

2017 Climate Action Plan Implementation Update

Climate Change
Working Group

11/28/18



Department of Economic
Development

Office of Sustainability
Conservation Section

CCWG Background

Previously met in:
2008 – Mitigation
2011 – Adaptation
2014 – Mitigation
Update

Formed by City Council as
a working group of the
Sustainability Commission

Residents

Edward Legaspi – Chair (SSC Member)

Vianney Ruvalcaba - Vice-Chair (SSC
Member)

Daniel Zaragoza

CCWG Background

Community Services	New Development	Existing Buildings & Infrastructure	Transportation
Tim McNamara - High Tech High	Nick Lee - Baldwin & Sons (Maria Miller)	Hugo Mora - Mocard Group	Allison Wood – SANDAG (Anna Lowe)
Debbie Discar-Espe - CV Charitable Foundation	Rich D'Ascoli - Pacific SW Assoc. of Realtors (Tracey Morgan Hollingsworth)	Todd Galarneau - CV Chamber of Commerce (Lisa Cohen)	Randy Van Vleck – Bike/Walk Chula Vista (Matt Lowery)

Waste Management	Utilities	Environment
Michael Simonsen - Republic	Eric Drabb – SDG&E (Kimberly Ketron)	Lindsey Hawes - Center for Sustainable Energy (Michael Arvizu)
Len Hering – I Love A Clean SD	Sue Mosburg - Sweetwater Authority (Clay Clifton)	Sophie Wolfram - Climate Action Campaign (Maleeka Marsden)

CCWG Background



2009 and 2012 reach codes



Business Evaluations



Updated grading ordinance

Expanded Outreach



CCWG Background



City Operations Sustainability Plan



2014-2020

CITY OPERATIONS GREEN TEAM

Khasro Aminpour
Public Works - Engineering

Bob Beaman
Public Works - Sustainability

1. ENERGY USE
2. WATER USE
3. GREEN PURCHASING
4. RECYCLING & WASTE MANAGEMENT
5. POLLUTION PREVENTION
6. TRANSPORTATION
7. GREEN BUILDINGS & INFRASTRUCTURE

Updated at: <https://www.chulavistaca.gov/departments/clean/conservation/climate-action-plan>

Background - Roles

Sustainability Commission – CCWG parent commission (Chair and Vice-Chair)

Members (alternates) – quorum (9) required to meet, represent various sectors from community, provide feedback, guidance and ideas. Vote on final recommendations.



Background - Roles

City Staff – Help facilitate CCWG meetings, prepare meeting and CAP documents, implement recommendations.

Public – All CCWG meeting are open and noticed to the public and they are encouraged to provide relevant comments or input to help shape the CCWG recommendations. Public survey and forums have previously been held.

If anyone would like to be added to the email distribution list let staff know or email: Conservation@chulavistaca.gov

Meeting Objectives

Update community
on progress

Guide and assist
implementation

Gather new ideas
for update for 2020

Hold quarterly meetings in
2019

- 2 meetings to review possible new 2020 ideas (short term)
- 1 public forum
- 1 meeting to vote on recommendations

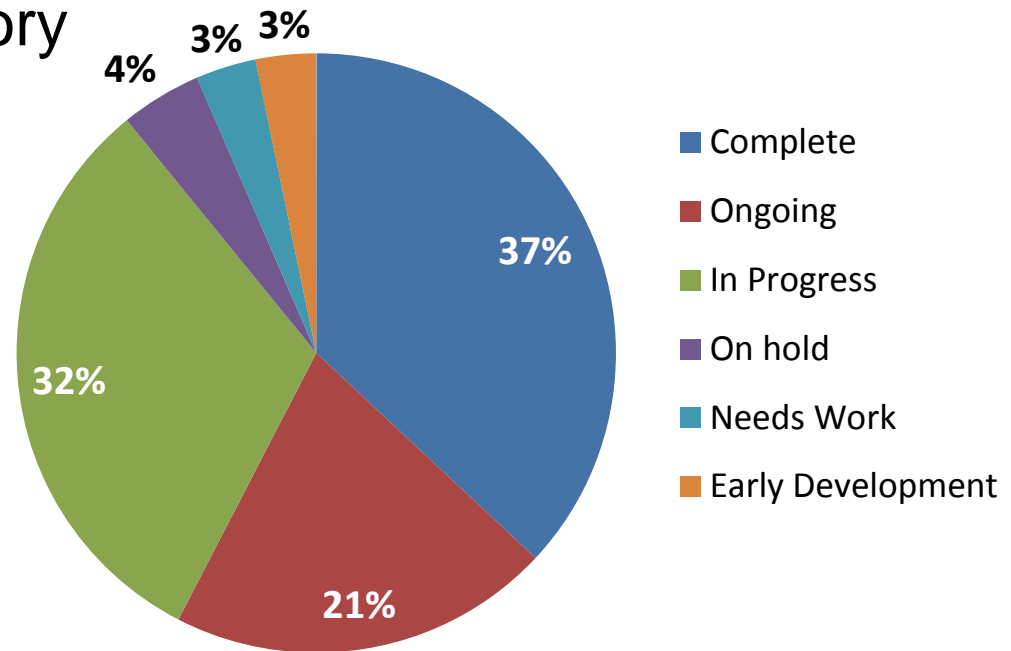


2017 CAP Update

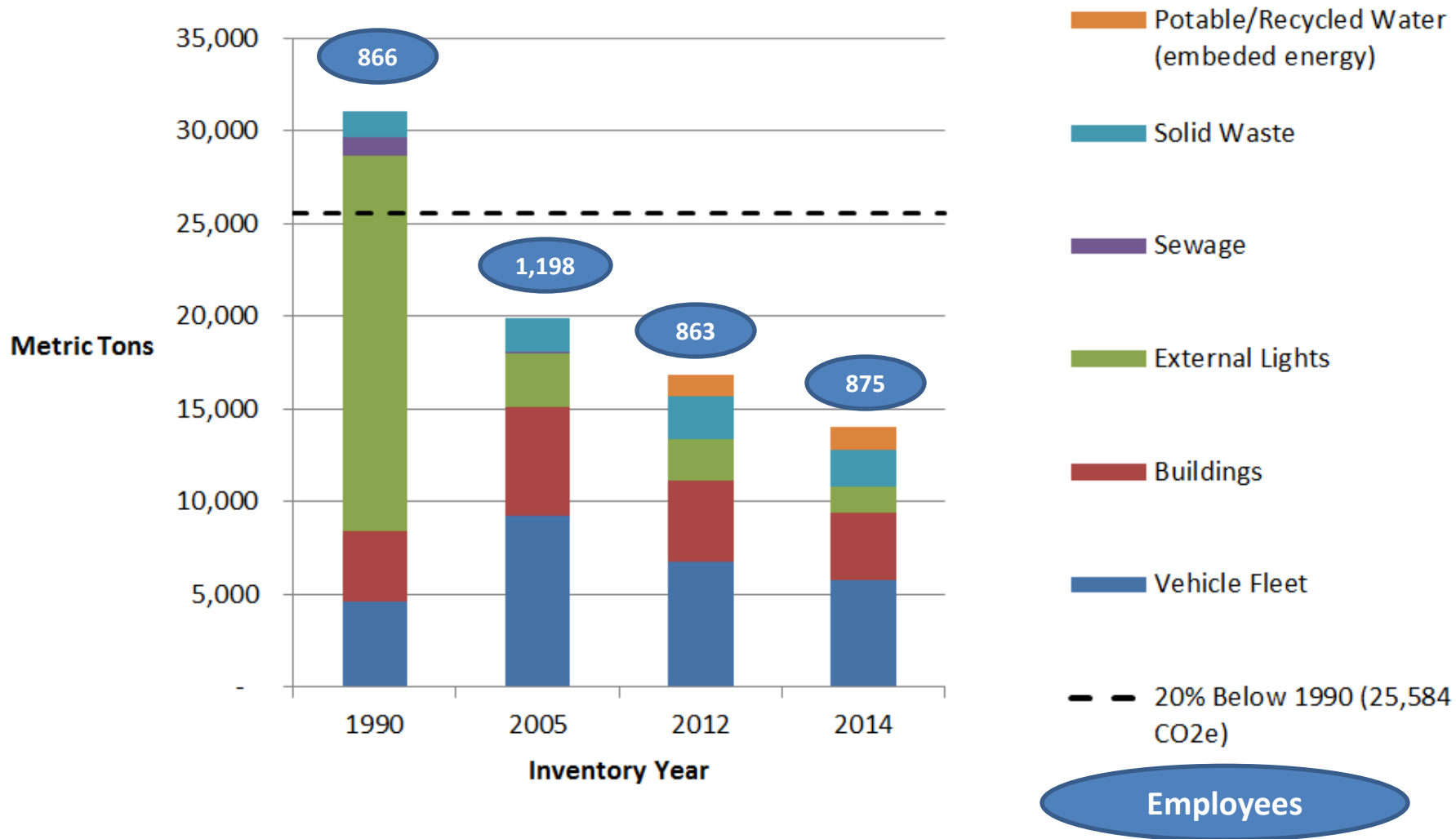
- Municipal GHG Inventory
- Municipal Actions
- Community GHG Inventory
- Community Actions

– Total 92 actions

- Complete and ongoing 58%



Municipal Emissions



Municipal Actions

55%
reduction
since 1990

16%
reduction
since 2012

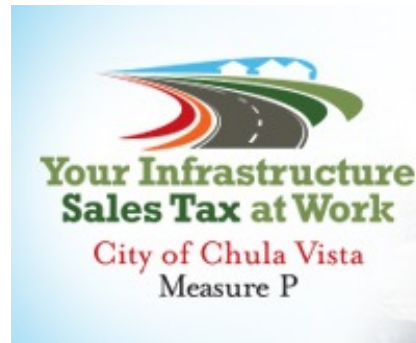
Leading Emissions Reductions

Building energy – 16% below 2005 peak

Energy Efficiency



Cleaner Energy



Municipal Actions

55%
reduction
since 1990

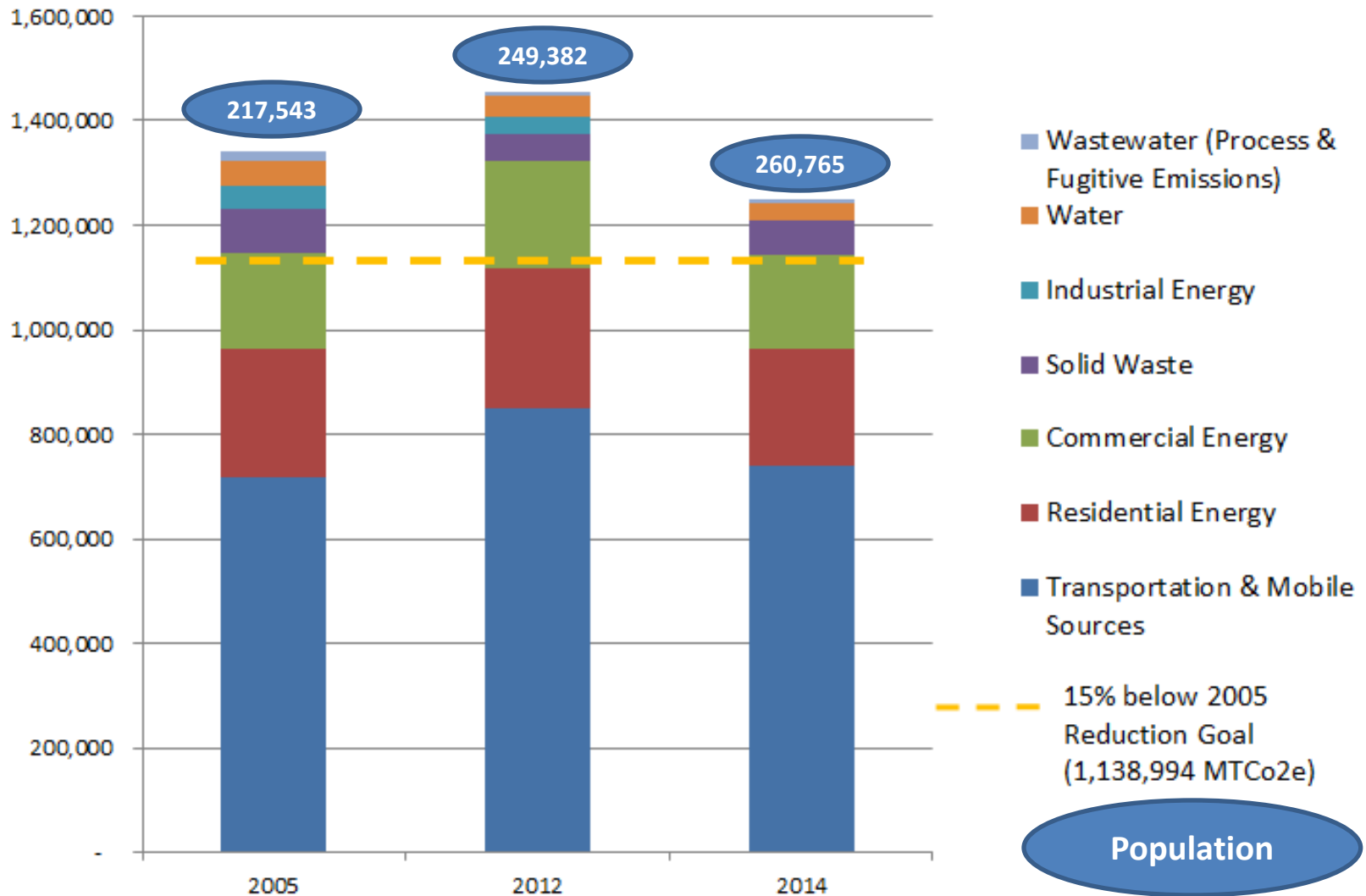
16%
reduction
since 2012

Leading Emissions Reductions

- Fleet – 15% below 2005



Community Emissions



Water

Action Spotlight:

- NatureScape Update – New trainings, potential shift to self certification, promote drought tolerant landscaping
- Parks irrigation upgrades – in progress, over 2000 components upgraded, volunteer assistance
- Landscape Ordinance Update – New ordinance adopted in 2015

In Progress:

- Create outdoor signage at City facilities
- Require water-savings retrofits
- Develop permitting and promotional guides for water re-use

Waste Reduction

Action Spotlight:

- Zero Waste events – South Bay Earth Day, Employee BBQ, working to expand to other events
- Organics collection Phase 1 – Expanded commercial collection

In Progress:

- Present Zero Waste Policy to City Council
- Zero waste business certificates
- Organic management policy



Energy

Action Spotlight:

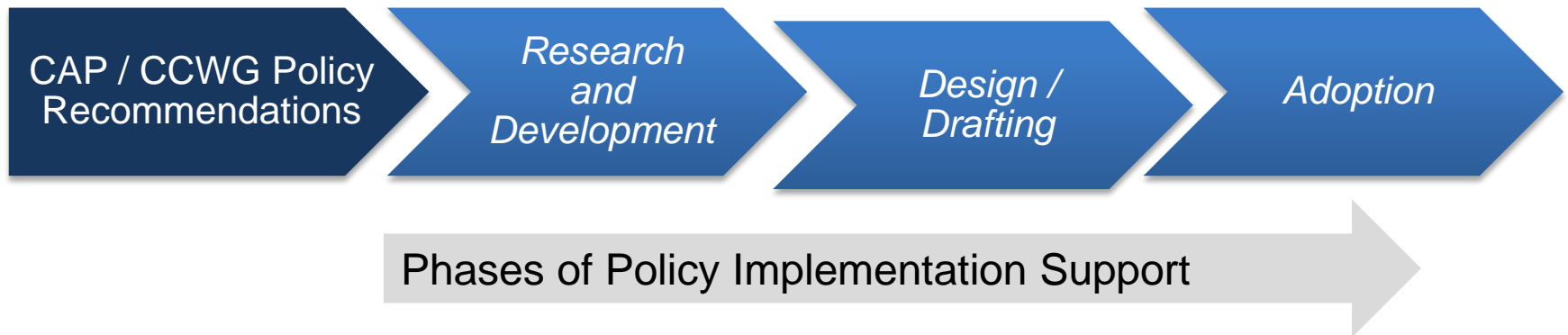
- LED Ordinance
- CCA Feasibility Study RFP
- Residential PV Requirement



In Progress:

- Require energy efficiency updates in existing buildings (deep dive)
- Require solar on commercial buildings
- Update permit counter
- Urban forestry management plan

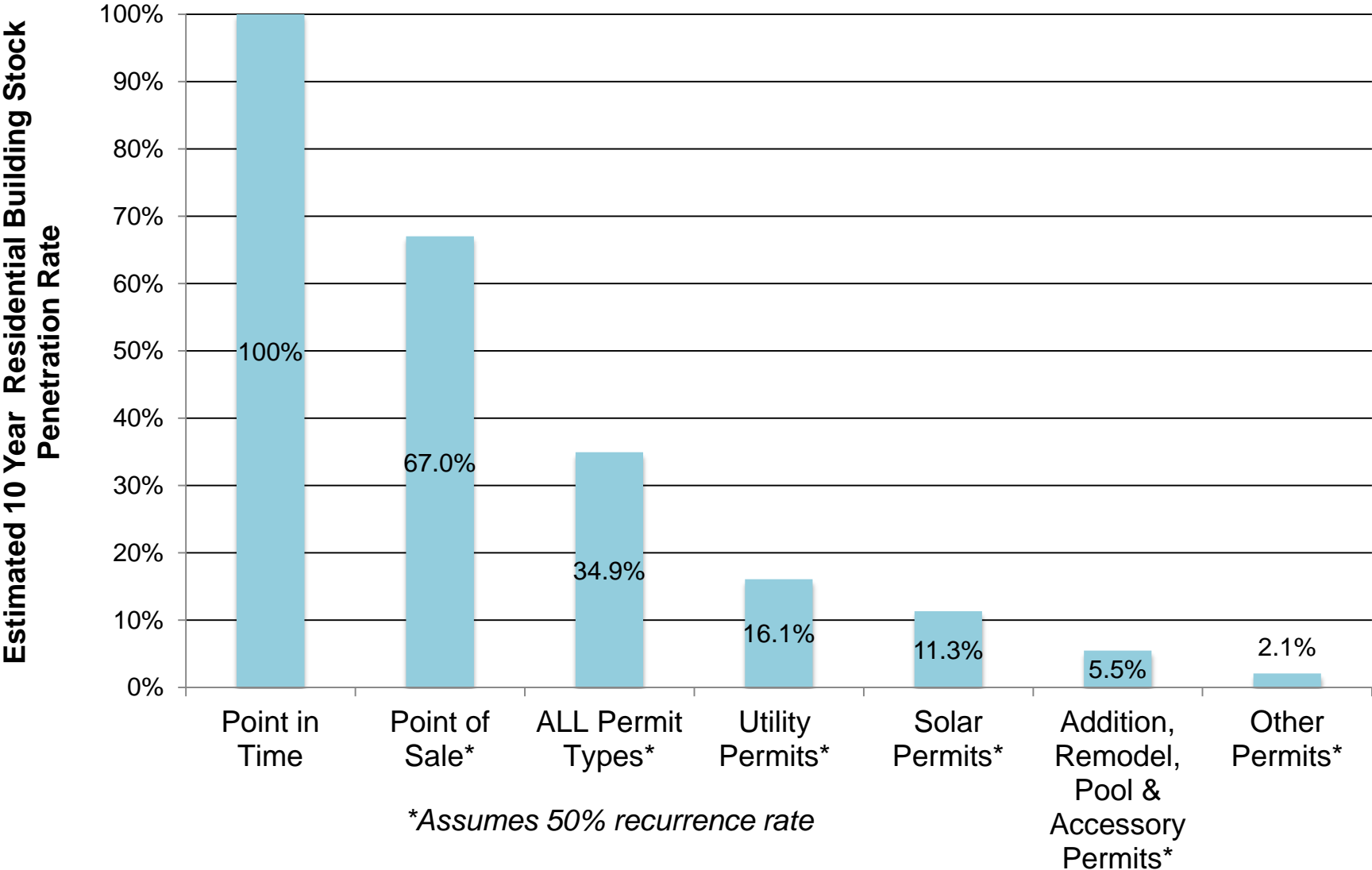
CCWG Energy Policy Implementation Support



CCWG Energy policy recommendations currently being supported:

- Building Energy Performance Disclosure
- Green Leases
- Requiring Energy Retrofits in Existing Buildings

Residential Building Policy – Trigger Comparison



Transportation

Action Spotlight:

- South Bay Bus Rapid Transit - Limited service now, full service in early 2019
- City Fleet and Staff EV chargers installed
- Transportation Demand Management Study with SANDAG

In Progress:

- Urban Core Specific Plan – Working with MTS to send out RFP, demolition of old corp. yard expected Q1 2019.
- Combine the Bikeway/Pedestrian Master Plan – Public workshop in January
- Bike/Scooter sharing ordinance in Jan.



Outreach

Working with contractor to create CAP outreach website

- Allow residents to create profile
- Learn about actions they want to take
 - Basic information, local resource, community feedback
- Get points for taking action
- Create community action groups
- Follow individual and group leaderboard

TEDxChula Vista talk: <https://youtu.be/-fW7tSUVSvk>

Existing example: www.fremontgreenchallenge.org

Outreach



- Network of Mayors from across the nation
- Working on joint EV purchase (estimated 60 EV purchased over next two fiscal years)
- Highlight successful climate actions

Next Steps GHG Inventories

Future Inventories

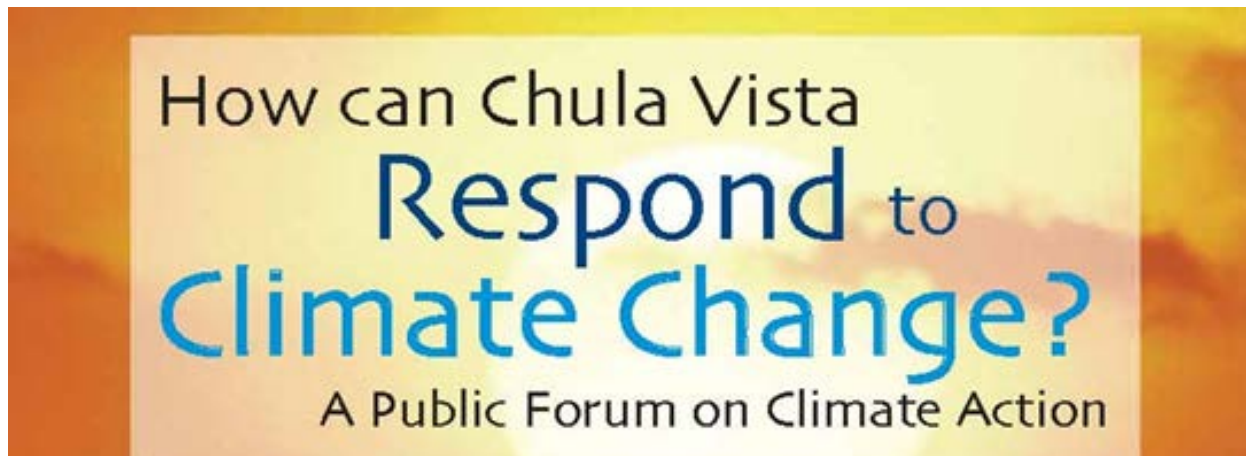
- Utilize third party and Regional Framework for 2016 inventory
 - expected early next year
- Track and confirm GHG reductions not from methodology changes



Next Steps

Climate Change Working Group

- Meeting times and locations? February 20th, 2019?
- Public forum
- Send staff any new ideas or GHG reductions to incorporate into 2019 meetings.



THANK YOU

“Together we can build a world we want, a world we’re proud to leave our children and grandchildren.”

– Ban Ki-moon

Cory Downs

Sustainability Specialist

(619) 476-2442

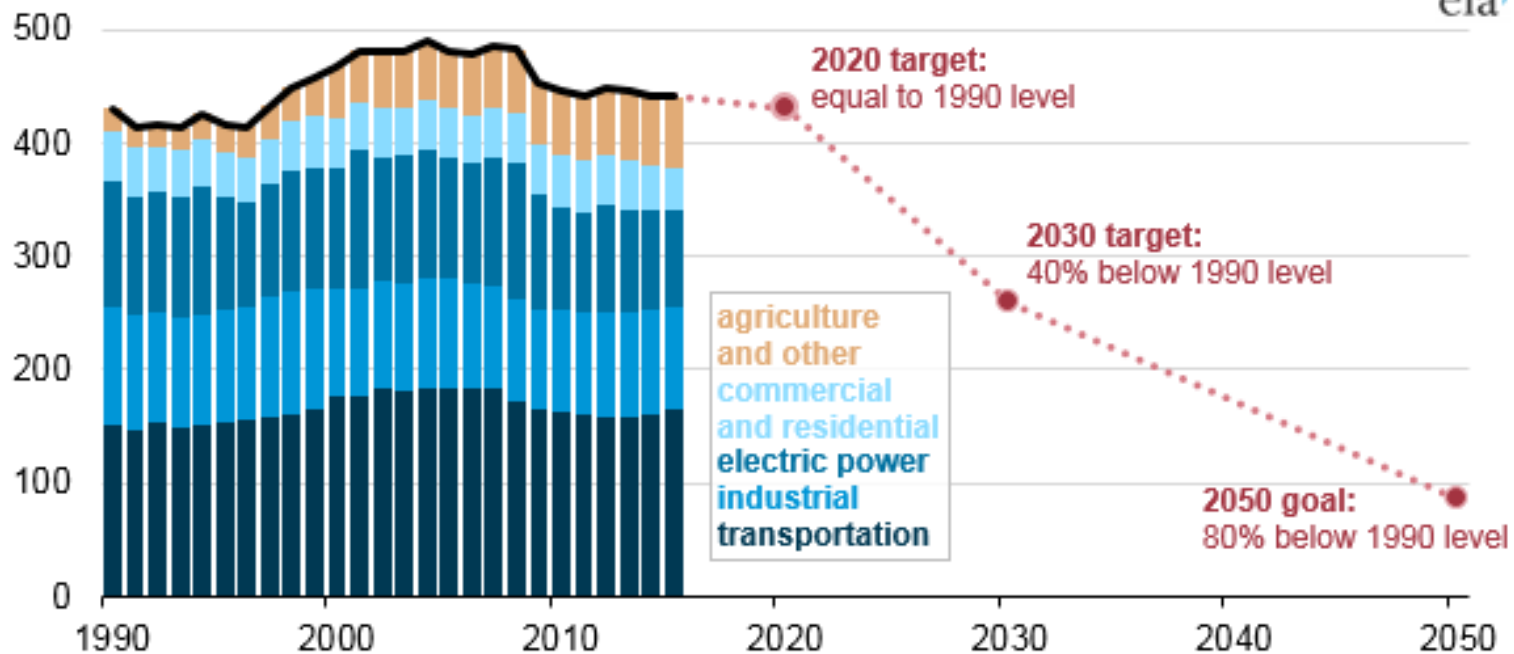
cdowns@chulavistaca.gov



Next Steps – Post 2020

- Maintain compliance with 2030 and 2050 state GHG reduction goals

California greenhouse gas emissions by sector (1990-2015) and targets through 2050
million tons carbon dioxide (CO₂) equivalent



Next Steps – Post 2020

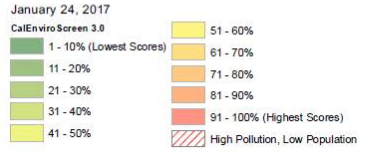
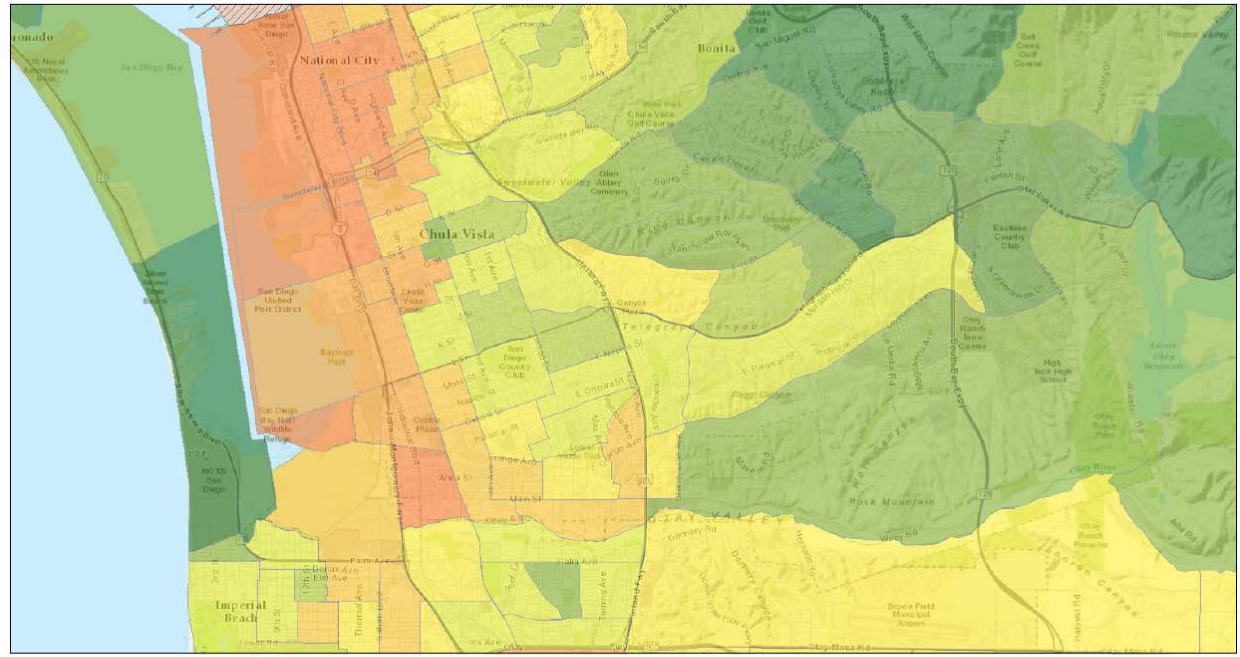


Align with
City
development
and
general
plan
update

Next Steps – Post 2020

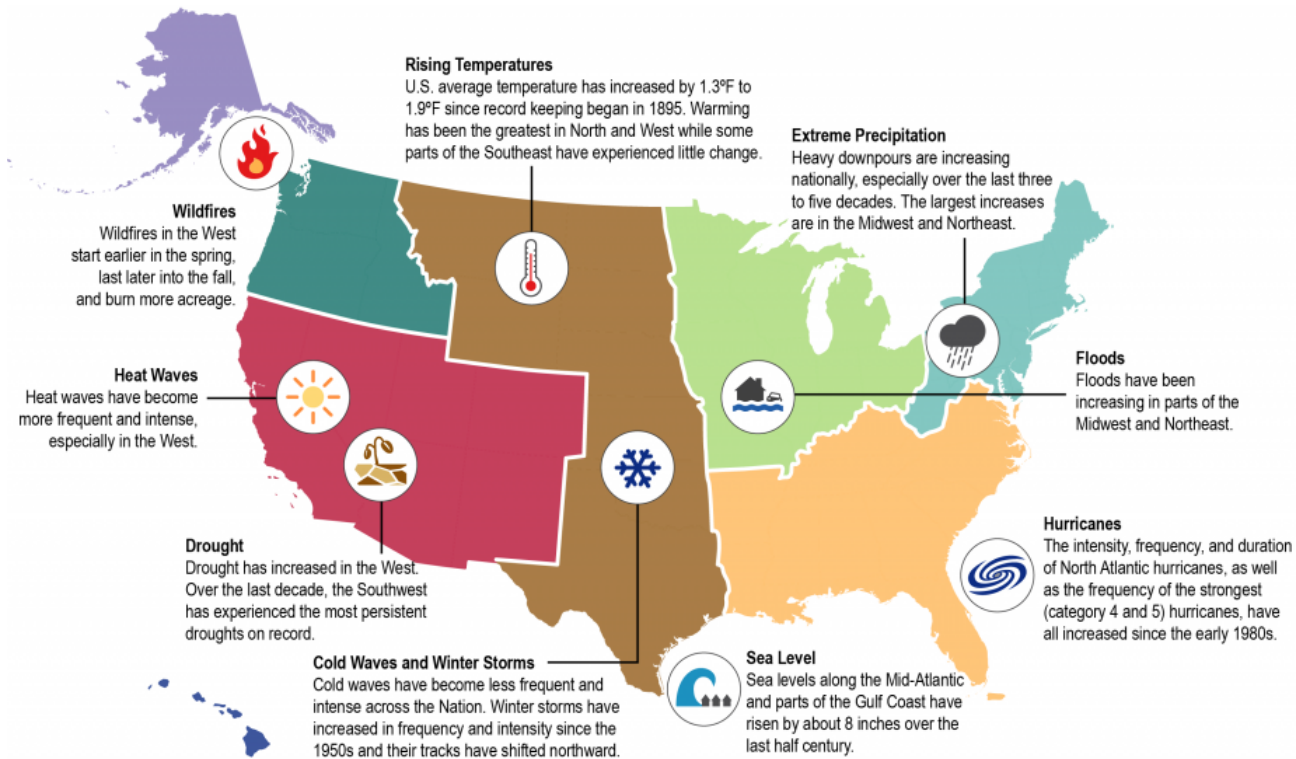
Focus on disadvantaged areas

CalEnviroScreen 3.0 Results



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, © OpenStreetMap contributors, and the GIS

Next Steps – Post 2020



Include on
adaptation

Next Steps – Post 2020

Hold CCWG series in 2020/21 to focus on late 2020, 2030 and 2040 actions



- Provide time for new technologies and program development
- Allow staff to devote more resources to planning vs. implementation