

**Title: Fairfax Climate Action Committee will strengthen itself, and will develop improved operations and relationships with Town Council and Staff
2020.01.29 Draft 1**

<p>Current State – 1.1.2020</p> <ul style="list-style-type: none"> ● CAC members are ad hoc approaching Town Staff to seek information, help, action. ● There is no involvement of Town Staff or Town Council in CAC activities. ● There is little communication between CAC and Town Council and Town Staff. ● We have only 9 members ● We are authorized to have 13 members 	<p>Experiments to close the gap: List of experiments we will do to get to the goal</p> <ul style="list-style-type: none"> ● Develop checklist for developing agenda, delivering it, posting notice, etc. ● Develop rolling 12-month calendar with all Council, CAC activities. ● Set goal that each member of CAC will recruit at least one subcommittee member. ● Use Town halls to recruit new CAC subcommittee members. ● Develop new member on-boarding process. ● Establish monthly meetings with Town Staff. ● Ensure regular presence at Town Council and regular agenda items. ● Ensure Fairfax is represented at MCEP and MCEP activities are communicated to FXCAC. ● Reach out to local schools to recruit committee members.
<p>What outcomes will we accomplish by 6/30/2021:</p> <ul style="list-style-type: none"> ● Our committee will be operating smoothly and people will have long-range clear notice of upcoming CAC events and activities. ● We will have 10 strongly contributing members of the CAC. ● We will have the support of, and collaboration with the Town Council ● We will have the support of, and collaboration with the Town Staff. ● We have a youth member on the sub-committees of the CAC. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> ● Walt and Joanne spend time! ● Staff time for monthly meeting ● Time of CAC members to recruit new involvement ● On-line communication tools that do NOT violate Brown Act requirements <p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> ● Did we get the experiments done

Title: Fairfax will make all operations of the Town Government carbon neutral by June 30, 2021.

2020.01.29 Draft 1

<p>Current State – 1.1.2020</p> <ul style="list-style-type: none"> Town Operations GHG emissions have reduced over the past decade (see draft GHG inventory for 2016) Town Operations generate approximately 240 metric tons of CO_{2e} Town has performed a comprehensive energy audit to identify ways to reduce consumption (and save money) and to electrify all gas appliances (thus becoming 100% renewable energy). Town has allocated \$20,000 to implement the recommended steps from the Energy Audit. <table border="1" data-bbox="129 418 1661 808"> <thead> <tr> <th>Sector</th> <th>2005 Metric Tons CO_{2e}</th> <th>2016 Metric Tons CO_{2e}</th> <th>Change Metric Tons CO_{2e}</th> <th>% Change</th> </tr> </thead> <tbody> <tr> <td>Buildings & Facilities</td> <td>41</td> <td>36</td> <td>-5</td> <td>-13%</td> </tr> <tr> <td>Vehicle Fleet</td> <td>123</td> <td>106</td> <td>-17</td> <td>-13%</td> </tr> <tr> <td>Public Lighting</td> <td>53</td> <td>31</td> <td>-22</td> <td>-42%</td> </tr> <tr> <td>Water Delivery</td> <td><1</td> <td><1</td> <td><1</td> <td>-42%</td> </tr> <tr> <td>Waste</td> <td>25</td> <td>26</td> <td>0</td> <td>2%</td> </tr> <tr> <td>Employee Commute</td> <td>113</td> <td>41</td> <td>-72</td> <td>-64%</td> </tr> <tr> <td>Total</td> <td>355</td> <td>240</td> <td>-116</td> <td>-33%</td> </tr> </tbody> </table>	Sector	2005 Metric Tons CO _{2e}	2016 Metric Tons CO _{2e}	Change Metric Tons CO _{2e}	% Change	Buildings & Facilities	41	36	-5	-13%	Vehicle Fleet	123	106	-17	-13%	Public Lighting	53	31	-22	-42%	Water Delivery	<1	<1	<1	-42%	Waste	25	26	0	2%	Employee Commute	113	41	-72	-64%	Total	355	240	-116	-33%	<p>Experiments to close the gap: List of experiments we will do to get to the goal</p> <ul style="list-style-type: none"> We will before June 30 2020 spend the allocated \$20,000 to get as close to full electrification for all town buildings as we can. If possible, achieve this before Earth Day, 2020, so we can showcase the Town’s accomplishments at an event on that day (see Communications and Collaboration A3). Between June 30 2020 and June 30 2021, we will complete the electrification and energy reduction recommendations from the Town Audit, thus making the Town buildings 100% renewable energy. We will make sure all Public Lighting is on Deep Green by June 30, 2021 to eliminate 31 tons of GHGs We will “buy carbon offsets” to offset the balance of our footprint (e.g. put an internal price on carbon) and use the proceeds from this to issue grants to Town Residents to reduce their carbon footprint. (240 tons * \$20/ton = \$4800). Add battery capacity to the Pavilion Solar PV system.
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<p>What will we accomplish by 6/30/2021:</p> <ul style="list-style-type: none"> We will achieve Carbon Neutrality for all Town Operations by June 30, 2021. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> Town staff to work with FXCAC to use the previously allocated budget focused on the women’s club (\$20,000 + remaining funds allocated for CAC (approximately \$1500.) Town staff to work with us to develop a budget for remaining electrification of Town Buildings. Estimated Budget: \$200,000. Town staff to work with CAC to ensure we are using renewable sources for all public lighting. Budget for implementation of the internal price on carbon to be administered by the CAC or its delegates in a grant program to the public - \$5,000 for fiscal year 2020-2021. \$2,000 seed money for design of retrofit of Pavilion solar system. <p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> Spend the allocated 2020 budget towards electrification and measure impact. Achieve all Audit recommendations by June 30, 2021. Ensure all public lights are 100% renewable. 																																								

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| | <ul style="list-style-type: none">• Allocate all of our internal price on carbon funds to help residents reduce their carbon footprint. Publicize the heck out of this program (see Communication and Collaboration A3)• Develop implementable plan for microgrid deployment, including funding. |
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**Develop, throughout Fairfax, actionable awareness and strong political will for bold action on climate
2020.02.05 Draft 2**

<p>Current State – 1.1.2020</p> <ul style="list-style-type: none"> ● There is increasing awareness and deep concern over the climate situation, due in large part to disasters locally and world-wide ● There is strong political will to increase resilience, particularly in the area of fire preparedness ● The State and County are major leaders on Climate ● Fairfax has declared a Climate Emergency, committing to reaching GHG Neutrality by 2030 ● Action at a scale warranted by the Emergency is just beginning in Fairfax ● Both the CAC and Sustainable Fairfax have done great thinking and successful projects, but are too under-resourced to scale up as the Emergency warrants ● Climate Change Mitigation appears infrequently on the Council or Staff priorities ● Major opportunities exist for Fairfax to be a leader in Climate Change Mitigation, due to the unique culture and strong environmental ethic in our town 	<p>Experiments to close the gap: List of experiments we will do to get to the goal</p> <ul style="list-style-type: none"> ● Get the Fairfax Meter going again, on the web and in a prominent downtown location, to be used for both data and education/announcements (including promotion of rebates and other opportunities) ● Collaborate with Drive Clean Marin, San Anselmo, and others to promote EV usage in many ways. ● Collaborate with, and find ways for the Town to educate the community on carbon footprint and consumption-based emissions, <i>e.g.</i> Resilient Neighborhoods. ● Quarterly town-wide meeting, Climate Conversations, or annual summit, to increase public support and engagement ● Do fun activities within the community, <i>e.g.</i> tabling, festival, parade, arts, etc. ● Maintain website, email list, possibly newsletter; include profiles of Fairfax folks as inspiration (youth interviews?) ● Define a CAC sub-committee to manage these experiments ● Provide content for the Town/Community Organizations communications and social media.
<p>What outcomes will we accomplish by 6/30/2021:</p> <ul style="list-style-type: none"> ● Council has developed a funding plan for Climate Change Mitigation, including serious consideration of adding Staff for this purpose. ● CAC Priorities for this period have been accomplished. ● The Meter is active and updated monthly, with content that is interesting and talked about in Fairfax and beyond. ● CAC has held several townwide meetings. ● ClimateFx.org and mailing lists are up to date and in active use. ● All town channels for official communications are available to promote FXCAC goals. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> ● Time of Staff and Mayor and Councilmembers, to consider these things on Council agendas ● Use of Town facilities (e.g. Women's Club) more frequently than at present ● A location for the Meter (prominent downtown, probably on paper), and funding for monthly updates, web development & printing \$5,000. ● Funding for tabling materials, banner, shade canopy, rentals, A/V etc. for events, and for CAC general operations. \$2,000. ● Hosting and domain registration fees for ClimateFx.org. ● Committee member (Secretary?) to maintain email list, and do mailings as appropriate. ● Committee member (or other person) to maintain ClimateFx.org. ● Committee member (or other person) to design flyers, mailings, Meter and web material. ● Council consider (this year) funding a Staff position around climate mitigation agenda as put forth in the CAP. <p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> ● Did we get the experiments done

Title: *Fairfax Climate Action Committee will complete the update of the Climate Action Plan (CAP) 2030 by December 31, 2020.*
2020.02.02 Draft 2

<p>Current State-2.1.2020</p> <ul style="list-style-type: none"> • The current Town of Fairfax Climate Action Plan was adopted in 2014, setting a goal to reduce Greenhouse Gas Emissions 20% by 2020. • The most recent (through calendar year 2016) Greenhouse Gas Inventory for the Town of Fairfax determined that the Town had already achieved its goal. • In 2019, the Fairfax Town Council adopted a Climate Emergency Resolution, with the goal of eliminating all emissions by 2030 • CAC members are working to update the 2014 CAP; without the guidance of MCEP consultant, Christine O'Rourke, towards the achievement of the Town's carbon neutrality goal. • CAC members are using the San Rafael and San Anselmo 2030 CAPs as templates 	<p>Experiments to close the gap: List of experiments we will do to get to the goal</p> <ul style="list-style-type: none"> • CAP Update Subcommittee will continue to meet every 1-2 months to complete each section of the CAP. • CAP Update Subcommittee will work with Town staff to achieve alignment around the CAP. • CAP Update Subcommittee will host Town Halls to engage the community in the development of the plan. • CAP Update Subcommittee will brief the CAC and Town Council periodically to ensure alignment. • Fairfax data will be secured from Christine O'Rourke/MCEP and integrated into the CAP.
<p>What outcomes will we accomplish by 6/30/2021:</p> <ul style="list-style-type: none"> • The Fairfax 2030 Climate Action Plan will be completed and approved by the Fairfax Town Council by the end of calendar 2020. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> • Fairfax CAP Update subcommittee members have time to meet. • Christine O'Rourke/MCEP is available to provide data and support the completion of the CAP. • Town Staff have a chance to review the CAP draft and provide relevant input. • Community meetings held to get input/engagement from community. • Town Council places 2030 CAP on their agenda by December 2020. • No funding required. <p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> • Final approval of the Climate Action Plan (CAP).

Title: *Double the participation in MCE Deep Green, or equivalent (including on-site renewables) by June 30, 2021*

<p>Current State</p> <ul style="list-style-type: none"> ● Fairfax has 262 Deep Green Customers, 8.9% of MCE customers (95,000 total customers in Fairfax). ● There is currently no express and specific efforts in town, by the town or other organizations (except MCE) promoting Deep Green. ● Deep Green Champions (business, nonprofits and public agencies) include the Town of Fairfax, SFx, Café Lotus, Lolas, Good Earth, and others – but this program is a little under-promoted. ● Getting utility accounts to opt up to Deep Green is among the most impactful climate change mitigation solutions at our fingertips. 	<p>Experiments to close the gap: List of experiments we will do to get to the goal</p> <ul style="list-style-type: none"> ● Engage public institutions: schools, churches, chamber of commerce, organizations to set MCE goals. ● Specifically work with Fairfax Volunteers, Open Space Committees. ● Focus on residential participation. ● Promote MCE Green Champions program for businesses in Fairfax – tell their stories locally. ● Set goals for MCE participation and tell the story about how these climate improvements will make a difference. ● Promote through comprehensive PR strategy through a variety of town, organizational communications ● Appropriate PR and marketing. ● Secure Town Council direction to staff to promote and communicate FXCAC campaigns and actions to community.
<p>Desired Future State: State the specific target(s). State in measurable or identifiable terms.</p> <ul style="list-style-type: none"> ● Increase Deep Green participation. ● Double Deep Green households. ● Get MCE from 262 to 525 households. ● Raise \$6K in support of this effort. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> ● Grant \$\$\$ (\$6K per year) to subsidize MCE participation and support this effort. <p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> ● Double MCE engagement. ● Reporting climate improvements to continue to engage the community.

**Title: Fairfax will pass certain ordinances to move us towards our 2030 Carbon Neutrality Goal
2020.01.29 Draft 1**

<p>Current State – 1.1.2020</p> <ul style="list-style-type: none"> Town has adopted Cal Green Tier 1, and no energy regulations. 	<p>Experiments to close the gap:</p> <ul style="list-style-type: none"> Review Tier 2 requirements to see if it covers low-carbon concrete, or other proposed ordinances, allowing us to drop these. Work with Communications/Collaboration Committee to build public support for moving away from natural gas in buildings. Work with CEC, other civic organizations to develop a tool kit to help home and business owners to move away from natural gas over the decade. Develop funding plan for gas-yard-equipment buy-back program (e.g. rebate from Home Depot, MCE, CEC, PGE, others for purchase of electric tools). Use electrification of Town Buildings to demonstrate feasibility to town residents. Focus on ordinances 1-4 as most feasible in the short run; then focus on 5 and 6. Budget required for gas-yard-equipment buy-back program Work with Town Staff on ordinance 6; follow example of Berkeley and other towns, as well as CAC previously discussed ideas. Work with community organizations to promote resources to move away from natural gas appliances. Identify funding sources for helping residents to move away from natural gas appliances.
<p>What will we accomplish by 6/30/2021:</p> <p>Ordinances accomplishing the following:</p> <ol style="list-style-type: none"> Pass Tier 2 Cal Green (previously recommended by CAC) Pass Marin County Reach Codes Ordinance for Energy (previously recommended by CAC) Pass Low-carbon concrete ordinance (if needed) Pass vehicle idling ordinance (e.g. Palo Alto) Pass ordinance phase-out fossil fuel burning yard equipment, beginning in 2027. Pass natural gas phase-out by 2030 as previously discussed by CAC Explore ordinance to put fee on gas vehicles. 	<p>Resources Required for the experiments (\$, staff time, other)</p> <ul style="list-style-type: none"> Town staff and external resources to develop ordinances and implement programs Town Council time at meetings to consider ordinances Develop funding mechanism (e.g. the proposed internal carbon tax on Town Operations) to pay for the gas-powered yard equipment buy-back program for 2021. Successful efforts of Communication/Collaboration committee to build support for these measures Success of MCE committee to make sure electrification eliminates GHG emissions.
	<p>How will we measure success over the next 18 months?</p> <ul style="list-style-type: none"> How many can we pass? Is Town Staff able to implement?