2022

SUSTAINABILITY AND CLIMATE ACTION PLAN

RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

Scope and Deliverables

SCAP

IEMP

TCO

STARS

Sustainability and Climate Action Plan

Establish an implementable roadmap towards holistic sustainability goals which sets RCCD up as a leader in addressing Environmental Stewardship and Climate Change.

Integrated Energy Master Plan

Establish an implementable roadmap towards Carbon Neutrality at each campus.

Total Cost of Ownership Model

Develop a framework for cost-effective decision-making that identifies human and capital resources needed to address goals of the SCAP and IEMP.

AASHE Stars Report

Establish a roadmap toward peer group recognition of your sustainability efforts. AASHE Stars is a third-party reporting framework connecting sustainability in the built environment and academics.

Our Project Schedule

	2021										2022			Project Complete May 31, 2023
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	
TASKS	Project Initiation			Visioning		Prioritization and Goals Identification			Draft Action Plan and Review					Final Plan
SCAP				Values								Review	Review	
IEMP				Campus Building Profiles	Energy Audits	Recommend ECMs			ECMs Finalized	Dashboard	Draft Plan	Review	Review	*Board Approval – Fall 2022*
TCO				Identify Assets	Classify Assets	Decision Criteria	Funding Analysis		Costing Assets	Asset Decisions		Review	Review	
STARS														
Committee Workshop		Kick-Off Meeting	VALUES	Listening / Deep-Dives	Baselines		Goal Setting		Action Plan	Draft Plan	Review	Review	
Campus Work		President's Kick-off	VALUES	Open Houses	Campus Updates	-	-	College Action Plan		Draft Plan			
Deliverable Due														

We are here.

Project Updates

AASHE Membership
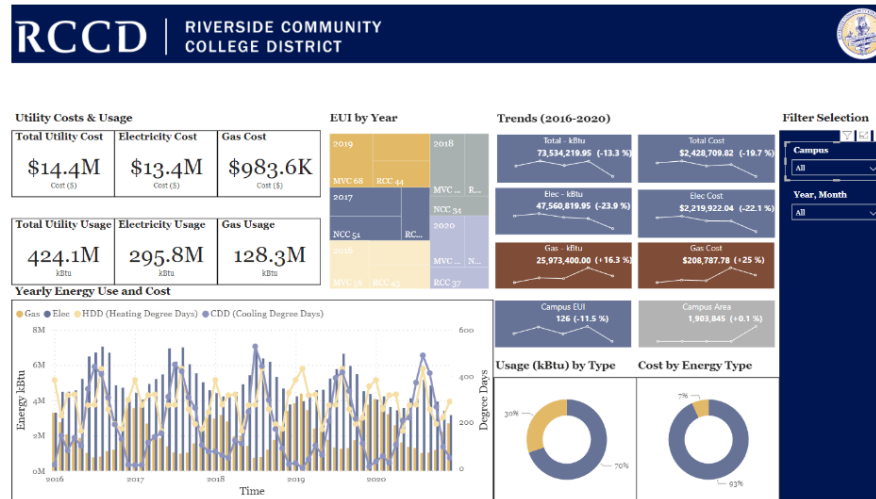
Dashboard Mania

SoCal Edison
SoCal Gas
RPU

Partnerships

Sustainability and Climate Action Plan Framework

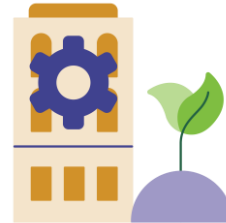# SCAP FRAMEWORK: Organizing the Topics

Included
Includes the creation of goals and metrics within the S-CAP
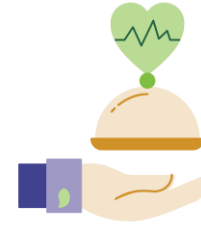
Decarbonization and Climate Justice

Waste / Procurement

Eco-systems / Water

Health and Well-being

Resiliency

Influenced
Would be included in an update with a sustainability lens / new plan

Academics

Engagement

Trust and Transparency

Reinforced
Planning and metrics already exist in other plans

Community Partnerships

Equity and Social Justice

TOPICS AND OTHER FRAMEWORKS

Your Top Topics	CCCCO	AASHE Stars
		Innovation and Leadership (ALL)
Decarbonization, Energy Use, and Climate Justice	Operations	Operations
Waste / Procurement		
Water Eco-systems	Gap	Gap
Health and Well-being		
Resiliency		
Academics	Academics	Academic and Curriculum
Engagement	Engagement	Engagement
Community Partnerships		
Trust and Transparency	Planning and Administration	Planning and Administration
Equity and Social Justice		

Topic Area

Decarbonization and Climate Justice

Waste / Procurement

Eco-systems / Water

Health and Well-being

Resiliency

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TOPIC AREAS are the top topic areas as created collectively by the District and Colleges.

Topic Area

GOALS AND OUTCOMES establish aspirational thinking that the District and Colleges will work toward. These were established by cross-referencing System and Stars frameworks with Impact Areas.

Goal or Desired Outcome

ACTIONS are the initiatives that it will take to get meet your goal / outcome

Actions (per objective)

OBJECTIVES outline measurable actions were established by from District and Campus engagement, System mandates, and HiEd best practices.

Objectives

MEASURES align with the objectives to manage what success will look.

Measures

METRICS outline how the objective will be measured based on the data available or data required.

Metrics

MILESTONES represent the timeline associated with each objective. These outline short-, mid-, and long-term strategies.

Milestones

RESILIENCY overlays risk-management and the five dimensions of resiliency (Ecosystem, Financial, Human Health, Infrastructure, Social) into each Impact Area

Five Dimensions of Resiliency

By District
By College

Let's Dive In!

More Detail on the Topic Areas

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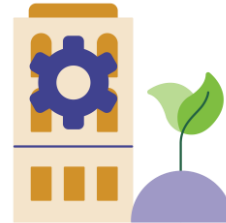
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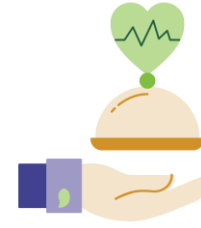
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Waste and Procurement

Goal: Achieve zero waste to landfill.

Objectives, and Bold Steps

Recyclables and Waste Minimization

**Increase diversion rates for non-construction waste.
Reduce the total weight of non-construction waste.**

**BOLD STEPS: Conduct Waste Categorization Assessment;
Conduct total material consumption benchmark**

Construction Waste

Increase construction waste diversion rate from landfill.

**BOLD STEPS: Set stricter requirements for contractors that align with the District's
sustainability goals**

Organic Waste

Increase diversion of dining and landscape wastes from landfill.

BOLD STEPS: Establish an organic waste diversion program in primary dining location

Hazardous Waste and E-Waste

Create programs and systems for hazardous and e-waste.

**BOLD STEPS: Benchmark programs that dispose of all hazardous, universal, and non-
regulated chemical waste**

Durable Goods

Increase opportunities to share and donate durable goods.

BOLD STEPS: Establish a comprehensive durable goods sharing/donation program

Waste and Procurement

Goal: Achieve zero waste to landfill.

Objectives, and Bold Steps

Procurement

Increase sustainable purchasing.

BOLD STEP: Work with procurement to inventory the districts and each colleges 'environmentally preferable purchases for highly used items in alignment with State procurement best practices.

Eco-Systems and Water

Goal: Substantially increase water-use efficiency.	Goal: Improve stormwater quality.

Decrease water-use (potable and non-potable water)

BOLD STEP: Through sub-metering and other irrigation control systems, identify water usage for each building and landscape irrigation systems of 2,500 sf or greater.

MVC Recycled Water initiative is ahead of the curve when it comes to action in this Topic Area.

Prevent stormwater pollution and raise awareness.

BOLD STEP: Adopt the CCC Model Stormwater Management Program, meeting Minimum Control Measures (MCMs)

- *MCM 01: Education and Outreach on Storm Water Issues*
- *MCM 02: Campus Community Involvement and Participation*
- *MCM 03: Illicit Discharge Detection and Elimination*
- *MCM 04: Construction Site Storm Water Runoff Control*
- *MCM 05: Post Construction Storm Water Management in New Development and Development*
- *MCM 06: Pollution Prevention and Good Housekeeping for Facilities Maintenance and Operation*

Eco-Systems and Water

Goal: Enhance biodiversity through Land Management

Objectives, and Bold Steps

Practice ecological landscape management.

Rewild undeveloped areas

BOLD STEP: Develop an Integrated Pest Management Program
BOLD STEP: Perform a biodiversity survey

Health and Well-being

Goal: Create a culture of health and well-being for Riverside Community College District.

Objectives, and Bold Steps

Employee Programs

Provide comprehensive employee wellness initiatives and education encompassing physical, mental and spiritual health.

BOLD STEP: Create employee satisfaction survey based on a selected framework on health and well-being for employees.

Student Programs

Provide comprehensive student wellness programs and education encompassing physical, mental and spiritual health.

BOLD STEPS: Create student health and well-being satisfaction survey based on existing health and well-being frameworks.

Physical Space

Increase the amount of indoor and outdoor space available to the RCCD community dedicated to supporting wellness.

- Campus community gardens
- Improved outdoor spaces for physical activity including walking trails.
- Improved outdoor spaces for education or breaks.

Address food insecurity and healthy food education across Riverside Community College District..

Real Food Commitment

BOLD STEP: Sign the Real Food Campus Commitment and follow the required tasks outlined for the first 12 months, studying food supply and education on healthy foods.

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Academics

Goal: Increase sustainability literacy on campus and community.

In alignment with future planning, partnership with Faculty Senate and Academic Leaders

Courses

Increase availability of academic courses on or related to sustainability.

BOLD STEP: Conduct an inventory to identify sustainability course offerings

Learning Outcomes

Increase the percentage of students who take a course with a sustainability learning outcome.

BOLD STEP: Conduct an inventory to identify sustainability learning outcomes and how many students are enrolled within these courses

Campus as a Living Lab

Implement Opportunities to use the Campuses as Living Labs.

BOLD STEP: Create college task forces to brainstorm, plan, and implement short-term solutions for using the campus as a teaching tool

Degree Programs

Offer degree programs focused on sustainability. (AA, AS)

BOLD STEP: Form a working group for curriculum development across disciplines and course articulation with University partner institutions

Engagement

Goal: Expand the RCCD community's knowledge of sustainability to be inclusive of social, economic, and environmental factors while promoting resource conservation and socially just behaviors.

In alignment with future planning for community and campus outreach

Campus Outreach

Increase the number of opportunities for campus stakeholders to be exposed to sustainability

BOLD STEP: Set up campus sustainability websites

Increase Sustainability Literacy for Campus Users

BOLD STEP: Conduct a Sustainability Literacy Assessment per AASHE Stars guidelines

Community Outreach

Establish opportunities for RCCD to collaborate in the community

BOLD STEP: Establish a formal campus/district/community partnership to advance sustainability

Thanks, Questions?