

MOVING FROM VISION TO ACTION



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



OPENING REMARKS



SUPERVISOR DON HORSLEY





DANIELLE LEE, OFFICE OF SUSTINABILITY



PURPOSE

- 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



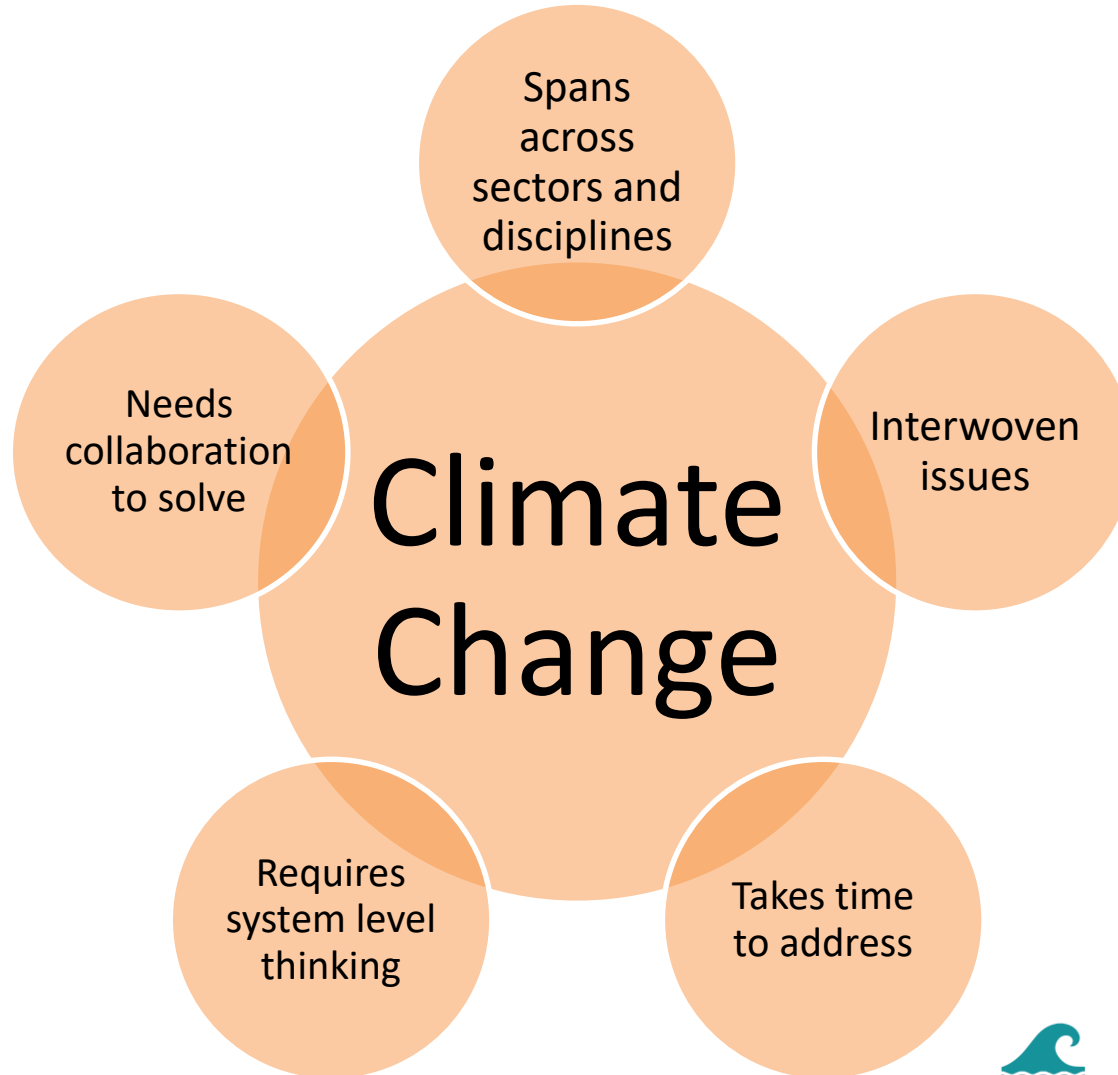
FIRST YEAR PLAN



MOVING FROM VISION TO ACTION



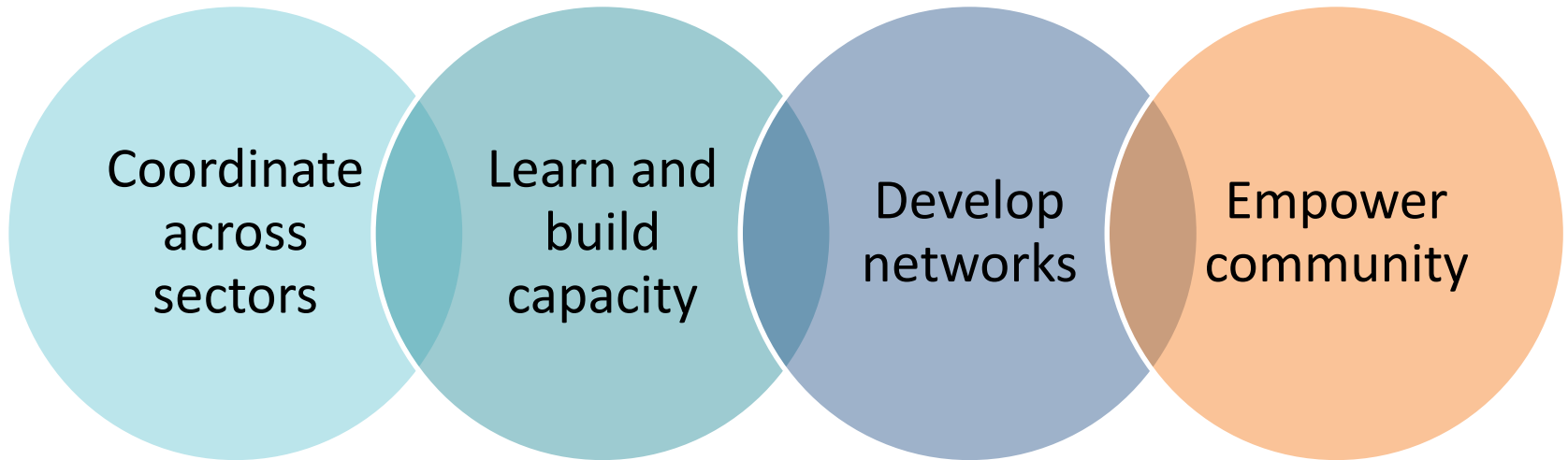
SOLVING FOR CLIMATE CHANGE



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**

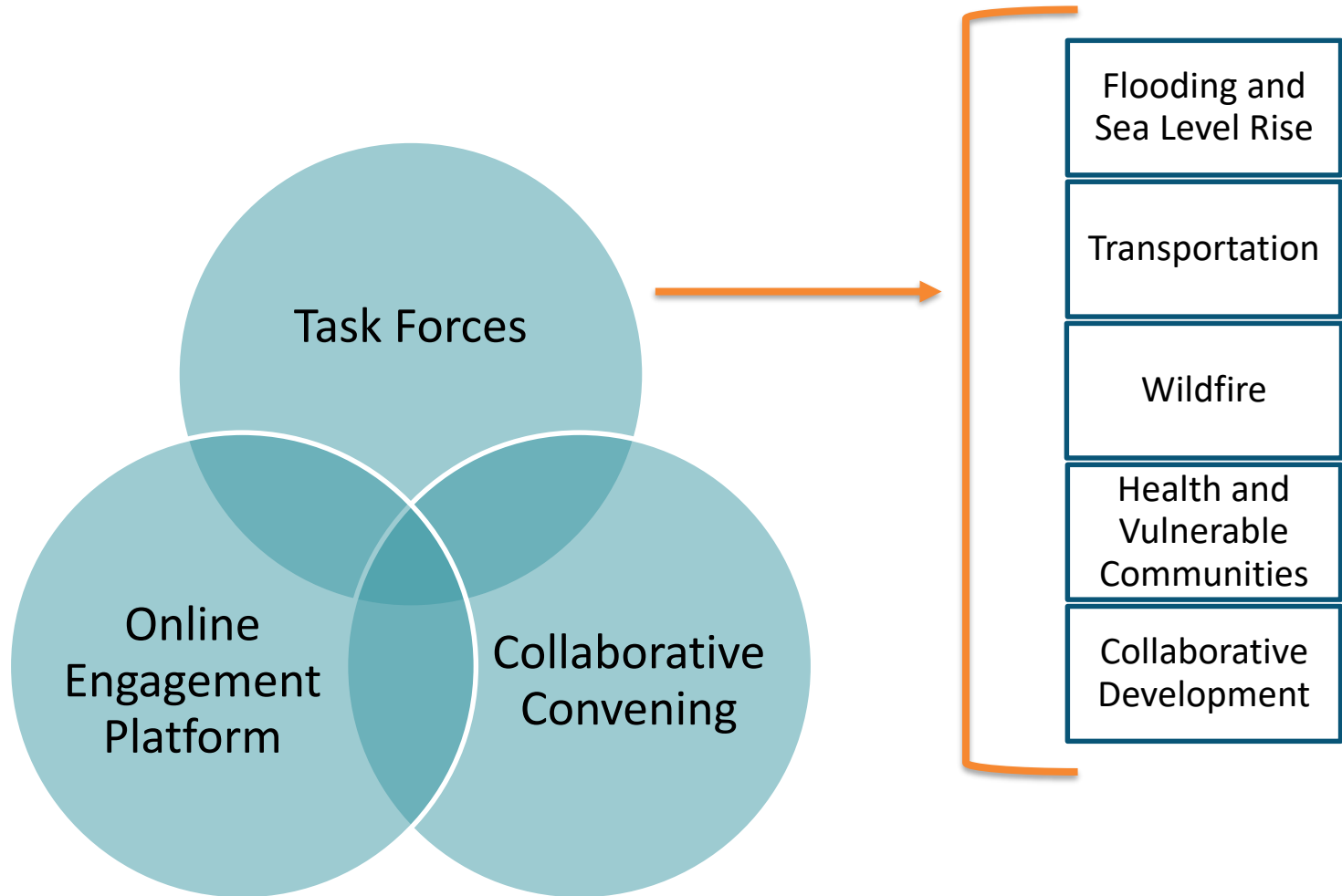


**Community
Pilots**

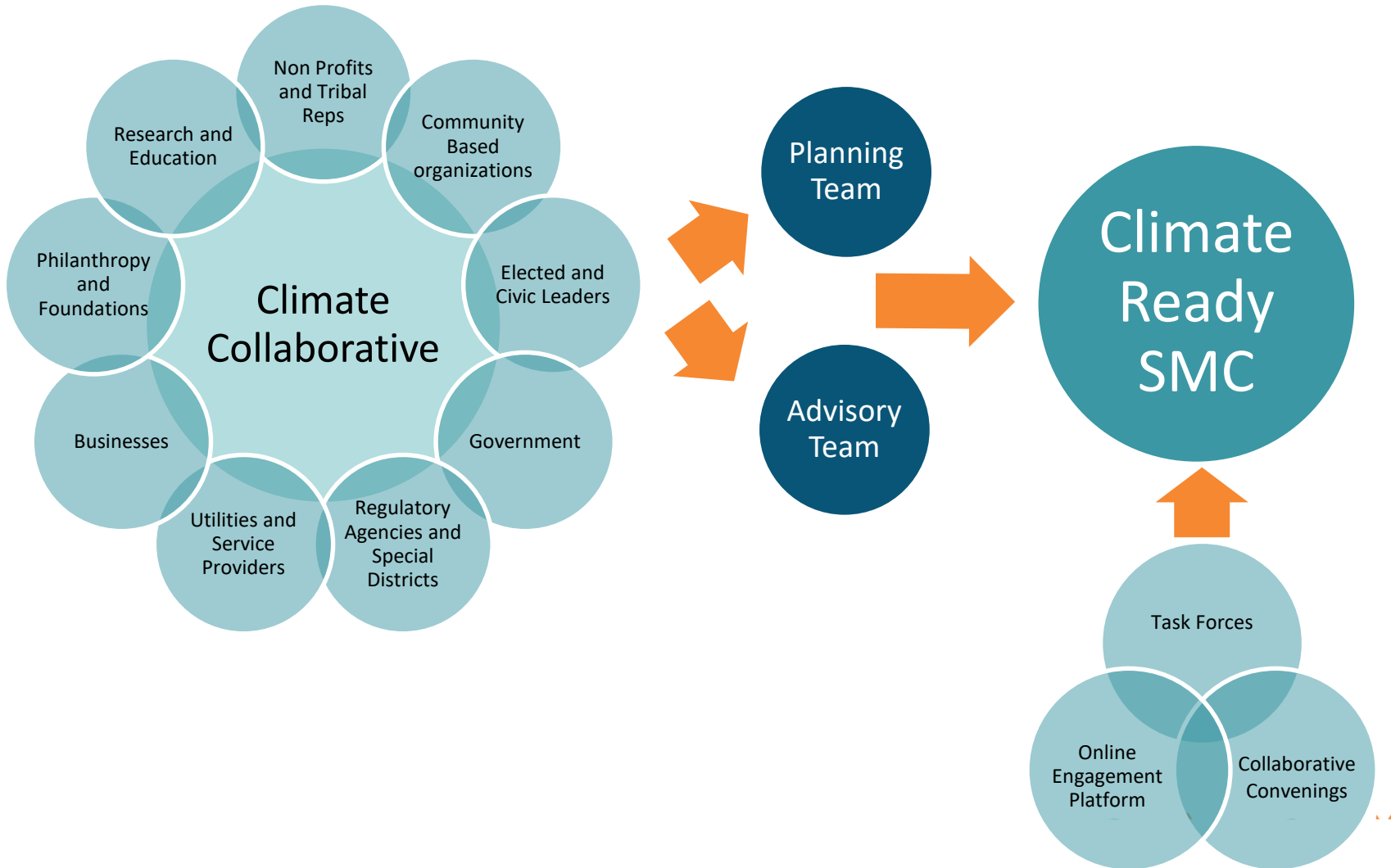


**2020-2022
Collaborative
Action Plan**

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.



PILOT PROJECT FUNDING

CONTACT US

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

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



QUESTIONS



STRETCH BREAK



PLEASE BE BACK BY 3:00 PM



ADAPTATION EXCHANGE



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 gently 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.

PROJECT GREEN SPACE

City of Daly City

PROJECT GREEN SPACE

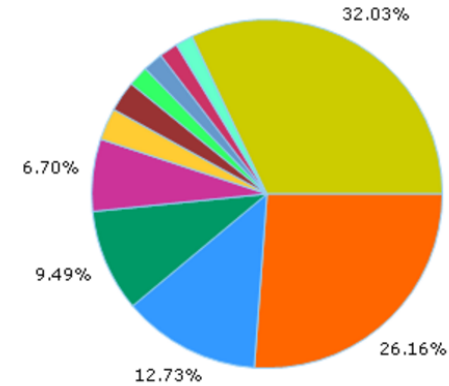
Urban Forestry Adaptation
thinking 30 years ahead

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
	Total Trees		7,415	100%	\$18,802,720.00

PROJECT GREEN SPACE



RESULTS

Informative e-book with 70+ tree profiles

570 trees planted

11 rain gardens

1 CA native mini park

683 volunteers

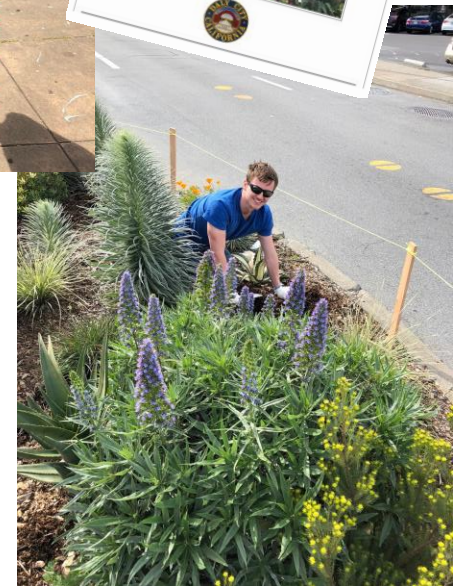
20+ community groups

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

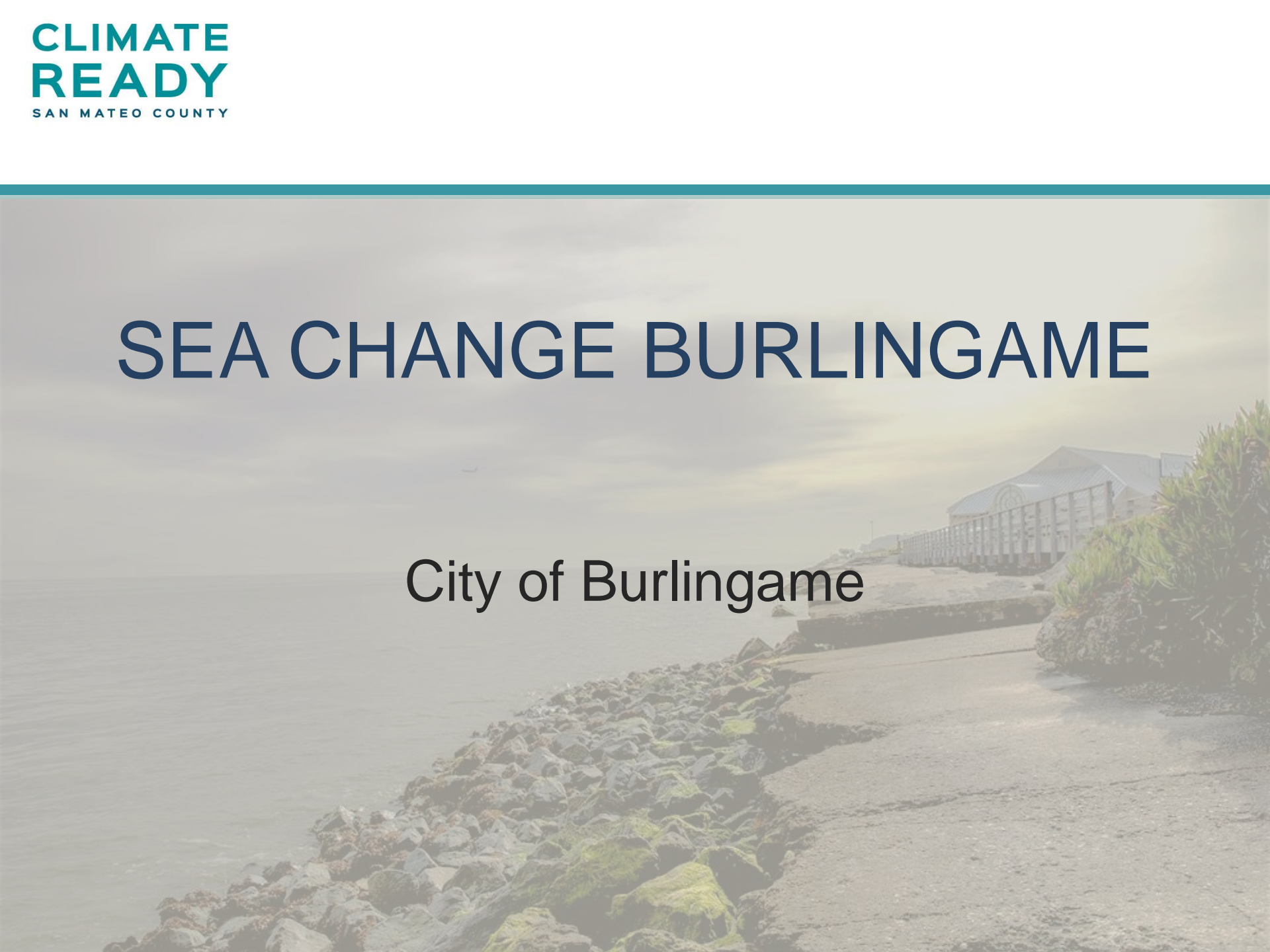
- Emergency Operations Center
- Emergency Preparedness Committee
- Citizens Emergency Response Preparedness Program - CERPP
- Vegetation Management Program
- Evacuation Planning
- Communications, including SMCAAlert

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

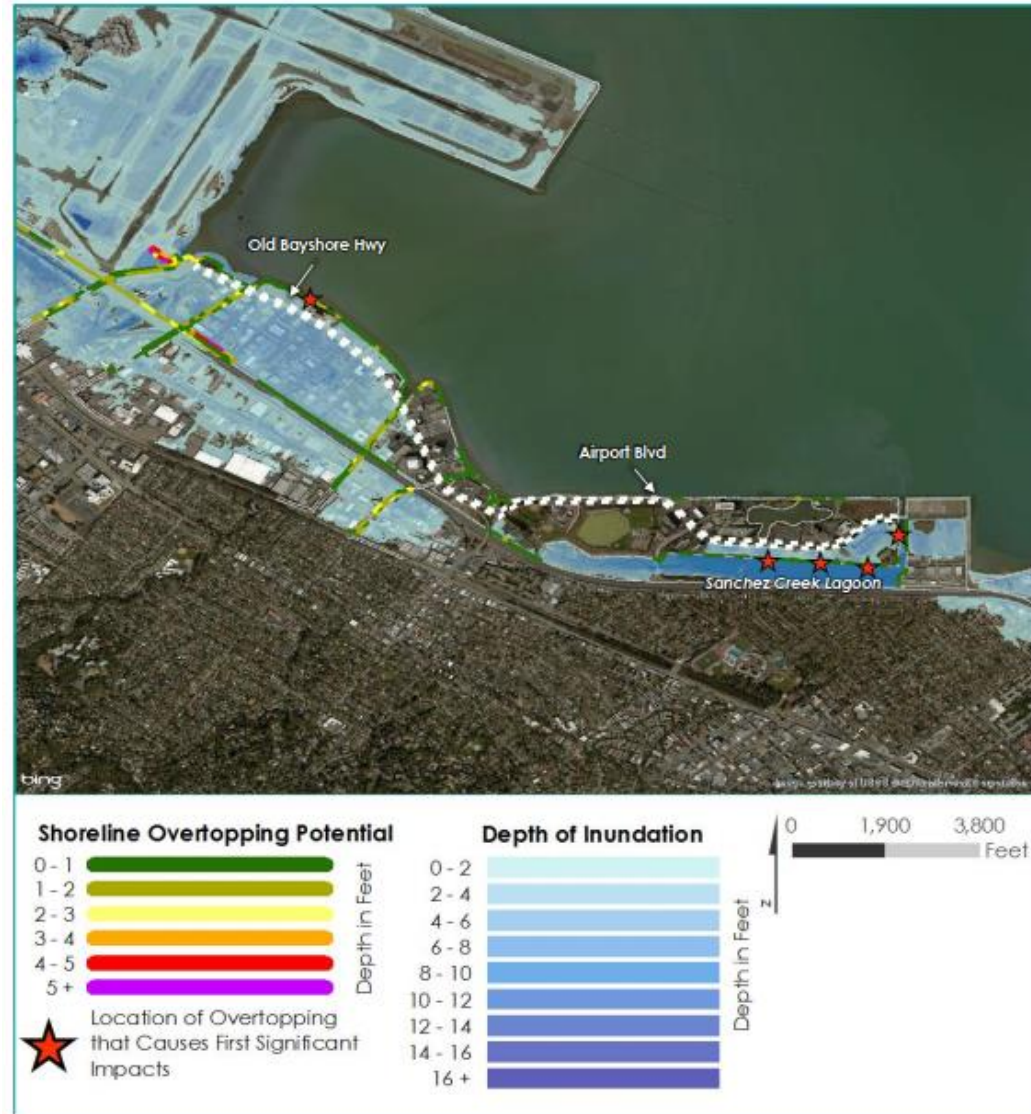
SEA CHANGE BURLINGAME

City of Burlingame

A coastal scene with a rocky breakwater in the foreground, a paved walkway, and a large building with a blue roof in the background under a cloudy sky.

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

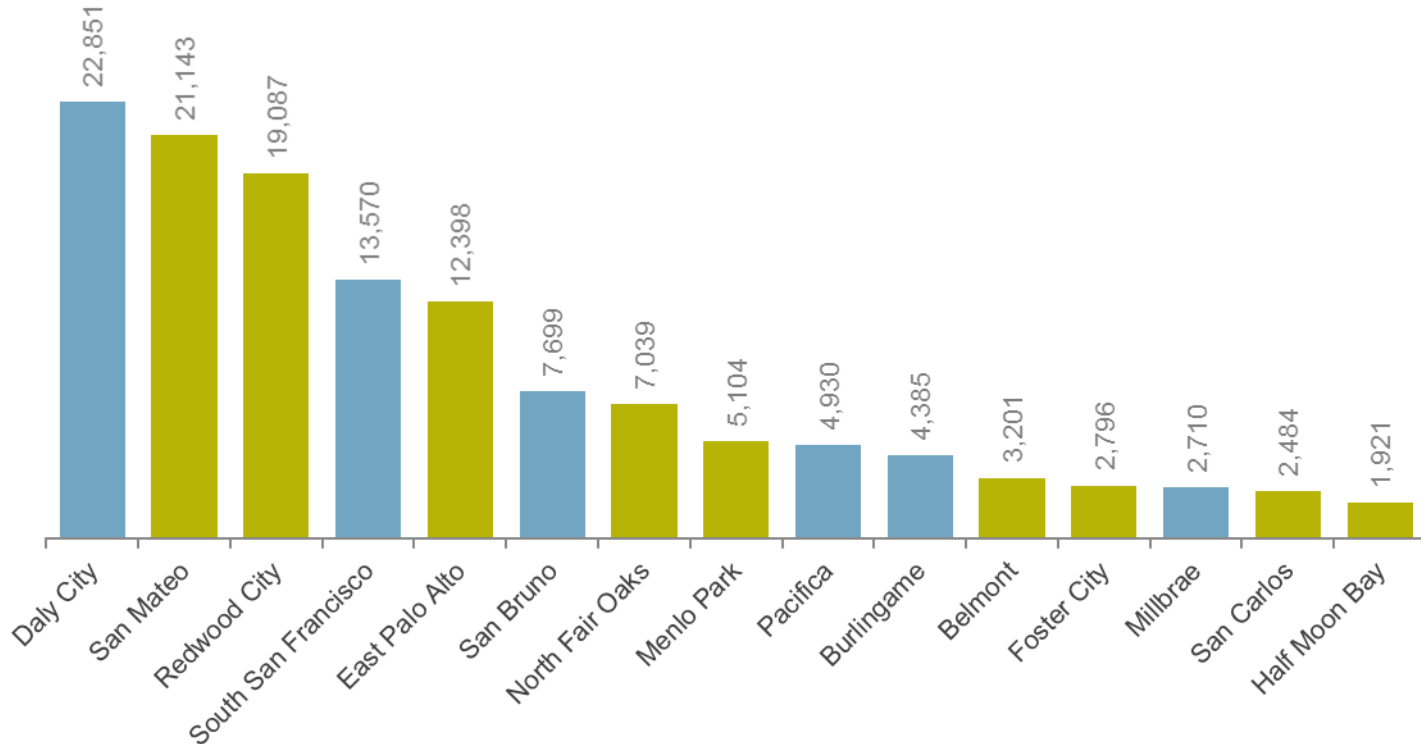


SERVING FAMILIES AND CHILDREN IN NEED: NORTH SAN MATEO COUNTY NEEDS ASSESSMENT

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

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

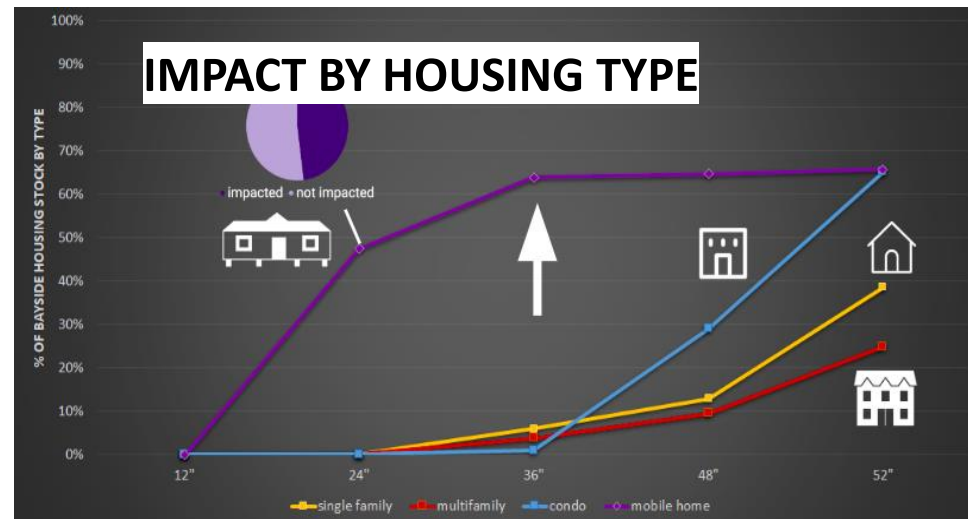
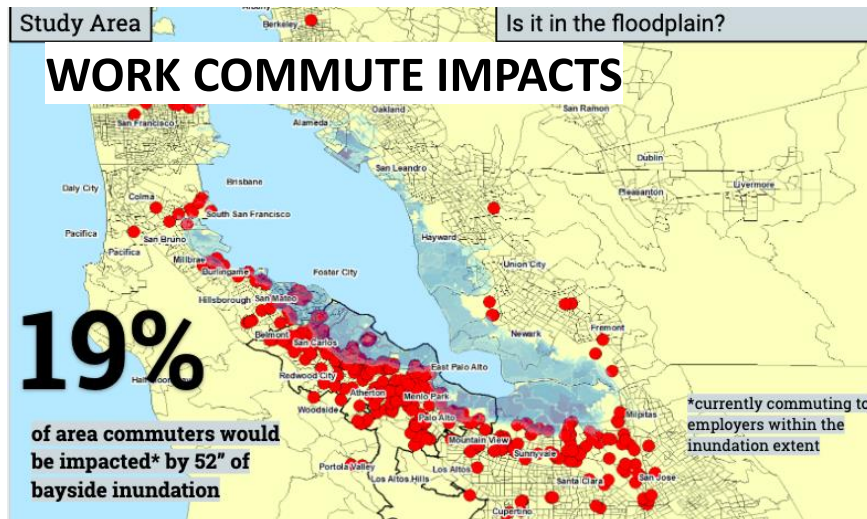
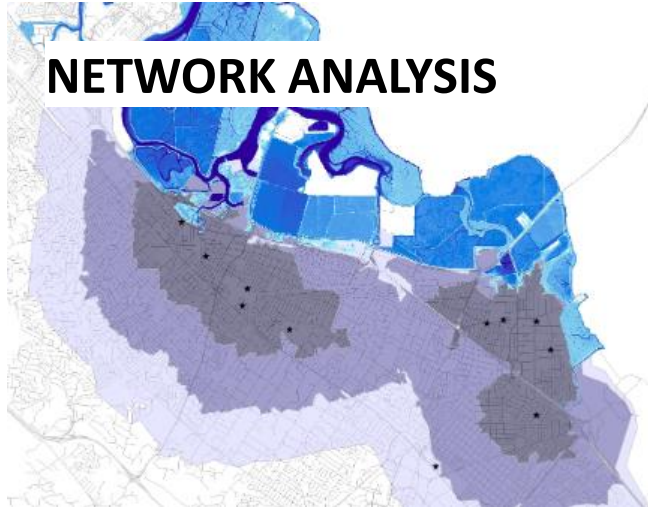
Siena Youth Center

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

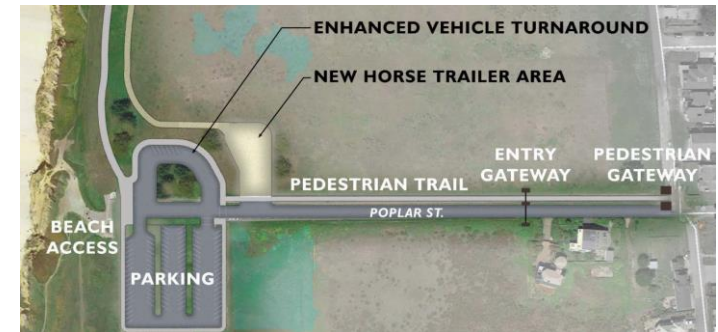
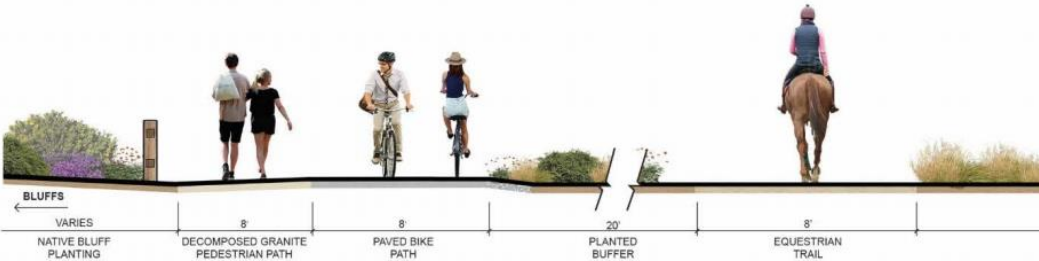
**Phase 1 (Complete)
VISION/GOALS**

**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 clear sky. The entire image is overlaid with a semi-transparent green filter.



	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

