Community Health & Resiliency TAC
Final Carbon Zero Recommendations

Finance TAC
Financing Options for Implementation

Business Roundtables
Input from Business Stakeholders

Integration
Final Set of Strategies Across TACs

Review
Final Recommendations Report

CITY OUTREACH & ENGAGEMENT 
& EQUITY ROUNDTABLE MEETINGS

JANUARY 2020
FEBRUARY 2020
FEBRUARY 2020
MARCH 2020
MAY 2020
City of West Sacramento
Climate & Resiliency Action Plan

David Tilley
City of West Sacramento
Commission’s Definition of Equity

*Equity* means making the decisions to ensure the fair and proportional distribution of impacts, opportunities, resources, and costs.

Equity also demands *inclusivity*, the practice of including relevant stakeholders and communities, particularly marginalized communities and groups that have been historically left out, in the policymaking and governance process, in order to ensure fair and equitable outcomes.
Sustainable Communities Initiative
Collective Impact Through Collaboration

SMUD

Sustainable Communities
Strengthening our neighborhoods. Together.
Wonder: why we’re building sustainable communities?
We’re community-owned, not-for-profit

smud.org/Community
"Everyone has the right to an environment that is not harmful to their health or well-being."

Constitution of the Republic of South Africa
Climate change challenges our commitment to achieve equity in health and wellbeing in California, as it deepens the need to take actions that reduce vulnerabilities and increase resilience to climate change in our communities.
Why Equity is an issue related to Sacramento’s Sustainability

- History of Discriminatory Land Use Policies
- Hazardous Materials History/Groundwater
- Limited Political Power & Voice
- Lack of Economic Investment/Vacancies
- Lack of Authentic Community Engagement
- Urban & Rural Disenfranchisement
- Uneven Impact on EJ Communities
Significant disparities are growing across economic indicators between the haves and have-nots.

“…Sacramento Region’s leaders must take on the difficult but important civic work to assure sustained growth and prosperity.”

~ Brookings: Charting a Course to the Sacramento Region’s Future Economic Prosperity
Sustainable Communities Mission

Enhancing the quality of life for all of our customers and enhancing the vitality of all of our communities.
Does the Current Environmental Justice Criteria Meet Our Region’s Needs?

Environmental Indicators
• 12 Pollution Burden Indicators
  • Air Quality-(Ozone, PM 2.5)
  • Diesel PM
  • Drinking water contaminants
  • Pesticide Use
  • Toxic Releases
  • Traffic Density
  • Clean Up Sites
  • Haz Wastes Facilities
  • Solid Waste Facilities
  • Impaired Water Bodies

Population Indicators
• 7 Population Characteristic Indicators
  • Asthma/Cardiovascular Disease
  • Low Birth Weight Infants
  • Educational Attainment
  • Housing Burden
  • Linguistic Isolation
  • Poverty
  • Unemployment
### Definitions Related to Sustainable Communities

<table>
<thead>
<tr>
<th>Disadvantaged Communities</th>
<th>Determinants of Equity</th>
<th>Health Equity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Justice</td>
<td>Low-Income Area</td>
<td>Climate Change Impact</td>
</tr>
<tr>
<td>Social Justice</td>
<td>Vulnerable Communities &amp; Vulnerable Places</td>
<td>Air Quality</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Health &amp; Mental Health Disparities</td>
</tr>
</tbody>
</table>
Draft SMUD Sustainable Communities Risk Heat Map Scoring

- **Low Risk**
  - 0.5
  - 1
  - 1.5
  - 2.0
  - 2.5

- **Moderate Risk**
  - 3.0
  - 3.5
  - 4.0
  - 4.5
  - 5.0

- **High Risk**
  - 5.5
  - 6.0

**Color Indicator**
- **High Risk**: Red
- **Moderate Risk**: Yellow
- **Low Risk**: Green

Map showing heat risk distribution across different areas of Sacramento.
Sustainable Communities Initiative Methodology

- SMUD Purpose Alignment
- Partnerships: Conveners, Aligners, Implementer
- Targeted/Need Based Implementation and Strategic Metrics
- Community Impact - Triple Bottom Line
Sustainable Communities
Phase 1: Pilot Partnerships

- Responsible Investment for a Stronger Economy (RISE)
- City of Refuge
- Foster Youth Education Fund
- Franklin Business Improvement District
- Mutual Housing
- Pioneer Church
- Roberts Family Development Center
- Serve Sacramento
- Salvation Army
- University of Pacific
- Volunteers of America
- Single Mom Empowerment
- UC Davis
- Wells Fargo

- Sacramento State
- SMAQMD
- Valley Vision
- BERCC
- Promise Zone Coalition
- Urban Land Institute
- Elk Grove Chamber
- Citrus Heights
- Carmichael Chamber
- Greater Sacramento Economic Council
- City of Sacramento
- Folsom Chamber
- Rancho Cordova Chamber
- Safe Credit Union
- Simmons Center
- California Aerospace Museum
- Sacramento Kings

- Sacramento Metro Chamber
- Slavic Chamber
- Black Chamber
- Sacramento Asian Pacific Chamber
- Sacramento Hispanic Chamber
- Greater Sacramento Vietnamese Chamber
- Rainbow Chamber
- Nehemiah Emerging Leaders Program
- Red Cross
- Greater Sacramento Urban League
- Sierra Nevada Journeys
- RISE Program
- SAFE Credit Union
- SACOG
- Green Tech
- Blue Shield

Conveners Aligners Implementers

Targeted & Need Based Impact

Triple Bottom Line Outcomes
Near Term Accomplishments

What We’ve Done

• $17.8 Million of Aligned Partnership Dollars Allocated to Sustainable Communities Effort
• Sustainable Communities Heat Map Development
• Service Area Priorities Metrics Development
• Agency Coalition Building
• Corporate Partnership Recruitment
• Improved Utilization of SMUD Programs through Partnership
• Targeted Contribution Methodology Towards Under Resourced Communities

Key Partnership Wins

• Promise Zone Collaborative-
  • Energy Careers Pathways w/ Urban League
• Roberts Family Development Center- Building Remodel
• Mutual Housing- 160 Room Upgrades and EV Car Share
• RISE Program- SCI Reinvestment
• City of Refuge Partnership
• University of Pacific Reach for the Stars Academy
• ULI Health and Equity Task Force
Key Sustainable Community Outcomes

1. Contribute to Regional prosperity and equity by helping where the need is greatest.
2. Develop a Sustainable Communities Strategy Framework with measurable outcomes.
3. Leverage collaborative partnerships for greater sustainable impact.
Two Models of Disability

Medical Model of Disability: regressive & harmful
- The body/mind is “broken” compared to the able-bodied norm
- Bodies and health should be fixed medically, close to the AB norm
- Infrastructure designed for ABs is fine; PWDs’ extra needs are unusual

Social Model of Disability: inclusive & transformative
- Variance in bodies, minds etc. is normal & natural
- Inaccessible infrastructure & systems are “disabling,” creating inequities
- Infrastructure & systems need change for equity & inclusion
Direct Climate Impacts
- Damaged homes, infrastructure etc. from storms & other extreme weather
  - Heat-related illness and fatalities
  - Flooding coastlines & infrastructure
  - Crop failure & higher food prices
  - Consequences from poor air quality

Secondary Impacts
- Economic slow-downs & instability
  - Government problems
- Healthcare stress: higher costs, more need for services, fewer supplies, etc.
- Disrupted supply chains & goods delivery
  - Social unrest, conflict (possibly violent)
  - Mass migration from both direct & secondary impacts
Threatening the Social Model

Infrastructure & systems support the social model, such as:

- Accessible buildings, public spaces, transportation, homes, etc.
- Government supports, from SSI to Medicaid to in-home care
- Stable healthcare systems, including supplies
- Inclusive employment & social activities

Climate Change jeopardizes these systems. For example:

- Broken infrastructure becomes inaccessible
- Evacuation plans may not be fully inclusive
- Stressed governments may cut social services
- Broken production & delivery of supplies
- Power outages hit disability-related needs
# Adaptation and Climate Justice

## Mitigation vs. Adaptation

**Mitigation:** the main discussion  
- Stop and (hopefully) reverse climate change  
- Cut emissions, sequester CO2  

**Adaptation:** the unmet need  
- Prepare for C.C. in advance  
- Use the “precautionary principle”

## Mitigation & Climate Justice

- Slowing climate change reduces climate impacts for everyone  
- People with privilege may still have resources to adapt  
- Leftover warming is still unequal  
- May lay blame on PWDs & others for existing needs & actions

## Adaptation & Climate Justice

- Recognizes inevitable future C.C.  
- Can focus on those most vulnerable to climate impacts  
- Allows for “tailored” actions  
- Resilient infrastructure is new; can use universal access design/framework  
- Not mutually exclusive! Do both
# Examples for PWDs in California

<table>
<thead>
<tr>
<th>Impact</th>
<th>Forest Fires</th>
<th>Extreme Heat</th>
<th>Economic Harm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harms for PWDs</td>
<td>• Difficulty evacuating</td>
<td>• Physical difficulty with extreme heat</td>
<td>• PWDs have low employment and income - vulnerable</td>
</tr>
<tr>
<td></td>
<td>• Communication barriers</td>
<td>• Lower-quality housing</td>
<td>• Austerity threatens social services</td>
</tr>
<tr>
<td></td>
<td>• Medical &amp; personal care needs in shelters</td>
<td>• Less $$ for A/C bills</td>
<td>• Cascading impacts</td>
</tr>
<tr>
<td></td>
<td>• Cost of recovery</td>
<td>• Limited access to cooling centers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Dangers from PSPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Action</td>
<td>• Improve transportation, be responsive in emergencies</td>
<td>• Set up &amp; advertise accessible shelters</td>
<td>• Design resilient budgets &amp; services</td>
</tr>
<tr>
<td></td>
<td>• Support comms service</td>
<td>• Financial supports: retrofits &amp; A/C bills</td>
<td>• Get public support</td>
</tr>
<tr>
<td></td>
<td>• Shelter &amp; supports</td>
<td>• Housing policies</td>
<td>• Other financial empowerment</td>
</tr>
<tr>
<td></td>
<td>• Manage PSPS well</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Q&A
Equity in the Context of Climate Change
EQUITY ROUNDTABLE

Jackie Cole | VG Consulting
Equity Roundtable Priorities

1. Resources & Infrastructure for Basic Community Needs
2. Address Tree Canopy Disparity & Food Deserts
3. Urban Beautification & Neighborhood Revitalization
4. Workforce Development (particularly for low-income)
5. Partner with Existing Community Organizations
PRELIMINARY RECOMMENDATIONS FOR COMMUNITY HEALTH & RESILIENCY
Identifying Carbon Zero Strategies for Community Health & Resiliency

- Health
- Equity
- Resilience
- Carbon Zero
Climate Change & Health Vulnerabilities

- % Impervious Surface Cover
- Air Pollution (PM2.5 and Ozone)
- % Without Tree Canopy
- Overall Poverty Rate
- Projected Number of Extreme Heat Days

Ratio to State Average: 0, 0.2, 0.4, 0.6, 0.8, 1, 1.2, 1.4

Yolo County
Sacramento County

Climate Change & Health Vulnerability Indicators for California, California Department of Public Health
Urban Greening & Forestry
Sustainable Food Systems
Community Climate Resilience
Expand green infrastructure to provide a park or green space within a quarter mile of all residences by 2030 and eliminate tree canopy disparity by ensuring that all neighborhoods have a baseline canopy of 25% by 2030 and 35% by 2045, starting with historically marginalized communities and tree-deficient neighborhoods.
Reduce GHG emissions from food transport and waste by creating a circular, local, sustainable, regenerative food system and increasing the accessibility and affordability of healthy organic food for all communities by sourcing 25% of food locally by 2030 and 40% by 2045, and reducing 50% of aggregate food waste by 2025 and 75% by 2030.
Develop and adopt a plan to reduce exposure to climate change impacts by 2022 to prepare for, respond to, and recover from the greatest threats to public health and safety, including extreme heat, drought, flooding, and wildfires.
Carbon Zero Solutions for Community Health & Resiliency

Urban Greening & Forestry

Sustainable Food Systems

Community Climate Resilience
Clarifying Questions?
PUBLIC COMMENT
Community Health & Resiliency

1-2 minutes max per public comment
COMMISSION DISCUSSION

Urban Greening & Forestry
Sustainable Food Systems
Community Climate Resilience
FOUNDATIONAL PRINCIPLES

Julia Kim | Local Government Commission
Community Health & Resiliency

Built Environment

Mobility

Foundational Principles
KEY THEMES

- Community Engagement
- Education
- Regional Collaboration
- Accountability
- Urgency
PUBLIC COMMENT

Foundational Principles

1-2 minutes max per public comment
PUBLIC COMMENT
1-2 minutes max per public comment
Thank you!

www.lgc.org/climatecommission