



APPENDIX A

Community Engagement Summary.



IRVINE



CLIMATE ACTION AND ADAPTATION PLAN

Since 2021, the City of Irvine has been engaging with the community on the Climate Action and Adaptation Plan (CAAP). Over the course of this extensive outreach phase, City staff has used a wide range of strategies and outlets to promote the CAAP.

Direct Outreach			Indirect Outreach		
3,818 community members directly engaged			132,799 community members reached indirectly		
28 workshops & presentations	326 feedback votes at workshops	570 attendees at public events	62 social media posts	93,938 individuals reached	2,436 engagements on posts
survey recieved 3,298 views online	respondents gave 8,854 comments & opinions		3,077 visits to CAAP webpages		
3 internal stakeholder meetings	5 sector-based external stakeholder meetings	150 HOA groups contacted	8 CAAP emails sent	26,585 CAAP email recipients	27 clicks on CAAP content

Visit cityofirvine.org/climate to learn more.

Community Engagement Summary

Prepared by City of Irvine Staff

April 2025

Introduction

The City of Irvine has been developing the Climate Action and Adaptation Plan (CAAP) over the course of nearly two and a half years. A significant part of the development of Irvine's CAAP has been public outreach. Public opinion is a critical part of a City's Climate Action Plan, and can greatly impact the decisions, actions, and goals that a city may want to take. Including Irvine's diverse set of stakeholders in the CAAP development will ensure an equitable development process that supports Irvine from the very root of the community. The City of Irvine has made a concerted effort to reach out to the public in as many ways as possible. This outreach has consisted of CAAP presentations, publicly accessible surveys, and other in-person, online, media and events.

Direct Outreach

CAAP Workshops

City of Irvine staff held two in-person public workshops on draft CAAP measures. At these meetings, posterboards outlined all draft measures per emissions category. Members of the public were able to vote and provide feedback on each individual measure via colored stickers and comments cards. There was a total of 326 votes collected using this method. The measure with the most total votes was Measure SW-1.1-3.1 which follows as "Reduce waste generation and increase the diversion of waste from landfills, diverting 80% of all waste by 2030 and 90% by 2045." This measure had a total of 87 votes across the associated actions. The most voted on action had 19 votes in support of adopting an ordinance banning the use and distribution of polystyrene-foam and single-use plastics; an action that the City is currently working towards.

Energy Efficiency and Electrification

- Facilitate energy audits for existing buildings to identify energy efficiency retrofit and electrification opportunities.
- Retrofit existing buildings to improve energy efficiency and facilitate fuel switching.
- Reduce plug loads in existing buildings to reduce energy use of household and office equipment.
- Establish community and statewide partnerships to expand assistance to residents navigating home decarbonization retrofits.

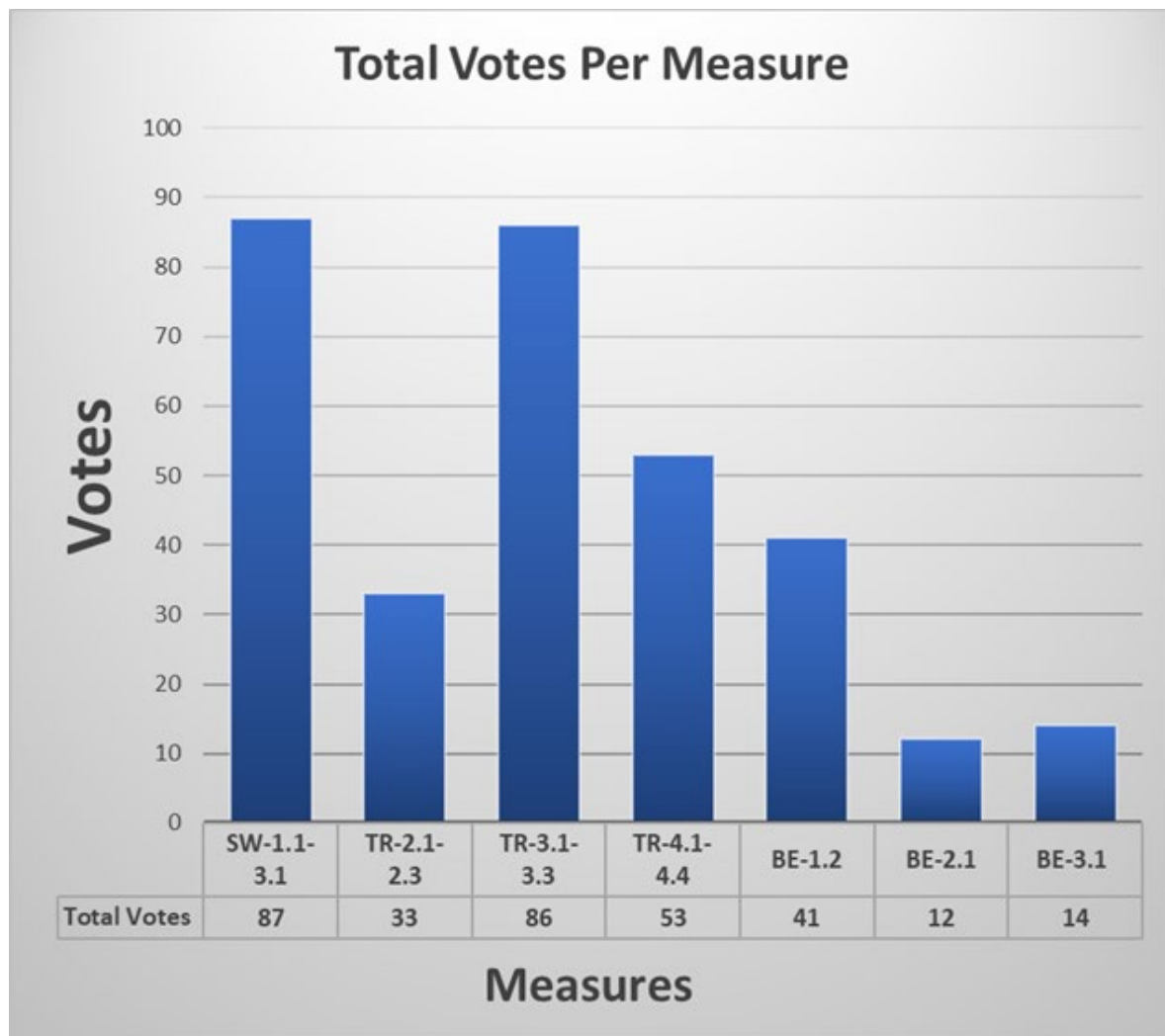
Low Carbon Development

- Eliminate the use of natural gas in new developments.
- Implement and enforce Green Building Standards and REACH building codes that are more stringent than statewide codes.
- Require smart grid technologies for more efficient transmission of electricity.
- Facilitate net zero energy projects using a combination of energy efficiency and renewable energy.
- Reduce high-global warming potential (GWP) refrigerants in air conditioning and heat pumps.

Handwritten Notes:

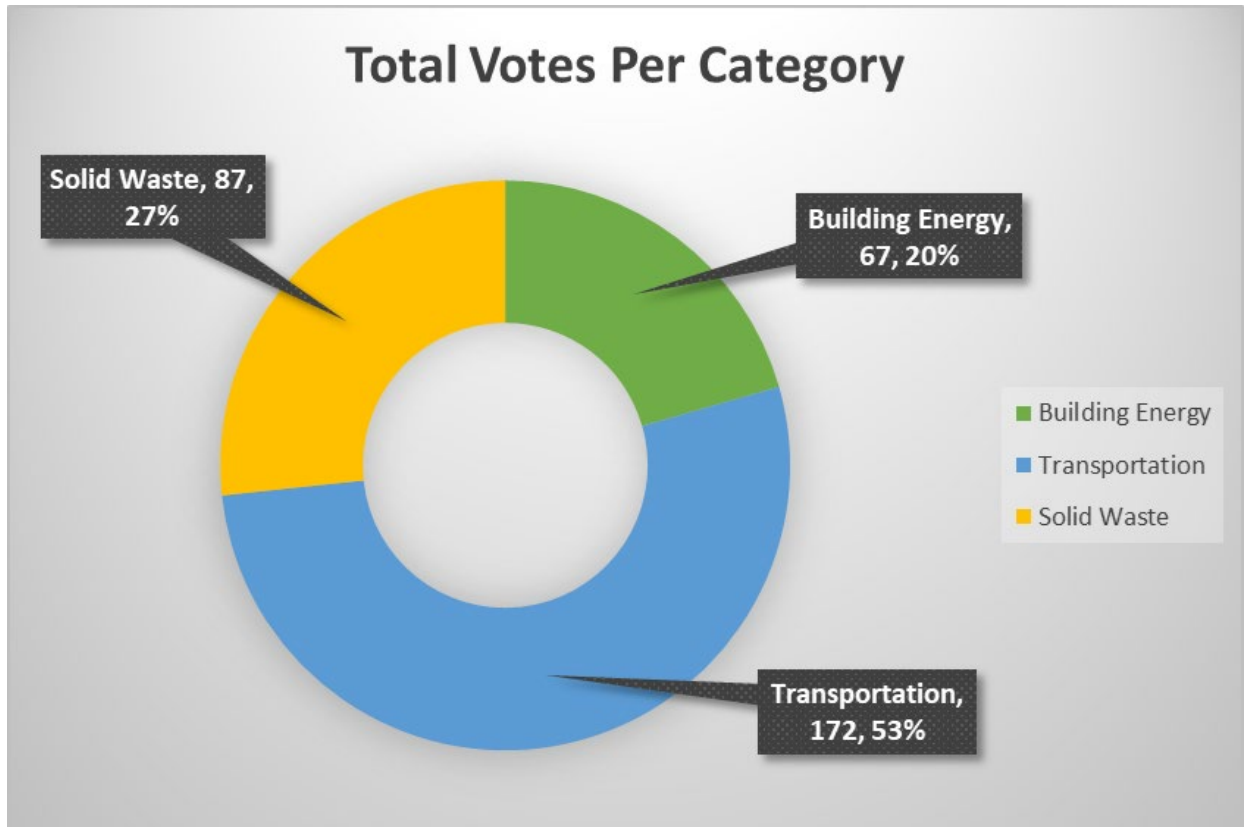
- Energy Efficiency and Electrification:**
 - "Lower moisture levels means less heating demand and better overall energy performance (water - water issues)"
 - "Run PUE, measure cooling & heating demands, take care of it as part of design process?"
- Low Carbon Development:**
 - "Electrify others are great! Encourage electrification through market-based tools"
 - "Strongly support clean transition"
 - "Everyone talks about a carbon-free electric grid, but how do you get there? The goal is to get there"
 - "Hydrogen: Induction stoves use lots of clean power"
 - "Someone told me California had a requirement for new construction to have energy-efficient appliances. Is that right?"
 - "From GWS to meet carbon neutrality ASHP!"

The measure with the second highest number of total votes was Measure TR-3.1-3.3 which follows as “Enhance and expand transit lines and infrastructure, reducing vehicle miles traveled (VMT) by 7.5% by 2030 and by 15% by 2045.” This measure received 86 total votes. The most overall voted actions were related to expanding public transit connectivity Transportation- related measures also received the most comments from members of the public when engaging with the CAAP.



Public Workshop Vote Results

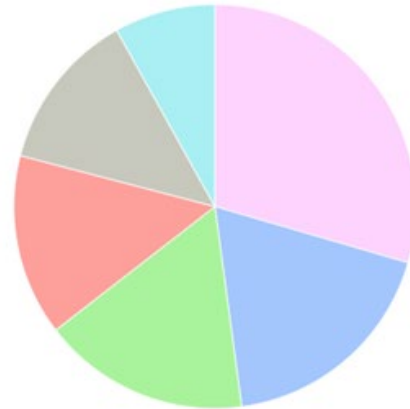
To summarize, the public provided the most supportive feedback on Transportation and Solid Waste measures. Transportation measures accounted for 53% of the votes from the public at both workshops. Solid Waste accounted for 27% of the votes. Building Energy measures accounted for 20% of the votes.



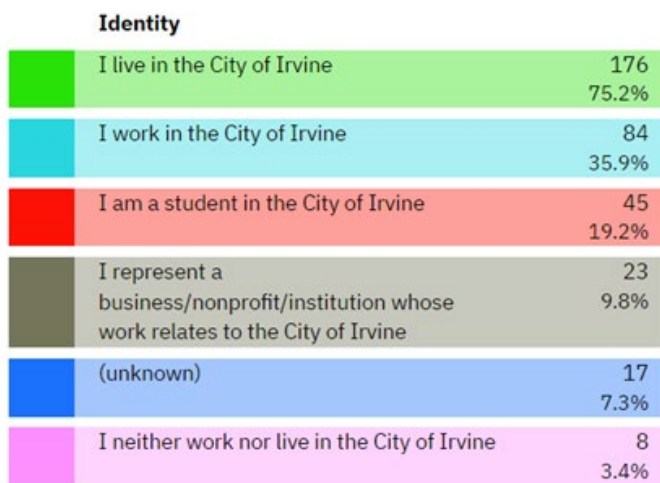
Public Workshop Votes Summary

Consider.it Survey Results

The City also launched an online survey listing all the draft measures and actions in the CAAP. This survey produced the largest sum of feedback from all of the City's outreach. The survey was translated into the City's eight threshold languages, including Simplified Chinese, Traditional Chinese, Arabic, Vietnamese, Japanese, Korean, and Spanish. The survey was created in order to provide a space where the public can freely view, comment, and support the proposed measures and actions that were proposed in the CAAP. This survey was open throughout the 2023 calendar year and garnered 3,298 views and 8,854 total opinions from more than 230 unique registered users.



* This attribute is multi-valued. Some participants are counted in multiple categories.



Consider.it Survey Responses by Age and Identity

In addition to registering opinions, the survey also allowed for unique comments and suggestions from the community to be posed, and for others to vote and comment on the community proposals.



Implement fees for parking in high-traffic areas.

1/6/2023 108 opinions 8 pros & cons

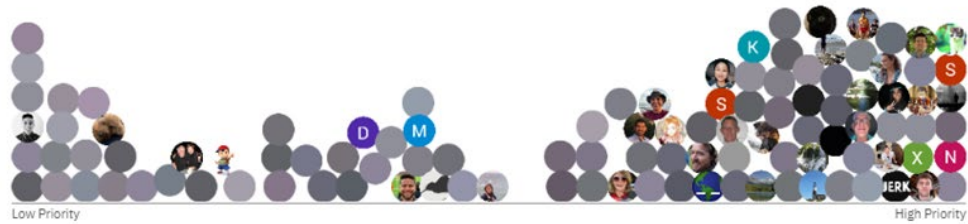
Closed to new contributions.

Opinions about this Measure

All opinions

Just you

Custom view



Top Cons

- This would only work if people have an alternative way of getting to their destination. Otherwise people just get mad.
2/11/2023 1 comment
- Irvine should not have a downtown Los Angeles vibe with paid parking meters.
3/15/2023 0 comments
- Without adequate public transit infrastructure, I worry this would disproportionately penalize lower-income residents while failing to provide a practical alternative to driving. [\(read more\)](#)
3/26/2023 1 comment
- Regressive taxation. The elite will simply increase their tax subsidies with more write offs and buy more jets and helicopters...

Top Pros

- Land used for parking is valuable. Parking fees acknowledge the value of this land that could be otherwise used for housing or commercial.
2/21/2023 0 comments
- <https://parkade.com/post/donald-shoup-the-high-cost-of-free-parking-summarized> [\(read more\)](#)
2/28/2023 0 comments
- Violations should be on an increasing scale in a given period. \$20 first offense, add \$40 for subsequent offense in a 6 month period.
2/21/2023 0 comments
- Why are we not putting up public power over all the parking areas now!
3/27/2023 0 comments

Consider.it Survey Opinions – Implement Fees for Parking in High Traffic Areas



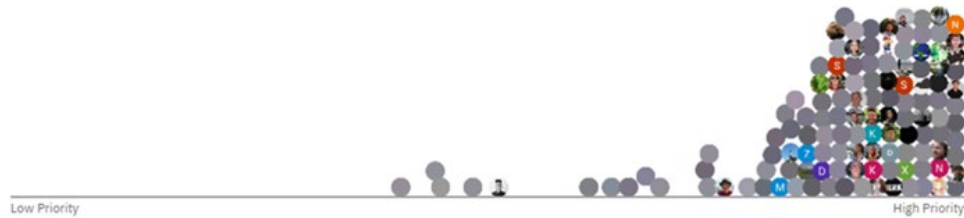
Develop more protected bikeways.

1/6/2023 124 opinions 10 pros & cons

Closed to new contributions.

Opinions about this Measure

All opinions Just you Custom view



Top Cons



While this is an admirable goal, the impact is likely minimal. However, relative to safe bikeways to school, this could have a positive impact on reducing auto traffic.

1/17/2023 2 comments

Top Pros

Creating an effective grid network could be a game changer for biking in Irvine. Creating a safe network that incorporates schools, residences, and job sites is crucial.

2/21/2023 0 comments

Safety is crucial. Concerns about safety prevents a lot of people from biking

2/21/2023 0 comments



Consider.it Survey Opinions – Develop More Protected Bikeways

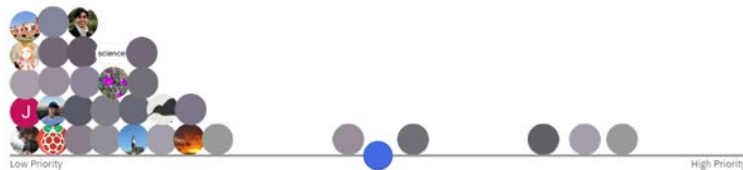


Consider deployment of ZEV shuttles to provide on-demand service.

6/28/2023 33 opinions 0 pros & cons Give your Opinion

Opinions about this Action

All opinions Just you Custom view



Give your Opinion

Top Cons

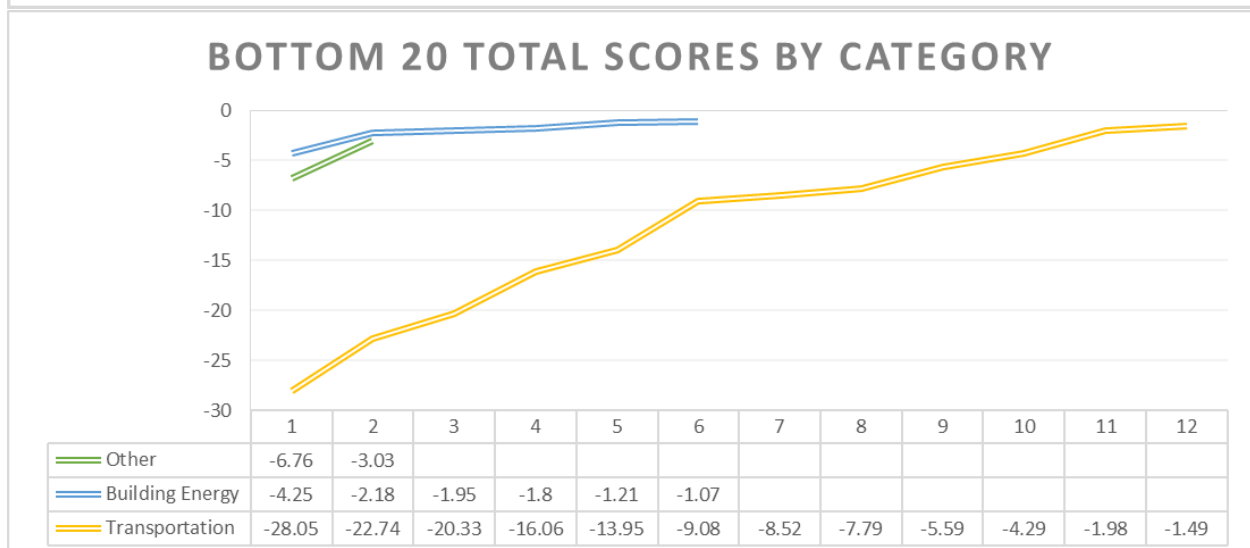
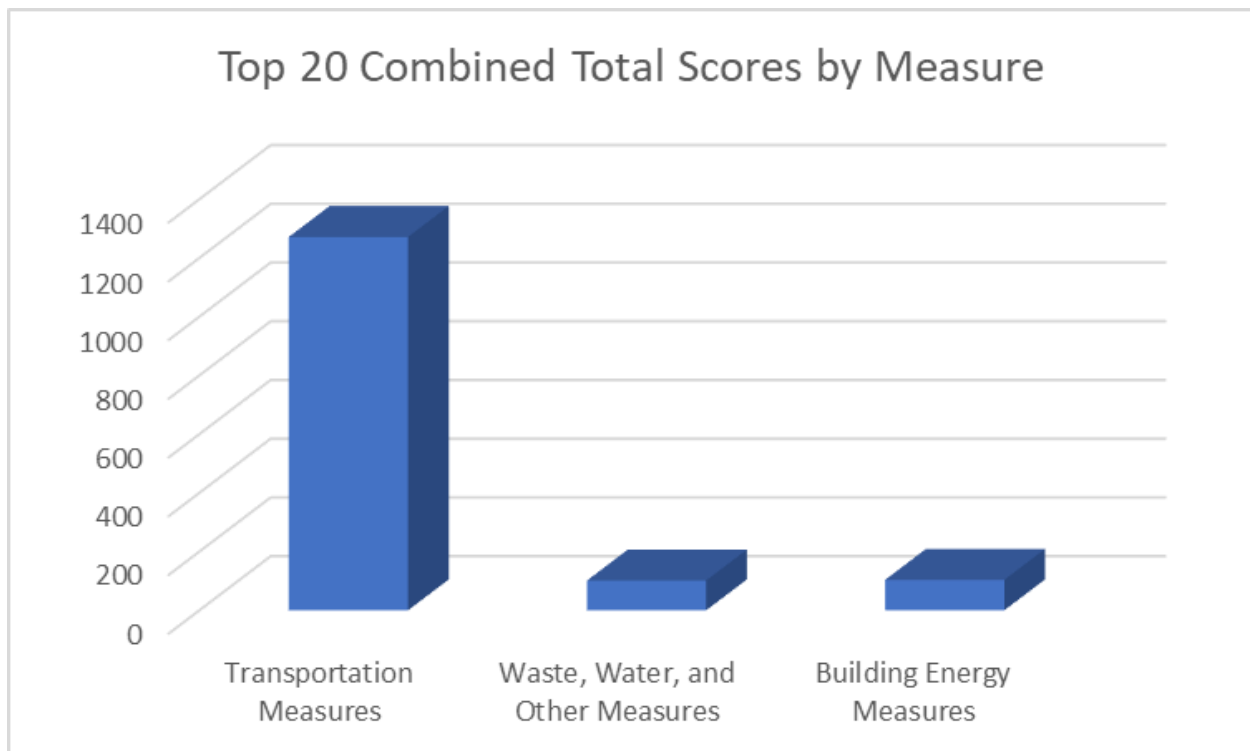
Be the first to add a con

Top Pros

Be the first to add a pro

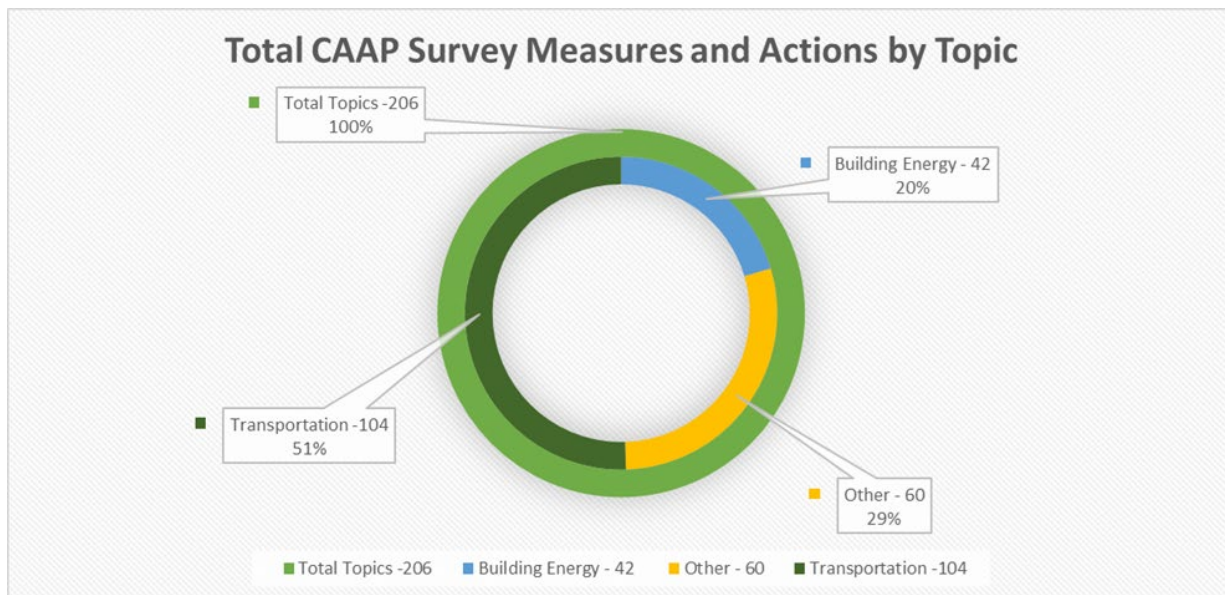
Consider.it Survey Opinions – Consider Deployment of ZEV Shuttles

Out of the top 20 measures with the highest Total Scores, 16 of them were in the Transportation category. What this means is that the community engaged primarily in transportation measures, and also rated these measures with a high degree of priority. The top 3 highest Total Score proposals were specifically related to Active Transportation with the highest Total Score of 108 in support of the measure “Develop more protected bikeways” with the second highest Total Score being 104 for “expanding bicycle and walking options”, and the third highest being 102 for “safer and more accessible pedestrian infrastructure”.



Consider.it Survey - Measures Scores by Category

With responses to over 200 proposed measures and actions, there were some noteworthy trends. In terms of Building Energy, the public supported energy retrofit opportunities for current buildings as well as incentivizing the use of renewable energy sources in new constructions. For Waste, Water, and Other topics, the public supported an increase in recycled water in addition to incorporating more drought tolerant landscapes utilizing native vegetation. However, the public was by far the most engaged with Transportation topics. The Transportation topics that received the most attention were related to making safer and more accessible bike and pedestrian infrastructure, connected to useful locations.



Consider.it Survey - Total CAAP Measures and Actions by Topic

Slido CAAP Responses

Another method of outreach that City Staff utilized was an active poll and word cloud exercise used in virtual and in-person presentations. This poll populates responses and displays them in real time for the audience to see. This method was meant not only to collect direct public comments, but also to spark up a dialogue that encouraged community members to engage with and ask questions. The three questions that were included in the Slido polls were: What is the City of Irvine's biggest climate challenge, What is the City of Irvine's biggest strength in addressing the climate crisis, and What is your vision for a Climate-Smart Irvine. The answers were displayed as a word cloud, where the same response would grow in proportion to the amount of support from members of the audience. Due to the nature of these broad questions, the answers varied significantly. Below are a few examples of these kinds of word clouds, and the various responses that were given.

Wordcloud poll

What is the City of Irvine's biggest climate challenge?

016

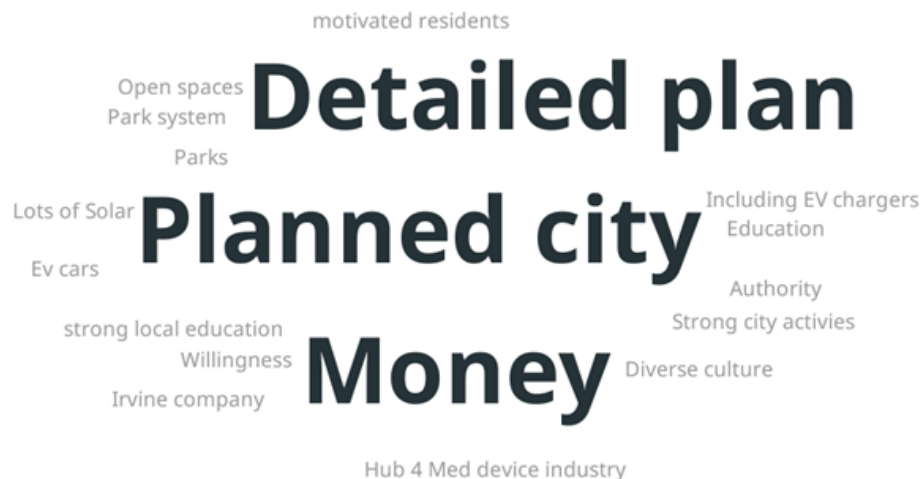


Slido Responses Wordcloud – What is the City of Irvine's biggest climate challenge?

Wordcloud poll

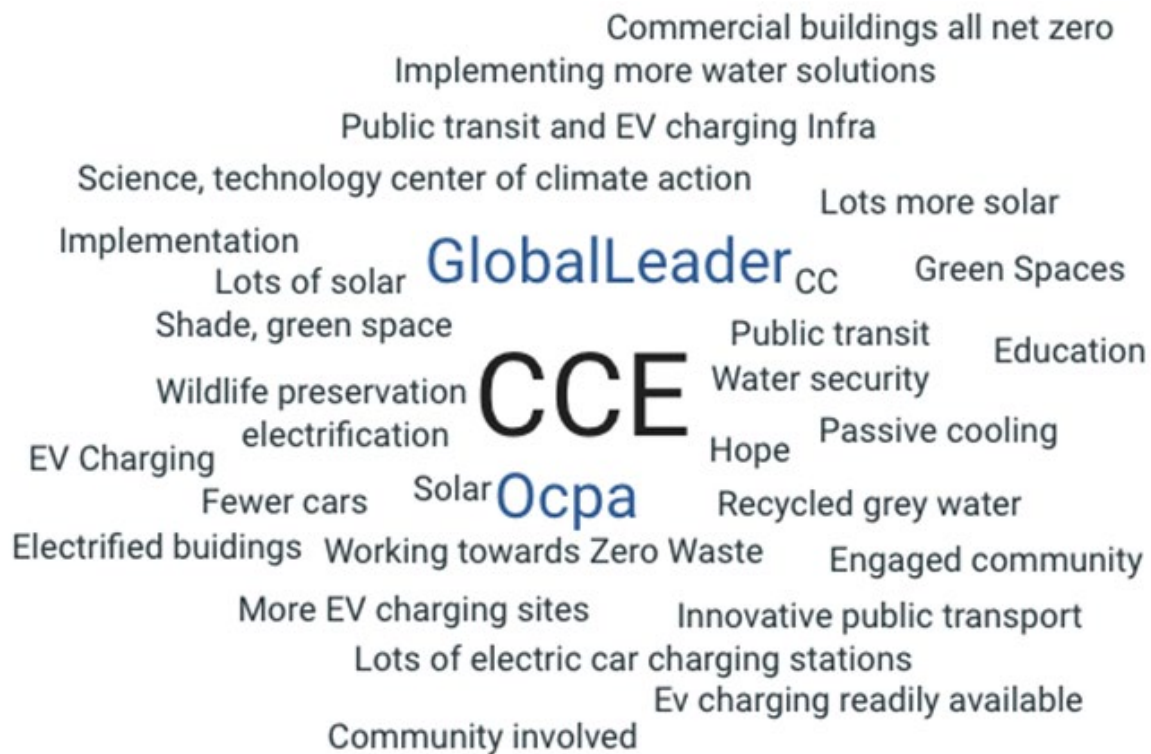
What is the City of Irvine's biggest strength in addressing the climate crisis?

017



Slido Responses Wordcloud – What is the City of Irvine's biggest strength in addressing climate crisis?

What is your vision for a Climate-Smart Irvine?



Slido Responses Wordcloud – What is your vision for a Climate-Smart Irvine?

Indirect Outreach

Apart from direct in-person and virtual engagement, City Staff attempted to reach all Irvine residents through indirect methods such as social media posts, email blasts, and tabling at community events. Through these broader efforts, the City reached over 190,000 community members.