

# Campus Sustainability Committee

Winter 2018 Quarterly Meeting  
Friday, February 16th  
2:00pm - 3:30pm  
Biella Room

# Agenda

- Campus Sustainability Committee Structure Update
- Task Forces Update
  - Procurement
  - Zero Waste
  - Climate Action Planning
- Climate Action Plan Review Process
- Acknowledgements & Endorsements
- Vote
- Climate Action Implementation Task Force
- Next Meeting
  - Friday, May 18, 2:00pm - 3:30pm, Biella Room

# Campus Sustainability Committee Structure

- Removed Ex-Officio Members
  - Chief Facilities Officer, Hayward Unified School District
  - Director of Community Engagement
- Removed Student Ex-Officio Members
  - ASI President
  - ASI Student Nominee

# Task Forces Update

- Procurement
  - Exclusive use of networked printers pilot project at Concord Campus
  - Evaluate in Spring Quarter for rollout at Hayward Campus
  - Adobe Sign
- Zero Waste
  - Bin replacement in library
  - Building zero waste plans
  - Signage
  - Paper Towel Compost pilot at Concord Campus
- Climate Action Planning



# Acknowledgements

## Primary Authors

Dr. Karina Garbesi, Director of Environmental Studies  
Jillian Buckholz, Director of Sustainability  
Brett Meleg, Climate Action Plan Coordinator and Climate Corps Americorps Fellow

## Climate Action Planning Task Force

Dr. Karina Garbesi, Director of Environmental Studies (Chair)  
Jillian Buckholz, Director of Sustainability (Co-Chair)  
Brett Meleg, Climate Corps Americorps Fellow (Coordinator)  
Brenda Amaral, Alternative Transportation Lead  
Dr. Cristian Gaedicke, Faculty, Engineering  
Erik Pearson, City of Hayward, Environmental Services Manager  
Loralyn Perry, Energy and Utilities Manager  
Erik Pinlac, Associated Students, Inc., Interim Executive Director

## Research Assistants

Brett Meleg, Alan Yee, and William Konijn

## Student Contributors from Environmental Studies Senior Seminar

Justin Brown	Danielle McAvenia
Jason Cederquist	Brett Meleg
Justine Cuevas	Jambaldorj Olonbayar
Stephanie Da Silva	Jacqueline Ortiz
Tiffany Dong	Crystal Shahan
Teresa Gamber	Justin Smith
Shelby Hoerner	Anthony Somphanith
William Konijn	Jaamal Spencer
Tong Lin	Nicolette Tang
Bryan Little	Warren Wong
Keely Lucientes	Alan Yee

## Guest Review

Dr. Erik Helgren, Chair, Physics Department, Cal State East Bay

## Campus Sustainability Committee

Debbie Chaw, 2015 - 2018  
*Co-Chair, Vice President of Administration and Finance*

Dr. Edward Inch, 2016 - 2018  
*Co-Chair, Provost and Vice President of Academic Affairs*

Jillian Buckholz, 2015 - 2018  
*Director of Sustainability*

Jesse Cantley, 2017 - 2018  
*Interim Executive Director of University Communications*

Martin Castillo, 2015 - 2018  
*Associate Vice President of Campus Life*

Jomarie Ching, 2017 - 2018  
*Associated Students, Inc., Director of Sustainability*

Brian Cook, 2015 - 2018  
*Associate Vice President of University Extension*

Mary D'Alleva, 2015 - 2018  
*Director of Center for Community Engagement*

Hendrix Erhahon, 2015 - 2016  
*Associated Students, Inc., President*

Dr. Cristian Gaedicke, 2015 - 2018  
*Faculty, Engineering*

Dr. Karina Garbesi, 2015 - 2016  
*Faculty, Environmental Studies*

Dr. Vish Hegde, 2015 - 2016  
*Faculty, Management*

Simon Lam, 2018  
*Interim Associate Vice President of Facilities Development and Operations*

David Lopez, 2016 - 2017  
*Associated Students, Inc., Director of Sustainability*

Julie Mielke, 2015 - 2018  
*Presidential Nominee*

Dr. Patty Oikawa, 2017 - 2018  
*Faculty, Earth & Environmental Sciences*

Erik Pearson, 2015 - 2018  
*City of Hayward Environmental Services Manager*

Samantha Quiambo, 2017 - 2018  
*Associated Students, Inc., President*

Dr. Michelle Rippey, 2017 - 2018  
*Faculty, Criminal Justice Administration*

Dr. Charles Roberts, 2016 - 2018  
*Hayward Unified School District Chief Facilities Officer*

Dr. Ryan Smith, 2016 - 2018  
*Faculty, Physics*

Dr. Dianne Rush Woods, 2015 - 2018  
*Chief Diversity Officer*

Jim Zavagno, 2015 - 2017  
*Associate Vice President of Facilities Development and Operations*

## **Endorsed By**

Ad Hoc Committee on Sustainability of the Cal State East Bay Academic Senate:

Dr. Stevina Evuleocha, College of Business

Dr. Karina Garbesi, College of Letters, Arts, and Social Sciences

Dr. Ryan Heryford, College of Letters, Arts, and Social Sciences

Dr. Patricia Oikawa, College of Science

Sharon Radcliff, Library

Dr. Enrique Salmon, College of Letters, Arts, and Social Sciences

Dr. Ryan Smith, College of Science

Dr. Semih Yilmaz, College of Education and Allied Studies

# Climate Neutrality by 2040

Vote to endorse the Climate Action Plan for approval by President Morishita



# Climate Action Implementation Task Force

Purpose: Develop implementation plan and track progress for CAP

- Proposed restructure of CAP Task Force into Climate Action Implementation Task Force
  - Representation:
    - AVP Facilities Development & Operations, or designee
    - AVP Financial Services, or designee
    - Chair of Senate Committee on Sustainability, or designee
    - Energy & Utility Manager, or designee
    - Director of Housing, or designee
    - Director of Procurement Services, or designee
    - Director of Sustainability
    - Plus, invited faculty, students, and staff.



# Action Steps by Division

<b>Key</b>	
CA	Campus Administration (all divisions - AA, FA, SA, UA)
AF	Administration & Finance
AA	Academic Affairs
SA	Student Affairs
ENG	Energy
TRAN	Transportation
BLDG	Buildings
HOUS	Housing
PROC	Procurement
LAND	Landscaping
EDU	Education
FIN	Finance
OFF	Offsets

\*Establishment Timeline is defined as follows: Immediate (2018); Near term (by 2025); Medium term (by 2030); Long term (by 2040).

<b>Division</b>	<b>Department</b>	<b>Action Step</b>	<b>Establishment Timeline (*)</b>
CA	Campus Administration	ENG4	Near term
		ENG5	Near term
		TRAN10	Near term
		HOUS2	Long term
		HOUS3	Near term

AF/AA	Campus Sustainability Committee	LAND2	Near term
		OFF1	Near term

# Action Steps by Division (con't)

Key	
CA	Campus Administration (all divisions - AA, FA, SA, UA)
AF	Administration & Finance
AA	Academic Affairs
SA	Student Affairs
ENG	Energy
TRAN	Transportation
BLDG	Buildings
HOUS	Housing
PROC	Procurement
LAND	Landscaping
EDU	Education
FIN	Finance
OFF	Offsets

\*Establishment Timeline is defined as follows: Immediate (2018); Near term (by 2025); Medium term (by 2030); Long term (by 2040).

AF	Administration & Finance	TRAN4	Near term
		TRAN6	Near term
		FIN1	Near term
		FIN2	Near term
AF	Accounting	OFF1	Near term
AF	Education Foundation Board of Directors	FIN4	Near term
AF	Institutional Technology	ENG7	Near term
		TRAN1	Immediate to long term
AF	Procurement	TRAN9	Immediate
		BLDG2	Near term
		BLDG3	Long term (sustained effort through 2040)
		PROC1	Immediate
		PROC2	Near term
		PROC3	Near term
		PROC4	Immediate
PROC5	Near term		

# Action Steps by Division (con't)

AF	Facilities	ENG1	Near term
		ENG2	Immediate to long term
		ENG3	Immediate to long term
		ENG4	Near term
		ENG5	Near term
		ENG6	Immediate
		ENG9	Medium term
		TRAN7	Immediate
		BLDG1	Immediate
		BLDG2	Near term
		BLDG3	Long term (sustained effort through 2040)
		BLDG4	Immediate
		BLDG5	Near term
		BLDG6	Near term
		HOUS1	Near term
		LAND1	Near term
		LAND2	Near term
		LAND3	Immediate
		LAND4	Near term
		LAND5	Medium to long term
		LAND6	Immediate
		LAND7	Near to medium term
		LAND8	Near to medium term
		LAND9	Near term
FIN3	Immediate		

Key	
CA	Campus Administration (all divisions - AA, FA, SA, UA)
AF	Administration & Finance
AA	Academic Affairs
SA	Student Affairs
ENG	Energy
TRAN	Transportation
BLDG	Buildings
HOUS	Housing
PROC	Procurement
LAND	Landscaping
EDU	Education
FIN	Finance
OFF	Offsets

\*Establishment Timeline is defined as follows: Immediate (2018); Near term (by 2025); Medium term (by 2030); Long term (by 2040).

# Action Steps by Division (con't)

Key	
CA	Campus Administration (all divisions - AA, FA, SA, UA)
AF	Administration & Finance
AA	Academic Affairs
SA	Student Affairs
ENG	Energy
TRAN	Transportation
BLDG	Buildings
HOUS	Housing
PROC	Procurement
LAND	Landscaping
EDU	Education
FIN	Finance
OFF	Offsets

\*Establishment Timeline is defined as follows: Immediate (2018); Near term (by 2025); Medium term (by 2030); Long term (by 2040).

AA	Center for Community Engagement	EDU2	Near term
AA	Faculty	ENG8	Near term
		EDU2	Near term
AA	University Extension	TRANS5	Near term
AA	Sustainability	EDU2	Near term

SA	Admissions	TRANS5	Near term
SA	Transportation	TRAN2	Immediate
		TRAN3	Near term
		TRAN8	Near term to long term

# Spring Quarter CSC Meeting

- Friday, May 18th
- 2:00pm - 3:30pm
- Biella Room



# Edits to Climate Action Plan Draft

## Summary of Climate Action Plan

- Clarified text in Figure II.2 regarding the top boundary of the plot.
- Figure II.2 and III.3 normalized for eCO<sub>2</sub>.

## Greenhouse Gas Emissions: Baseline and Projected

- Updated Figure III.1, to highlight GHG emissions and Energy Use Intensity compared to the goal in the CSU Sustainability Policy to reduce emissions to 1990 levels by 2020. Previous figure was a comparison of East Bay's and other CSU campuses' emissions profiles.
- Table III.1 updated to give source of data and defined "MMBtu."
- Defined "stationary" in text below Figure III.3.
- Clarified "CO" acronym as "Chancellor's Office."
- Pg. 39, clarified language regarding CAFE standards for on-road efficiency.



# Edits to Climate Action Plan Draft (con't)

## Energy Management and Supply

- Clarified text regarding East Bay Community Energy (EBCE).

## Transportation

- Included online education in the Action Steps.
- Campus growth projected to 18,000 FTE is taken directly from the 2009 Master Plan.
- Increase of EV taken into consideration in the model.

## Landscaping

- Incorporated on-campus food production to text and Action Steps.

# Edits to Climate Action Plan Draft (con't)

## Offsets

- Added: *“Carbon offsets have also recently been approved by ACR for wetland restoration in the Sacramento Delta and San Francisco Estuary. Investment in wetland restoration in the Hayward shoreline, for example, could achieve co-benefits of climate adaptation in our local community.”* Included footnote citing reference.
- Added accomplishment: *“Received CALL grant to pursue oak woodland restoration as a means of offsetting CSUEB greenhouse gas emissions. Oak woodland restoration on Concord campus will begin in 2018 under supervision of Professor Oikawa.”*