

Facilities Advisory Committee (FAC) Meeting Minutes – January 12th, 9:00 am Via Zoom

I. Welcome & Confirmation of Quorum

It was confirmed that we met the quorum established by Chancellor's Council.

Guests in attendance included Krystal Trussell, Joe Cabrales, Ray Carlos, Laura Estrada and Elaine Akers.

Michael Nguyen, the Co-chair, called the meeting to order at 9:09 am. Dave Stevenson motioned for approval of minutes from the October 27, 2021 meeting, which Amanda Ward seconded. The motion was unanimously approved. There were no NOES or ABSENTIONS.

II. Current Topics

A. Mask Exemption Subcommittee

At the October meeting, the committee approved the establishment of a Mask Exemption Subcommittee to review mask exemptions submitted by students. Michael Nguyen presented a proposed charge for the subcommittee: "Reviewing student requests for exemptions from the District's COVID-19 face-covering mandate. Members of the subcommittee examine exemptions and justifications, participate in the discussion, and recommend to site safety officers in recommending and granting exemptions in accordance with the state, local, and federal public-health guidance."

After some discussion, Dave Stevenson made a motion to reject the charge as written with the intent to revise, Ryan Smith seconded the motion.

YES: Dave Stevenson, Ryan Smith, Robert Jenkins, Michael Nguyen, Leilani Nunez, Sarah Yearyean, Hassan Mirza, Mike Strong

NO: Yash Patel

ABSTAIN: Amanda Ward, Debra Castro

B. Sustainability Plan

Topic not discussed in this meeting, with the intent to revisit at the February 9, 2022 Meeting.

III. Adjournment

Michael Nguyen adjourned the meeting at 10:03 am.



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QUORUM: Definition of Quorum is established by Chancellor's Council. Committees cannot vote or make decisions unless they have met quorum, but in order to encourage participation, committee members can provide a designee or a proxy if they are not able to attend.

Met?	
x	50% + one of appointed* voting members (9 members)
Х	Two persons from each site (CHC, SBVC, DSO)
Х	Three of four constituent groups represented (faculty, classified, student, management)

	Representation	Member	Present	Absent
1)	Director Facilities Planning, Emergency Management & Construction - Chair	Farrah Farzaneh		Х
2)	Associate Director of Environmental Health, Emergency Planning & Safety Administration - Co-Chair	Michael Nguyen	x	
3)	VP, Administrative Services (CHC)	Mike Strong	X	
4)	VP, Administrative Services (SBVC)	(pending appointment)		
5)	Facilities Director (CHC)	Larry Cook	Х	
6)	Facilities Director (SBVC)	Bob Jenkins	X	
7)	Measure CC Campus Project Manager (CHC)	Leilani Nunez	х	
8)	Measure CC Campus Project Manager (SBVC)	Ryan Smith	Х	
9)	Sustainability & Energy Manager	Yash Patel	х	
10)	Facilities Project Manager	Hassan Mirza	Х	
11)	Emergency Manager	Paul Walker		X
	TESS Representative	(pending appointment)		
12)	Police Department Representative	Kenneth Owens		X
13)	Faculty Representative, CHC	Amanda Ward	Х	
	Faculty Representative, SBVC	(pending appointment)		
	CTA Representative	(pending appointment)		
14)	CSEA Representative	Dave Stevenson	x	
15)	Classified Representative	Sarah Yearyean	х	



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Met?	
x	50% + one of appointed* voting members (9 members)
X	Two persons from each site (CHC, SBVC, DSO)
X	Three of four constituent groups represented (faculty, classified, student, management)

Representation	Member	Present	Absent
16) Associated Student Government Representative (CHC)	Amr Bahiri		Х
Associated Student Government Representative (SBVC)	(pending appointment)		
17) KVCR Representative	Cheryl Alexander		x
EDCT Representative	(pending appointment)		
18) Print Shop Representative	Debra Castro	x	
Black Faculty & Staff Representative	(pending appointment)		
Latino Faculty & Staff Representative	(pending appointment)		

Facilities Advisory Committee (FAC) Meeting

Via Zoom: https://cccconfer.zoom.us/j/94289042512

Or Dial-In: 669-900-6833 Meeting ID: 942 8904 2512

January 12, 2022

Agenda

Welcome & Confirmation of Quorum

- 2 Current Topics
 - A. Mask Exemption Review Subcommittee
 - Committee Membership
 - Quorum Discussion
 - Review of Proposed Charge
 - Meeting Frequency and Schedule
 - B. Sustainability Plan

- **Future Topics**A. Regular Meeting Date and Time
- **4** Adjournment

Call to Order....

 QUORUM: Definition of Quorum is established by Chancellor's Council. Committees cannot vote or make decisions unless they have met quorum, but in order to encourage participation, committee members can provide a designee or a proxy if they are not able to attend.

50% + one of appointed* voting members (9 members)

Two persons from each site (CHC, SBVC, DSO)

Three of four constituent groups represented (faculty, classified, student, management)

Membership Position	Name	Present	Absent
Director Facilities Planning, Emergency Management & Construction	Farrah Farzaneh, Chair		х
Associate Director of Environmental Health, Emergency Planning & Safety Administration	Michael Nguyen, Co-Chair	Х	
VP, Admin Services, CHC	Mike Strong	х	
Facilities Director, CHC	Larry Cook		
Facilities Director, SBVC	Bob Jenkins	х	
Measure CC Campus Project Manager	Leilani Nunez	Х	
Measure CC Campus Project Manager	Ryan Smith	х	
Sustainability and Energy Manager	Yash Patel	х	
Facilities Project Manager	Hassan Mirza	х	
Emergency Manager	Paul Walker		
Police Department Representative	Kenneth Owens		
Faculty Representative, CHC	Amanda Ward	х	
CSEA Representative, CHC	Dave Stevenson	Х	
Classified Representative, SBVC	Sarah Yearyean	Х	
Associated Student Government President or Designee, CHC	Amr Bahjri		
KVCR Representative	Cheryl Alexander		
Print Shop Representative	Deborah Castro	Х	

^{*50% +1} will be calculated using 50% of total appointed members (not 50% of appointed members plus vacancies).



Approval of Meeting Minutes From 10/27/2021

Name	Yes	No	Abstain
Farrah Farzaneh, Chair			
Mike Strong	х		
Michael Nguyen, Co-Chair	х		
Larry Cook	Х		
Bob Jenkins	х		
Leilani Nunez	Х		
Ryan Smith	х		
Yash Patel	х		
Hassan Mirza	х		
Paul Walker			
Kenneth Owens			
Amanda Ward	х		
Dave Stevenson	х		
Sarah Yearyean	х		
Amr Bahjri			
Cheryl Alexander			
Debra Castro	х		

Outstanding FAC Appointments

- VP, Admin Services, SBVC
- TESS Representative
- Faculty Representative, SBVC
- CTA Representative
- Classified Representative, CHC
- Classified Representative, SBVC
- Associated Student Government President or Designee, SBVC
- EDCT Representative
- Black Faculty & Staff Representative
- Latino Faculty & Staff Representative

Mask Exemption Review Subcommittee

- 1. Review of Proposed Charge
- 2. Committee Membership, Selection of Chairs
- 3. Quorum Discussion
- 4. Meeting Frequency and Schedule

Mask Exemption Review Subcommittee Proposed Charge

- Reviewing student requests for exemptions from the District's COVID-19 face covering mandate.
- Members of the sub-committee examine exemptions and justifications, participate in discussion, and recommend to site safety officers in recommending and granting exemptions in accordance with the state, local, and federal public-health guidance.

Approval of Mask Exemption Review Subcommittee Reject the charge as its written with the intent to revise

Name	Yes	No	Abstain
Farrah Farzaneh, Chair			
Mike Strong		Х	
Michael Nguyen, Co-Chair	х		
Larry Cook			
Bob Jenkins	х		
Leilani Nunez	Х		
Ryan Smith	х		
Yash Patel		Х	
Hassan Mirza	х		
Paul Walker			
Kenneth Owens			
Amanda Ward			х
Dave Stevenson	х		
Sarah Yearyean	х		
Amr Bahjri			
Cheryl Alexander			
Debra Castro			Х

Mask Exemption Review Subcommittee Membership

Consideration for sub-committee membership:

- 1. SBVC Student Services departments
- 2. CHC Student Services departments
- 3. SBVC Student Health Services
- 4. CHC Health & Wellness Centers
- 5. Human Resources
- 6. District Support Operations
- 7. Faculty (Optional)
- 8. Staff (Optional)



Mask Exemption Review Subcommittee Quorum Establishment

Considerations:

- 1. 50% + one of appointed* voting members or proxy
- 2. One person from each site (CHC, SBVC, DSO)
- 3. Department Representation
 - Student Services
 - Student Health
 - Human Resources



^{*50% +1} will be calculated using 50% of total appointed members (not 50% of appointed members plus vacancies).

Mask Exemption Review Subcommittee Frequency

Considerations:

- Monthly
 - or
- As needed



Approval of Mask Exemption Review Subcommittee Membership

Name	Yes	No	Abstain
Farrah Farzaneh, Chair			
Mike Strong			
Michael Nguyen, Co-Chair			
Larry Cook			
Bob Jenkins			
Leilani Nunez			
Ryan Smith			
Yash Patel			
Hassan Mirza			
Paul Walker			
Kenneth Owens			
Amanda Ward			
Dave Stevenson			
Sarah Yearyean			
Amr Bahjri			
Cheryl Alexander			
Debra Castro			

Approval of Mask Exemption Review Subcommittee Quorum Establishment and Frequency

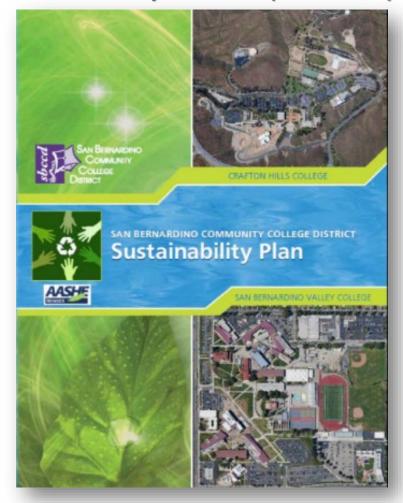
Name	Yes	No	Abstain
Farrah Farzaneh, Chair			
Mike Strong			
Michael Nguyen, Co-Chair			
Larry Cook			
Bob Jenkins			
Leilani Nunez			
Ryan Smith			
Yash Patel			
Hassan Mirza			
Paul Walker			
Kenneth Owens			
Amanda Ward			
Dave Stevenson			
Sarah Yearyean			
Amr Bahjri			
Cheryl Alexander			
Debra Castro			



Sustainability Plan Development

History of Sustainability at the District

Sustainability Plan 2012 (Version 1.0)





Sustainability Plan 2012

- 1 Create a Campus-wide Culture of Sustainability
- 2 Incorporate Sustainability Into the Development of New and Renovated Facilities
- Invest in Renewable Energy and Energy Efficiency Programs
- Develop a More Sustainable Transportation System
- Develop a More Sustainable System for the Purchase of Supplies & Materials
- 6 Enhance Curricular Educational Opportunities for Sustainability
- Testablish a Commitment to Climate Action

Draft Sustainability Plan 2022 Focus Areas

1. Carbon Mitigation



2. Energy



3. Water



4. Transportation



5. Materials



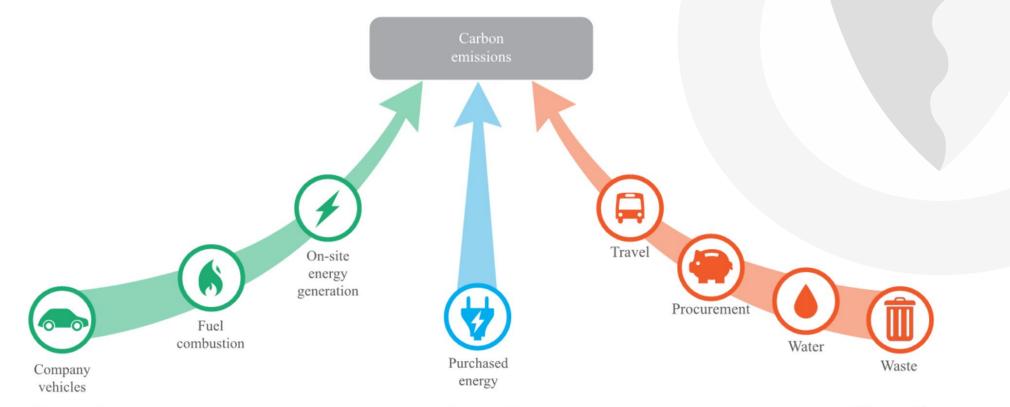
6. Education



7. Ongoing Engagement & Transparency



Carbon Emissions Scope



Scope 1

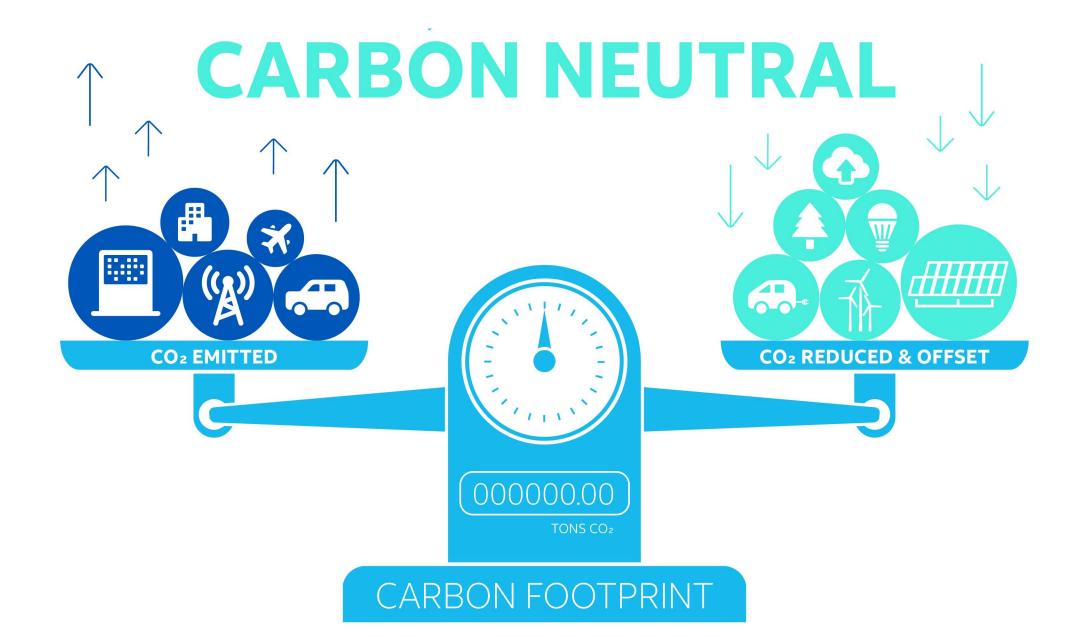
Emissions from sources you own or control, such as boilers and fleet vehicles you own.

Scope 2

Indirect emissions from the generation of purchased electricity, heat, steam etc.

Scope 3

Indirect emissions which result from the organization's activities such as travel, procurement, water and waste.



Carbon Mitigation

Goals

• Carbon neutrality by 20XX in scope 1 and 2 emission. Manage scope 3 emissions through the implementation of a "Sustainability Task Force"

Initiatives

- Complete a GHG inventory (Scope 1, 2 and 3) and update it annually
- Complete a Climate Action Plan to meet or exceed campus goals



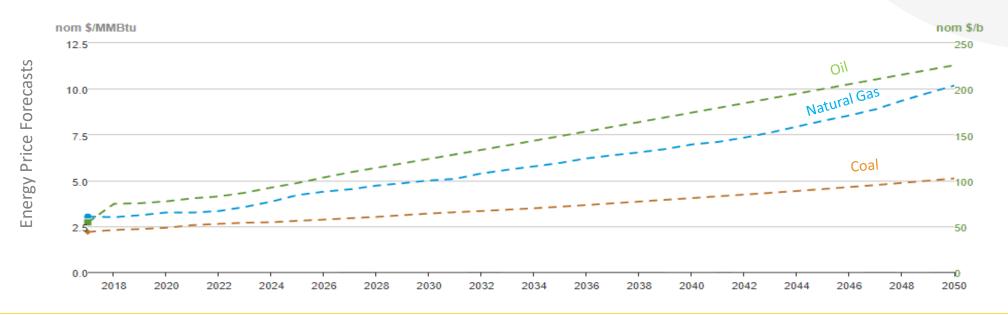
Zero Net Energy

Drivers

- Climate goals
- Rising energy costs
- Grid uncertainty
- Desire for healthy buildings

Benefits

- Energy resilience
- Lower operational cost
- Media attention
- Avoiding legislative restrictions
- Employee and student retention and productivity
- Innovation and exemplar technology



Zero Net Energy

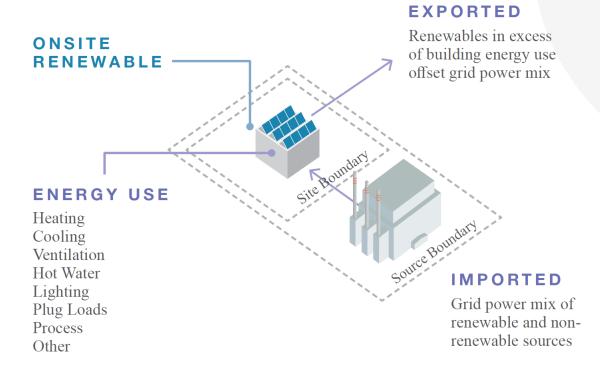
Scale



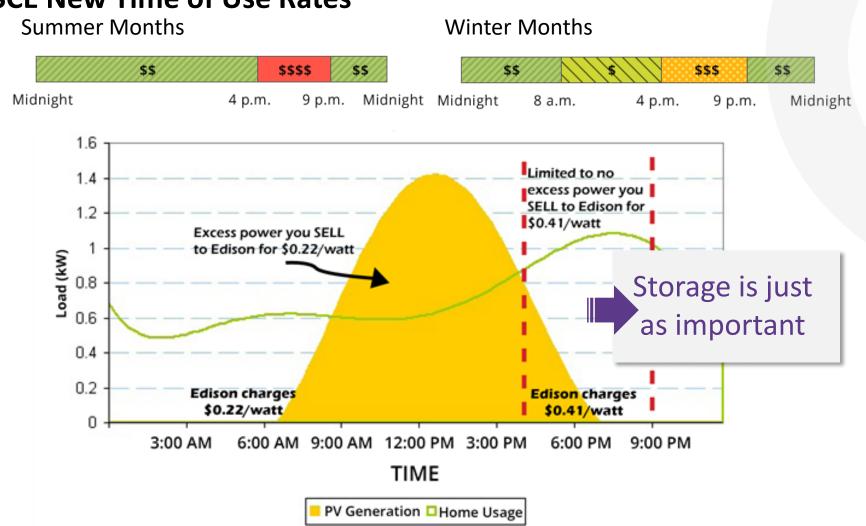




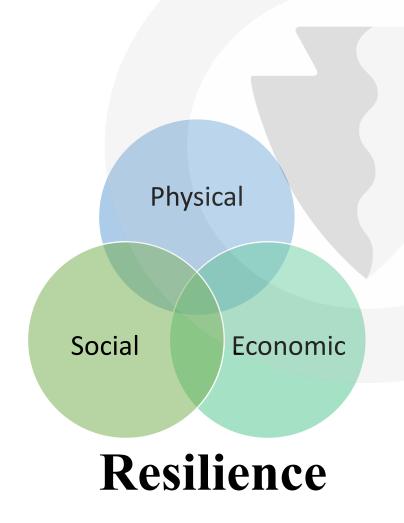
Site vs. Source

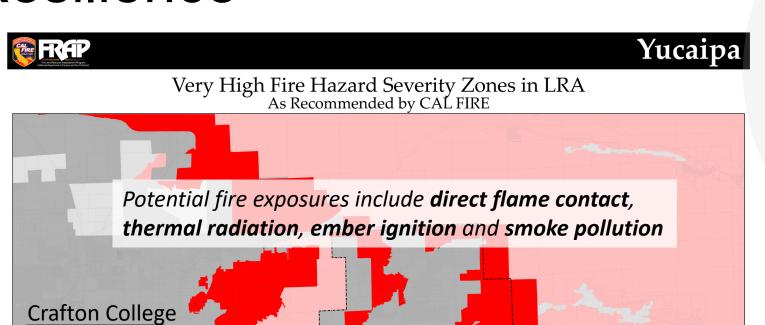


SCE New Time of Use Rates



The capacity of individuals, communities, institutions, businesses, and systems to survive, adapt, and grow no matter what kinds of chronic stresses and acute shocks







The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be disable under any officer, special, incontent, or consequential damages with Mike Chrisman, Secretary for Resources, respect to any claim by any user of third party on account of, or arising inform, the user of data or maps.

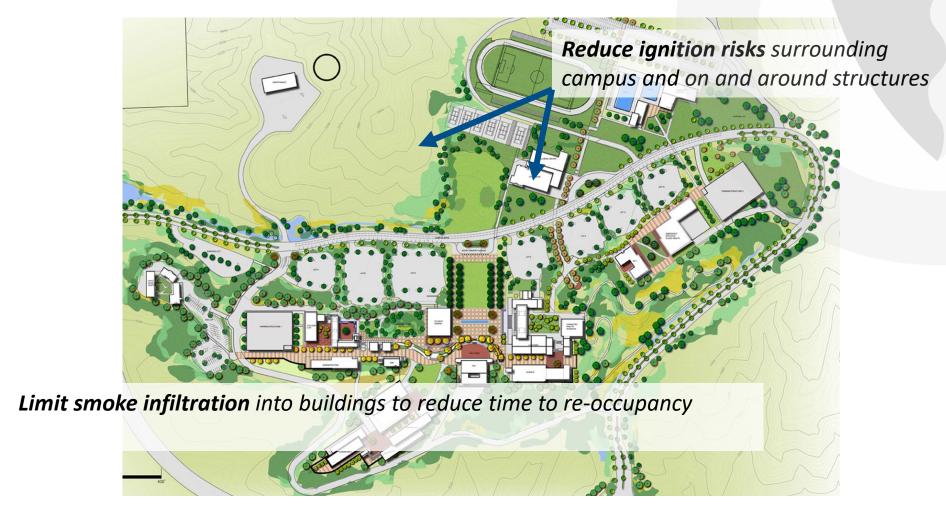
The Resources Agency
Ruben Gigilary Director.

For more information, contact CAL FIRE-FRAP, PO Box 944246, Sacramento, CA 94244-2460, (916) 327-3939.

Amold Schwarzanegger, Governor,
State of California
Mike Chrisman, Secretary for Resources,
The Resources Agency
Ruben Gigilary Director.

Data SOURCES
Department of Forestry and Fire Protection
CAL FIRE Fire Hazard Seventy Zones (FHSZLIGE_5)

Fire Exposure Mitigation – Landscaping, Buildings and Human Health



Fire Exposure Mitigation – Planning, Situational Awareness and Evacuation



Goals

- Conduct a ZNE-campus feasibility study and implement initiatives to move towards ZNE campus
- Continue to focus on existing building efficiency
- Maximize on-site renewable energy generation
- Move towards an all-electric approach for new construction and major renovations
- Establish a Community Resilience Hub on each campus
- Collaborate with local utility to maximize costeffectiveness of energy initiatives

Initiatives

- Design the new Technical building to be ZNE Ready
- Conduct a district-wide electrification study
- Pilot microgrids and energy storage at campus
 Community Resilience Hubs
- Implement solar energy masterplan at District-wide
- Expand energy metering networks and sub-meter at high-energy-intensity sites
- Collaborate with Southern California Edison and other organizations to utilize incentives and grants

Building Water Efficiency

Fixture / Fitting	CAL Green Mandatory
Toilet	1.28 gpf
Urinals	0.125 gpf
Lavatory Faucets	0.5 gpm
Kitchen Sink	1.8 gpm
Shower	1.8 gpm

CALGreen

- Tier 1 12% reduction in potable water use below required
- **Tier 2** 20% reduction







Site Water Efficiency

Vegetation



Irrigation Efficiency









- >90% water efficiency
- Less water loss from evaporation
- Xeriscaping

Stormwater Runoff



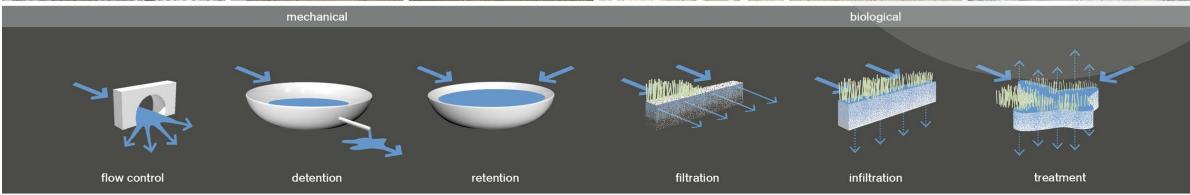












 \rightarrow spread

slow -

flow control: The regulation of stormwater runoff flow rates.

detention: The temporary storage of stormwater runoff in underground vaults, ponds, or depressed areas to allow for metered discharge that reduce peak flow rates.

retention: The storage of stormwater runoff on site to allow for sedimentation of suspended solids.

filtration: The sequestration of sediment from stormwater runoff through a porous media such as sand, a fibrous root system, or a man-made filter.

infiltration: The vertical movement of stormwater runoff through soil, recharging groundwater.

treatment: Processes that utilize phytoremediation or bacterial colonies to metabolize contaminants in stormwater runoff.

Goals

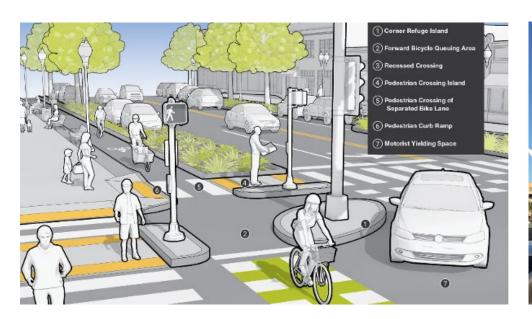
- Reduce potable water use by 20% by 2025, and 25% by 2030
- Utilize native and adaptive vegetation to minimize irrigation water use
- All new construction and major renovations shall achieve CALGreen Tier 1 prerequisites for indoor and outdoor water use

Initiatives

- Retrofit existing building indoor water fixtures and fittings to meet CALGreen
- Identify opportunities for native and adaptive vegetation at the new Technical Building
- Dual piping in all new construction, when recycled water is available
- Expand water metering networks and submeter at high-water-intensity sites

Transportation

Micro-mobility







Planning for **safety** and **efficiency** of operations to accommodate and encourage micro-mobility and rideshare trends

Transportation

Electric Vehicles
Campus Fleet Vehicles

ZEV fleet conversion,
Staged through procurement policies





Faculty and Students

Anticipate transportation demands and patterns of facilities, faculty and students



Near-term and long-term design of electrical **network** and **charging** infrastructure **capacities**

Transportation

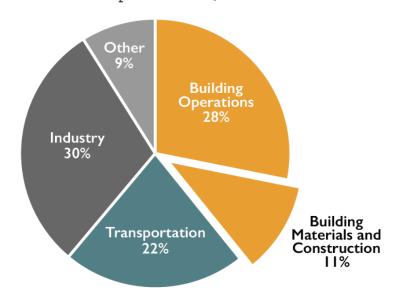
Goals

- Add Electric Vehicle (EV) Charging infrastructure to promote electric vehicles
- Establish a TDM plan to encourage alternative modes of transport and reduce single-occupancy vehicles demand
- All new purchases of fleet vehicles must be zero emissions by 2025, to achieve a full conversion of the fleet by 2040

- Continue with transit subsidy scheme
- Build out all EV-capable parking spaces required by Title 24 with EV charging infrastructure
- Develop a district-wide mobility plan

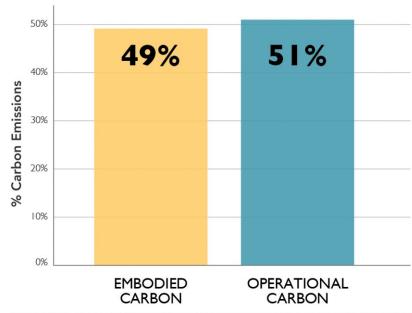
Embodied Carbon

Global CO, Emissions by Sector



Source: © 2018 2030, Inc. / Architecture 2030. All Rights Reserved. Data Sources: UN Environment Global Status Report 2017; EIA International Energy Outlook 2017

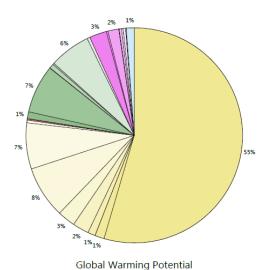
Total Carbon Emissions of Global New Construction from 2020-2050 Business as Usual Projection

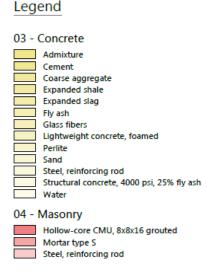


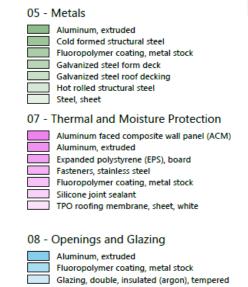
© 2018 2030, Inc. / Architecture 2030. All Rights Reserved. Data Sources: UN Environment Global Status Report 2017; EIA International Energy Outlook 2017

Whole-building lifecycle assessment









	Acidification Potential (kgSO2eq)	Eutrophication Potential (kgNeq)	Global Warming Potential (kgCO2eq)	Ozone Depletion Potential (CFC-11eq)	Smog Formation Potential (kgO3eq)	Primary Energy Demand (MJ)	Non-renewable Energy Demand (MJ)	Renewable Energy Demand (MJ)	Mass (kg)
Baseline (typical cement mix)	320,092	15,564	69,647,095	1.27	4,555,735	602,722,891	576,889,241	25,928,986	139,714,746
As-Designed (low-GWP concrete mixes)	280,400	14,649	61,930,455	1.21	4,051,094	571,850,604	545,971,939	25,971,372	139,887,038
Design compared to baseline	-12%	-6%	-11%	-5%	-11%	-5%	-5%	0%	0%

Procurement Policies

- Embodied carbon
- Health impacts
- Postconsumer recycled content
- Reuse

GUIDANCE: STRUCTURAL COMPOSITE WOOD















Waste Diversion
Source Reduction and Reuse

Facilities and Operations

Infrastructure Event policies Education

Students, Faculty and Staff

- Procurement policies
- Single-use items and reuse opportunities
- Circular economy Upcycling byproducts or waste products
- Increase water bottle filling stations



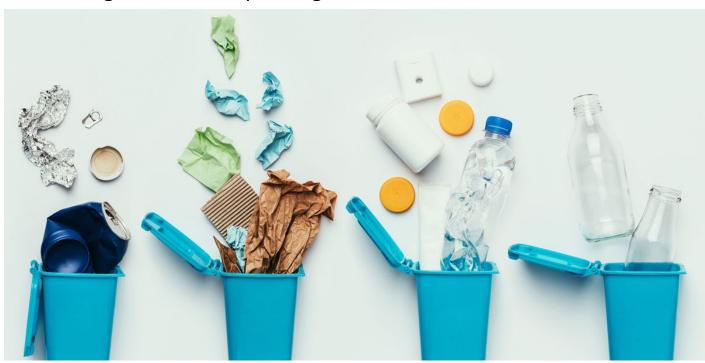




Waste Diversion

Recycling and Composting

- Waste audits frequency, comprehensiveness
- Comprehensiveness of recycling program
- Integration of compositing infrastructure





Goals

- Reduce waste going to landfill by 25% compared to current levels by 2025, and 50% by 2030
- Increase procurement of sustainable products and services by 20% compared to current levels by 2025, and 25% by 2030

- Track waste diversion percentages
- Task the Sustainable Task Force with reviewing annual waste audits and evaluating strategies to improve waste diversion percentages
- Establish a district-wide procurement policy that includes sustainable alignment on vendor procurement practices
- Explore opportunities for a reusable dishware program at campus eateries through a feasibility study

Education

Host Partnership events and conferences

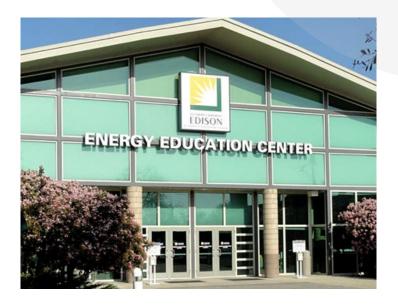
- Illustration of stewardship and academia talent
- Educational opportunity

Sustainability and resilience education center for larger community









Education

Goals

- Expand knowledge of sustainability across all campus communities
- Enhance educational opportunities for sustainability
- Establish the campus as a living laboratory

- Integrate aspects of sustainability into a wide range of educational platforms
- Partner with organizations to offer sustainable accreditation courses (e.g. CERT training, LEED)
- Involve students in sustainability initiatives and projects

Transparency

Goals

- Track and report ongoing sustainability performance against goals
- Incorporate sustainability initiatives into building standards for a transparent and holistic approach to sustainable practices in the district

- Expand benchmarking and monitoring
- Implementation of a Sustainable Task Force
- Achieve LEED Gold, Platinum where possible, for new construction and major renovation projects over 30,000 sqft
- Achieve CALGreen Tier 1, Tier 2 where possible, for new construction

Request for Feedback

• Follow-up discussion to be held on Next meeting

