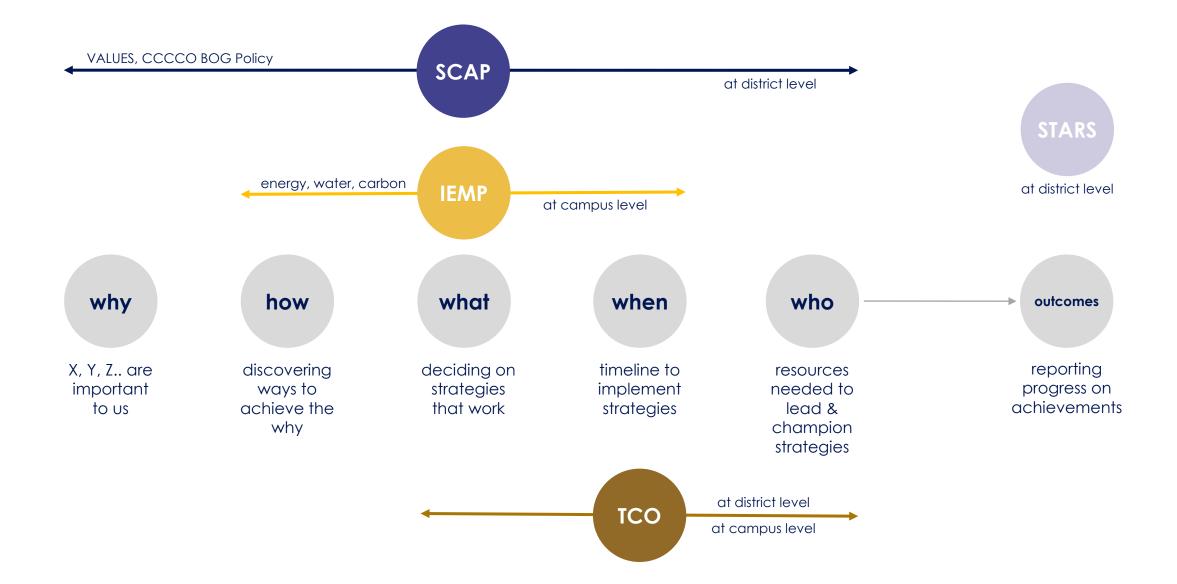
2021 SUSTAINABILITY AND CLIMATE ACTION PLAN





One goal of the Sustainability and Climate Action Plan is to identify ways for **environmental**, **social and financial sustainability** to be fostered at each campus in the district.

Deliverables



Our Project Schedule

•	2021				2022					Project Complete May 31, 2023				
					Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	
TASKS		TASK 1: Project Initiation		TASK Research and					TASK : Implementati					TASK 4: Verification and Monitoring
SCAP			VALUES and Vision		Prioritization and Goas		S	Action Plan and Implementation		Final Plan				
IEMP				Campus Building Profiles	Energy Audits	Recommend ECMs			ECMs Finalized	Dashboard	Draft Plan	Final Plan	Final Approvals	
TCO				Identify Assets	Classify Assets	Decision Criteria			Costing Assets	Asset Decisions		Comprehe- sive Asset Plan	Final Approvals	_
STARS														
Committee Workshop			Kick-Off Meeting	VALUES	Listening / Deep-Dives	Baselines		Goal Setting		Action Plan	Draft Plan	Final Plan	Final Approvals	
Campus Work			President's Kick-off	VALUES	Open Houses	Campus Updates	-	-	College Action Plan		Draft Plan		Final Approvals	
Deliverable Due														

We are here.

Tracking Our Progress

PHASE 01: VISIONING AND VALUES

September - October

- ✓— Lead Sustainability VALUES Workshop
- ✓ Host listening tours, focus groups and open forums with campus community
- ✓— Benchmark Energy Data for all campuses
- ✓ Create Campus Building Profiles

PHASE 02: PRIORITIES AND GOALS

November - January

- Synthesize the top VALUES for the District
- Establish priorities and discuss goals for short, mid and long-term
- ✓ Develop cost models around goals

PHASE 03: ACTION PLAN AND IMPLEMENTATION

February - April

- Document long-term vision and goals
- Identify short-term, midterm and long-term initiatives to meet district goals.
- Develop total cost of ownership cost models for each goal, including personnel needed
- ✓ Present Draft Of Deliverables

PHASE 04: FINAL PLAN AND APPROVALS

May - June

- ✓ Final presentation adoption and approval
- Establish training needs for key district personnel
- ✓ Visualize Monitoring Dashboard of the Plans
- ✓ Fine tune and update the dashboard

Integrated Energy Master Plan

- a long-term strategy of achieving significant reductions in energy, water, greenhouse gas emissions.



Data Gaps Data Points Electricity Bills Meter Assignments \checkmark Facility Manager Verification ✓ Gas Bills ✓ Water Bills ✓ Facility Manager Interviews ✓ Site Walkthrough

Total Cost of Ownership

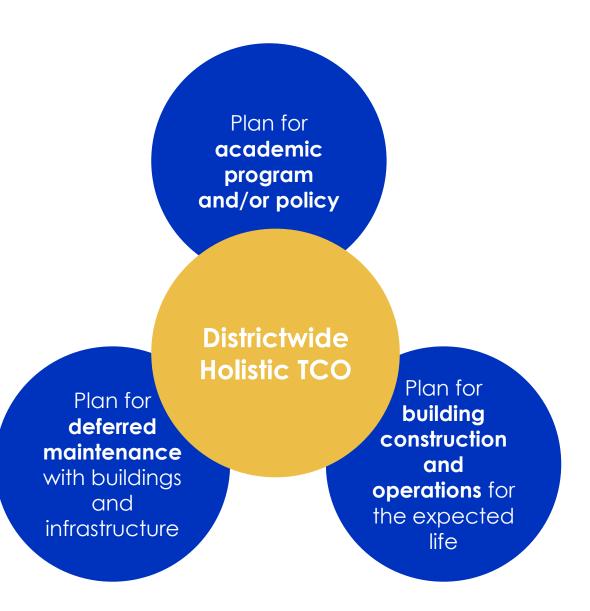
Initial Cost

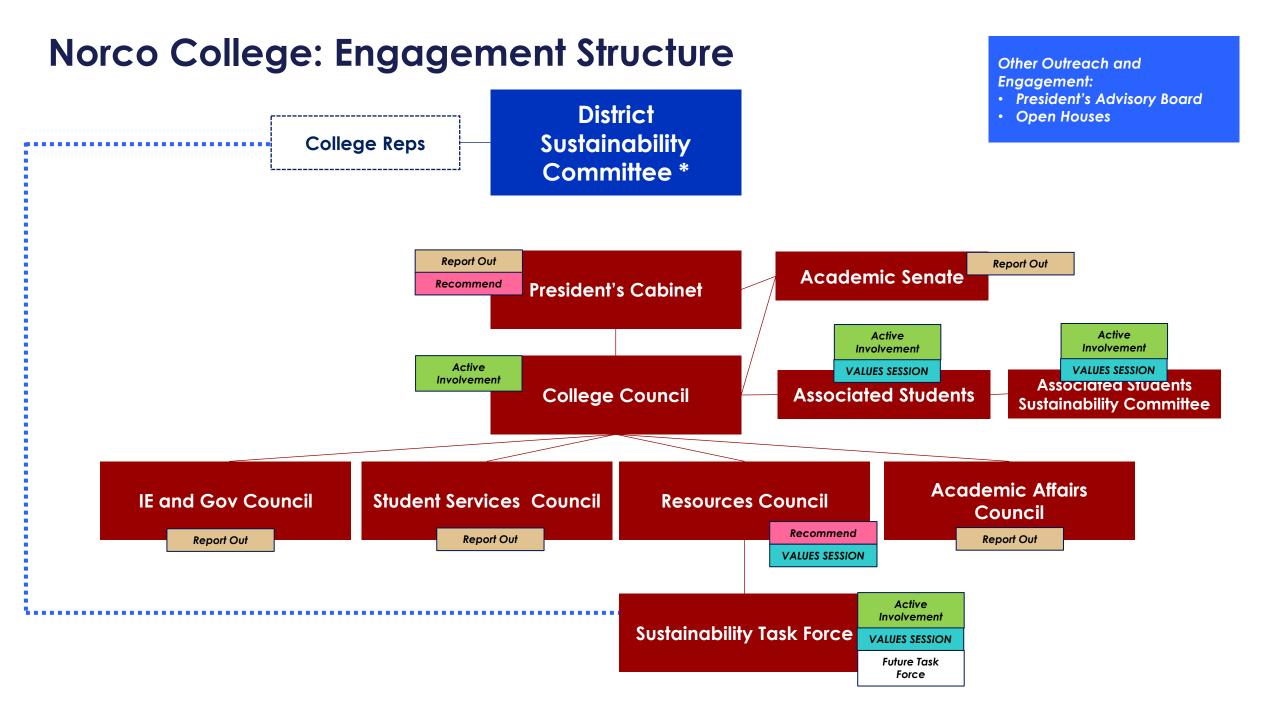
+

Operational Cost

(including human resources and technology needed)

TCO is a requirement for Accreditation as well as Bond Measures





Norco College: Engagement to Date

KICK-OFF

WORKSHOP 01

WORKSHOP 02

WORKSHOP 03

KICK-OFF MEETINGS

President's Cabinet September 1, 2021

Campus Site Visits September 14, 2021 VALUES WORKSHOPS

Associated Students September 27, 2021

Resources Council September 23, 2021 **OPEN HOUSE**

Open to all Students, Faculty, and Staff October 7, 2021 REPORT BACK AND BENCHMARKING

Resources Council November 18, 2021

President's Cabinet December 1, 2021

College Council December 8, 2021

Sustainability Task Force* November 30, 2021

* 60-min workshop

WORKSHOP 01: VALUES



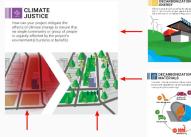
WORKSHOP 01: NC Top VALUES

HEALTH AND WELLBEING

What pollutes the indoor air that occupants breath? How can pollution be avoided or treated?

Norco College







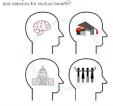
BOLSTER COMMUNITY PARTNERSHIPS

How can your project connect with local organizations, governments, businesses, and thought leaders to exchange ideas and services for mutual benefit?

COMFORT

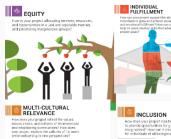
.

ironmental factors impact the mai comfor chomal imbalance que ta changes in the



TRANSPARENCY: BUILDING PERFORMANCE What aspects of building performance can be transparent and communicated to

> **EQUITABLE & INCLUSIVE EXPERIENCE FOR ALL**



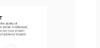




ECOSYSTEM SERVICES











OUR PLANNING FRAMEWORK: Organizing the VALUES (Our Why)

Included

Includes the creation of goals and metrics within the S-CAP



Decarbonization and Climate Justice



Health and Well-being



Eco-systems / Water



Procurement



Resiliency

Influenced

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



Planning and metrics already exist in other plans





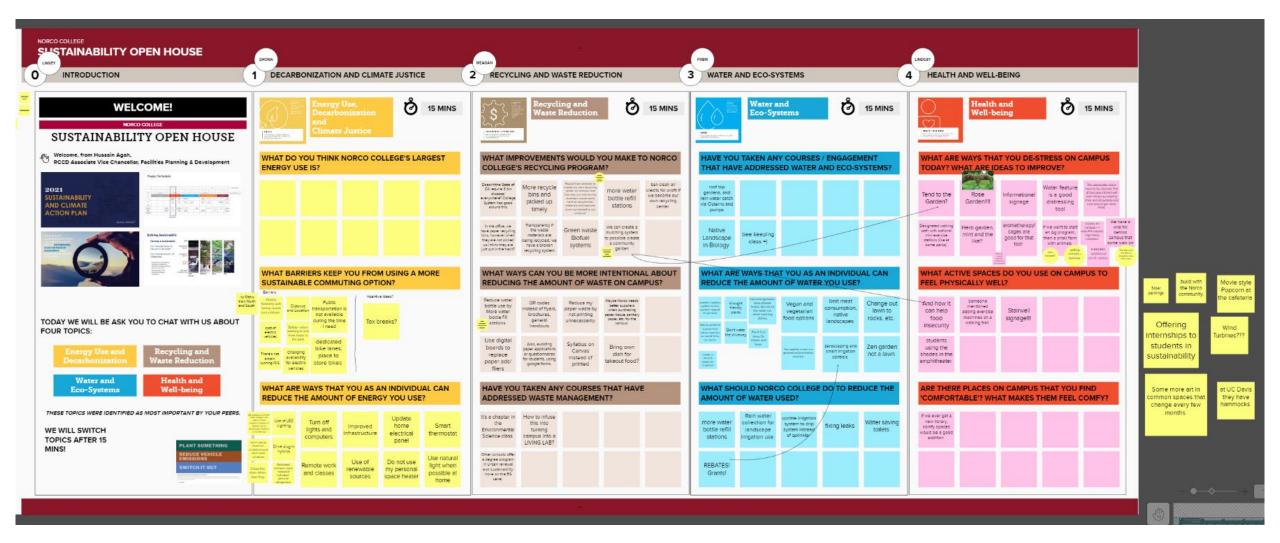
Engagement





Equity and Social Justice

WORKSHOP 02: Norco College – OPEN HOUSE!



OPEN HOUSE Takeaways



- Public transportation is lacking or inconvenient;
- Biking can be
 dangerous
- Energy Efficiency within campus buildings and systems
- Provide Solar Cover and EV charging stations
- Human behavior changes impact energy use

RECYCLING AND WASTE REDUCTION

- Create a consistent recycling program
- Focus on reduction – paperless courses, less dining packaging, etc.
- Composting
- Trust in the system!

WATER AND ECO-SYSTEMS

- Building Plumbing
 Systems
- Native and
 Drought Tolerant
 Planting = Less
 Irrigation
- Eat less meat
- Invest in recycled
 water infrastructure

HEALTH AND WELL-BEING

- Formalize
 pathways and trails
 on-campus
- Use gardens on campus to promote learning, healthy eating, socializing, rejuvenation, etc.
- Social Equity and Inclusion are key links into our planning

RESILIENCY

- Addressed in all
 VALUES
- Support policies and partnerships that advocate for community health
- Continue to be a resource to the community (housing, food, etc.)
- What is the cost of inaction?

What is next for us?

Nov - Jan	Feb - April
Prioritization and Goals	Action Plan and Implementation
TASKS	TASKS
Finalizing College Profiles	Action Planning Who, What, How
Establishing Benchmarks	Monitoring
Setting Goals – short-term and long-term Where, When	Dashboard Development (IEMP and TCO)
Dashboard Development (IEMP and TCO)	First Read – April 2022



IMPACT AREAS are the top VALUES as created collectively by the District and Colleges.



Achieve zero waste to landfill.

IMPACT AREAS are the top VALUES as created collectively by the District and Colleges.

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





IMPACT AREAS are the top VALUES as created collectively by the District and Colleges.

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

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

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

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

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



IMPACT AREAS are the top VALUES as created collectively by the District and Colleges.

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

Actions (per objective)

- ✓ Complete an annual waste audit
- Implement a campuswide recycling program paired with educational signage
- ✓ Continue paperless courses
- Create a district wide supply and furniture swap program
- ✓ Etc.
- ✓ Etc.
- ✓ Etc.

Achieve zero waste to landfill.						
Reduce the total weight of non- construction waste.	Increase diversion rates for non- construction waste.	Increase construction waste diversion rate.				
Tons of non construction waste generated	Tons of non- construction was te diverted	tons of construction waste diverted				
-20%	+55%	+80%				
By 2025	By 2030	By 2040				

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

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

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

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

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



IMPACT AREAS are the top VALUES as created collectively by the District and Colleges.

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

Actions (per objective)

- ✓ Complete an annual waste audit
- Implement a campuswide recycling program paired with educational signage
- ✓ Continue paperless courses
- Create a district wide supply and furniture swap program
- ✓ Etc.
- ✓ Etc.
- ✓ Etc.

Achieve z	ero wast	e to landfill.				
Reduce the total weight of non- construction waste.	Increase diversion rate for non- construction waste.	waste diversion				
Tons of non construction waste generated	Tons of non- construction w te diverted					
-20%	+55%	+80%				
By 2025	By 203	0 By 2040				
Five Dimensions of Resiliency						

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

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

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

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

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

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

THANK YOU!



