



**BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT**

**BOARD OF DIRECTORS  
CLIMATE PROTECTION COMMITTEE  
COMMITTEE MEMBERS**

**JOHN AVALOS - CHAIR  
SUSAN ADAMS  
JOHN GIOIA  
JAN PEPPER  
SHIRLEE ZANE**

**ASH KALRA - VICE CHAIR  
TERESA BARRETT  
SCOTT HAGGERTY  
MARK ROSS**

**THURSDAY  
JULY 17, 2014  
9:30 A.M.**

**7<sup>th</sup> FLOOR BOARD ROOM  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109**

**AGENDA**

**1. CALL TO ORDER - ROLL CALL**

*The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members.*

**2. PUBLIC COMMENT PERIOD**

*(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at Air District headquarters, 939 Ellis Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.*

**3. APPROVAL OF MINUTES OF MARCH 20, 2014**

**Clerk of the Boards/5073**

*The Committee will consider approving the attached draft minutes of the Climate Protection Committee meeting of March 20, 2014.*

**4. STATE AND FEDERAL CLIMATE POLICY UPDATE**

**H. Hilken/4642**

[hhilken@baaqmd.gov](mailto:hhilken@baaqmd.gov)

*The Committee will receive an overview of the Scoping Plan Update, including discussion of the Cap and Trade Auction Proceeds Investment Plan and the President's Climate Action Plan.*

**5. REGIONAL CLIMATE PROTECTION WORK PROGRAM UPDATE**

**H. Hilken/4642**

[hhilken@baaqmd.gov](mailto:hhilken@baaqmd.gov)

*The Committee will receive an update on progress in implementing the 10-point climate action work program.*

**6. COMMITTEE MEMBER COMMENTS/ OTHER BUSINESS**

*Any member of the Board, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)*

**7. TIME AND PLACE OF NEXT MEETING**

*Thursday, September 18, 2014, Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.*

**8. ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

**CONTACT THE CLERK OF THE BOARDS**

**(415) 749-5073**  
**FAX: (415) 928-8560**  
**939 ELLIS STREET, SF, CA 94109**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://www.baaqmd.gov)

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities (notification to the Executive Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly).

Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District's offices at 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109**  
**FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:**  
**MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**JULY 2014**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting - CANCELLED</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	16	9:45 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> – <i>(Meets 3<sup>rd</sup> Thursday every other Month)</i>	Thursday	17	9:30 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	21	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets Quarterly – At the Call of the Chair)</i>	Monday	21	10:30 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee - CANCELLED</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee - CANCELLED</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	24	9:30 a.m.	Board Room
<b>Board of Directors Personnel Committee</b> <i>(At the Call of the Chair)</i>	Monday	28	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Special Board of Directors Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Thursday	31	9:45 a.m.	Board Room

**AUGUST 2014**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	6	9:45 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	18	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room

## AUGUST 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	Board Room

## SEPTEMBER 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	3	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	10	9:00 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	15	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> <i>– (Meets 3<sup>rd</sup> Thursday every other Month)</i>	Thursday	18	9:30 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	24	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	25	9:30 a.m.	Board Room

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson John Avalos and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/Air Pollution Control Officer

Date: July 7, 2014

Re: Climate Protection Committee Draft Meeting Minutes

RECOMMENDED ACTION

Approve attached draft minutes of the Climate Protection Committee meeting of March 20, 2014.

DISCUSSION

Attached for your review and approval are the draft minutes of the Climate Protection Committee meeting of March 20, 2014.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Sean Gallagher  
Reviewed by: Rex Sanders

Attachment

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 749-5073

**DRAFT MINUTES**

Summary of Board of Directors  
Climate Protection Committee Meeting  
Thursday, March 20, 2014

**1. Call to Order – Roll Call**

Chairperson John Avalos called the meeting to order at 9:45 a.m.

Present: Chairperson John Avalos; and Directors Susan Adams, John Gioia, Scott Haggerty, Jan Pepper and Mark Ross.

Absent: Vice-Chairperson Ash Kalra; and Directors Teresa Barrett and Shirlee Zane.

Also Present: None.

**2. Public Comment Period:** No requests received.

**3. Approval of Minutes of December 9, 2013**

Committee Comments: None.

Public Comments: No requests received.

Committee Action:

Director Haggerty made a motion to approve the Minutes of December 9, 2013; Director Ross seconded; and the motion carried by the following vote of the Committee:

AYES: Adams, Avalos, Gioia, Haggerty, Pepper and Ross.

NOES: None.

ABSTAIN: None.

ABSENT: Barrett, Kalra and Zane.

**4. Regional Climate Protection Work Program**

Henry Hilken, Director of Planning, Rules and Research, gave the initial staff presentation *10-Point Climate Action Work Program (Work Program)*, including background, summaries of

outreach and the results, revisions to the Work Program, estimated Air District resource needs, next steps and recommendation.

The Committee and staff discussed, at slide 7, *Revisions to Work Program*, the staff report Attachment C, *10-Point Climate Action Work Program*, page 2, #6, bullet 1, regarding the Air District permitting program.

Jack Broadbent, Executive Officer/Air Pollution Control Officer (APCO), continued the staff presentation at slide 8, *Estimated Resource Needs*, followed by a discussion between the Committee and staff regarding the source of the proposed funds; impact on Air District productivity following the proposed reassignment of existing staff; opportunities for support and collaboration with other air districts relative to the Work Program; how to reconcile Air District work with state and federal air quality standards; current fees and the expected increase; and plans for organizational restructuring in support of the Work Program.

Mr. Hilken concluded the presentation and amended the staff recommendation to insert “2014 and” before “2015” in the opening paragraph of the *Work Program*.

Committee Comments:

The Committee and staff discussed the ongoing dialogue regarding state versus local authority under Assembly Bill (AB) 32 and the Executive Order 2050 goal; the possibility of including a 2030 goal in the Work Program; the difficulty presented by varied targets for each region in combination with varied baseline dates, depending on the availability of local inventories; the need to eliminate conflicting messaging throughout the region, especially as it relates to public outreach, preferably through a grand, unified plan; Work Program impact on Air District outreach staff; the likelihood of California meeting the 2020 goal; the revision of Resolution 2013-11, page 4, to insert “s” after “Adam” in the “Ayes”; the similarity between increased greenhouse gas (GHG) fees to the tobacco taxes imposed to pay for public health campaigns; and which strata of entities pay GHG emission fees and the reasoning for their proposed increase.

Public Comments:

Mark Strehlow, Pacific Gas & Electric (PG&E), addressed the Committee regarding the performance of and improvements to PG&E operations and to request that the Air District align its Work Program with proposals by the U.S. Environmental Protection Agency and the Administration of President Obama.

Bill Vosburg, 350 Sonoma County, addressed the Committee in support of the Work Program; to request strengthening of the permitting language under Work Program, item 6; and to urge for accelerated action in keeping with a recent study setting the climate change date of no return as 2036 instead of 2050.

Floyd Earl Smith, 350 Bay Area, addressed the Committee in support of the staff recommendation and to commend the staff effort on this matter and their welcoming of public involvement during the process.

Jane Vosburg, 350 Sonoma County, addressed the Committee to echo the comments by Mr. Vosburg, to urge for the Air District to have a leadership role on this subject, and to request strengthening of the permitting language under Work Program, item 6.

Committee Action:

Director Adams made a motion to recommend the Board adopt the 10-Point Climate Action Work Program attached to the staff report, amended on page 2, #6. Initiate Rule Development, bullet 1, to insert “and enhance” after “Review.”

The Committee and staff discussed the genesis of the existing language proposed for amendment; the complications that potential conflicts between AB32 and Air District permit conditions; whether the proposed amendment is an adequate strengthening; and the value of integrating the Work Program with the cap and trade program, as well as other applicable state and federal requirements; how the Work Program could potentially conflict with the cap and trade program; the public response to and ultimate fate of other programs throughout the state that have created conflicts in the absence of a federal standard.

Director Adams made an amended motion, seconded by Director Gioia, to recommend the Board adopt the 10-Point Climate Action Work Program attached to the staff report with the following amendments:

1. Page 1, opening paragraph: insert “2014 and” immediately before “2015”;
2. Page 1, #2. Update GHG Inventory and Forecasting: replace “2035” with “a mid-term year” and replace “2014 Clean Air Plan” with “2015 Clean Air Plan”; and
3. Page 2, #6. Initiate Rule Development, bullet 1: Replace with “Integrate GHG emissions reduction into the Air District’s permitting program to facilitate GHG reductions consistent with California’s cap and trade program and other federal and state provisions.”

The amended motion carried by the following vote of the Committee:

AYES: Adams, Avalos, Gioia, Haggerty, Pepper and Ross.

NOES: None.

ABSTAIN: None.

ABSENT: Barrett, Kalra and Zane.

The Committee requested that staff set a new baseline date of 2013/2014, or find some other way to translate the varying data to a uniform starting point, and to investigate ways to begin personalizing climate goals by first developing per capita targets for the Bay Area.

**5. California Cap and Trade Program Revenue Allocation Overview**



Damian Breen, Deputy APCO (DAPCO), gave the staff presentation *California Cap and Trade Program Revenue Allocation Overview*, including background, state investment plan, impacted communities, proposed State budget, impacts on Bay Area, as well as challenges and next steps.

The Committee and staff discussed, at slide 5, *California Air Resources Board (ARB)/California Department of Finance Investment Plan*, the meaning of the percentages provided.

Mr. Breen continued the presentation.

The Committee and staff discussed, at slide 6, *Impacted Communities*, the primary emissions sources within and other air quality factors affecting the San Joaquin Valley.

Mr. Breen concluded the presentation.

Committee Comments:

The Committee and staff discussed ARB's ongoing discussion about achieving co-benefits through the allocation of cap and trade revenue; the actual auction revenue versus projected revenue; perceived issues with the CALENVIROSCREEN tool and the proper approach to advocating for distributions to the Bay Area; the advisability of working with public advocates and Senator Ricardo Lara; and how best to engage the issue of ensured funding for low-carbon transportation.

Public Comments: No requests received.

Committee Action: None; receive and file.

**6. AB 32 Scoping Plan Update**

Jean Roggenkamp, DAPCO, introduced the topic and Sigalle Michael, Senior Environmental Planner of Planning, Rules and Research, who, at the request of Chairperson Avalos, gave an abbreviated version of the staff presentation *California Cap and Trade Program Revenue Allocation Overview*, including background, progress update, overarching message, challenges and opportunities, key sectors, sector recommendations and next steps.

Committee Comments:

The Committee and staff discussed how high-speed rail investment fits with emissions reduction targets, how best to fund it, and the existence of data in support of varied opinions on the subject; the possible fate of low-carbon fuel standards at the hands of pending litigation; and the arguments being made for shifting funding away from high-speed rail to electrification of the automobile fleet.

Public Comments: No requests received.

Committee Action: None; receive and file.

**7. Committee Members' Comments:** None.

**8. Time and Place of Next Meeting:**

Thursday, May 15, 2014, Bay Area Air Quality Management District Headquarters, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.

**9. Adjournment:** The meeting adjourned at 11:42 a.m.

Sean Gallagher  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson John Avalos and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: July 3, 2014

Re: State and Federal Climate Policy Update

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The California Air Resources Board (CARB) approved the First Update to the AB 32 Scoping Plan on May 22, 2014. This Update builds upon the initial Scoping Plan with new strategies and recommendations that aim at reducing GHG emissions throughout California over the long term. Air District staff presented on this Update to the Committee on March 20, 2014.

In June, 2013, President Obama released his plan for addressing climate change. The President's Climate Action Plan focuses on cutting carbon pollution, and also addresses climate change adaptation and how the U.S. could lead international efforts to address global climate change. A cornerstone of the Plan's focus on cutting carbon emissions is an effort to establish federal standards for carbon emissions from power plants. Section 111 of the Clean Air Act gives the US Environmental Protection Agency (EPA) the authority to issue standards, regulations or guidelines that address carbon pollution from new and existing power plants. On September 20, 2013, the EPA proposed carbon pollution standards for new power plants (CAA Section 111(b)). On June 2, 2014, the EPA released a proposed rule limiting carbon pollution from existing power plants (CAA Section 111(d)).

**DISCUSSION**

On June 20, 2014, Governor Brown approved the California State Budget 2014-15, which includes an investment plan for auction proceeds under CARB's Cap and Trade program. These proceeds equal \$832 billion for the 2014-15 budget. Staff will provide an overview of the Scoping Plan Update, including discussion of the Cap and Trade Auction Proceeds Investment Plan and how funding from the Plan may be directed to the Bay Area.

Staff will also brief the Committee on the President's Climate Action Plan, focusing on the EPA's development of carbon pollution standards for power plants, including the status of rule-making and potential impacts for the Bay Area.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Abby Young  
Reviewed by: Henry Hilken

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson John Avalos and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: July 1, 2014

Re: Regional Climate Protection Work Program Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

At the April 2, 2014 Board of Directors meeting, the Board adopted a 10-Point Climate Action Work Program (Attachment A) to guide and document the Air District's climate protection activities in the near term. Included in this Work Program is the development of a Regional Climate Protection Strategy, which will support progress toward achieving the Air District's regional goal of reducing greenhouse gas emissions 80% below 1990 levels by 2050. This goal was established on November 6, 2013, when the Air District Board of Directors unanimously adopted Resolution 2013-11, *Resolution Adopting a Greenhouse Gas Reduction Goal and Commitment to Develop a Regional Climate Action Strategy*.

DISCUSSION

Since the last Climate Protection Committee meeting, Air District staff has taken a variety of steps to begin implementing many of the items in the Work Program. Staff will present on efforts taken toward implementing the "10 Points," progress made to date, and next steps in implementing the Work Program.

BUDGET CONSIDERATION / FINANCIAL IMPACT

Enhanced climate protection activities require additional resources. Such resources have been included in the FYE 2015 budget. Climate protection activities occurring through June 2014 were funded within the existing FYE 2014 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Abby Young  
Reviewed by: Henry Hilken

Attachment A: 10-Point Climate Action Work Program for the Bay Area

## 10-Point Climate Action Work Program

*March 25, 2014*

This 10-Point Climate Action Work Program represents the focus and direction of the Air District's Climate Protection Program in 2014 and 2015. This Work Program reflects the Air District's strength in playing a coordinating role for policy implementation at the federal, state, regional and local levels. The actions described below will serve as the Air District's priorities for the next two years as it continues to work with many stakeholders to reduce the Bay Area's greenhouse gas (GHG) emissions.

1. **Set GHG Reduction Goal** – Set a goal to reduce GHG emissions in the Bay Area 80% below 1990 levels by 2050 to align the Air District with Executive Order S-3-05, and work with stakeholders to develop interim targets and performance objectives, including per capita targets, to support this goal.
2. **Update GHG Inventory and Forecasting** – Update the Air District's regional GHG emissions inventory for the Bay Area. Conduct GHG emissions forecasts for 2020, a mid-term year and 2050. Use input from stakeholders, including local governments, to develop different GHG emissions scenarios, which will lay a foundation for the development of the Regional Climate Action Strategy described below. Seek to incorporate effects of federal, state (Scoping Plan), regional (Plan Bay Area and 2015 Clean Air Plan), and local (local climate action plans) initiatives. Identify gaps between forecast reductions from existing and proposed plans and measures, and the 2050 goal.
3. **Implement GHG Emissions Monitoring** – Initiate local monitoring of certain greenhouse gases, including methane and carbon dioxide. The Air District will integrate monitoring of methane within its current air monitoring network. The Air District will work with UC Berkeley researchers to collect local CO<sub>2</sub> emissions data through a university-led network of local CO<sub>2</sub> monitoring stations. Data collected will help develop a better understanding of ambient concentrations, variability and trends over time, as well as provide more specific local data for the regional GHG inventory.
4. **Develop Regional Climate Action Strategy** – Identify policy gaps between the 2050 GHG goal and interim GHG reduction targets and local climate action plans, Plan Bay Area, federal and state regulations and programs, and policies where the Air District has authority or influence to control GHG emissions. These potential Air District actions could be included in the 2015 Clean Air Plan and serve as a Regional Climate Action Strategy. The Strategy will encourage regional and local economic approaches that support the 2050 goal and interim targets of this Work Program. Conduct an economic and public health impacts study of the Strategy, including a focus on disadvantaged communities. Continue to work with the Joint Policy Committee and its member agencies to support regional planning efforts to reduce GHG emissions and benefit public health. Conduct a robust public outreach effort, as part of the 2015 Clean Air Plan process, including work with local researchers, representatives of affected industry, commercial interests, governing bodies, environmental organizations and community groups to engage them in discussion about the need, and path forward, for significant GHG reductions.
5. **Support and Enhance Local Action** – Increase the local implementation of GHG-reducing policies and programs through enhanced technical assistance to cities and counties and special districts in preparing and implementing local Climate Action Plans. Expand technical assistance to local governments through development of incentive programs, CEQA mechanisms and providing necessary data:
  - Support local climate action planning through data delivery, technical tools, providing a clearinghouse of information and promoting best practices;
  - Promote EV readiness and best practices in local plans;

- Explore funding sources for incentives to improve energy efficiency, including work with ARB to potentially use Cap and Trade auction proceeds, and working with other potential sources of funding to increase investment in local and regional GHG reduction;
  - Update CEQA thresholds for GHGs and update CEQA Guidelines to assist cities, counties and other lead agencies;
  - Work with lead agencies to use the CAPCOA GHG Exchange for offsite mitigation under CEQA (e.g., work with organizations such as the Marin Carbon Project to develop protocols for GHG reduction credits); develop offset protocols that support GHG reduction projects in the Bay Area;
  - Work with GHG emissions data providers to provide regular and consistent data to local governments;
6. **Initiate Rule Development** – Initiate rule development to advance GHG reduction in sources subject to Air District regulatory authority, and identify opportunities to require GHG emission reductions in existing rules and policies. Examples may include:
- Integrate GHG emission reduction into the Air District’s permitting program to facilitate GHG emission reductions consistent with California’s Cap and Trade program and other federal and state provisions;
  - Reduce methane emissions and other short-lived climate pollutants, such as black carbon;
  - Enhance and/or backstop upcoming federal requirements to control GHG emissions from new and existing power plants;
  - Increase deployment of heat mitigating technologies and policies, such as cool roofing and cool paving;
  - Explore opportunities to reduce energy use in the residential, commercial and industrial sectors;
  - Work with stakeholder groups to identify additional opportunities to reduce GHG emissions through Air District rule-making.
7. **Expand Enforcement** – Expand enforcement of statewide regulations to reduce GHGs, especially short-term climate pollutants. Continue working with the Air Resources Board (ARB) to enforce existing Scoping Plan regulations addressing landfills, semiconductors and refrigerants. Work with ARB to explore further opportunities through the development of the Scoping Plan Update.
8. **Launch Climate Change & Public Health Impacts Initiative** – Collect and synthesize information, reports and data on climate change impacts related to air quality, public health and disproportionate impacts. Work with state and local public health professionals to identify policies and programs targeting impacts that affect air quality and public health, including wildfires and extreme heat. Include impacts associated with black carbon emissions. Identify strategies and funding opportunities to assist the most vulnerable populations and disadvantaged communities.
9. **Report Progress to the Public** – Select indicators to measure, track and report on progress toward the 2050 goal and related performance objectives. Report this information publicly, presented in a manner that informs and engages the public, such as Berkeley’s Climate Action Plan Results web page.
10. **Explore the Bay Area’s Energy Future** – Assign the Air District’s Advisory Council the role of investigating technical issues related to the Air District’s Climate Protection Program. Initially focus on the energy future of the Bay Area, including examining trends in Bay Area fossil fuel demand and production, and exploring opportunities for the Air District to promote and support the development of clean energy options.