



P.O. Box 5006
Fremont, CA 94537-5006

Environmental Sustainability Commission Special Meeting Agenda and Report – January 10, 2019

General Order of Business

1. Call to Order - 4:00 p.m.
2. Roll Call
3. Written and Oral Communications
4. Approval of Minutes/Agenda Review
5. Staff Presentations and Action Items
6. Adjournment

Order of Discussion

Generally, the order of discussion after introduction of an item by the Chair will include comments and information by staff followed by Environmental Sustainability Commission (ESC) questions or inquiries. An authorized representative or interested citizen may then speak on the item. At the close of public discussion, the item will be considered by the ESC and action taken.

Addressing the Environmental Sustainability Commission

Any person may speak on any item under discussion by the ESC after receiving recognition from the Chair. When addressing the ESC, please state your name and address. In order to insure all persons have the opportunity to speak, a time limit may be set by the Chair for each speaker. In the interest of time, please limit your comments to new material; do not repeat what a prior speaker has said.

Oral Communications

Any person desiring to speak on a matter, which is not scheduled on this agenda, may do so under the Oral Communications section. Please be aware provisions of the California Government Code Section 54954.2(b) prohibit the ESC from taking any immediate action on an item, which does not appear on the agenda, unless it meets stringent requirements. The Chair may limit the length of your presentation.

For agenda copies or information about the City or items scheduled on the Agenda and Report refer to: Community Development Department, P.O. Box 5006, Fremont, CA 94537-5006, phone (510) 494-4557.

Environmental Sustainability Commission:**City Staff**

Shreya Ramachandran, Student Commissioner
 Paul Kelley, Business Community
 John Rennels, Development/Construction Industry
 Richard Godfrey, Environmental Organization (Chair)
 Shiva Swaminathan, Public At Large
 Carolyn Obata, Public At Large
 Daniel O'Donnell, Public At Large (Vice Chair)
 Nate Ivy, FUSD Representative

Dan Schoenholz, Community Development
 Director
 Rachel DiFranco, Sustainability Manager,
 Community Development
 Maria Salinas, Community Development
 Services Supervisor
 Margaux Juta, Senior Office Specialist,
 Community Development

**AGENDA
 FREMONT ENVIRONMENTAL SUSTAINABILITY
 COMMISSION (ESC)
 SPECIAL MEETING
 January 10, 2019, 4:00 p.m.**

**Niles Room, Development Services Center
 39550 Liberty Street, Fremont, CA 94538**

1. **Call to order** (*Chair Godfrey*)
2. **Roll call and introduction of staff** (5 min.)
3. **Oral and written communications** (5 min.)
4. **Approval of minutes** ([December 6, 2018](#)) and review of agenda (5 min.)
5. **Scheduled Items**

5.1 Staff Updates (5 minutes)

Staff will provide updates on various City sustainability efforts.

5.2 Commissioner Announcements (5 minutes)

This is an opportunity for Commission members to make announcements on matters of interest to the Commission as a whole.

5.3 Carbon Neutrality / Post Carbon Community Framework (80 minutes)

BACKGROUND:

At the December 6, 2018 Regular ESC meeting, staff reviewed some major

trends, frameworks, and goals for the ESC to consider for the update to the Climate Action Plan. This was followed by a facilitated brainstorming and prioritizing session with the Commission to identify key goals and strategies that the Commission would like to see incorporated into the CAP 2.0.

Based on the feedback and direction provided by the ESC at the December 6 meeting, staff has defined long term and interim greenhouse gas reduction goals and an overarching framework that will further direct the CAP 2.0 development process. The new GHG emissions reductions goals and framework, as follows, may serve as the driving vision for the CAP 2.0 update process:

CAP 2.0 Goals

1. Achieve municipal and community-scale carbon neutrality no later than the year 2045, and to transition to a post-carbon community.
2. Establish an interim target of 55% emissions reductions from a 2005 baseline emissions level by the year 2030.
3. Update the Climate Action Plan with implementation actions that aim to achieve the interim 55% emission reduction target by 2030 and align with the 2045 carbon neutrality / post-carbon economy goal.
4. Adopt the following driving principles and strategies as the framework for achieving carbon neutrality and a post-carbon community:

FRAMEWORK FOR A POST-CARBON COMMUNITY

Values

- **Equity & Access:** Ensure that all people have the opportunity to benefit equally from climate solutions, while not taking on an unequal burden of climate impacts.
- **Efficiency & Innovation:** Promote the efficient use of resources and the adoption of clean and climate-smart technologies and techniques.
- **Health & Wellness:** Safeguard and enhance the ability of the community to live, work, play, connect, and thrive in a healthy social and physical environment.
- **Resiliency & Capacity-Building:** Provide education and training on the opportunities offered by a more resilient future and encourage sustainable behaviors across all sectors of the community.

Strategies

1. **Clean & Renewable Power** – Deployment and efficient use of clean, renewable, and locally-sourced electricity generated onsite or transmitted through the power grid.
2. **Electrification & Fossil Fuel Phase-Out** – Upgrade and replace carbon-intensive, fossil fuel-based infrastructure and combustion power throughout the transportation and building sectors with clean electric power.
3. **Carbon Sequestration** – Drawdown carbon dioxide and other greenhouse gases from the atmosphere through ecological and/or technological methods and capture and store it plants, soils, water systems, and other solid forms.
4. **Mobility & Connectivity** – Develop and enrich multimodal, accessible, equitable, intelligent, and clean motorized and non-motorized travel options, transit modes, transportation infrastructure, and community connectivity.
5. **Resource Conservation & Zero Waste** – Conserve natural and manufactured resources by means of the responsible production, consumption, reuse, and recovery of products, packaging, and materials.
6. **Restorative Ecology & Green Infrastructure** – Restore, rehabilitate, and repurpose degraded, damaged, or destroyed ecosystems and habitats through active interventions. Incorporate green infrastructure and ecosystem services into community design.
7. **Climate Adaptation & Resilience** – Prepare for, limit, learn from, and adapt to the negative effects of climate change through proactive and holistic planning and response at infrastructural, cultural, and institutional levels.

Staff will review the goals and framework detailed above with the ESC and revise as appropriate based on direction. If recommended by the ESC, staff will present the goals and framework at an upcoming City Council Meeting for approval.

RECOMMENDATION: Staff recommends that the Environmental Sustainability Commission recommend that City Council adopt a carbon neutrality goal by 2045 at the latest; an interim goal of 55% emissions reductions by 2030; and the “Framework for a Post Carbon Community” as detailed above.

6. **Adjourn**