OPENING REMARKS

SUPERVISOR DON HORSLEY
• 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
SOLVING FOR CLIMATE CHANGE

Climate Change spans across sectors and disciplines. It takes time to address and requires system level thinking. It needs collaboration to solve and is interwoven with issues.
Working together to create and implement solutions to better prepare San Mateo County in the face of changing climate.
INCLUSIVE APPROACH

- Coordinate across sectors
- Learn and build capacity
- Develop networks
- Empower community
CROSS-SECTOR MEMBERSHIP

Climate Collaborative

- Non Profits and Tribal Reps
- Community Based organizations
- Elected and Civic Leaders
- Government
- Regulatory Agencies and Special Districts
- Utilities and Service Providers
- Businesses
- Philanthropy and Foundations
- Research and Education
AN ADAPTIVE COLLABORATIVE

SUSTAIN ACTION

DELIBERATE

LEARN AND FOSTER
KEY DELIVERABLES

- Climate Impacts Viewer
- Online Adaptation Library
- Adaptation Toolkit
- Community Pilots
- 2020-2022 Collaborative Action Plan
MEMBER ENGAGEMENT AND LEADERSHIP

Task Forces

Online Engagement Platform

Collaborative Convening

Flooding and Sea Level Rise
Transportation
Wildfire
Health and Vulnerable Communities
Collaborative Development
COLLABORATIVE STRUCTURE

Climate Collaborative

- Non Profits and Tribal Reps
- Community Based organizations
- Elected and Civic Leaders
- Government
- Regulatory Agencies and Special Districts
- Utilities and Service Providers
- Businesses
- Philanthropy and Foundations
- Research and Education

Planning Team

Advisory Team

Climate Ready SMC

- Task Forces
- Collaborative Convenings
- Online Engagement Platform
## 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
- 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
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
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
APPLICATION SUPPORT

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

SamTrans
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
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
PROJECT GREEN SPACE

City of Daly City
Urban Forestry Adaptation
thinking 30 years ahead

Community Engagement
solving civic problems together

Impact Volunteering
sustaining involvement

Top 10 Species / Estimated Value

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

www.dalycity.org/ProjectGreenSpace
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 SMCAlight
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
TARGET SPECIFIC VULNERABILITIES

• Types of Measures
  – Conventional
  – Nature-based
  – Living with water
  – Hybrid measures
OUTREACH MODEL

• Emulates the Home For All Learning Network “Talks Together” model
EAST PALO ALTO CLIMATE CHANGE COMMUNITY TEAM
Acterra
• 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
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
Reverand 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
Over 58K people in NSMC live below the SMC poverty level

# URGENT UNMET NEEDS

<table>
<thead>
<tr>
<th>Basic Needs &amp; Safety Net</th>
<th>Children &amp; Education</th>
<th>Health</th>
<th>Immigrant &amp; Worker’s Rights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affordable and adequate housing</td>
<td>After-school care</td>
<td>Mental health services</td>
<td>Immigration legal and administrative services</td>
</tr>
<tr>
<td>Emergency financial assistance</td>
<td>Infant and toddler care programs</td>
<td>Health care services</td>
<td>Employment and training services</td>
</tr>
<tr>
<td>Nutritious food</td>
<td>Preschool &amp; kindergarten programs</td>
<td>Dental care services</td>
<td></td>
</tr>
</tbody>
</table>

Source: Survey to nonprofit leadership staff “Needs of North San Mateo County families and nonprofits that serve them,” 73 nonprofit leaders surveyed. December 2018 – February 2019.
NONPROFIT CHALLENGES

**Fundraising**
- Limited opportunities for unrestricted general support
- Limited access to multi-year grants
- Difficulty securing support from corporations

**Aside from fundraising**
- Nonprofit recruitment and retention
- Marketing communications and outreach
- Nonprofit leadership development and board recruitment

Source: Survey to nonprofit leadership staff “Needs of North San Mateo County families and nonprofits that serve them,” 73 nonprofit leaders surveyed.
WILDFIRE RESILIENCE PLANNING

Midpeninsula Regional Open Space District
• 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
• Agencies: Midpen, and fire agencies
• Wildland fire prevention, preparedness, and response:
  – Fuels management activities
  – Fuels monitoring program
  – Prescribed burns
  – Wildfire pre-plans for each Open Space Preserve
CLIMATE READY NFO

Siena Youth Center
El Concilió 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
CLIMATE READY NFO

NETWORK ANALYSIS

FLOOD MAP OVERLAY

SURF: DAMAGE ESTIMATE TOOL

WORK COMMUTE IMPACTS

IMPACT BY HOUSING TYPE

19% of area commuters would be impacted* by 52” of bayside inundation

*currently commuting to employers within the inundation extent
POPLAR BEACH GATEWAYS

PLAN

City of Half Moon Bay
POPLAR BEACH
GATEWAYS PLAN

Phase 1 (Complete)
VISION/GOALS
- Community Event at Poplar Beach
- P&G Commission Study Session
- Vision/Goals Document

Phase 2
ALTERNATIVES
- Community Workshop

Phase 3
DRAFT & FINAL PLAN
- Draft Gateways Plan
- Community Workshop
- Final Plan

PUBLIC INPUT

[Image of Poplar Beach landscape]

[Image of Poplar Beach gateways plan details]

[Logo for The City of Half Moon Bay, California]
WILDFIRE RESILIENCE AND AGRICULTURE ADAPTATION

San Mateo Resource Conservation District
<table>
<thead>
<tr>
<th>Activity</th>
<th>CO₂e sequestered or reduced/acre</th>
<th>Acres</th>
<th>CO₂e sequestered or reduced/year</th>
<th>Passenger cars driven</th>
<th>Miles driven</th>
<th>Home energy use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduced till</td>
<td>0.17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.17</td>
</tr>
<tr>
<td>Compost- field crops</td>
<td>5.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5.2</td>
</tr>
<tr>
<td>Cover Crop</td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.5</td>
</tr>
<tr>
<td>Irrigation pump improvement</td>
<td>.232</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.232</td>
</tr>
<tr>
<td>Compost- rangeland</td>
<td>52.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>52.9</td>
</tr>
<tr>
<td>Prescribed grazing</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td>Grassland restoration</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Hedgerow</td>
<td>3.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3.8</td>
</tr>
<tr>
<td>Silvopasture</td>
<td>25.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25.2</td>
</tr>
<tr>
<td>Riparian planting</td>
<td>17.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17.3</td>
</tr>
<tr>
<td>Riparian restoration</td>
<td>3.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3.6</td>
</tr>
</tbody>
</table>

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
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

### 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