
THE CLIMATE CHANGE ADVISORY COMMITTEE WILL HOLD THIS MEETING
USING A VIRTUAL, ZOOM WEBINAR, PER GOVERNOR INSLEE'S
"STAY HOME, STAY HEALTHY" ORDERS

MEMBERS OF THE PUBLIC WILL BE ABLE TO CALL IN TO THE ZOOM MEETING.

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/95413894777](https://bainbridgewa.zoom.us/j/95413894777)

OR TELEPHONE: 1-253-215-8782

WEBINAR ID: 954 1389 4777

AGENDA

- 5:30 CALL MEETING TO ORDER/ROLL CALL/ACCEPT OF MODIFY AGENDA/CONFLICT OF INTEREST DISCLOSURE
- 5:35 APPROVE MARCH 17TH MINUTES
- 5:40 PUBLIC COMMENT
- 5:50 COOPERATIVE WEED MANAGEMENT AREA (CYNDY HOLTZ)
- 6:00 COMMUNITY CLIMATE SOLUTIONS (LISA ALTIERI)
- 6:30 STATUS OF PSE ACTIVITIES ON ISLAND (KIERRA PHIFER)
- 6:45 SEA LEVEL RISE AND SMP (PETER BEST)
- 7:00 CLIMATE ACTION PLAN UPDATES
 - MEETING WITH PARKS
 - FORESTRY AND CLIMATE CHANGE CONFERENCE
 - PSE FRANCHISE MEETING WITH CHRIS WIERZBICKI
 - CLIMATE EQUITY WITH REAC
 - CLIMATE OFFICER
 - GHG MUNICIPAL EMISSIONS INVENTORY
 - CLIMATE LENS PILOT SITE AT SENIOR CENTER
 - VASHON APRIL 26TH BIODIGESTER TOUR
 - CCAC APPOINTMENT
- 7:30 ADJOURN

Materials

1. March minutes
2. Cooperative Weed Management Area
3. Community Climate Solutions (2 attachments)

Climate Change Advisory Committee Minutes
March 17, 2021

Present: Committee members Michael Cox, David McCaughey, Deborah Rudnick, Jens Boemer, Lara Hansen, Derik Broekhoff, Julie Matthews, Gary Lagerloef

Council Liaison: Joe Deets, Kirsten Hytopoulos

City staff: Ron Logghe, Mark Epstein

Public: Kierra Phyfer. PSE, Marcy Burkel

Jan Allen, Rolfe Phillip, and Michael Smith to speak about biodigester

5:34 pm: Call meeting to Order

Approve February 17 minutes

David asked for a change to the minutes to correct a statement he had made that was not correctly written. Change made by Deb and will be sent to Mike. Lara moved to approve, and David seconded. All approved.

Public Comment - none

Discussion

- Updates on sustainable transportation: Mark Epstein asked for our assistance supporting the plan when it comes out, they expect some pushback, and a culture shift is likely needed to support some of the asks. Mark encouraged us to go back and watch the presentation at City council last night on sustainable transportation. Starting to group and rank alternative programs and policies to come up with near term actions, identify gaps such as all ages and ability networks and ways to improve walk and bike-ability. April 23 they will have their next STTF/tech advisory joint meeting, those can all be watched. Lara will attend their next meeting as a liaison from CCAC. Joe indicated he's on the board of Kitsap Transit if that is helpful.
- Green building task force: Legislative healthy buildings bill did not move forward which is not good news for GBTF efforts to push forward on some of the policies around energy code, which Joe suggested may shift their work towards incentivization
- SMP: Citizen committee forming to review items like sea level rise with relevance to climate, Mike has joined. All can take the Sea Level Rise survey that is on the SMP site: <https://cityofbainbridgeisland.civilspace.io/en/projects/smp-periodic-review/engagements/sea-level-rise-flooding-survey/sections/1>
- Senior Center and Climate Checklist: initial meeting with Senior Center to discuss how the checklist might be used in the remodel, Lara suggested it will be beneficial to give a presentation to COBI staff so we can identify where this could come up across the city.

Mike has touched base with Ron about this and he has discussed with Ellen about scheduling this. Mike will also drop Peter a note about the checklist as well.

- Impact Bioenergy Presentation

- o Joe introduced the topic regarding how Bioenergy is coming to us tonight. Joe reached back to their presentation a few years ago and reached out again in light of the CAP passing.
- o PSE engaged Impact on Bainbridge a few years ago to do a pilot project and wrote two technical memos on creating energy with commercial sector waste, and then expanding that to include residential organic waste
- o Jan's presentation is in the meeting materials
- o Joe suggested we may want to take a field trip to see the Vashon system, which Jan described more fully in discussion as taking food waste only and generating liquid fertilizer, integrated with a greenhouse and food production. Got a matching grant from the state's clean energy fund, but its also an investment for them as they self-financed the remainder.
- o With the transition in administration and public works, this may be a good time to get funding for this kind of project.
- o Odor control is a very high priority for them, along with output products and economics.
- o Jan spoke to storing energy- on Vashon they have low-pressure storage and also refined NG stored in smaller units. Discussed that energy storage could be an option for Bainbridge as well but difficult to speak in generalities about its exact capacity.

- Climate Action Plan Updates

- o Still on track to put climate officer position out in second quarter
- o Christian Berg is working on updates and is well underway with the municipal update
- o Mike asked if we want to get the next GHG inventory update for 2021. David agreed that 2020 is likely to be anomalous for a number of reasons. Jens questions the commitment of resources and asks if we have thought carefully about frequency of updates. Gary suggested that there is merit to looking at what happened in 2020 to see what the pandemic did in terms of our inventory. Christian is already working on 2020, so that work is already underway. Derik discussed that Kitsap County and King are putting out RFPs to do GHG inventories for 2019 and 2020. We could have another conversation with Cascadia about how to improve some of the community metrics. Mike proposes that the municipal work Christian is already doing continue, and community could be delayed a bit to see what comes out of the climate officer coming on board and the larger regional efforts that we may be able to capitalize on.
- o Web presence and outreach: Mike, Deb, Lara, and Julie have been working with Kristen Drew and have written one for COBI Connects so far. Kirsten has web page on the radar but a lot going on, and that will need the climate officer to really move forward.

- o Climate Equity: joint meeting a few weeks ago with Race Equity committee. Mike has reached out a few times but nothing back yet. Joe suggested that we just gently nudge them on places where we want collaboration. Lara wants to follow up with the presenter from Portland to see if she can get more information for integrating racial equity screening tools to the climate certification checklist and will reach out to race equity committee again on this topic.
- o Mike had a good meeting with Chris Wierzbicki regarding the franchise negotiation and he wants to continue to engage with us on this.
- o Deb, Mike, and Lara will be meeting next week with park district to talk about inventory
- o BISD – conversations are on hold for now but there is definitely interest. We will be engaged with 4C Friday at BHS.
- o Funds for climate action: there is a set-aside subfund of the general fund for climate action work
- o Ron indicated that Public works is waiting for the next CIP to integrate EV-related projects
- March 24: Interfaith and climate meeting, Mike will send information around about this

7:34 Adjourn

Michael Cox, Chair

Date

Cooperative Weed Management Area Overview

April 21, 2021

The Bainbridge Island Parks Foundation, along with key stakeholders on Bainbridge Island, is organizing a Cooperative Weed Management Area (CWMA) to address the widespread problem of invasive weeds on the island. The CWMA organizers are seeking a directive from the Bainbridge Island City Council for City staff to participate in the formation and management of the CWMA.

A CWMA is a partnership of multiple entities that are invested in the control and containment of invasive weeds in a defined geographic area. The CWMA partnership is usually organized under a formal agreement, and the involved stakeholders are currently reviewing a draft memorandum of agreement (MOA).

CWMAs achieve success in containing invasive weeds by agreeing to common goals and priorities, and then establishing these same goals and priorities within their own organizations and agencies. The CWMA develops a management plan that guides the group's priorities and actions for a specific time period. In addition to conducting invasive weed control on lands within each member's jurisdiction, CWMA members also engage in public education about invasive weeds and host weed control events that community members can participate in.

The following agencies and organizations are participating in CWMA-formation discussions and have expressed interest in formalizing their membership in the CWMA:

- Kitsap County Noxious Weed Control Board
- City of Bainbridge Island
- Bainbridge Island Metropolitan Parks and Recreation District
- Bainbridge Island Land Trust
- Sustainable Bainbridge/Bainbridge Island Watershed Council/Weed Warriors
- Friends of the Farms
- Islandwood
- Bloedel Reserve
- Bainbridge Island Parks Foundation

The organizers are seeking a formal directive from the Bainbridge Island City Council to enable continued staff participation in the group's activities, including the review and approval of the MOA. The City's recently adopted Climate Action Plan (CAP) already lays the groundwork for City participation in the CWMA. The following CAP Priority Actions related to invasive weed management will be addressed by the CWMA:

6.A.1.b. Develop and adopt a comprehensive strategy for addressing invasive species on City lands to reduce these significant stressors on ecosystems

6.A.1.d. Partner with community organizations to leverage additional data sources and monitoring efforts that contribute to well informed natural resource management,

6.A.3.e. Prioritize the control and elimination of invasive species such as scotch broom and holly that are known to have additional wildfire risk (flammability)

6.A.3.f. Work with community organizations including BIMPRD and BILT to proactively identify, treat and contain plant pathogens, as well as invasive species.



“The CCS Platform has everything our city needs to engage residents and make an impact.”

- Rachel DiFranco, Sustainability Manager, City of Fremont, CA

It's time to empower residents on Climate Solutions

CITIES ARE STEPPING UP.

Cities across the U.S. and beyond are looking for innovative ways to take action on climate change. Many initiatives focus on renewable energy, building codes, or city facilities. However, there is another opportunity for significant impact—engaging residents.

YOUR RESIDENTS CARE.

According to Yale research, over 60% of Americans are worried about climate change and want to help, but don't know what to do. In many cities, the percentage of concerned residents is even higher. The important news—they can now make a big difference.

40-60% of Climate Action Plan emissions come from just **4** basic household activities residents do every day—



ELECTRICITY



HOME HEATING



WASTE



TRANSPORTATION

Where residents NOW have options to take action, lower their impact, save money - AND help your city meet climate goals.

Introducing Community Climate Solutions

DRIVING RESIDENTIAL ENGAGEMENT ON CLIMATE SOLUTIONS

Community Climate Solutions provides a simple, easy, and fun engagement platform and program that empowers residents to take climate actions at home and beyond. There are many easy, affordable actions that everyone can take to make a difference. And the savings are tangible—most households will save between \$1,000 and \$3,000/year while reducing their household climate impact.

LEARN MORE AT [COMMUNITYCLIMATE.ORG](https://communityclimate.org) | CONTACT US AT [PJURNEY@COMMUNITYCLIMATE.ORG](mailto:pjurney@communityclimate.org)



Community Climate Solutions provides an easy, cost effective way to engage residents and accelerate emissions reductions.

with Community Climate Solutions:

YOUR RESIDENTS ARE EMPOWERED TO:

- Learn about solutions
- Take action
- Save money

YOUR SUSTAINABILITY TEAM HAS A LOW-COST, PLUG AND PLAY PLATFORM TO:

- Include residents in your climate goals and initiatives
- Target a significant source of city emissions
- Build a more sustainable, resilient community

What Makes Community Climate Solutions Unique



ROBUST CARBON ANALYTICS ENGINE

with data customized for each user so residents can see the true impact and savings from actions.



SIMPLE, FUN PLATFORM

that makes it easy to learn to take climate actions, track progress, and save money



SOCIAL ENGAGEMENT

with built-in features for residents to work in teams, share tips, and celebrate wins



CUSTOM PROGRAMS AND SUPPORT

local branding and custom engagement programs with dashboards and data reporting to track progress

“It’s a Fitbit for Sustainability”

—James Keene, former City Manager, City of Palo Alto



COMMUNITY CLIMATE SOLUTIONS

Driving Community Engagement on
Climate and Sustainability

COMMUNITY CLIMATE SOLUTIONS

Building a safe, healthy future

Palo Alto, CA (650) 274-5171
info@communityclimate.org

COMMUNITY CLIMATE SOLUTIONS

Community engagement on climate solutions

Cities are stepping up and setting bold goals on climate change

All across the U.S. and beyond, cities are stepping up and setting bold goals on climate change and looking for new and innovative solutions to drive deep emissions reductions. With up to 50% or more of city emissions coming from choices that residents make, one of the biggest opportunities is through community education and engagement. In addition to emissions reductions, community engagement also brings community members together and builds community resilience.

Most residents want to help and can make a significant impact

According to Yale research, over 60% of Americans are worried about climate change and want to help, but don't know what to do. In many cities the percent of concerned residents is much higher. With gridlock on national policy and increasing severe weather events, concern is growing, and people want to know how they can help and be part of the solution.

40% of U.S. GHG emissions come from 5 basic household activities we do every day – electricity use, home heating, transportation, food choices and waste generation. With recent tech advances, there are now affordable and accessible actions most people can take in these 5 basic areas to significantly lower their impact. From choosing green electricity or solar, to installing LED lights to choosing an electric vehicle or alternative transportation, residents can make a significant difference by taking actions. Aggregated, these actions can have a substantial impact.

Most importantly, there are also many co-benefits from actions. Residents can save money, up to a few thousand dollars a year per household. Actions also create healthier indoor and outdoor air quality and more local jobs. Residents can improve their quality of life in their home and in their community. Engaging residents on climate solutions is a valuable strategy for emissions reductions.

Empowering & motivation action – the key is social

So how do we engage the community? What works? Many cities have created great rebate programs or free community services only to find participation limited. Despite traditional methods of providing information to residents, awareness and adoption is often low. Lesson learned - information is not enough to motivate participation. The key to motivation is social. When residents hear about a program from a neighbor or they are engaged to participate in a challenge through their children's school or a local community group, their likelihood of participation is greatly increased. Social networks and fun, friendly challenges are a powerful method for engaging and motivating action. Social engagement also creates a stronger and more resilient community.

"Climate change is such a huge problem. I want to help, but I don't know where to start."

Resident

"Residents are interested in learning about solutions, but we don't have the tools for broad, effective, public engagement."

Sustainability Coordinator

COMMUNITY CLIMATE SOLUTIONS

Community engagement on climate solutions

Engaging the Community – Our Platform

Community Climate Solutions is providing the first comprehensive online community engagement platform for low cost, effective residential engagement on climate and sustainability. Traditional methods for community engagement are expensive and time consuming. However, if we leverage technology to help facilitate engagement and leverage existing social networks through a community-based model, we can create an opportunity for low cost, effective community engagement.

Our platform makes it simple, easy and fun for community members to learn about climate solutions and specific actions they can take to make a difference. At the core of our platform is a robust custom carbon and savings calculator that provides residents important information on impact, cost and savings to help them in making decisions on which actions to take. Users can see their impact and track progress for their household, neighborhood and the city. Our platform also provides robust resources to help residents complete actions including how-to guides and links to resources such as rebates and financing options.

Most importantly, the platform connects community members to work together – sharing ideas and resources, working in teams or community group and celebrating success to motivate action. These connections also build community resilience.. Our platform has a user friendly, accessible design and incorporates best practices in behavior change, gamification and community engagement.

The platform provides a custom solutions with local images and messaging that makes it look like it was built just for your city and tracks progress with robust data providing helpful data analytics for program planning. The platform includes following features:

- Custom branding and messaging
- User friendly information on actions including resources, rebates and how to guides
- Robust analytics with custom estimates on savings and impact based on local data
- Dashboards to track progress at the user, team, group, neighborhood and city level
- Utility data integration (available in some areas)
- Web application that works like an app on mobile

The platform is offered as a low-cost annual subscription service with a one-time set up fee. We include community engagement program tools, coaching and support. To schedule a demo, please contact Lisa Altieri, laltieri@communityclimate.org.

“The CCS Platform has everything our city needs to engage residents and make an impact.”

Rachel DiFranco
Sustainability Manager, Fremont, CA

“It’s a Fitbit for Sustainability.”

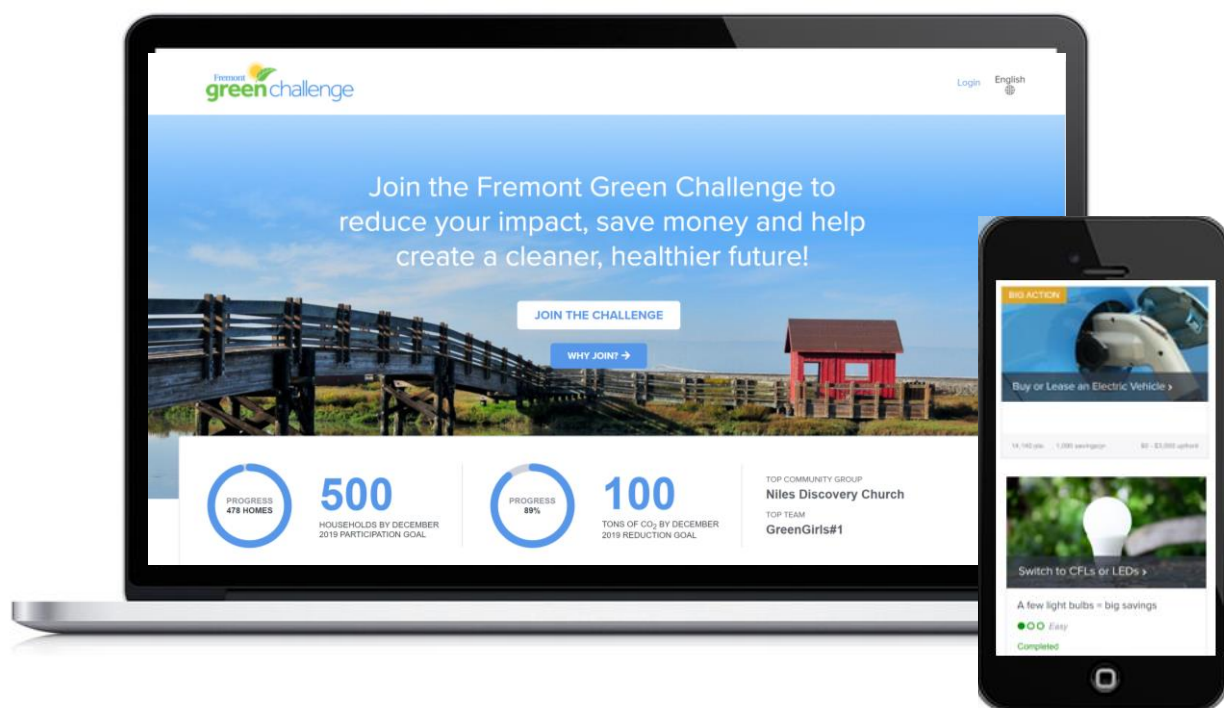
James Keene
Former City Manager, Palo Alto, CA

COMMUNITY CLIMATE SOLUTIONS

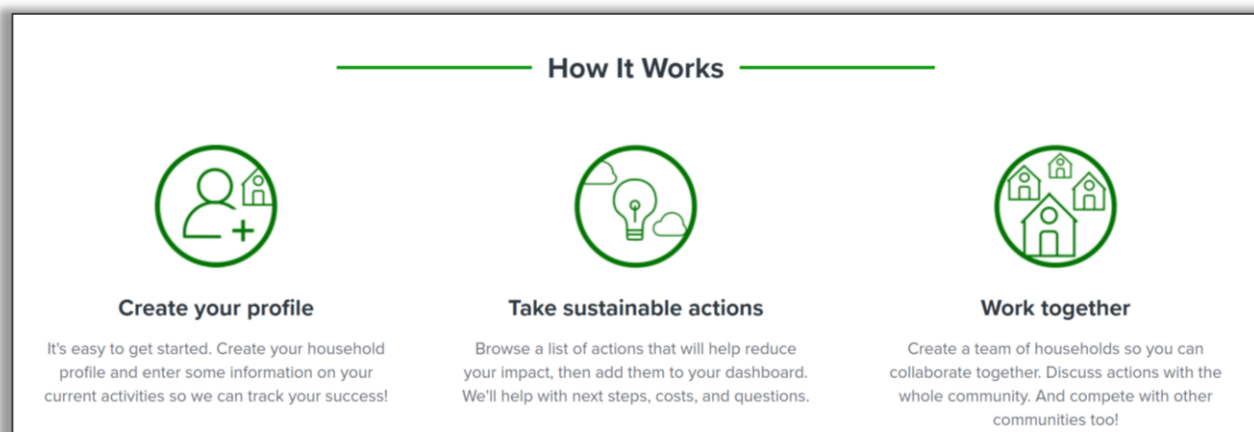
Community engagement on climate solutions

Platform Features

Custom local branding and messaging, works like an app on smart phones



Making Climate Solutions Accessible, Easy & Fun



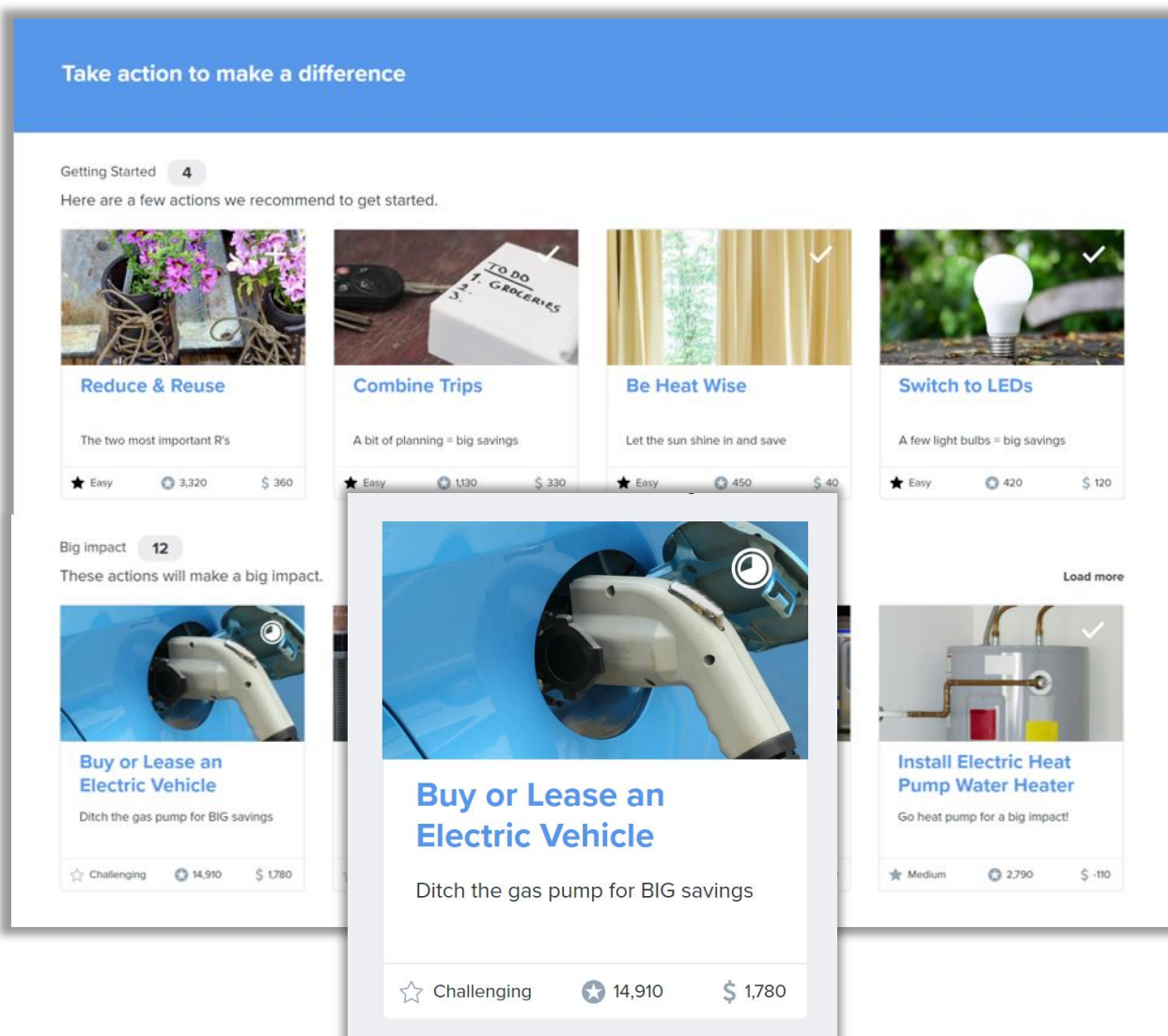
COMMUNITY CLIMATE SOLUTIONS

Community engagement on climate solutions

Robust Information on Actions

The platform includes just over 70 actions in the categories of Energy Efficiency, Home Energy, Transportation, Food & Waste, Water and Community actions.

Users have an opportunity to complete an Energy Profile, then for each action, we provide users custom estimates on savings and impact based on their household information and local data metrics including local energy pricing and climate data. Each action has a full page of information with step-by-step guides, tips and resources like rebates and financing options.

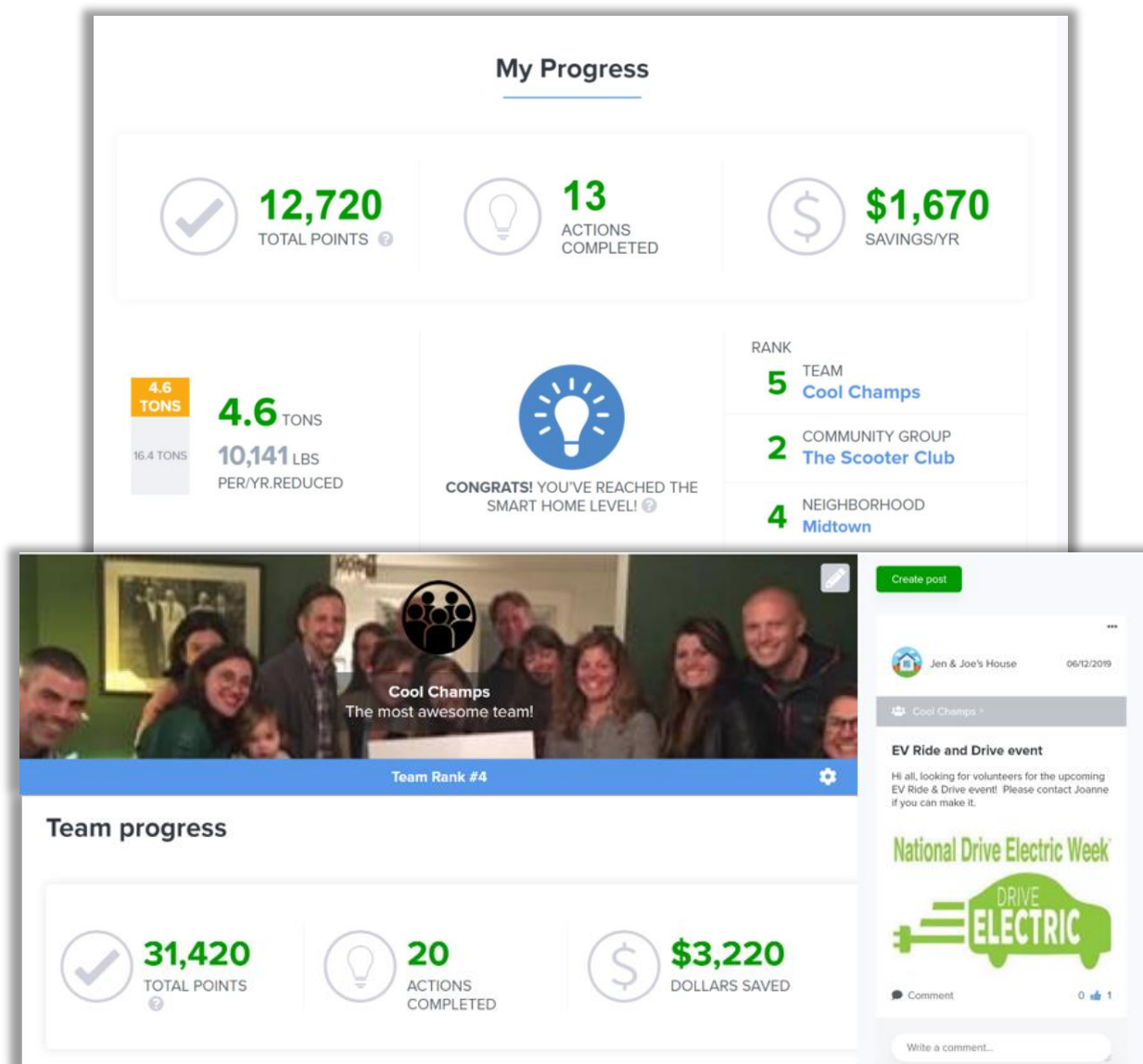


COMMUNITY CLIMATE SOLUTIONS

Community engagement on climate solutions

Tracking Progress & Working Together

We help users track progress from actions with instant feedback on how much they will save and lower their impact from taking actions. We also connect users to work together in small teams or larger groups (schools, faith communities, etc.). Each team or group has a custom page to work together, share and help each other succeed. We encourage teams to get together in person once or twice a year and talk about actions and build community resilience.



COMMUNITY CLIMATE SOLUTIONS

Community engagement on climate solutions

Motivating & Inspiring Action, Celebrating Success

We track progress for teams, community groups and neighborhoods/cities. We also track progress across cities at the national level to inspire and motivate action. We encourage users to share and celebrate success and recommendations on community wide celebrations and events.



Community Leaderboard			Team Leaderboard			Neighborhood Leaderboard		
1		CT						
2		Floaters						

