



University of California
San Francisco

FY18-20 UCSF Advisory Committee on Sustainability

Sheila Antrum, COO, Co-Chair
Brian Newman, SAVC, Co-Chair

9/19/2018

Agenda

- **Co-chair Welcome – Sheila Antrum and Brian Newman, 10 min**
- **Member introductions – 15 min**
- Edits for UACS charge – 15 min
- Survey Results – 15 min
- Goals for UACS appointment year – 20 min
- Climate Change and Health Call to Action – Arianne 5 min
- Last words – Sheila and Brian 10 min

Membership

- *Sheila Antrum, COO, co-chair*
- Dorie Apollonio, SoP
- Anirvan Chatterjee, CTSI
- Lisa Cisneros, Univ Relations
- Mark Freiberg, EH&S
- Aaron Gallagher, SoM student
- Seema Gandhi, SoM, AC
- Joseph Guglielmo, Dean, SoP
- Katherine Gundling, SoM
- Dan Henroid, RD, NFS
- Bruce Lanyon, Real Estate

Brian Newman, SAVC, co-chair

- Jenella Leano, SPT student
- Jerry Liu, SoD student
- Wylie Liu, Community Engmt
- Patti Mitchell, Real Estate
- Terri O'Brien, Asst Chancellor
- Sapna Thottathil, UCOP
- Starley Shade, SoM
- Jodi Soboll, Facilities Services
- Arianne Teherani, SoM

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Charge of the UACS

The overarching charge of the committee for the 2018-2020 appointment is to develop and implement goals and strategies for UCSF to become national leaders in Health and Sustainability by 2025. In addition, the committee will provide guidance and support to:

- Annually examine UCSF's effect on the environment from a comprehensive perspective
- Evaluate existing UCSF policies, procedures and/or programs that affect the environment
- Serve as a coordinating body for groups or individuals concerned with sustainability issues at UCSF
- Support Reduction of greenhouse gas emissions to 1990 levels by 2020 and Carbon Neutrality by 2025

Each member shall serve as an example and advocate to the UCSF community sustainable behavior changes in the following areas:

- Efficiently use and conserve water, energy and alternative transportation options
- Utilize environmentally responsible purchasing practices
- Promote healthy indoor air quality systems
- Minimize solid waste production
- Incorporate lifecycle analysis into sustainable financial planning & budget goals
- Integrate environmental literacy into research, education and communication
- Implement resource-efficient site planning, design and building principles
- Reduce the use of hazardous materials and toxins where possible
- Conduct/promote sustainability activities among your departments and operations in an integrated, inter-dependent manner

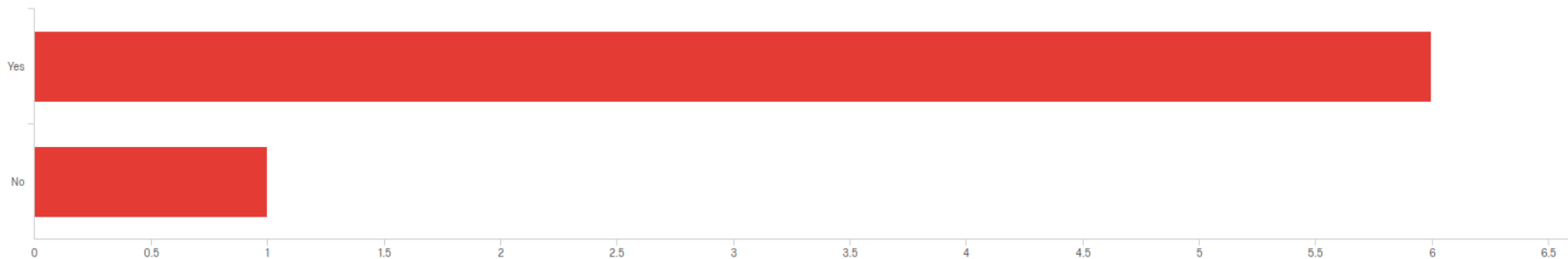
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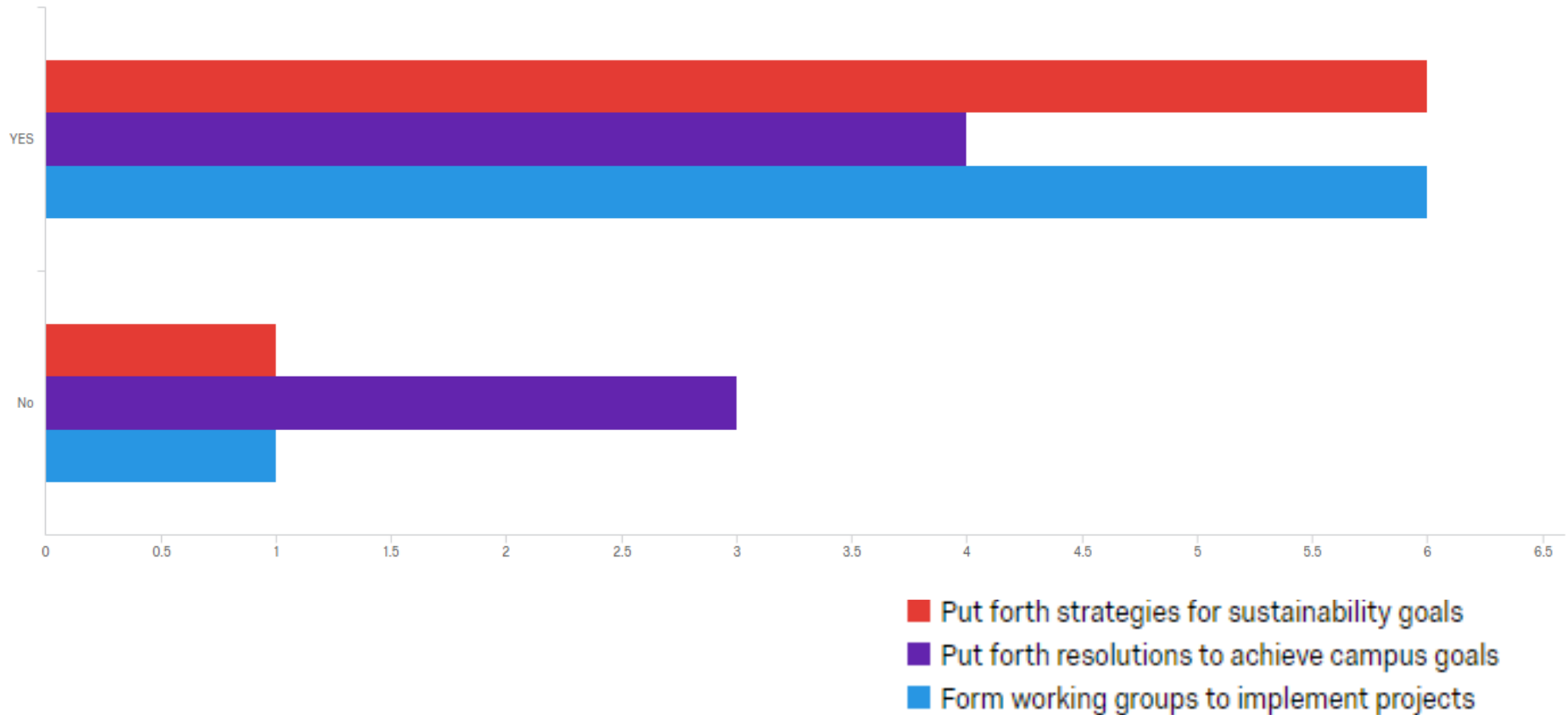
Membership Survey: In the past the UACS served as an approval body for sustainability strategies and funding requests proposed by the workgroups. Should this continue?

Q2 - In the past, the UACS served primarily as an approval body for sustainability strategies and funding requests proposed by the workgroups. Should this continue?

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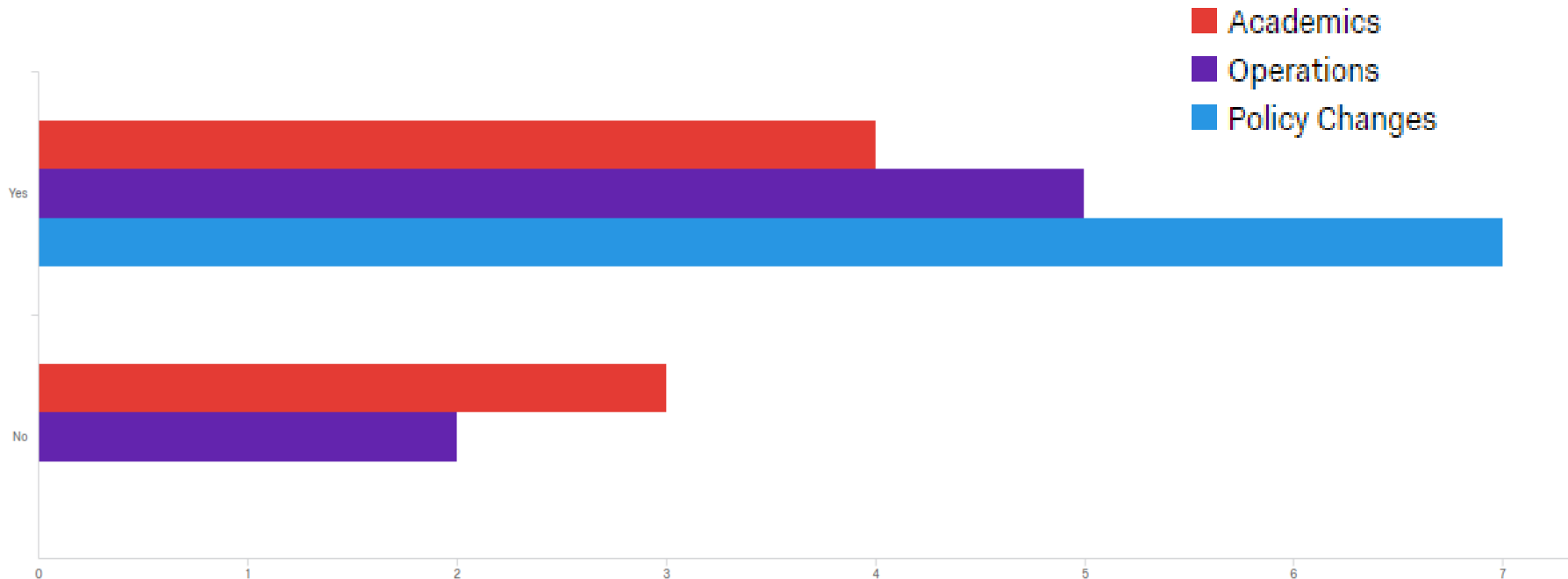


Should the committee be more proactive with any of the following?



Should the committee focus on coordinating sustainable activities in the following areas:

Q5 - Should the committee focus on coordinating sustainability activities in the following areas:



Can you provide any project ideas?

- All wet laboratories green and sustainable
- Senior faculty: reducing reliance on paper
- Remove monthly auto parking passes: switch to daily pay-as-you-go with variable demand-based pricing
- Reduction in the use of plastics in the campus and health system
- Recycling of plastic bags
- Support alternative transportation

What do you want to accomplish as a committee member?

- More tangible outcomes and decision making on key initiatives
- All UCSF labs are green
- We decrease the purchase and use of plastics
- We recycle all plastic bags and name tags









Agenda

- Co-chair Welcome – Sheila Antrum and Brian Newman, 10 min
- Member introductions – 15 min
- Edits for UACS charge – 15 min
- Survey Results – 15 min
- **Goals for UACS appointment year – 25 min**
- Climate Change and Health Call to Action – Arianne 5 min
- Last words – Sheila and Brian - 10 min

UACS Goals for 18-20

- Focus on Top UC Sustainable Practices Policies
 - 1990 levels by 2020; Carbon Neutrality by 2025 – penalty
 - Zero Waste by 2020 – no penalty
 - Water reduction 36% by 2025 – exceeded goal in 2018

Carbon Neutrality FAS Strategic Priority

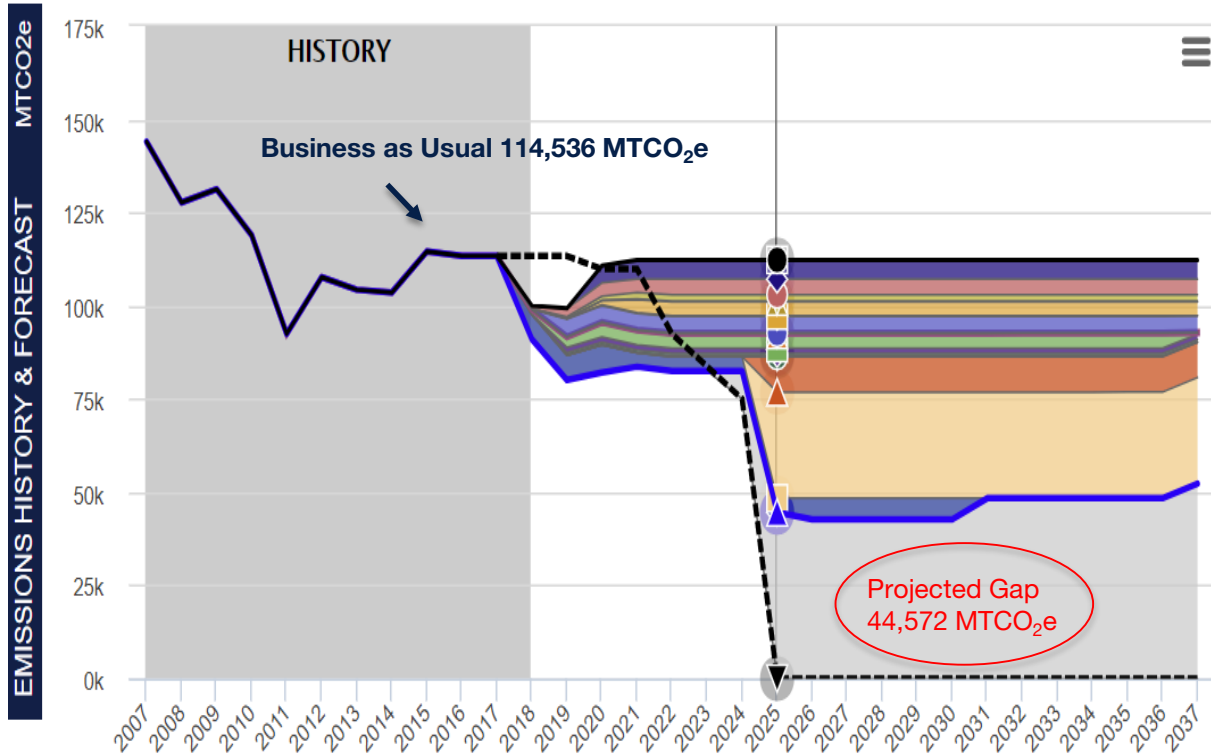
								
Ranked by Impact	Bldgs Total Cost of Ownership	Energy Staffing (FTE)	Energy efficient purchasing	ZEV/Hybrid by 2025	Outreach (people)	Wet Lab Space Utilization	Central Plant Emissions	Zero Carbon Electricity
Current Condition	not included	1 FTE	no data available	33% of fleet	4000 reached	56% lab sf	~50% total emissions	27.8% total electricity

Action Item (Using A3 Thinking Methodology & Project Teams)	Responsibility/Owner	Due Date
RC #1: Establish a Task Force to provide performance criteria to achieve zero carbon in the TCO in the BCA for new construction, renovation, and infrastructure projects, and highlight these tradeoffs to decision-makers	Robert Stickney/Brian Newman	FY2019
RC #2: Explore and propose funding options in BCA to staff 1 FTE per 1M square feet to speed implementation of SEP projects	Jon Giacomi	FY2018
RC #3: Work with UCOP and cross-functional team to recommend policy statement & gain support from stakeholders to establish strong EPP policies.	Jim Hlne	FY2019
RC #4: Implement a new transportation policy for departments to purchase zero carbon vehicles with marketing campaign and incentives.	Erick Villalobos	FY2019
RC#5: Explore carbon implications of campus growth and explore sustainable development in higher education for recommendations to leadership.	Lori Yamauchi and Gail Lee	FY2019

UCSF Strategy

Identified Solutions

2025 FORECAST: 112,293 MTCO₂e GOAL: 0 MTCO₂e CURRENT PLAN: 44,571 MTCO₂e OFFSETS: 44,572 MTCO₂e



- GAS TURBINE RETROFIT
- PCUP MICRO STEAM TURBINE
- SEP CAMPUS, NEXT 5 YEARS
- EE_CAMPUS_2020-2025
- SOLAR HOT WATER
- PV PPA 2018
- PV PPA 2022
- MB 750KW PV
- MC COMBINED EE & MBCX
- ELECTRIC BUSES
- HIGH PERFORMANCE NEW BUILDINGS
- RENOVATIONS
- PURCHASE HYDRO POWER
- UCOP: WHOLESALE POWER PROGRAM
- UCOP: BIOMETHANE EXISTING CONTRACTS
- UCOP: BIOMETHANE FUTURE CONTRACTS
- OFFSETS

Goal Ideas for 2018-2020

- More tangible outcomes and decision making on key initiatives
- All UCSF labs are green
- We decrease the purchase and use of plastics
- Buy only Energy Star/EPEAT equipment/appliances when available
- Zero Waste/Sustainable Food Events
- Department purchase EV/hybrid vehicles only
- Endorse results from “Sustainable UCSF campus” workshop
- Other ideas?

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UCSF



November Stakeholder Meeting: Vision for a Sustainable UCSF to inform decision making

- Sheila Antrum
- Kevin Beauchamp
- Mark Freiberg
- Lisa Cisneros
- Dan Henroid
- Jim Hine
- Joh Giacomi
- Bruce Lanyon
- Wylie Liu
- Brian Newman
- Clare Schinnerl
- Bob Rhine
- Erick Villelobos