

# MOVING FROM VISION TO ACTION



COLLABORATIVE CONVENING // **APRIL 30, 2019**



# OPENING REMARKS



**SUPERVISOR DON HORSLEY**





DANIELLE LEE, OFFICE OF SUSTAINABILITY



- Foster and build relationships
- Share what we've heard
- Lay out first year plan
- Provide information on pilot project funding
- Support learning and cross-sector connections



# WHAT'S IN YOUR PACKET

- Agenda
- Collaborative First Year Plan
- Climate Adaptation Project Descriptions
- Meeting Evaluation
- Attendees List



# CONNECT AND INSPIRE



Share one inspiring thing you have heard or learned about in the last week.



# CLIMATE COLLABORATIVE LAUNCH FEEDBACK



# WHO WAS IN THE ROOM?

- Staff/Council members from fifteen cities
- Representatives from:
  - North Fair Oaks, Midcoast and Pescadero Community Councils
  - Twenty special districts, local and regional agencies
  - Fifty-five other organizations



# DISCUSSION TOPICS

- Issues/concerns to address
- Successes and efforts underway
- Your vision for the Climate Ready SMC Collaborative
- How we get there



# ISSUE AND CONCERN TOPIC AREAS

Rising  
Temperature  
and Heat

Flood and Sea  
Level Rise

Transportation  
and  
Infrastructure

Wildfire

Natural  
Solutions

Health

Housing

Food Security

Community  
Readiness &  
Equity

Education and  
Youth  
Engagement

Regional  
Collaboration



# COLLABORATIVE PRINCIPLES

- Shared approach to leadership and governance
- Inclusive governance and decision-making
- Whole community approach
- Data driven: best available science
- Balance of dialogue and action



# HOW TO GET THERE

- Define purpose and vision
- Create multiple channels for communication and engagement
- Build capacity and provide resources for partners
- Secure adequate funding and staff



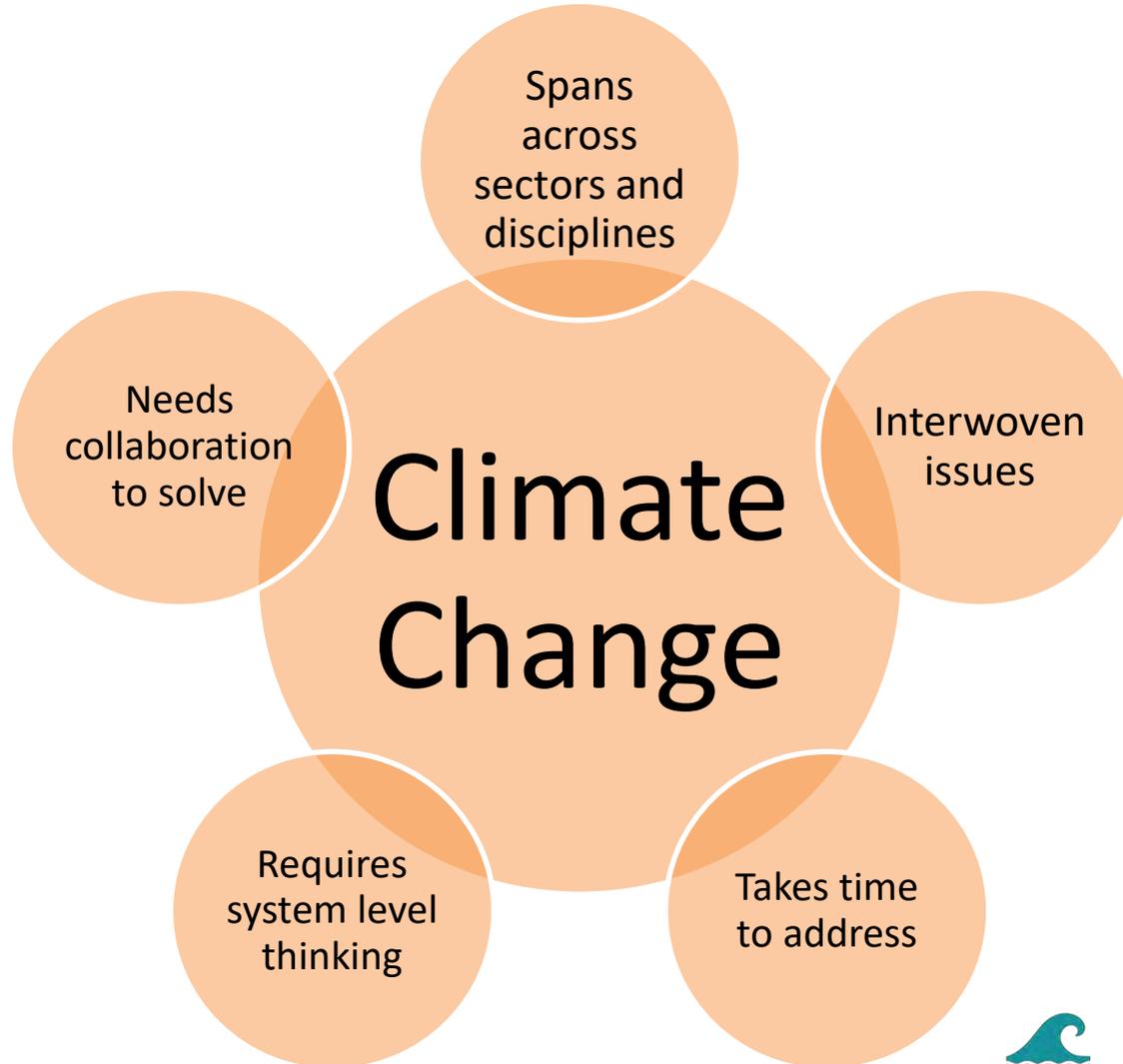
# FIRST YEAR PLAN



MOVING FROM VISION TO ACTION



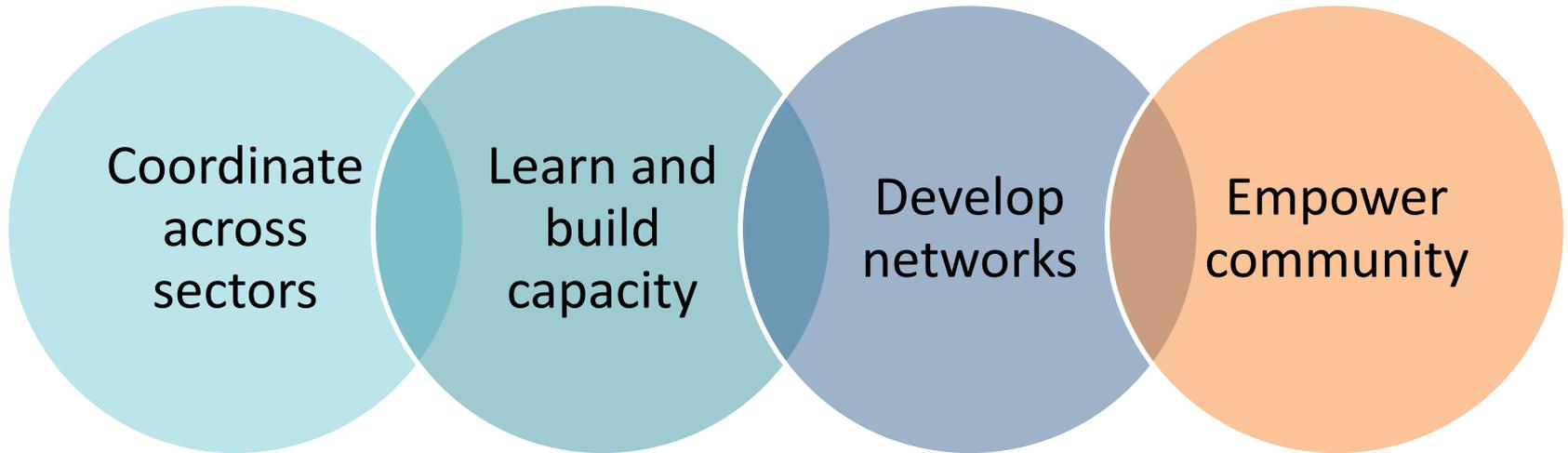
# SOLVING FOR CLIMATE CHANGE



Working together to create and implement solutions to better prepare San Mateo County in the face of changing climate.



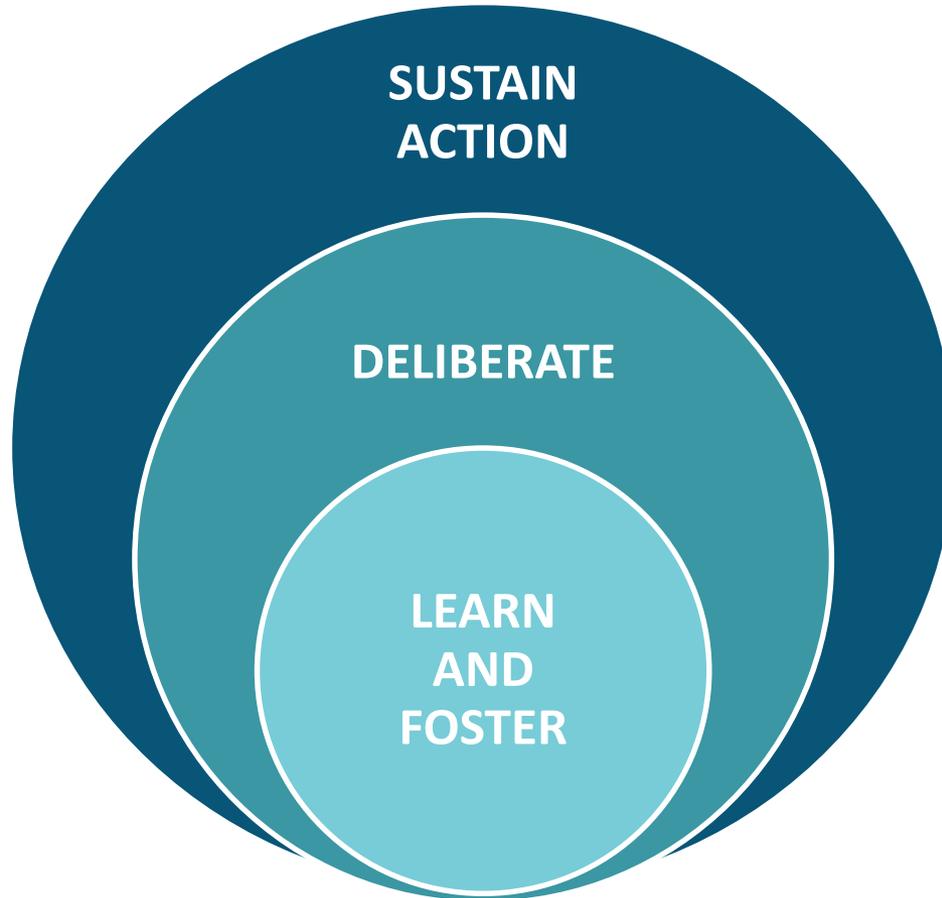
# INCLUSIVE APPROACH



# CROSS-SECTOR MEMBERSHIP



# AN ADAPTIVE COLLABORATIVE



# FIRST YEAR PLAN

## Learn and Foster

Build understanding of climate issues

Cultivate relationships and connections

Coordinate across existing actions

## Deliberate

Provide input on climate vulnerability analysis (SB-1)

Help generate planning toolkits, factsheets and resources (SB-1)

Develop shared vision, purpose and goals

## Sustain Action

Establish governance & structure

Craft Communication and Engagement Strategy

Develop and implement future Action Plan

# KEY DELIVERABLES



**Climate Impacts  
Viewer**



**Online Adaptation  
Library**



**Adaptation  
Toolkit**

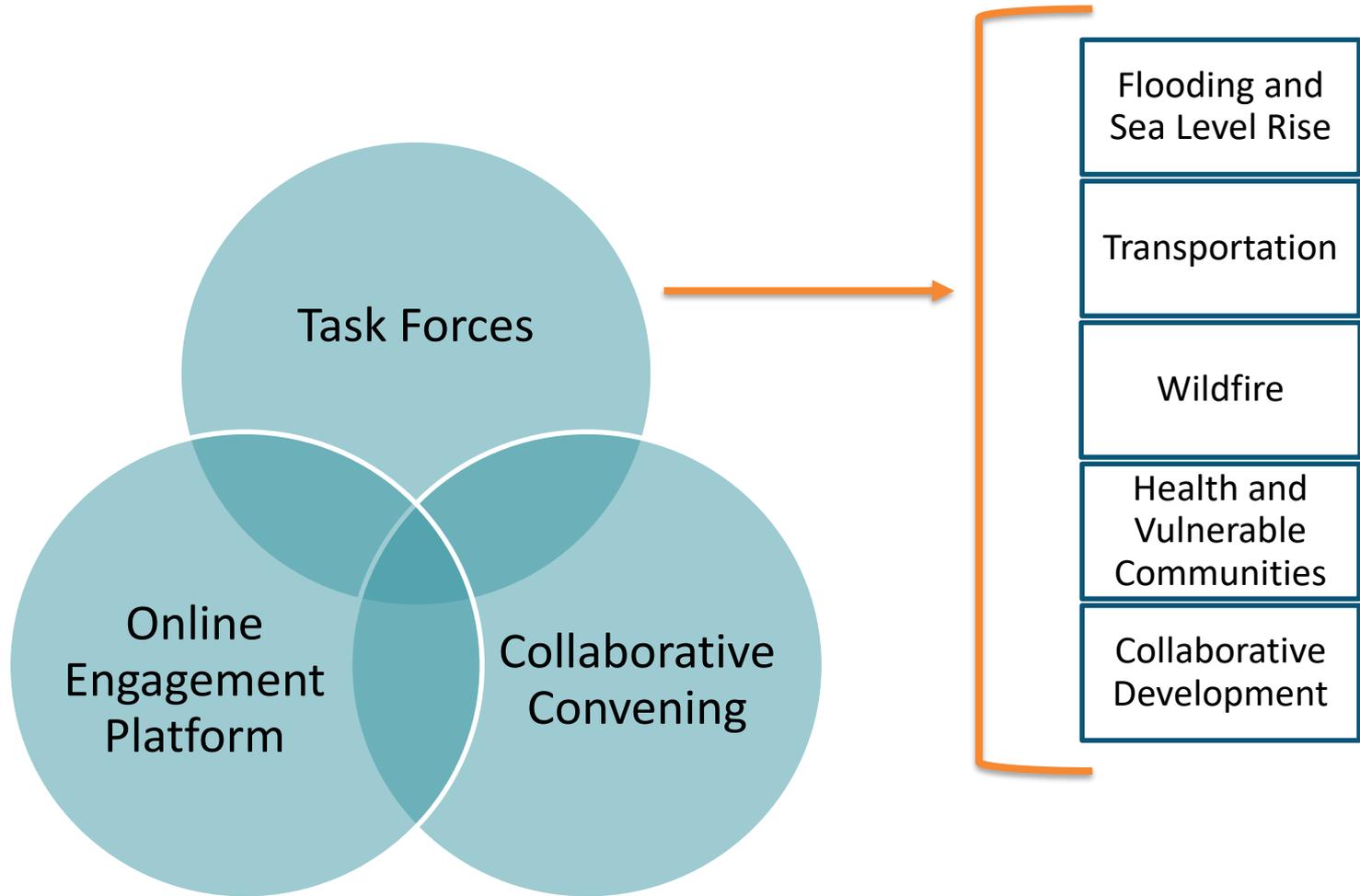


**Community  
Pilots**

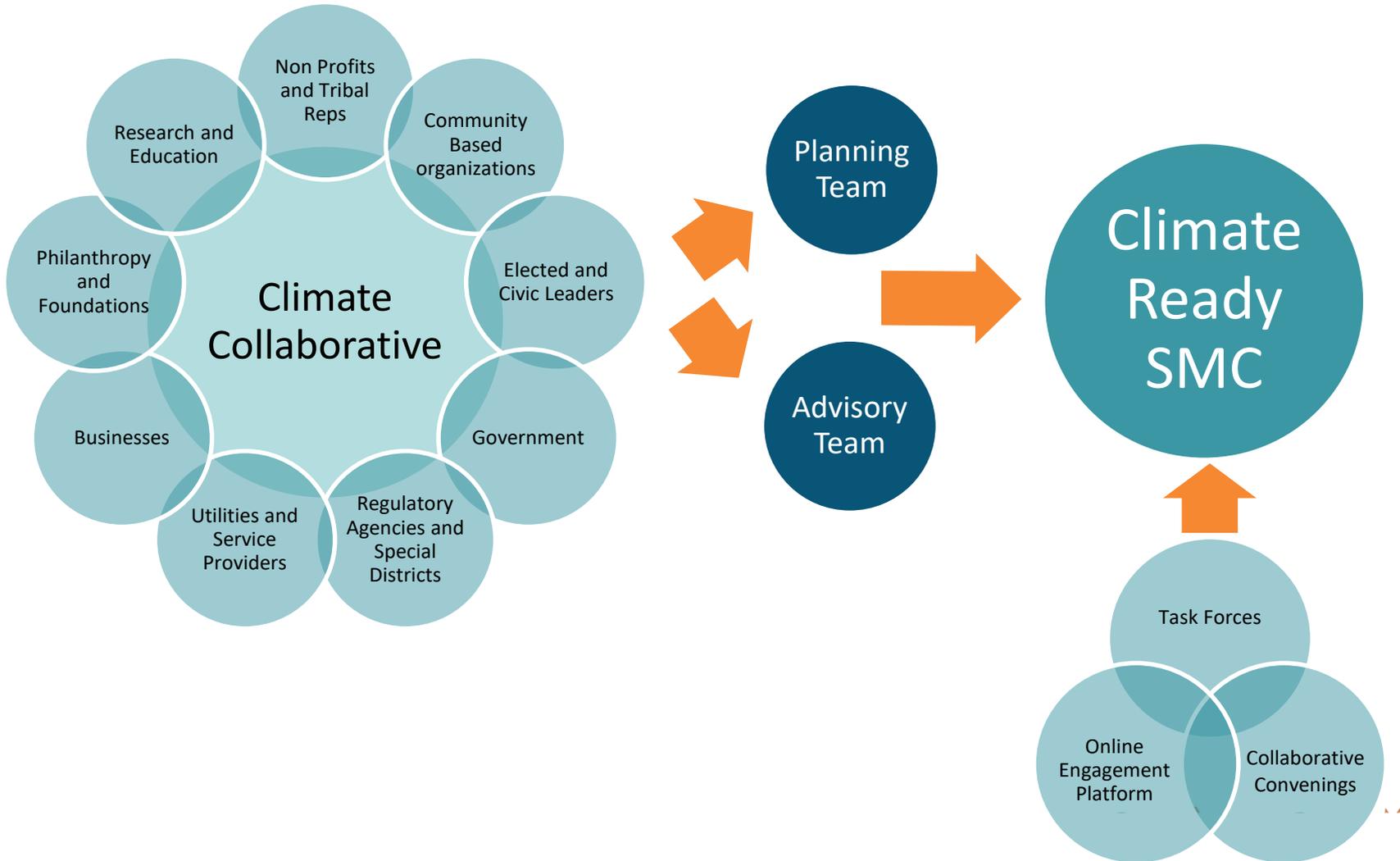


**2020-2022  
Collaborative  
Action Plan**

# MEMBER ENGAGEMENT AND LEADERSHIP



# COLLABORATIVE STRUCTURE



# PROPOSED SCHEDULE

## Learn and Foster

- Convening's
  - **June:** Flooding & Sea Level Rise
  - **July:** Heat & Temperature
  - **August:** Health & Vulnerability
  - **January 2020:** TBD
  - **April 2020:** TBD

## Deliberate

- June: Adaptation Toolkit
- Task Force Meetings (Sept-Nov)
  - Online Library Viewer, Fact Sheets, Toolkits
  - Shared Vision and goals

## Sustain Action

- January: Adaptation Pilots complete
- Taskforce thru June
  - Toolkits cont.
  - Governance, Action Plan and Communication Strategy
  - Other priorities as determined

LEARN AS YOU GO!

SOMETIMES YOU HAVE TO GO

**SLOW**

IN ORDER TO GO

**FAST**



# QUESTIONS



# COMMUNITY ADAPTATION PLANNING PILOTS



**PILOT FUNDING INTEREST APPLICATION**



# FUNDING ENVIRONMENT



- Funding Anxiety vs. Reality
- Current efforts
- Solutions
  - Information sharing
  - Strategy and relationships
  - Future collaboration



## Goals:

- Community-based participatory approach
- Place-based solutions
- Build community leadership and capacity



# PILOT PROJECT FUNDING

- Two awards of **\$60,000 each**
- In-kind support: Consultant Team and County staff
- Timeline: Summer 2019 to January 2020.
- Funders: Caltrans & County of San Mateo
- Application Deadline: May 22nd, 5pm



# FUNDING USES



- Community engagement
- Community-led workshop facilitation
- Resources for traditionally underrepresented community members
- Planning or project concept development



# EVALUATION CRITERIA

- Collaboration between nonprofit organizations and government
- Assesses or responds to climate risks
- Seeks to build community capacity and skills



# EVALUATION CRITERIA



- Integrates equity
  - Focus on socially vulnerable communities
  - Make operations and methods equitable and inclusive
- Enhances community decision-making



# ELIGIBILITY AND PARTNERSHIPS

## Eligible to apply:

SMC Cities, towns, unincorporated areas, special districts, schools, community-based organizations (CBOs), and non-profit organizations

## Optimal proposal

partnership between a city/governmental organization and a community based organization or nonprofit



# ELIGIBILITY AND PARTNERSHIPS

Unincorporated areas can choose:

- Letter of support from district your Supervisor,
- Letter of support from a community council champion (seek formal support later)
- Partner with collaborating agency i.e. regulatory or service agency



# CONSULTANT IN-KIND SUPPORT

- Community-based participatory planning
  - Guidance on Equity
  - Training for community members
- Community-led workshops



# CONSULTANT IN-KIND SUPPORT

- Development of
  - Pilot work plans
  - Engagement strategies
  - Community specific adaptation plan
- Office of Sustainability staff support



- ‘Office Hours’ today
- FAQ:  
<https://www.smcsustainability.org/climate-ready>
- Early feedback on project ideas
- Assistance with finding partners



# HOW TO APPLY

1. Review Community Adaptation Pilot Funding Interest Application
2. Complete Application
3. Submit application via email

Complete  
Application and  
email by May 22,  
5 pm.



## CONTACT US

- Jasneet Sharma [jsharma@smcgov.org](mailto:jsharma@smcgov.org)  
(650)363-4088
- Hannah Doress [hdoress@smcgov.org](mailto:hdoress@smcgov.org)
- (650)599-1468

**Stay tuned: Community Resilience  
Grants in 2019-2020**



# QUESTIONS



# STRETCH BREAK



PLEASE BE BACK BY 3:00 PM





## PROJECTS IN SAN MATEO COUNTY



# ADAPTATION AND RESILIENCE PLAN

SamTrans



# SAMTRANS ADAPTATION & RESILIENCE PLAN

## Scope

- Analyze vulnerability to climate change impacts, including extreme heat and sea level rise, storm surge and flooding
- Identify, evaluate and estimate costs for adaptation strategies

# SAMTRANS ADAPTATION & RESILIENCE PLAN

## Purpose

- Minimize the cost of climate impacts to SamTrans
- Advise the SamTrans Board
- Inform short-, mid- and long-term capital investment, facilities and operational decisions

A photograph of a person's hands holding a red flower in a natural setting. The person is wearing a watch and a leather boot. The background shows dry leaves and green plants. The text 'PROJECT GREEN SPACE' is overlaid on the image.

# PROJECT GREEN SPACE

City of Daly City

# PROJECT GREEN SPACE

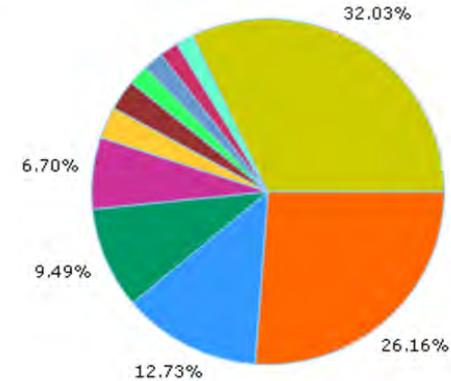
**Urban Forestry Adaptation**  
*thinking 30 years ahead*

**Community Engagement**  
*solving civic problems together*

**Impact Volunteering**  
*sustaining involvement*



Top 10 Species / Estimated Value



	Botanical	Common	Total	Pct.	Estimated Value
	Pinus radiata	MONTEREY PINE	1,940	26.16%	\$5,373,410.00
	Hesperocyparis macrocarpa	MONTEREY CYPRESS	944	12.73%	\$3,145,650.00
	Eucalyptus spp.	EUCALYPTUS	704	9.49%	\$3,732,360.00
	Tristaniopsis laurina	WATER GUM	497	6.70%	\$820,630.00
	Metrosideros excelsus	NEW ZEALAND CHRISTMAS TREE	220	2.97%	\$387,950.00
	Acacia baileyana	BAILEY ACACIA	210	2.83%	\$331,520.00
	Pinus pinea	ITALIAN STONE PINE	140	1.89%	\$401,400.00
	Myoporum laetum	MYOPORUM	137	1.85%	\$204,840.00
	Sequoia sempervirens	COAST REDWOOD	127	1.71%	\$481,620.00
	Maytenus boaria	MAYTEN TREE	121	1.63%	\$188,980.00
	Other	OTHER	2,375	32.03%	\$3,734,360.00
	<b>Total Trees</b>		<b>7,415</b>	<b>100%</b>	<b>\$18,802,720.00</b>

# PROJECT GREEN SPACE



## RESULTS

Informative e-book with 70+ tree profiles

570 trees planted

11 rain gardens

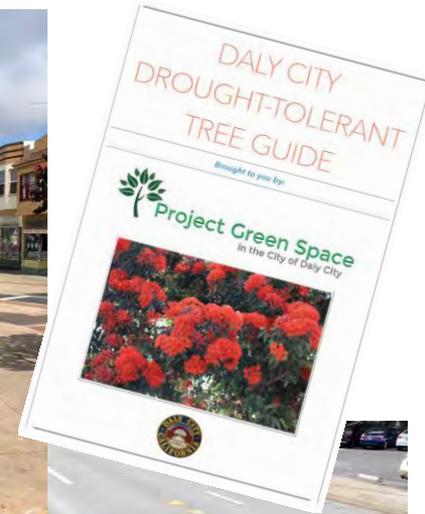
1 CA native mini park

683 volunteers

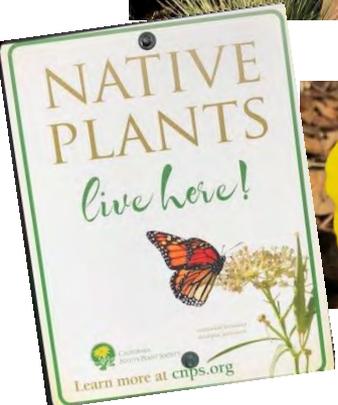
20+ community groups

200,000 gallons stormwater

2 AmeriCorps VISTAs



**Urban  
forest grew  
by 7.7%**



# CLIMATE CHANGE AND WILDFIRE: FIRST STEPS IN A COMMUNITY CONVERSATION

Town of Portola Valley

# CURRENT PLANS AND RESOURCES

- Emergency Operations Center
- Emergency Preparedness Committee
- Citizens Emergency Response Preparedness Program - CERPP
- Vegetation Management Program
- Evacuation Planning
- Communications, including SMCAAlert

# TOWN GOV'T RESPONSE AND LONG TERM GOALS

- Forming ad hoc committee
- Advancing evacuation work
- Encouraging self-sufficiency for residents
- Increasing awareness of communication tools
- Amplifying vegetation management
- Seeking future funding
- Undertaking future building code updates

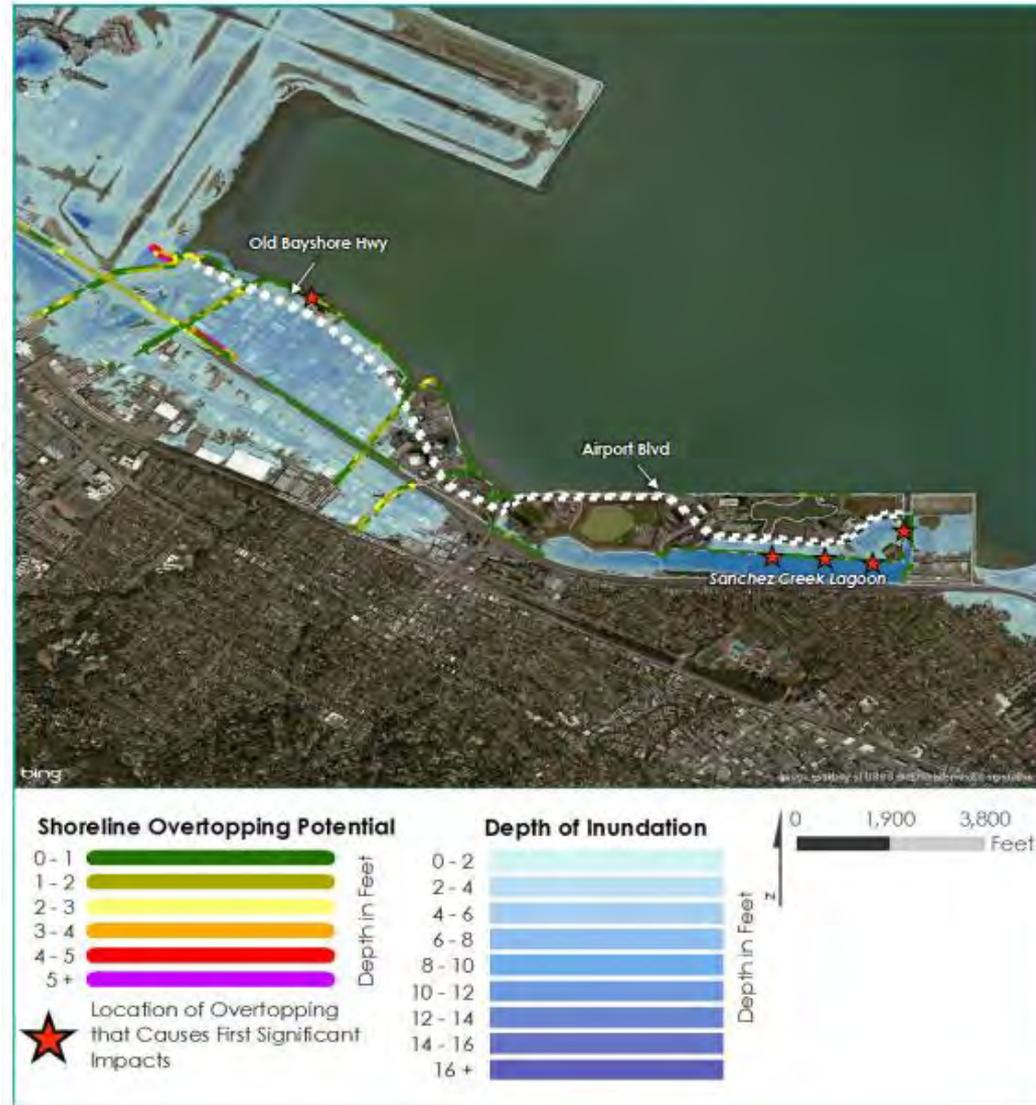
# SEA CHANGE BURLINGAME

City of Burlingame

The background image shows a coastal scene. In the foreground, there is a rocky shoreline with some green moss or algae on the rocks. A concrete walkway or path runs along the shore. In the background, there is a large building with a blue roof and a white facade, possibly a school or community center. The sky is overcast and grey.

# TARGET SPECIFIC VULNERABILITIES

- Types of Measures
  - Conventional
  - Nature-based
  - Living with water
  - Hybrid measures



- Emulates the Home For All Learning Network “Talks Together” model



# EAST PALO ALTO CLIMATE CHANGE COMMUNITY TEAM

Acterra

# CAPACITY BUILDING FOR ADAPTATION

- Goal: implement a capacity building program that will increase the community's ability to minimize the adverse effects of climate change.
  - Create the Climate Change Community Team
  - Train the CCCT to lead community engagement and assessment
  - Build capacity and support



# CLIMATE CHANGE COMMUNITY TEAM

Meda Okelo - Community Leader

Ofelia Bello - **YUCA**

Julio Garcia – **Nuestra Casa**

Michelle Daher- City of East Palo Alto

Uriel Hernandez – Planning Commissioner

Dee Uhila –**Agamatangi Polynesian Voices**

Heleine Greme – Youth Representative

Karely Nunez – Youth Representative

Dalila Adofo – Resident/Greenaction

Mele Latu –**One East Palo Alto**

Regina Wallace – City Council

Stewart Hyman – Faith in Action

Reverend Dan Taufalele – Church Leader

Glenda Savage –Sanitary District

Siteri Maravou –Ravenswood Family  
Health Clinic

Sharifa Wilson –Ravenswood  
Education Board

Jeff Poetsch – Ravenswood Shore  
Business District

Duane Bay- East Palo Alto Can Do

Court Skinner – Business Owner and  
Community Leader

Romain Taniere – Community  
Emergency Response Team

Senita Uhilamoelangi – Senior  
/Community Leader

# PARTNERS AND COLLABORATORS

- **Acterra** (Violet, Iliana and Daela)
- City of East Palo Alto
- **San Mateo County Office of Sustainability**
- North Fair Oaks Climate Ready Project
- **Stanford University**
- Urban Permaculture Institute
- Greenlining Institute
- Association of Climate Resilience Planners
- San Francisquito Creek Joint Power Authority
- Resilient by Design

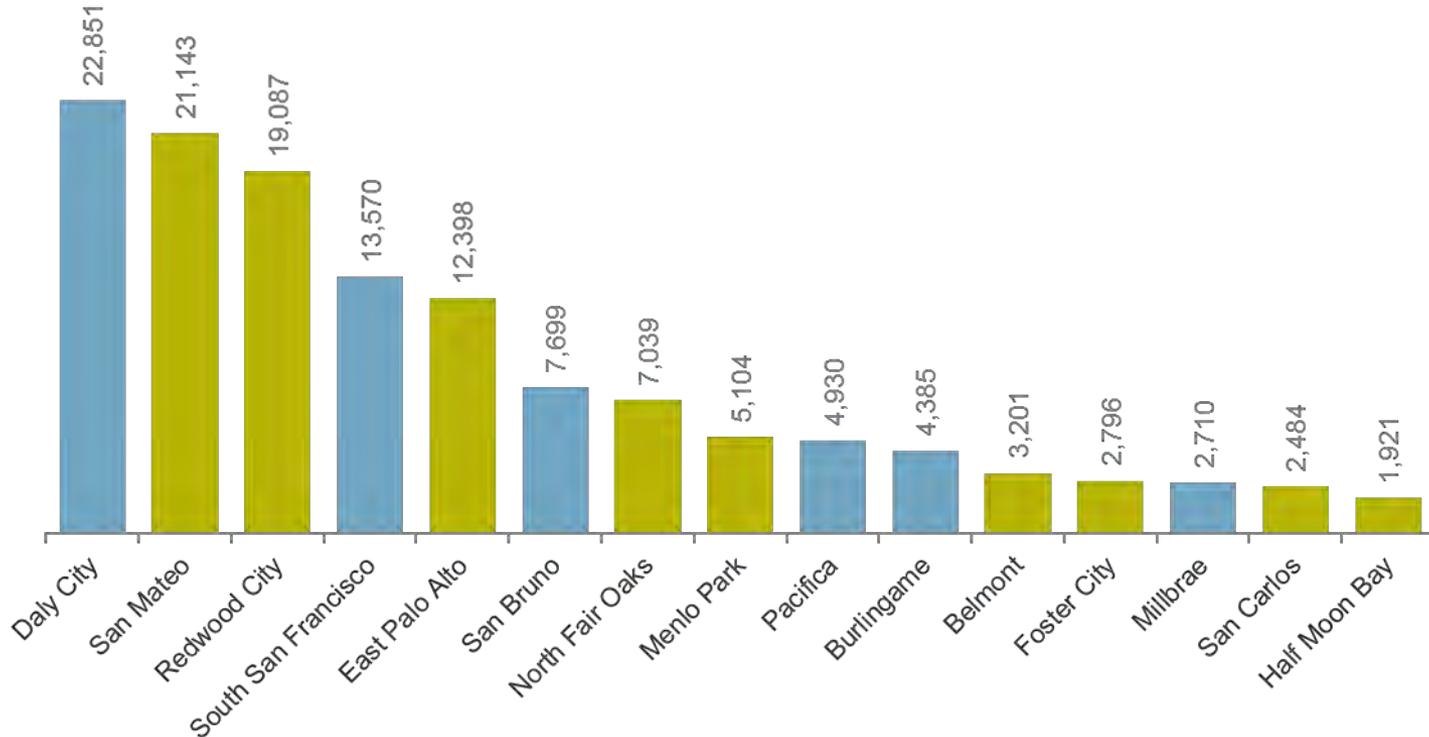


# SERVING FAMILIES AND CHILDREN IN NEED: NORTH SAN MATEO COUNTY NEEDS ASSESSMENT

Thrive, Alliance of Non Profits for  
San Mateo County

# PEOPLE IN POVERTY

Over 58K people in NSMC live below the SMC poverty level



# URGENT UNMET NEEDS

## Basic Needs & Safety Net

## Children & Education

## Health

## Immigrant & Worker's Rights

*Access to:*

Affordable and adequate housing

After-school care

Mental health services

Immigration legal and administrative services

Emergency financial assistance

Infant and toddler care programs

Health care services

Employment and training services

Nutritious food  
Adequate transportation

Preschool & kindergarten programs

Dental care services

# NONPROFIT CHALLENGES



*Limited opportunities for unrestricted general support*



*Limited access to multi-year grants*



*Difficulty securing support from corporations*

## **Fundraising**

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### **Aside from fundraising**



*Nonprofit recruitment and retention*



*Marketing communications and outreach*



*Nonprofit leadership development and board recruitment*

# WILDFIRE RESILIENCE PLANNING

Midpeninsula Regional Open  
Space District

# NATURAL RESOURCE ADAPTATION PLANNING

- Agencies:
  - Midpen and Santa Cruz Mountains Stewardship Network
- Increase natural resources resilience:
  - Modeling climate change impacts on water, vegetation, fire risk, etc.
  - Vulnerability assessment of 10 habitats and 10 specific species
  - Adaptation planning workshops

# WILDFIRE RESILIENCE PLANNING PROGRAM

- Agencies: Midpen, and fire agencies
- Wildland fire prevention, preparedness, and response:
  - Fuels management activities
  - Fuels monitoring program
  - Prescribed burns
  - wWildfire pre-plans for each Open Space Preserve

# CLIMATE READY NFO

**Siena Youth Center**

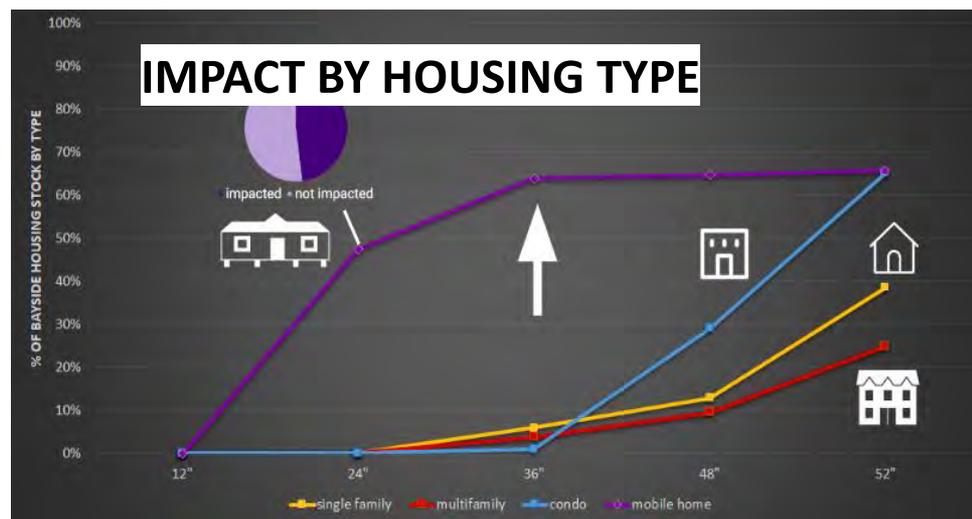
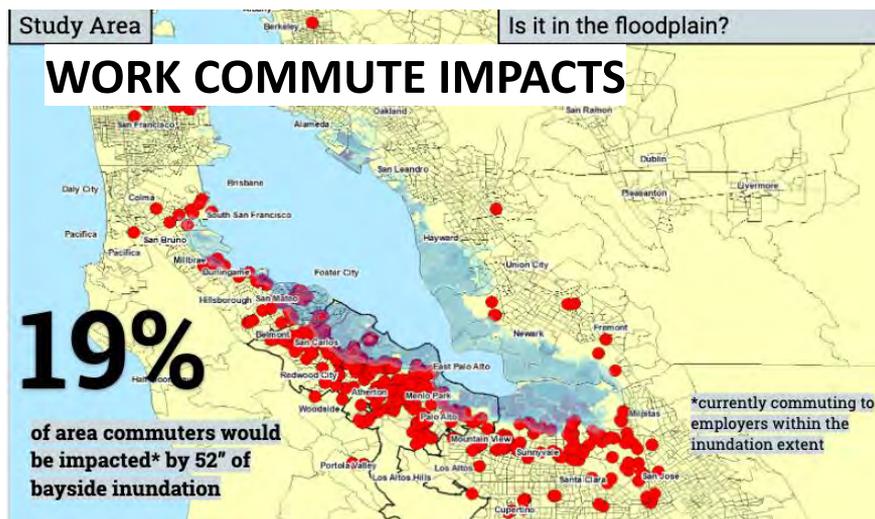
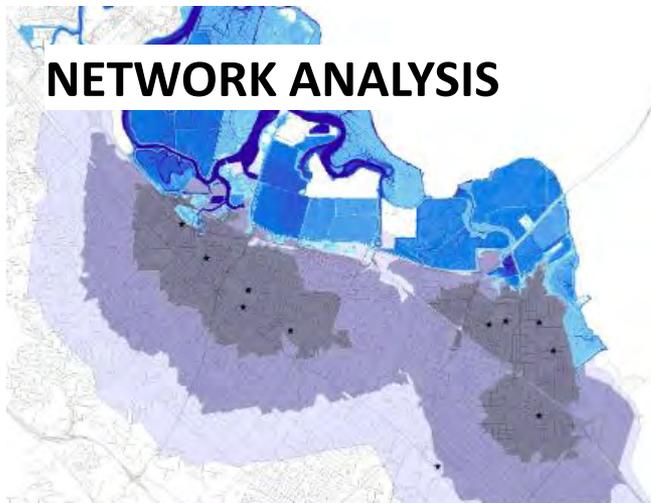
El Concilio de San Mateo County

Stanford University



- Students from Siena Youth Center learning about sea level rise
- Students learning about water sampling and observing sea level heights
- Stanford students helped youth learn more about Sea Level Rise





# POPLAR BEACH GATEWAYS PLAN

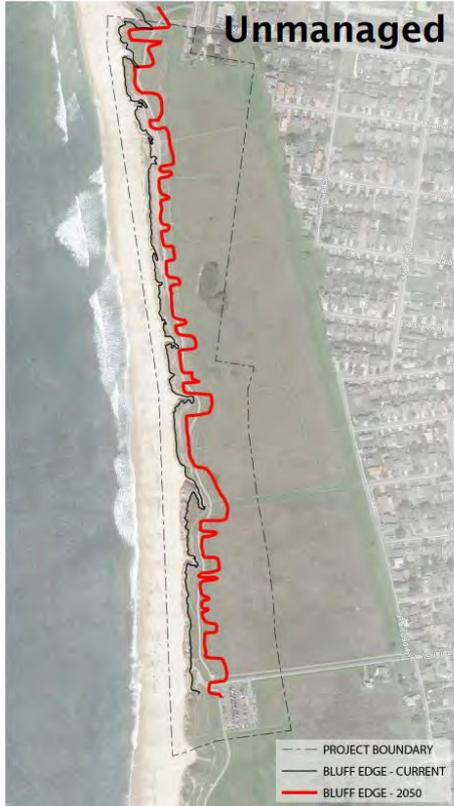
City of Half Moon Bay

SEA LEVEL  
2030

SEA LEVEL  
2050

# POPLAR BEACH GATEWAYS PLAN

## BLUFF RECESSION 2050



## BLUFF RECESSION 2100



# POPLAR BEACH GATEWAYS PLAN

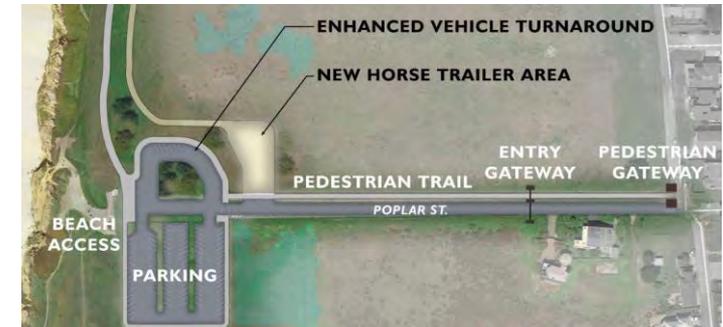
**Phase 1 (Complete)  
VISION/GOALS**

**Phase 2  
ALTERNATIVES**

**Phase 3  
DRAFT & FINAL PLAN**



**PUBLIC INPUT** →



# WILDFIRE RESILIENCE AND AGRICULTURE ADAPTATION

San Mateo Resource Conservation  
District

A vintage red tractor is shown in a field of green crops, likely tobacco. A farmer wearing a hat and light-colored clothing is seated on the tractor, operating it. The background is a vast field of similar crops under a bright sky. The entire image has a semi-transparent green overlay.



	CO2e sequestered or reduced/acre	Acres	CO2e sequestered or reduced/	Passenger cars driven 	Miles driven 	Home energy use 
Reduced till						0.17
Compost- field cro						5.2
Cover Crop						1.5
Irrigation pump improvement						.232
Compost- rangelan						52.9
Prescribed grazing						0.5
Grassland restorat						5
Hedgerow						3.8
Silvopasture						25.2
Riparian planting						17.3
Riparian restoratio						3.6

**1,059 tonnes carbon dioxide equivalent annually**

**227 cars per year**

**2.6M miles driven per year**

**114 homes per year**

# ADAPTATION FUNDING OPPORTUNITIES

California State Coastal  
Conservancy

# GRANT OPPORTUNITIES

## Climate Ready Round #6

- RFP Released: 4/19/19
- Proposal Due: 07/01/19
- Total Available: 2.8 million
- Award Size: no min or max (anticipate 3-5 projects)
- Purpose

## San Francisco Bay Restoration Authority

- RFP Release: Fall 2019
- Proposal Due: usually 2 mos after RFP release
- Total Available: \$25M/year for 20 years
- Award Size: \$100Ks to \$1Ms
- Purpose

# GRANT OPPORTUNITIES

California Coast, Ocean and San Francisco Bay Area

## Prop 68 General

- Grant Guidelines: Finalized and available
- Proposal Due: Rolling pre-proposals
- Total Available: \$85M total
- Grant Award: no min or max
- Purpose

## Prop 68 SF Bay Climate Funds (Future)

- Draft Guidelines Out for Comment: due 7/19/19
- Proposal Due: Fall '19 rolling pre-proposals
- Total Available: TBD (\$14M total over life of bond)
- Grant Award Size: TBD
- Purpose

# CLOSING AND NEXT STEPS



# NEXT STEPS

- Meeting Evaluation
- Office Hours
- Complete Follow up Survey
  - Join the Task Forces
  - Feedback on the First Year Plan
- **Save the Date: June 5**
  - Storms, Flooding and Sea Level Rise



"Coming together is a beginning, staying together is progress, and working together is success." – *Henry Ford*



# THANK YOU!

Visit our website to learn more:  
<https://www.smcsustainability.org/climate-ready/>



# OFFICE HOURS



COMMUNITY ADAPTATION PLANNING PILOTS

