Exhibit to Agenda Item #1

Provide the Board an update regarding ongoing work by **Sustainable Communities** and its alignment with the **2030 Zero Carbon Plan**.

Board Energy Resources & Customer Services Committee and Special SMUD Board of Directors Meeting

Wednesday, April 14, 2021, immediately following the Finance & Audit Committee meeting scheduled to begin at 5:30 p.m.

Virtual Meeting (online)

Sustainable Communities and SMUD's 2030 Clean Energy Vision:
Ensure Equity and Leave No Community Behind

Sacramento Region Inclusive Economic Conditions- 2018-2020 Sustainable Communities Outcomes

Racial Inclusion- 31 (Improved 15 spots)

- Change in Employment gap- 46
- Change in median earning s gap- 25
- Change in relative poverty gap- 21

Geographic Inclusion- 30 (Decreased 7 spots)

- Change in neighborhood employment gap- 18
- Change in median household gap- 48
- Change in neighborhood poverty gap- 21

Growth- 34 (even)

- Change in Jobs- 27
- Change in Gross Metropolitan Product- 30
- Change in jobs at young firms- 45

Prosperity- 33 (Improved 1 spot)

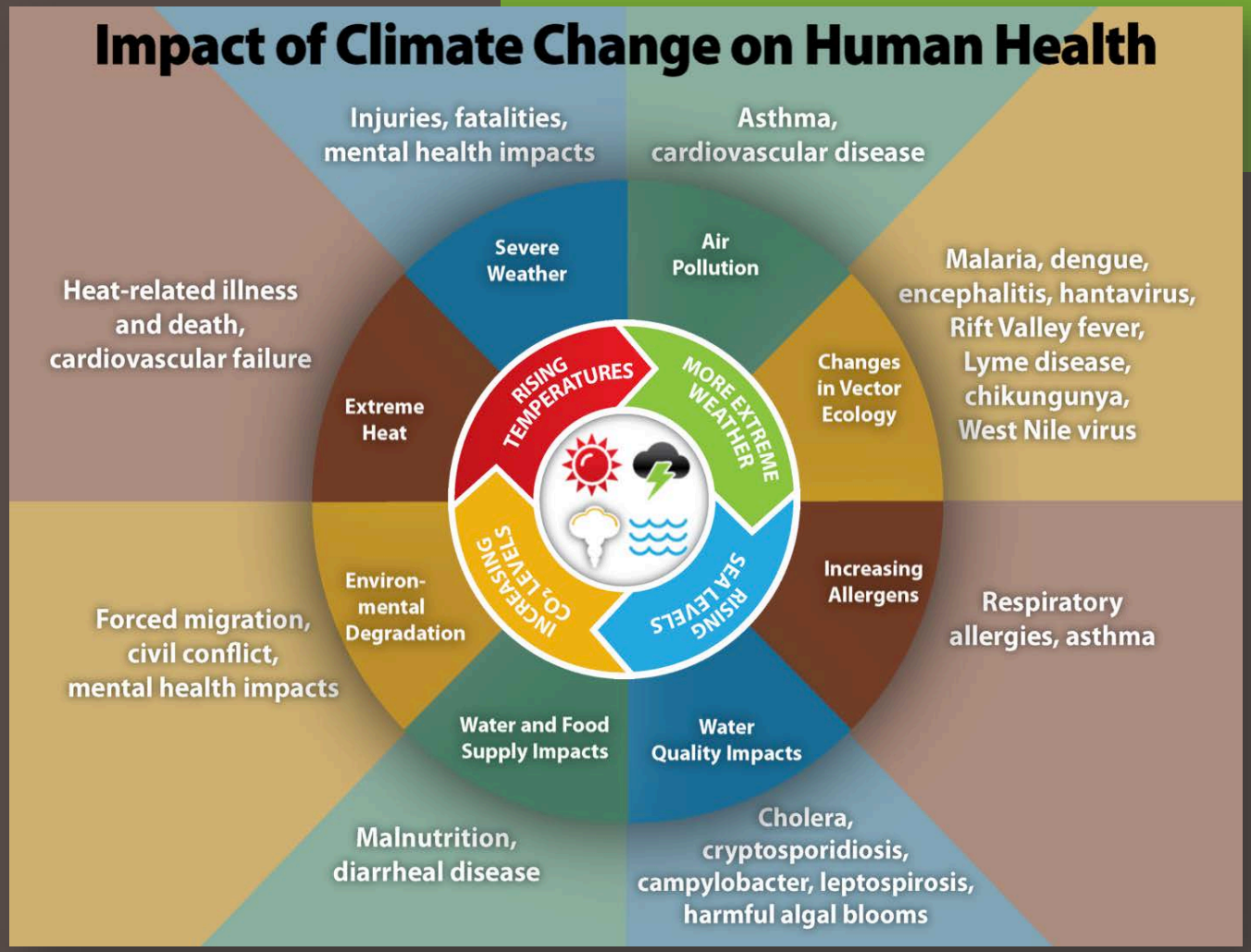
- Change in Productivity- 34
- Change in average annual wage- 30
- Change in standard of living- 37

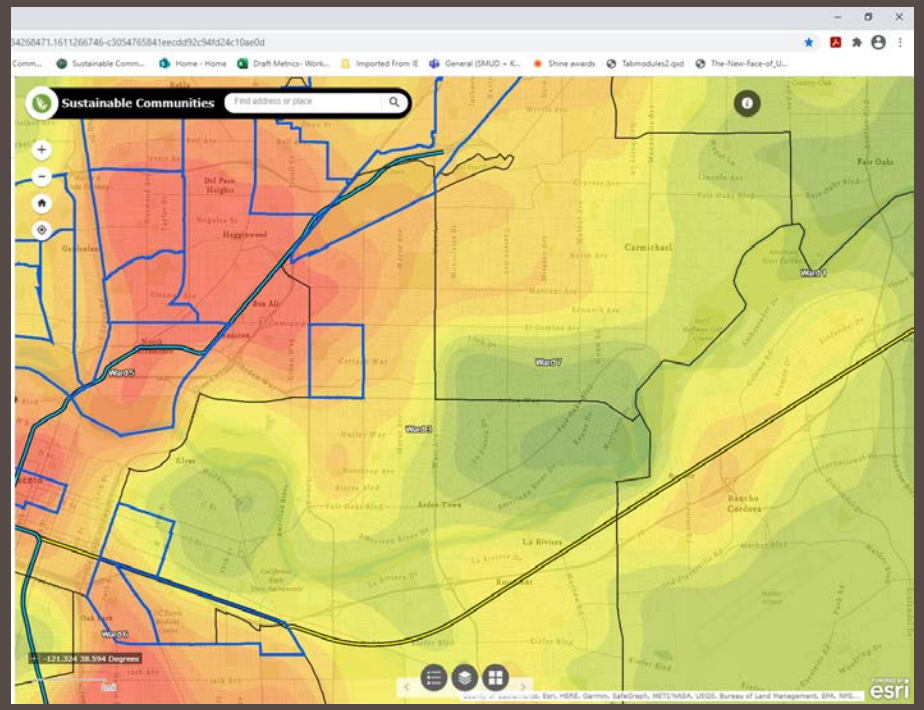
Inclusion-15 (Improved 5 spots)

- Change in employment rates- 11
- Change in median earnings- 27
- Change in relative poverty rate- 9

2020 Sacramento Region Economic Outcomes- Post COVID-19 (Brookings Institute- March 2021)
COVID-19 cases
N/A
Jobs
−7.3%
Unemp. rate
+4.6%
Job postings
+9.7%
Air passengers
−61.2%
Work trips
−36.5%
Small biz hours
−34.3%
Small biz open
−27.7%
Active listings
−52.0%
Listing price
+19.8%
Commercial vacancies
+0.4%
Multifamily rent
+7.5%

> **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.**





SMUD

Sustainable Communities 2030 Vision Alignment: Inclusive Connector, Convenor, and Educator

- Advance Sustainable Communities
- Develop Mapping and Metrics
- Measure Partnership Impact
- Improve Internal & Regional Collaboration
- SMUD's Value Proposition with Customers and the Community

Partnering

2030 Clean Energy Vision

Innovation

- **Improve local air quality & community health in target areas**
- **Improve Community Resilience through Programs and Education**
- **Ensure 2030 Implementation Equity: Strengthen all communities**
- **Equitable Workforce Pipeline and Business Creation**
- **Build from Position of Trusted Partner**

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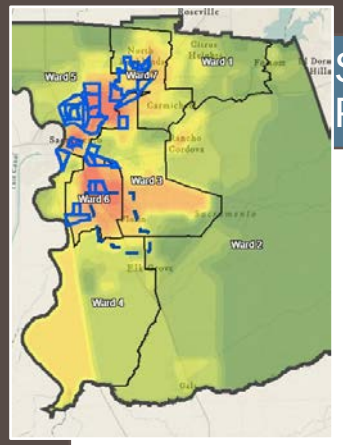
Sustainable Communities Team



Sustainable Communities Partnerships

- Multi-Year, Non-Profit Partnerships and MOUs
- Shine Awards
- Regional Grant Alignment
- Underserved Community Resource and Analysis

Regional Workforce Development

- Inclusive Regional Workforce Pipeline Development
- Regional Job Readiness Alignment and Program Design
- Green and Electric Job Curriculum Coordination

Economic Development & SEED

- Economic Development Partnerships
- SEED Program
- Non-Profit Loan Program
- Non-Profit Community Resource Liaison

Community Education & Technology

- Education Partnerships and MOUs
- Residential and Commercial Education
- STEM Fairs and Competitions
- Teacher Resources and Curriculum

SMUD Impact Through Partnerships

COMMUNITY EDUCATION & TECHNOLOGY

SCHOOLS & EDUCATION INSTITUTIONS
- Sac State
- Cosumnes River College
- K-12 School Districts

INDUSTRY AND TRADE GROUPS
- American Institute of Architects (AIA)
- National Energy Education Development (NEED)
- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

NON-PROFITS
- Aerospace Museum
- Breakthrough Sacramento
- Breathe CA

COMMUNITY TRAINING & EDUCATION
- Schools (Teachers and Students)
- Residential
- Commercial
- Online Trainings
- STEM Fairs and Trainings

ECONOMIC DEVELOPMENT & PARTNERSHIPS

INNOVATION
- Cleanstart
- StartUp Sac
- Hacker Lab
- Innogrove

BUSINESS ATTRACTION, RETENTION & EXPANSION
- Greater Sacramento Economic Council (GSEC)
- TEDcorp

REGIONAL INITIATIVES & BUSINESS ADVOCACY
- Valley Vision / Prosperity Strategy
- Sacramento Metro Chamber/ Cap to Cap
- Business Advisory Council

SMALL BUSINESS DEVELOPMENT (SEED)
- $74,000,000 in SEED Awards
- Chambers of Commerce
- Business Environmental Resource Center

COMMUNITY PARTNERSHIPS & WORKFORCE

METRICS
- Power Bi Dashboard
- Sustainable Communities Metrics Impact
- Quarterly Report
- Resource Priority Mapping

NON-PROFITS
- Salvation Army
- Promise Zone
- La Familia
- Community Resource Liaison
- MicroLoan Program
- Shine Award
- Online Summits

REGIONAL WORKFORCE DEVELOPMENT
- California Mobility Center (CMC)
- Energy Careers Pathways
- Green Jobs Summit

Over 130 Partners

Sustainable Communities (SC)

Community Relations, Outreach & Events (CROE)

Residential & Assistance Delivery(RAD)

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Sustainable Communities Partnership Pipeline

Our Pillars
- Social Well Being
- Healthy Environment
- Prosperous Economy
- Mobility

Aligned Fit
- SMUD Mission and Vision Alignment
- Sustainable Community Lens
- Inclusive and Equitable

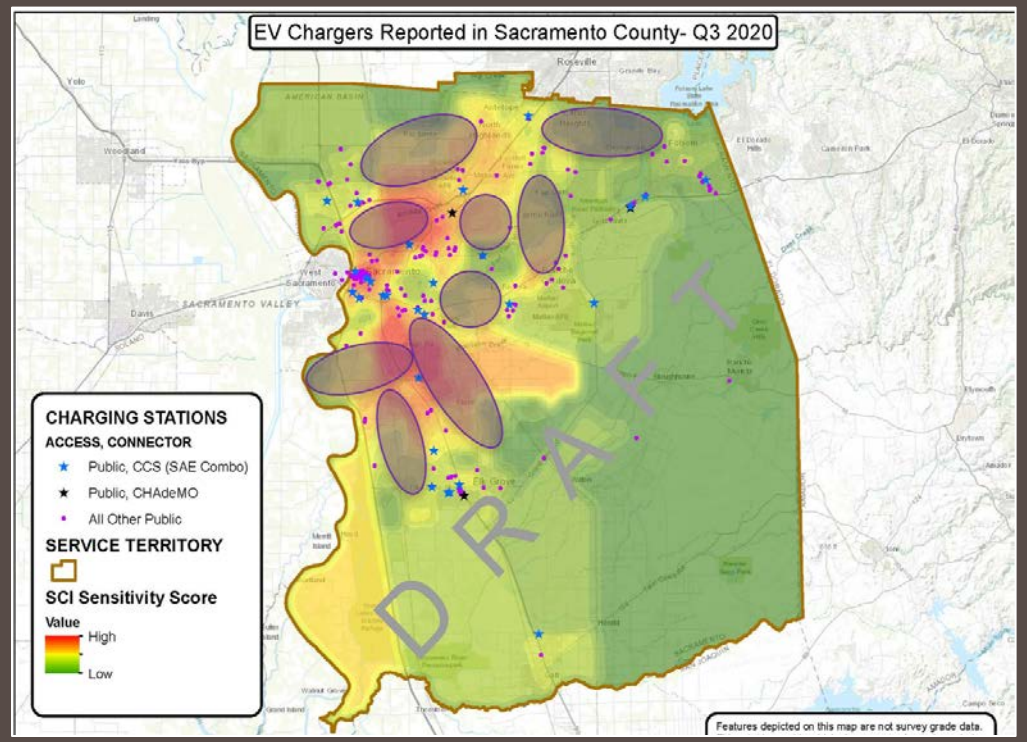
Value Add
- Collective Impact Leverage Resources
- Trusted Relationships
- OneSMUD approach

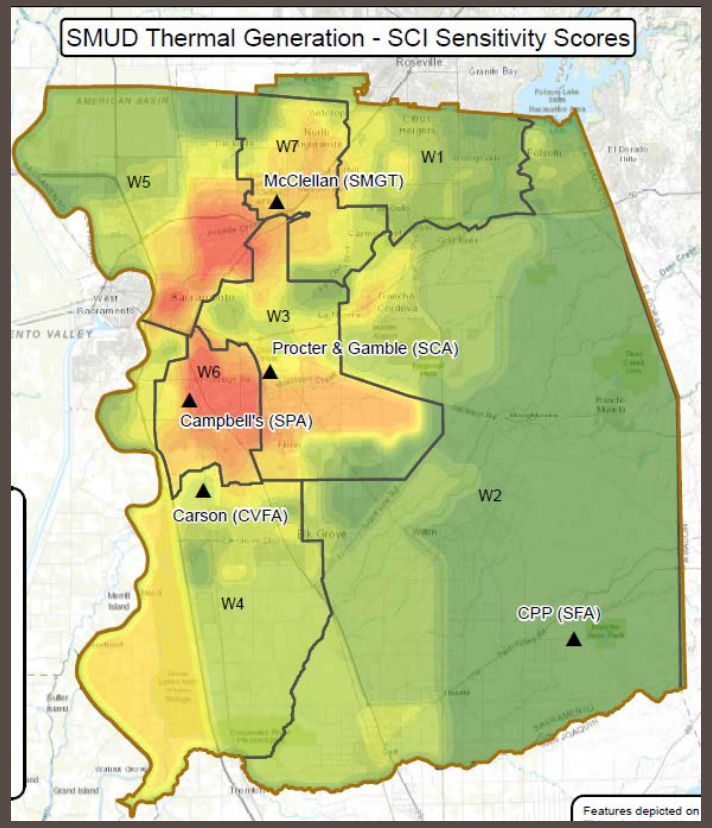
2030 Plan
- Environmental Justice Communities
- 2030 Vision and Plan Alignment
- Educate and Employ Carbon Zero Workforce

- Multi year partnerships
- Collective Impact through Shine Awards
- Strategic Alignment- Shared Priorities
- Regional Funding and Grant Opportunities
- Community Education Opportunities
- Pilot Launch Opportunities

United Nations Environmental Justice Principles

- Prioritize human health and quality life
- Do no further harm
- Prioritize Environmental Justice Communities
- Meaningful Community Engagement
- Be Responsive
- Be Accountable
- Be Transparent
- Engage in Proactive Partnerships





Sustainable Communities Mapping and Metrics

Ensuring Equitable Outcomes

Regional Workforce Development

Eco Alpha Environmental & Engineering Services
The Energy Baron Program will provide workforce training, development and ultimately job placement opportunities to students under two cohorts.

Energy Careers Pathways
Educates adults ages 18 and up in the hands-on technical skills needed to work in the solar energy field.

Mobility & Advanced Manufacturing Careers Pathways Program
Prepares students for careers in Advanced Manufacturing as a precursor to careers in the fledgling clean mobility technology sector.

Powering Careers
Provides education, builds pathways, and develops skills that enhance diverse employability in Sacramento Region.

Listen the Community, Continue the Work, Tell Our Story

Grid Alternatives – Electric Vehicle (EV) Charging and Solar Installation

Youth Energy Summit -

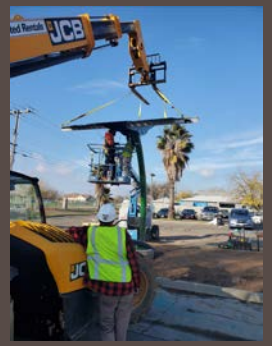
K-University, Commercial and Residential Education-

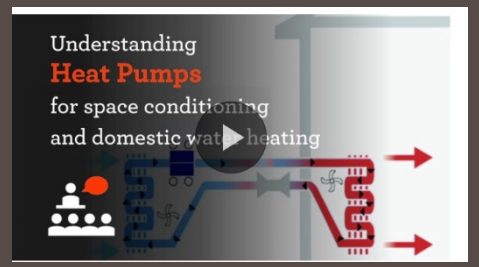
Leveraging partnerships for collective impact:

- California Conservation Corps
- Green Tech
- Stanford Settlement
- Sacramento Native American Health Center
- Habitat for Humanity
- City Church/UC Davis/Shiloh Baptist Church
- Eco Alpha/Promise Zone
- City Year

Regional Priorities Leadership Alignment

- Anchor Institutions Collaborative
- Regional Prosperity Plan





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2021- Sustainable Communities Priorities: 2030 Leave No Community Behind Through Inclusive Community Partnerships, Pilots, and Programs

Partnerships

- Leverage role as convener to develop shared community goals around 2030 Vision (Community, Business, and Non-Profits); Develop equitable community pilots with partners

Inclusion

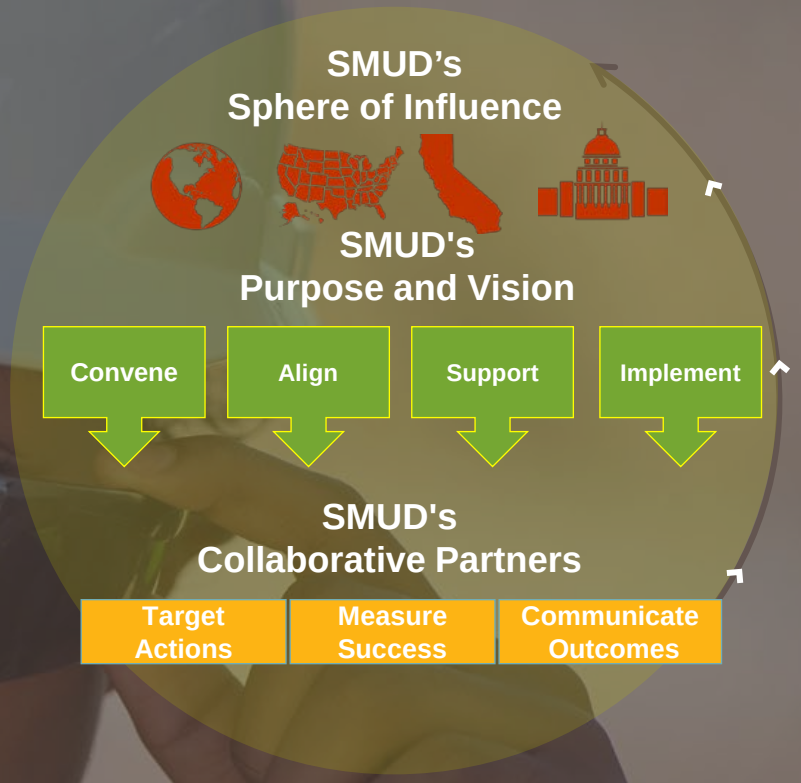
- Ensure plan and vision represent and include all of our customers; meets communities where they are

Education

- Provide mechanisms to educate students and community members on the value, need, and benefits of the 2030 plan; help onboard STEM, income eligible and efficiency programs

Regional Work Force Development

- Development of job training pipeline, creation, internships and workforce development programs; regional alignment and culturally inclusive onboarding through partnerships

Economic Development- Collective Impact

- Identify grant and funding opportunities focused on inclusive job creation, workforce development, electrification, energy storage, and electric vehicle (EV) infrastructure