuBois to:

A. Direct the Mayor to appoint two or more Council Members to engage with a community stakeholder group of domain experts and community activists;

B. Support the policy framework in Attachment A and ask Staff to further develop and return to Council as needed with the following changes:
   • i. A plan for an earlier adoption of commercial electrification retrofits;
   • ii. Evaluation of the sale of gasoline within the city limits as a key metric;
   • iii. Evaluation of a best practice standard for low carbon construction materials;
   • iv. A proposal for a Palo Alto Green equivalent voluntary surcharge program to help fund electrification initiatives;
   • v. An evaluation of public health and public safety risk and benefits from climate protection;
   • vi. Move forward with an on-bill financing program for residential building electrification;
   • vii. Evaluate a supplemental carbon neutrality goal;
   • viii. Return with recommended electric utility capital and personnel investments required to enhance reliability and staffing resources necessary for the Climate Action Plan;
   • ix. Evaluate income qualified incentives to support low-income households;
   • x. Evaluate land use, zoning, and development changes that would reduce greenhouse gas emissions; and
   • xi. Integrate urban forestry into the S/CAP policy framework.
S/CAP Ad Hoc Committee

• S/CAP Ad Hoc Committee directed by Council in April 2021
• Members: Vice Mayor Pat Burt, Councilmember Alison Cormack
  – Alternate: Mayor Tom DuBois
• Purpose: To engage with a stakeholder group of domain experts and community activists, and to guide the development, implementation, and communication of the S/CAP
• 2nd Thursday of the month via Zoom, from 9:00 – 11:30 am
## S/CAP Ad Hoc Committee Meeting Schedule

<table>
<thead>
<tr>
<th>Month</th>
<th>Topics</th>
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<tbody>
<tr>
<td>August 12, 2021</td>
<td>Kick-Off Meeting: Review Proposed topics, Three pillars of Sustainability</td>
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<tr>
<td>September 9</td>
<td><strong>S/CAP:</strong> Overview of S/CAP Goals and Key Actions, 3-Year Work Plan, AECOM Impact Analysis Memo <strong>Buildings:</strong> Residential Building Electrification</td>
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<td>October 14</td>
<td><strong>Buildings:</strong> Non-Residential Building Electrification, Multi-Family Building Electrification, Electrification Assessment of City Facilities, Permitting <strong>Funding and Resources:</strong> Near-term funding and financing options</td>
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<tr>
<td>November 4</td>
<td><strong>Transportation:</strong> Electrifying Vehicle Travel, EV Charging Infrastructure, Municipal Fleet Electrification <strong>Funding and Resources:</strong> Brief History of PaloAltoGreen</td>
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<td>December 9</td>
<td><strong>Transportation:</strong> Mobility Programs, How Land Use Affects Emissions</td>
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<tr>
<td>January 13, 2022</td>
<td><strong>Climate Impacts:</strong> Health Impacts of Wildfires, Wildfire Protection, and Sea Level Rise</td>
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<td>February 10</td>
<td><strong>Funding and Resources:</strong> Long-term funding and financing options <strong>S/CAP:</strong> Finalize S/CAP Report</td>
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<td>March 10</td>
<td><strong>Funding and Resources:</strong> Costs and Resources Needed to Achieve 80 x 30</td>
</tr>
<tr>
<td>April 14</td>
<td><strong>Carbon Reduction / Capture:</strong> Carbon Neutrality, Low-Carbon Construction Materials, New Climate Goal for after 80 x 30</td>
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S/CAP Ad Hoc Committee Working Group

- Diane Bailey, Executive Director, Menlo Spark
- Lincoln Bleavens, Stanford, Executive Director of Sustainability and Energy Management
- Justine Burt, Sustainability Consultant
- Debbie Mytels, 350 Silicon Valley Palo Alto
- Julia Zeitlin, Silicon Valley Sunrise Hub
Staff Efforts Related to Council’s April 2021 Direction

- **Draft Goals and Key Actions** updated to include Council Motion elements
- **Draft S/CAP Three-Year Work Plan** created to address Council Motion elements
  - Two phase approach to S/CAP implementation
    - Phase 1 (2-3 years): Raise awareness, launch voluntary programs
    - Phase 2 (full scale implementation): Funding available for any needed incentives, new business processes and programs established, general awareness of the need to electrify has been established
- **S/CAP Ad Hoc Meetings**: Included Council Motion topics for discussion
- **S/CAP Working Group**: S/CAP Residential Building Electrification Workshop
- **Communications**: Climate Action Blog Series, Sustainability Newsletter, on-line survey, website
Work Areas: 2021 through 2024

- Build consensus among advocates & policy makers
- Engage stakeholders for S/CAP input
- Partner with community to raise awareness & promote services
- Build compelling services and tools & recruit users
- Create an electrification roadmap
S/CAP Adoption and Implementation Timeline

- **Ad Hoc Committee Discussions**
- **Stakeholder Engagement**
- **S/CAP CEQA Analysis and Adoption**
- **Build Community Awareness and Partnerships**
- **Add New Program Features**
- **Increase Program Participation**
- **Additional S/CAP Studies / Long-term Policy Development**
- **Long-term Policy Implementation**

(cityofpaloalto.org/ClimateAction)

*Acting Now for A Resilient Future*
Discussions Needed on Resources Required to meet 80 x 30

- How to fund S/CAP Implementation
- What staffing and resources are needed to meet 80 x 30
- Need to significantly increase scale and speed of reductions
• Created a format that allows members of the public to engage with staff and Councilmembers

• Senior staff believes that our 80 x 30 goal is achievable, although challenging, and they see a path to implementation

• Sense of urgency to address climate change is rising

• Three challenges to work on simultaneously
  1. Building community momentum to switch to electricity
  2. Building reliable and resilient capacity to meet additional electric supply needs
  3. Building a funding strategy for these changes
S/CAP Ad Hoc Committee Recommendation

1. Review the progress report and feedback from the S/CAP Ad Hoc Committee’s work to date

2. Accept the draft S/CAP Three-Year Work Plan that incorporates the Council directives from April 2021 (Attachment A)

3. Direct staff to propose necessary staffing in the Electric Fund and the General Fund during the mid-year budget update, in order to implement the near-term activities in the draft S/CAP Three-Year Work Plan
Thank You!

SUSTAINABILITY & CLIMATE ACTION PLAN

Acting Now for a Resilient Future