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# Meeting Minutes

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Architecture Engineering Planning Interiors

1650 Spruce Street, Suite 300  
Riverside, CA 92507

Meeting Date	09.09.2021
To	Hussain Agah, Mehran Mohtasham, Myra Nava
From	DLR Group
Location	via ZOOM
Project	RCCD: Sustainability and Climate Action Plan
Project No.	N/A
Attendees	Linsey Graft, Lindsey Perez, Chris Lawrence, Shona O'Dea, Prem Sundharam, Isheanesu Tendayi, Hussain Agah, Majd Askar, Tracy Pinckard, Nader Chopreal, Shara Marshall, Alfred Cardoza, Angela Thomas, Darrlon Evans, Dr. Jim Lambert, Frankie L. Moore, I-Ching Tsai, James Namekata, Joanna Werner-Fraczek, Julio Cruz, LaTonya Parker, Laurie Crouse, Laurie McQuay-Peninger, MaryAnn Doherty, Nancy Aquirre, Phil Rawlings, R. Kirkpatrick, Rosalina Rivas, Sara Yerushalmian, Shyann Rhames, Tamara Cummings, Tony Ruiz III, Mahdi Afkhamiaghda
Purpose	MVC: Resource Council VALUES Session

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## Agenda:

- **MVC Business (10 min)**
- **Welcome: Introduction of the project (10 min)**
- **Activity: Prioritize your VALUES (40 mins)**
- Breakout: Prioritize VALUES themes (30 min)
  - *What does each group value?*
  - *What themes matter most?*
- Regroup: Share out and Reflections (10 min)
  - VALUES SHARE: 4 min
  - REFLECTIONS: 6 min
    - *What did you hear that surprised you, excited you, made you think?*
    - *Now that you've heard everyone else, did you have any thoughts?*

Link to Mural for Activity for Viewing only:

<https://app.mural.co/t/firstworkspace3639/m/firstworkspace3639/1631148093807/31e47691362cfa51ceb3c555e190873a61daea05?sender=lperez9220>



# Your Team



**Leigh Anne Jones**  
Principal in Charge



**Lindsey Perez**  
Sustainability and Climate  
Action Plan Leader



**Prem Sundharam**  
Total Cost of Ownership  
Leader



**Chris Lawrence**  
Project Manager



**Linsey Graff**  
Engagement/STARS  
Leader

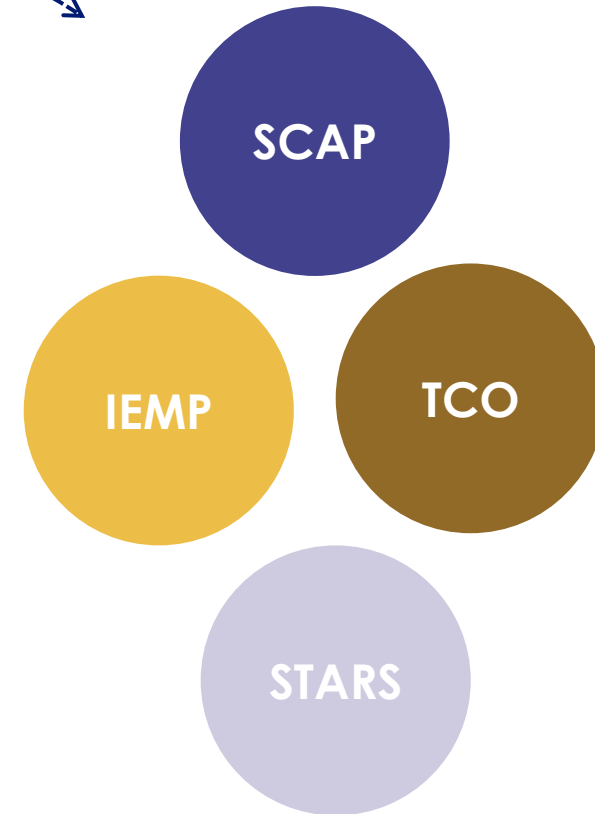


**Shona O'Dea**  
Integrated Energy  
Master Plan Leader

# Integrated Planning Approach

## CONNECTING TO OTHER PLANS:

- District Strategic Plan
- College's Strategic Plan
- College's Educational Master Plan
- College's Facilities Master Plan
- District Five-year Capital Construction Plan
- College's Operational and Maintenance Plan
- Fiscal Plan
- Solar Planning Initiative



# Project Schedule

	2021							2022						Project Complete May 31, 2023
	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	
TASKS	TASK 1: Project Initiation			TASK 2: Research and Analysis				TASK 3: Implementation Phase						TASK 4: Verification and Monitoring
SCAP	Project Initiation			VALUES and Vision		Prioritization and Goals			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	Funding Analysis		Costing Assets	Asset Decisions		Comprehensive Asset Plan	Final Approvals	
STARS														
Committee Workshop			Kick-Off Meeting	VALUES	Listening / Deep-Dives	Prioritization		Goal Setting		Action Plan	Draft Plan	Final Plan	Final Approvals	
Campus Work			President's Kick-off	VALUES	Open Houses	Campus Priorities	-	-	College Action Plan		Draft Plan		Final Approvals	
Deliverable Due														

We are here.

# Sustainability Committee Members

## District Office

- **Hussain Agah** - Associate Vice Chancellor
- **Mehran Mohtasham** - Director of Capital Planning
- **Bart Doering** - Facilities Development Director
- **Marisa Yeager** - Director, Government Relations
- **Myra Nava** - Classified Representative

## Moreno Valley College

- **Fabian Biancardi** – Professor, Academic Senate
- **Kemari Wofford** – Student Representative, College Students Association
- **Majd Askar** - Interim Vice President, Business Services
- **Ron Kirkpatrick** - Director, Facilities M&O
- **Pending** – Classified Representatives

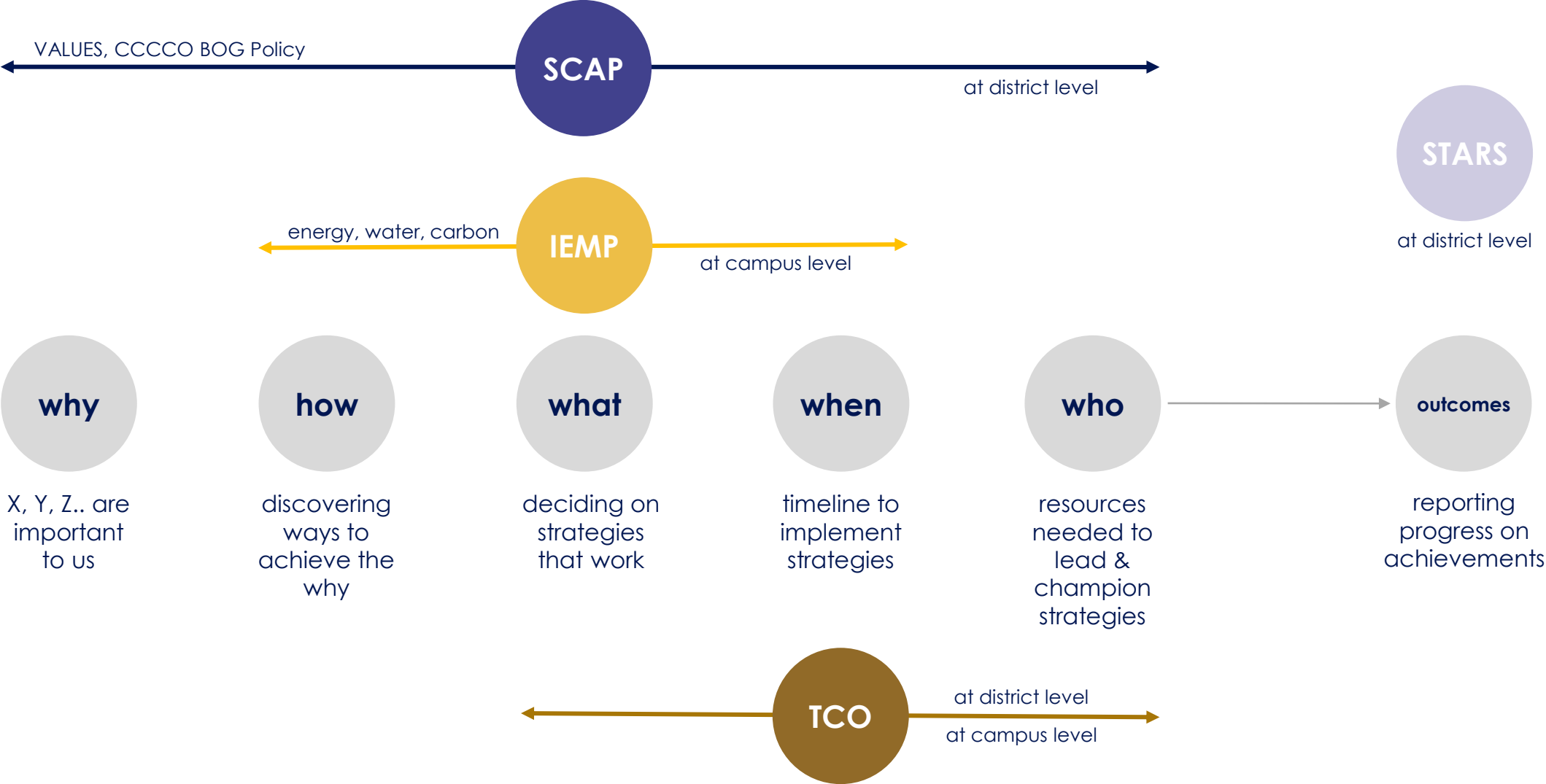
## Norco College

- **Maxwell Murphey** - Associate Faculty, Academic Senate
- **Isaac Nunez** - Student Representative, College Students Association
- **Michael Collins** - Vice President, Business Services, Business Services Office
- **Steven Marshall** - Director, Facilities M&O
- **Andy Aldasoro** - Classified Representative

## Riverside City College

- **Garth Schultz** – Associate Professor, Faculty Association
- **Tonya Huff** – Assistant Professor, Academic Senate
- **Jordyn Villanueva** - Student Representative, College Students Association
- **Albert Jaramillo** – Student Representative, College Students Association (Alternate)
- **Chip West** - Vice President, Business Services, Business Services Office
- **Robert Beebe** - Interim Director, Facilities M&O
- **Peter Lomas** - Classified Representative

# Connections





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.





# Defining Sustainability

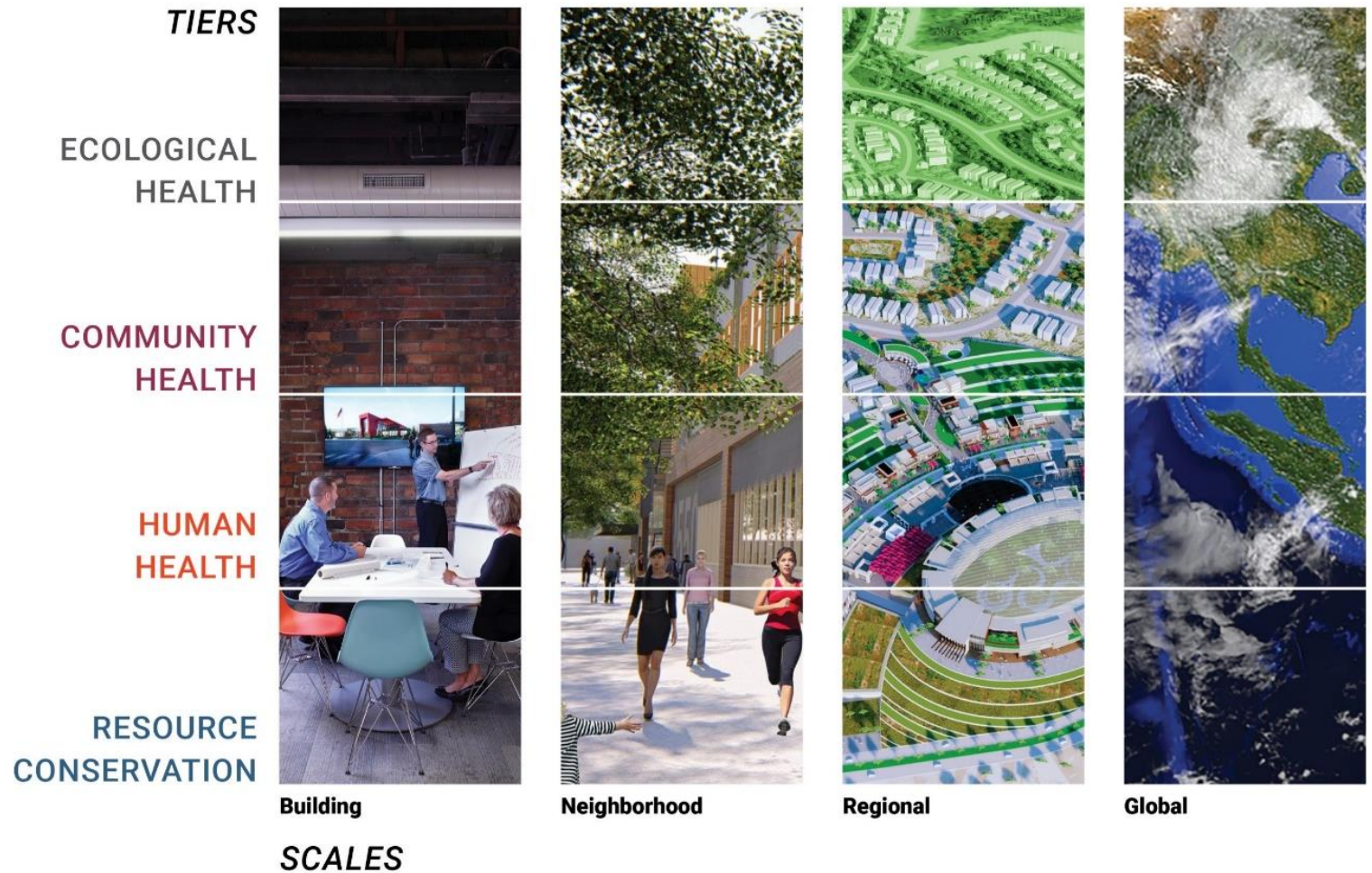
## Planning & Sustainability

Our choices have an impact at all scales.

Our choices impact all categories

Environment is everything around us including us while the ecology describes how all those work.

Ecology looks at the interaction between everything.

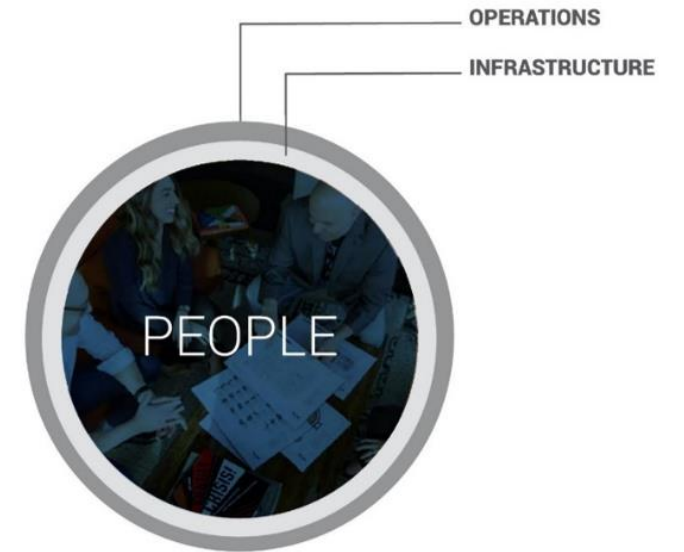




# User Experience + Performance



## Design Solution



Holistic design thinking maximizes opportunities for optimal design impact on people, operations, and infrastructure.

# Comprehensive Sustainability Language



Decarbonization:  
Transportation  
Multi-Modal  
Transportation  
Walkability and Safety

**ACCESS + MOBILITY**

How can your project advocate and celebrate transit-oriented design, connections between transit hubs, and walkable communities?



Community Access  
Community Partnerships  
Neighborhood Vitality  
Transparency:  
Decision-Making

**COMMUNITY CONNECTOR**

How can your project support its surrounding community, build community partnerships, and connect residents to shared resources?



Beauty & Inspiration  
Historical Context of Place  
Inclusion  
Individual vs. Collective  
Placemaking  
Multi-Cultural Relevance  
Organizational Transformation

**CULTURE + IDENTITY**

How can your project celebrate its history and cultural context to develop a strong sense of place that speaks to the identities of occupants and surrounding communities?



Building Ecology  
Decarbonization:  
Sequestration  
Ecosystem Services  
Public Space  
Site Ecology

**OUTDOOR ENVIRONMENTAL QUALITY**

How can your project's outdoor spaces restore ecology, build community, and create a strong sense of place?



Climate Justice  
Economic Development  
Programming  
Equitable Development  
Siting  
Equity  
Land Use  
Social Justice

**EQUITABLE DEVELOPMENT**

How can your project promote affordability, provide access to opportunity, and advocate for those in need?



Active Spaces  
Biophilia  
Evidence-Based  
Modalities  
Hearthment  
Play

**HEALTH + WELL-BEING**

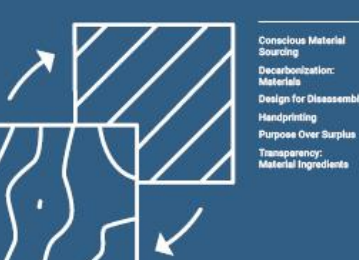
How can intentional design features actively promote users' emotional and physical well-being and encourage them to make healthier choices?



Acoustic Comfort  
Air Quality  
Thermal Comfort  
Visual Comfort

**INDOOR ENVIRONMENTAL QUALITY**

How can your project support user comfort and productivity?



Conscious Material Sourcing  
Decarbonization:  
Materials  
Design for Disassembly  
Handprinting  
Purpose Over Surplus  
Transparency:  
Material Ingredients

**MATERIALS IMPACT**

How do your materials choices support healthy ecology, communities, and economies?



Building Systems Selection  
Decarbonization: Energy Generation  
Energy Cost Reduction  
Energy Need Reduction

**ENERGY**

How can changes in energy infrastructure support your broader mission, reduce costs, and build a healthier planet?



Building Resiliency  
Community Resiliency  
Economic Resiliency  
Emergency Planning  
Emotional Resiliency  
Risk Adaptation & Mitigation

**RESILIENCY**


How can your project help its users and community adapt to and recover from unexpected situations?



Conscious Cleaning & Upkeep Goods & Supplies  
Operational Optimization  
Regulatory Partnerships  
Safety & Security  
Transparency: Building Performance  
Waste

**PROCUREMENT + OPERATIONS**

How can procurement, building operations, and management practices support your broader project goals?



(Storm) Water Management  
Hydrological Balance  
Potable Water Quality  
Water Context of Place  
Water Self-Sufficiency

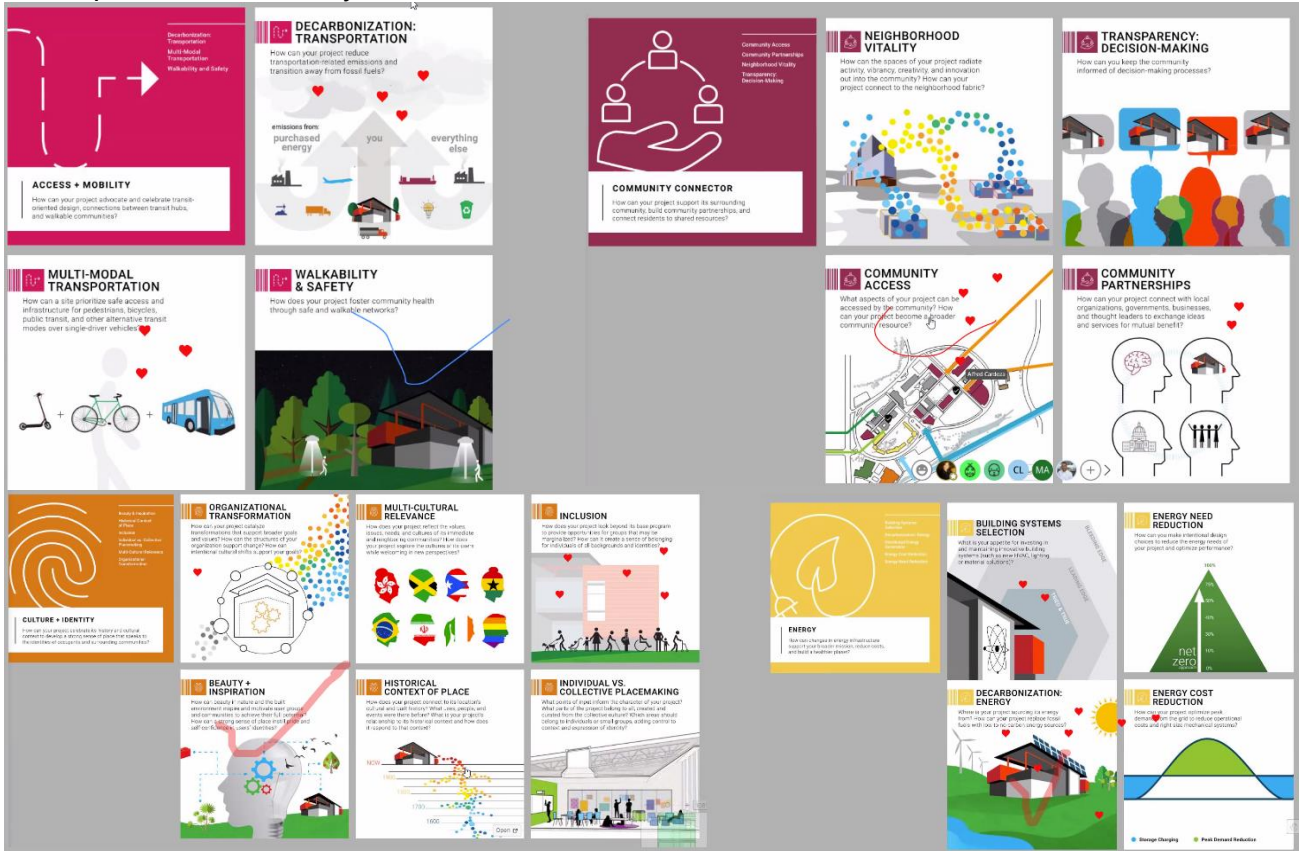
**WATER**

What connections to water are important to your users and neighboring communities?



Minutes:

- **Welcome (See attached slides, 1-10)**
  - All meetings will be recorded, and minutes posted for anyone unable to attend sessions.
  - DLR Group provided a brief overview the Integrated Planning Process, how the deliverables of this project will speak to other plans such as the District Strategic Plan, College's Strategic Plan, etc.
  - DLR Group described the deliverables of this project and denoted this process will have a lot of terminology we will review.
  - DLR Group introduced stamp features of Zoom to allow attendees to participate and engage in the VALUES activity.
- **Activity (See Notes from each breakout group)**
  - Attendees were divided into three groups and sent out into breakout rooms to learn more about the VALUES topics and prioritize which VALUES is where Moreno Valley Resource Council believes the district priorities around Sustainability and Climate Action should be invested.
- **Group 1**
  - STEP 1: Group 1 reviewed all 12 VALUES topics and stamped a heart of a card resonated with them and a question mark if they wanted more information.



**EQUITABLE DEVELOPMENT**

How can your project promote affordability, provide access to opportunity, and advocate for those in need?

**SOCIAL JUSTICE**

How can your project manifest a fair and just society in which individuals receive equal economic, political and social rights and opportunities?

**LAND USE**

How could different combinations of activities and uses on your site affect the environment and human health? How do adjacent land uses affect your site's intended uses?

**CLIMATE JUSTICE**

How can your project mitigate the effects of climate change to ensure that no single community or group of people is unjustly affected by the project's environmental burdens or benefits?

**ECONOMIC DEVELOPMENT PROGRAMMING**

What programs and initiatives within a project can build economic and social vitality in the surrounding community?

**EQUITABLE DEVELOPMENT SITING**

How can your project location foster a healthy, vibrant community that reduces disparities of ecological and economic health for underserved populations?

**EQUITY**

How is your project allocating services, resources, and opportunities in a just and equitable manner, and prioritizing marginalized groups?

**HEALTH + WELL-BEING**

How can intentional design features actively promote users' emotional and physical well-being and encourage them to make healthier choices?

**EVIDENCE-BASED MODALITIES**

How do your cognitive and physical needs change while doing different tasks throughout the day? How can spaces best support the specific tasks they are designed for?

**NOURISHMENT**

How does your project promote healthy food choices and eating habits? How do your procurement policies impact healthy eating and sustainable food sourcing?

**PLAY**

How can your project provide user groups with opportunities to play, explore, experiment, and find joy?

**BIOPHILIA**

How can your project incorporate patterns and influences from nature into the design of the built environment? What natural elements do user groups value and how can it support occupant health and performance?

**ACTIVE SPACES**

What aspects of your project can promote health and fitness-related activities and movement?

**INDIVIDUAL FULFILLMENT**

How can your project support the ability of individuals to grow and achieve social, intellectual, and emotional fulfillment? How can your project help its users develop skills that enhance broader project goals?

**INDOOR ENVIRONMENTAL QUALITY**

How can your project support user comfort and productivity?

**THERMAL COMFORT**

What environmental factors impact thermal comfort? How can thermal conditions that change in the thermal environment be addressed?

**VISUAL COMFORT**

What are the ergonomic quality and quality of light required to perform the primary activities in the facility?

**MATERIALS IMPACT**

How do your material choices support facility building objectives and purposes?

**DESIGN FOR DISASSEMBLY**

How can we think and design beyond a building? How do we create a model of future reuse, renovation, and meaningful reuse?

**HANDPRINTING**

How do components design choices, construction, and operations along the supply chain?

**PURPOSE OVER SURPLUS**

How do components design choices reduce waste or consumption and the generation of surplus or waste?

**ACOUSTIC COMFORT**

What acoustic conditions need to be considered to allow concentration on the primary activities in the facility?

**AIR QUALITY**

What pollutants in the indoor air that occupants breathe can reduce the occupant's health?

**TRANSPARENCY: MATERIAL INGREDIENTS**

How can digital technologies help high material flow buildings to make better decisions for building occupants?

**DECARBONIZATION: MATERIALS**

How can material selection and embodied carbon and operational carbon consumption to mitigate a building's footprint?

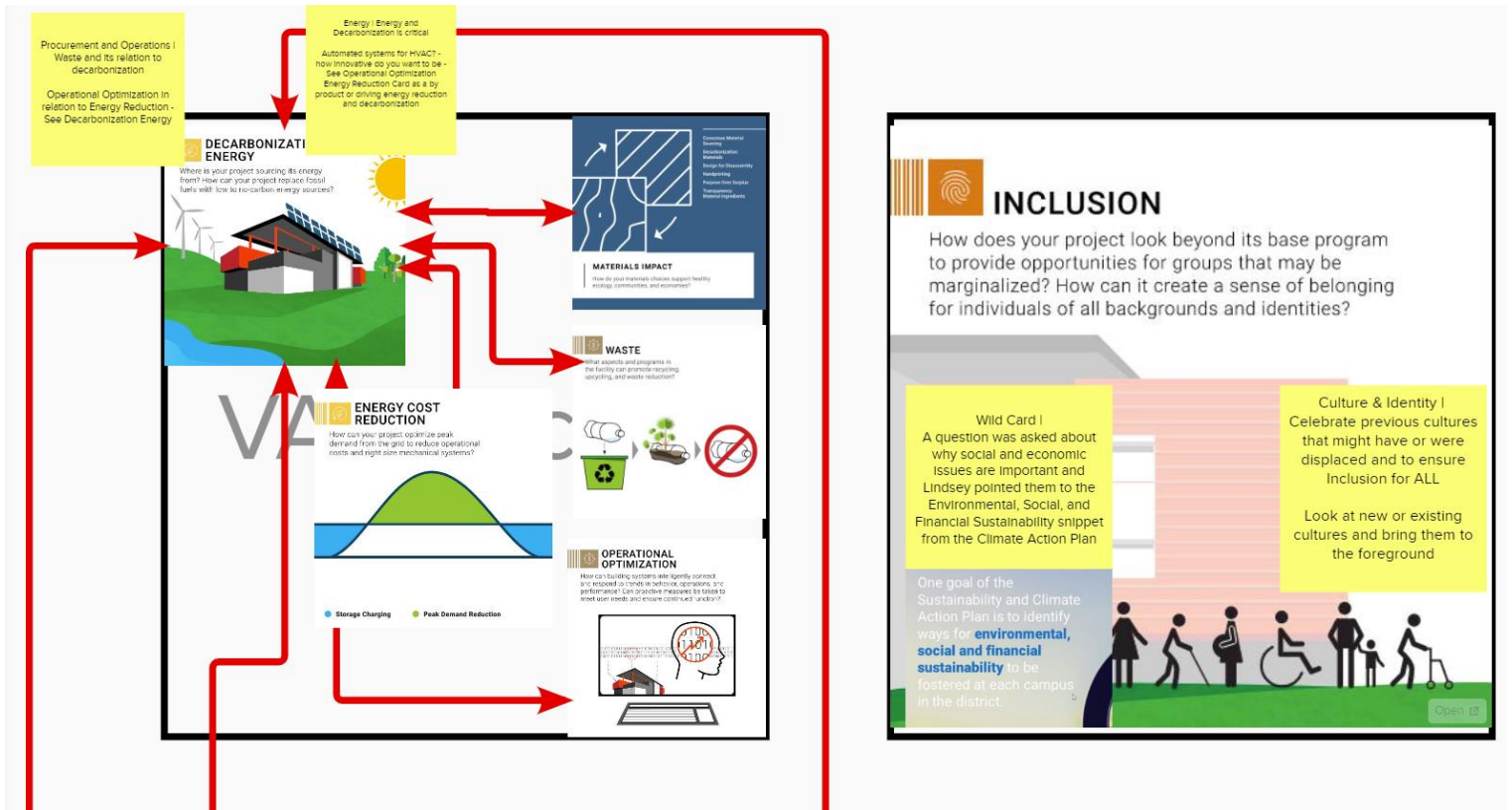
**CONSCIOUS MATERIAL SOURCING**

How do we build responsibly that support local economies and protect local ecology?





- STEP 2: Group 1 discussed the cards that resonated the most with the group. At first many of the attendees had a strong connection to Environmental aspects such as carbon, energy and water. We briefly reviewed the slide where the 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. This sparked additional conversations to include social and financial aspects.
- Group 1 identified top VALUES , but made several connections between each value as though one should not exist without the other.





### WATER SELF-SUFFICIENCY

How can your project ensure a reliable water supply regardless of external circumstances and systems? What is your tolerance for water systems innovation to achieve water self-sufficiency?

Water | Water to Energy usage? What is the energy used to filter and/or use water?

Concerns of water shortage  
Can energy and water be tied together?

Sourcing of materials and the increase or decrease of carbon footprint and embodied energy is a concern.  
How does that impact communities and economies in terms of labor and social justice - cause and multiple effects?

### AIR QUALITY

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

Indoor Environmental Quality | Air Quality Indoor/ Outdoor In general are very important aspects of comfort to get attention on.

**OUTDOOR ENVIRONMENTAL QUALITY**  
How can your project's outdoor spaces restore ecology, build community, and create a strong sense of place?

Building Ecology  
Decarbonization  
Squeezation  
Ecosystem Services  
Public Space  
Safe Ecology

### ECONOMIC RESILIENCY

How can your project create a supportive balance of uses and revenue sources to ensure continued economic vitality in the face of unexpected events?

Resiliency | Resource sub-committee was in this group or part of this call so its important

Will need/want student engagement with emphasis on Economic Resiliency Economic Resiliency Card

**RESILIENCY**  
How can your project help its users and community adapt to and recover from unexpected situations?

Building Resiliency  
Community Resiliency  
Economic Resiliency  
Emergency Planning  
Emotional Resiliency  
Risk Adaptation & Mitigation

### MULTI-MODAL TRANSPORTATION

How can a site prioritize safe access and infrastructure for pedestrians, bicycles, public transit, and other alternative transit modes over single-driver vehicles?

Multi-Modal Transportation | Electric Vehicle charging stations is important and multiple inquires for how the university is addressing that.

Does working from home help to alleviate commuting carbon? - See Decarbonization Card as well

- Group 1 closed out to verify that the students will be going through this same process and will have the opportunities to share what they believe should be VALUES.
  - DLR Group confirmed that students will be doing the same activity. And we will synthesize all VALUES sessions into a final report so they can see how their top VALUES compared across the district.

• Group 2

<p>Decarbonization: Transportation Multi-Modal Transportation Walkability and Safety</p> <p><b>ACCESS + MOBILITY</b></p> <p>How can your project advocate and celebrate transit-oriented design, connections between transit hubs, and walkable communities?</p>	<p><b>DECARBONIZATION: TRANSPORTATION</b></p> <p>How can your project reduce transportation-related emissions and transition away from fossil fuels?</p> <p>emissions from: purchased energy, you, everything else</p>
<p><b>MULTI-MODAL TRANSPORTATION</b></p> <p>How can a site prioritize safe access and infrastructure for pedestrians, bicycles, public transit, and other alternative transit modes over single-driver vehicles?</p>	<p><b>WALKABILITY &amp; SAFETY</b></p> <p>How does your project foster community health through safe and walkable networks?</p>

<p>Community Access Community Partnerships Neighborhood Vitality Transparency: Decision-Making</p> <p><b>COMMUNITY CONNECTOR</b></p> <p>How can your project support its surrounding community, build community partnerships, and connect residents to shared resources?</p>	<p><b>NEIGHBORHOOD VITALITY</b></p> <p>How can the spaces of your project radiate activity, vibrancy, creativity, and innovation out into the community? How can your project connect to the neighborhood fabric?</p>	<p><b>TRANSPARENCY: DECISION-MAKING</b></p> <p>How can you keep the community informed of decision-making processes?</p>
<p><b>COMMUNITY ACCESS</b></p> <p>What aspects of your project can be accessed by the community? How can your project become a broader community resource?</p>	<p><b>COMMUNITY PARTNERSHIPS</b></p> <p>How can your project connect with local organizations, governments, businesses, and thought leaders to exchange ideas and services in mutual benefit?</p>	

### IDENTITY

- Beauty & Inspiration
- Historical Context of Place
- Inclusion
- Individual vs. Collective Placemaking
- Multi-Cultural Relevance
- Organizational Transformation

#### CULTURE + IDENTITY

How can your project celebrate its history and cultural context to develop a strong sense of place that speaks to the identities of occupants and surrounding communities?

### ORGANIZATIONAL TRANSFORMATION

How can your project catalyze transformations that support broader goals and values? How can the structures of your organization support change? How can intentional cultural shifts support your goals?

### MULTI-CULTURAL RELEVANCE

How does your project reflect the values, issues, needs, and cultures of its immediate and neighboring communities? How does your project explore the cultures of its users while welcoming in new perspectives?

### INCLUSION

How does your project look beyond its base program to provide opportunities for groups that may be marginalized? How can it create a sense of belonging for individuals of all backgrounds and identities?

### BEAUTY + INSPIRATION

How can beauty in nature and the built environment inspire and motivate user groups and communities to achieve their full potential? How can a strong sense of place instill pride and self-confidence in users' identities?

### HISTORICAL CONTEXT OF PLACE

How does your project connect to its location's cultural and built history? What uses, people, and events were there before? What is your project's relationship to its historical context and how does it respond to that context?

### INDIVIDUAL VS. COLLECTIVE PLACEMAKING

What points of input inform the character of your project? What parts of the project belong to all, created and curated from the collective culture? Which areas should belong to individuals or small groups, adding control to context and expression of identity?

### ENERGY

- Building Systems Selection
- Decarbonization: Energy Generation
- Distributed Energy Generation
- Energy Cost Reduction
- Energy Need Reduction

How can changes in energy infrastructure support your broader mission, reduce costs, and build a healthier planet?

### BUILDING SYSTEMS SELECTION

What is your appetite for investing in and maintaining innovative building systems (such as new HVAC, lighting, or material solutions)?

### ENERGY NEED REDUCTION

How can you make intentional design choices to reduce the energy needs of your project and optimize performance?

### DECARBONIZATION: ENERGY

Where is your project sourcing its energy from? How can your project replace fossil fuels with low to no-carbon energy sources?

### ENERGY COST REDUCTION

How can your project optimize peak demand from the grid to reduce operational costs and right size mechanical systems?



<p><b>EQUITABLE DEVELOPMENT</b></p> <p>How can your project promote affordability, provide access to opportunity, and advocate for those in need?</p>	<p><b>SOCIAL JUSTICE</b></p> <p>How can your project manifest a fair and just society in which individuals receive equal economic, political, and social rights and opportunities?</p>	<p><b>LAND USE</b></p> <p>How could different combinations of activities and uses on your site affect the environment and human health? How do adjacent land uses affect your site's intended uses?</p>	<p><b>CLIMATE JUSTICE</b></p> <p>How can your project mitigate the effects of climate change to ensure that no single community or group of people is unjustly affected by the project's environmental burdens or benefits?</p>
<p><b>HEALTH + WELL-BEING</b></p> <p>How can intentional design features actively promote users' emotional and physical well-being and encourage them to make healthier choices?</p>	<p><b>ECONOMIC DEVELOPMENT PROGRAMMING</b></p> <p>What programs and initiatives within your project can build economic and social vitality in the surrounding community?</p>	<p><b>EQUITABLE DEVELOPMENT SITING</b></p> <p>How can your project location foster a healthy, vibrant community that reduces disparities of ecological and economic health for underserved populations?</p>	<p><b>EQUITY</b></p> <p>How is your project allocating services, resources, and opportunities in a just and equitable manner, and prioritizing marginalized groups?</p>
<p><b>INDOOR ENVIRONMENTAL QUALITY</b></p> <p>How can your project support user comfort and productivity?</p>	<p><b>EVIDENCE-BASED MODALITIES</b></p> <p>How do your cognitive and physical needs change while doing different tasks throughout the day? How can spaces best support the specific tasks they are designed for?</p>	<p><b>NOURISHMENT</b></p> <p>How does your project promote healthy food choices and eating habits? How do your procurement policies impact healthy eating and sustainable food sourcing?</p>	<p><b>PLAY</b></p> <p>How can your project provide user groups with opportunities to play, explore, experiment, and find joy?</p>
<p><b>INDOOR ENVIRONMENTAL QUALITY</b></p> <p>How can your project support user comfort and productivity?</p>	<p><b>BIOPHILIA</b></p> <p>How can your project incorporate patterns and influences from nature into the design of the built environment? What natural experiences do user groups value and how can it support occupant health and performance?</p>	<p><b>ACTIVE SPACES</b></p> <p>What aspects of your project can promote health and fitness-related activities and movement?</p>	<p><b>INDIVIDUAL FULFILLMENT</b></p> <p>How can your project support the ability of individuals to grow and achieve social, intellectual, and emotional fulfillment? How can your project help its users develop skills that advance broader project goals?</p>
<p><b>INDOOR ENVIRONMENTAL QUALITY</b></p> <p>How can your project support user comfort and productivity?</p>	<p><b>THERMAL COMFORT</b></p> <p>What environmental factors impact thermal comfort? How can thermal imbalance due to changes in the thermal environment be reduced?</p>	<p><b>VISUAL COMFORT</b></p> <p>What is the appropriate quantity and quality of light required to perform the primary activities in the facility?</p>	<p><b>INDIVIDUAL FULFILLMENT</b></p> <p>How can your project support the ability of individuals to grow and achieve social, intellectual, and emotional fulfillment? How can your project help its users develop skills that advance broader project goals?</p>
<p><b>INDOOR ENVIRONMENTAL QUALITY</b></p> <p>How can your project support user comfort and productivity?</p>	<p><b>ACOUSTIC COMFORT</b></p> <p>What acoustical distractions need to be controlled to allow concentration on the primary activities in the facility?</p>	<p><b>AIR QUALITY</b></p> <p>What pollutes the indoor air that occupants breathe? How can pollution be avoided or treated?</p>	<p><b>INDIVIDUAL FULFILLMENT</b></p> <p>How can your project support the ability of individuals to grow and achieve social, intellectual, and emotional fulfillment? How can your project help its users develop skills that advance broader project goals?</p>

### MATERIALS IMPACT

How do your materials choices support healthy ecology, communities, and economies?

- Conscious Material Sourcing
- Decarbonization
- Materials
- Design for Disassembly
- Handprinting
- Purpose Over Surplus
- Transparency
- Material Ingredients

### DESIGN FOR DISASSEMBLY

How can we think and design beyond a building's lifespan to create a cycle of material recovery, value retention, and meaningful reuse?

### HANDPRINTING

How does a material impact people, communities, and ecosystems along the supply chain?

### PURPOSE OVER SURPLUS

How do purposeful design choices reduce material consumption and the generation of construction waste?

### TRANSPARENCY: MATERIAL INGREDIENTS

How can material transparency highlight material ingredients to make healthier choices for building occupants?

Material Facts	
Building Per Serving 1 Building Per Block 4	
% Daily Value	
Global Warming Potential	(government standard in kg CO2e/kg)
Depletion of the abiotic resource base	(kg \$2015 / kg)
Acidification of land and water resources	(kg \$2015 / kg)
Respiration	(kg \$2015 / kg)
Depletion of nonrenewable energy resources	(kg \$2015 / kg)

### DECARBONIZATION: MATERIALS

How can material selection reduce embodied carbon and operational carbon consumption to mitigate global warming?

### CONSCIOUS MATERIAL SOURCING

How can we source materials that support local economies and protect local ecology?

### OUTDOOR ENVIRONMENTAL QUALITY

How can your project's outdoor spaces restore ecology, build community, and create a strong sense of place?

- Building Ecology
- Decarbonization
- Sequestration
- Ecosystem Services
- Public Space
- Site Ecology

### PUBLIC SPACE

How can outdoor public space promote connectedness, community, health, expression, and civic pride?

### SITE ECOLOGY

How can a site's selection and design regenerate ecosystem health, connect habitats, promote biodiversity, and protect non-human species to ensure a more resilient community?

### BUILDING ECOLOGY

How can intentional design choices at the building level, such as dark-sky lighting and avian-friendly design, promote ecosystem health?

### DECARBONIZATION: SEQUESTRATION

How can the outdoor landscape help sequester carbon and improve your site's outdoor environment?

### ECOSYSTEM SERVICES

How can natural infrastructure become a resource to mitigate flooding, filter pollutants, mitigate the heat island effect, and improve mental and physical well-being?



 <p><b>PROCUREMENT + OPERATIONS</b></p> <p>How can procurement, building operations, and management practices support your broader project goals?</p> <p><small>Conscious Cleaning &amp; Upkeep Goods &amp; Supplies Operational Optimization Regulatory Partnerships Safety &amp; Security Transparency: Building Performance Waste</small></p>	<p><b>SAFETY + SECURITY</b></p> <p>How can the design of a facility enable safe, comfortable and secure environments for all users?</p> 	<p><b>CONSCIOUS CLEANING + UPKEEP</b></p> <p>What aspects and programs in your project can minimize cleaning, maintenance, and pest management needs? Can you use non-toxic supplies that maintain human and ecological health?</p> 	<p><b>TRANSPARENCY: BUILDING PERFORMANCE</b></p> <p>What aspects of building performance can be transparent and communicated to users?</p> 
<p><b>GOODS + SUPPLIES</b></p> <p>How can you intentionally procure furniture, electronics, and supplies in a way that eliminates waste and extends the timeline for replacement?</p> 	<p><b>OPERATIONAL OPTIMIZATION</b></p> <p>How can building systems intelligently connect and respond to trends in behavior, operations, and performance? Can proactive measures be taken to meet user needs and ensure continued function?</p> 	<p><b>REGULATORY PARTNERSHIPS</b></p> <p>How can your project take advantage of local programs and incentives to procure more sustainable infrastructure and resources?</p> 	<p><b>WASTE</b></p> <p>What aspects and programs in the facility can promote recycling, upcycling, and waste reduction?</p> 
<p><b>RESILIENCY</b></p> <p>How can your project help its users and community adapt to and recover from unexpected situations?</p>  <p><small>Building Resiliency Community Resiliency Economic Resiliency Emergency Planning Emotional Resiliency Risk Adaptation &amp; Mitigation</small></p>	<p><b>RISK ADAPTION + MITIGATION</b></p> <p>How can we proactively identify and mitigate the risks that could prevent you from providing the primary functions of your facility?</p> 	<p><b>EMOTIONAL RESILIENCY</b></p> <p>What aspects of the project can provide safety, refuge, and emotional support to help occupants adapt to stressful situations?</p> 	<p><b>BUILDING RESILIENCY</b></p> <p>What intentional design features in a facility can easily respond to and support the primary functions for users during and after an unexpected event?</p> 
<p><b>COMMUNITY RESILIENCY</b></p> <p>What measures and features can your project provide to the larger community it serves during and after an unexpected event?</p> 	<p><b>ECONOMIC RESILIENCY</b></p> <p>How can your project create a supportive balance of uses and revenue sources to ensure continued economic vitality in the face of unexpected events?</p> 	<p><b>EMERGENCY PLANNING</b></p> <p>How can we define a clear plan of action for operating your building / site during a short term or long term hazard event?</p> 	
<p><b>WATER</b></p> <p>What connections to water are important to your users and neighboring communities?</p>  <p><small>(Storm) Water Management Hydrological Balance Potable Water Quality Water Context of Place Water Self-Sufficiency</small></p>	<p><b>WATER SELF-SUFFICIENCY</b></p> <p>How can your project ensure a reliable water supply regardless of external circumstances and systems? What is your tolerance for water systems innovation to achieve water self-sufficiency?</p> 	<p><b>WATER CONTEXT OF PLACE</b></p> <p>How does your project connect to its location's water history? How can your project solve the local challenges associated with water? How can it celebrate the cultural relationships people have with water?</p> 	
<p><b>(STORM) WATER MANAGEMENT</b></p> <p>What is the long term water need for the facility in quantity and quality? How can needs be reduced and quality maintained through out the life of the facility?</p> 	<p><b>HYDROLOGICAL BALANCE</b></p> <p>How can your project positively impact larger regional water systems upstream and downstream?</p> 	<p><b>POTABLE WATER QUALITY</b></p> <p>What pollutes the water for human consumption inside and outside your facility? How can pollution be avoided or treated?</p> 	

- STEP 2: Group 2 discussed their top VALUES:
  - Water – Due to climate
  - Resiliency – Due to Covid
  - Community Partnerships – Promoting the college; exposure
  - Inclusion –
  - Building Ecology
  - Emergency Planning
  - Active Spaces

**Group 3**

- STEP 1: Participants discussed each category and which cards were the most aligned with MVC from their standpoint.

<p><b>ACCESS + MOBILITY</b> How can your project advocate and celebrate transit-oriented design, connections between transit hubs, and walkable communities?</p>	<p><b>COMMUNITY CONNECTOR</b> How can your project support its surrounding community, build community partnerships, and connect residents to shared resources?</p>	<p><b>NEIGHBORHOOD VITALITY</b> How can the spaces of your project radiate activity, vibrancy, creativity, and innovation out into the community? How can your project connect to the neighborhood fabric?</p>		
<p><b>DECARBONIZATION: TRANSPORTATION</b> How can your project reduce transportation-related emissions and transition away from fossil fuels?</p>	<p>Request EV Chargers! Colleges are requesting</p>	<p><b>TRANSPARENCY: DECISION-MAKING</b> How can you keep the community informed of decision-making processes?</p>	<p>more transparency needed - hard to measure community repose - can be a hub for community members - Inviting community members to benefit</p>	
<p><b>WALKABILITY &amp; SAFETY</b> How does your project foster community health through safe and walkable networks?</p>	<p>Essential that feel safe - balance that with environment</p>	<p><b>COMMUNITY PARTNERSHIPS</b> How can your project connect with local organizations, governments, businesses, and thought leaders to exchange ideas and services for mutual benefit?</p>	<p>leveraging funding and additional services to members</p>	<p>dual enrollment potential</p>





**Beauty & Inspiration**  
**Historical Context of Place**  
**Inclusion**  
**Indigenous or Collective Planning**  
**Multi-Cultural Relevance**  
**Organizational Transformation**

**CULTURE + IDENTITY**

How can your project celebrate its history and cultural context to develop a strong sense of place that accords to the identities of occupants and surrounding communities?



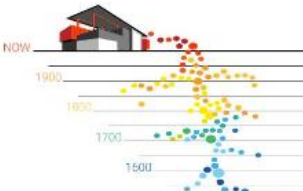
**Building Systems Selection**  
**Distributed Energy Generation**  
**Energy Cost Reduction**  
**Energy Load Reduction**

**ENERGY**

How can changes in energy infrastructure support your broader mission, reduce costs, and build a healthier planet?

**HISTORICAL CONTEXT OF PLACE**

How does your project connect to its location's cultural and built history? What uses, people, and events were there before? What is your project's relationship to its historical context and how does it respond to that context?



**ORGANIZATIONAL TRANSFORMATION**

How can your project catalyze transformations that support broader goals and values? How can the structures of your organization support change? How can intentional cultural shifts support your goals?




community can see and identify and other organizational transformation

Is the college a hub?

**BUILDING SYSTEMS SELECTION**

What is your appetite for investing in and maintaining innovative building systems (such as new HVAC, lighting, or material solutions)?



**MULTI-CULTURAL RELEVANCE**

How does your project reflect the values, issues, needs, and cultures of its immediate and neighboring communities? How does your project explore the cultures of its users while welcoming in new perspectives?



**INCLUSION**

How does your project look beyond its base program to provide opportunities for groups that may be marginalized? How can it create a sense of belonging for individuals of all backgrounds and identities?




can we have a community member in the committee

improving the cultural awareness from participants so they feel included

scale and neighborhood communication

**ENERGY COST REDUCTION**

How can your project optimize peak demand from the grid to reduce operational costs and right size mechanical systems?



● Storage Charging ● Peak Demand Reduction




Climate Justice  
Economic Development  
Programming  
Equitable Development  
Siting  
Equity  
Land Use  
Social Justice

**EQUITABLE DEVELOPMENT**  
How can your project promote affordability, provide access to opportunity, and advocate for those in need?


**CLIMATE JUSTICE**  
How can your project mitigate the effects of climate change to ensure that no single community or group of people is unjustly affected by the project's environmental burdens or benefits?



**EQUITABLE DEVELOPMENT SITING**  
How can your project location foster a healthy, vibrant community that reduces disparities of ecological and economic health for underserved populations?



**EQUITY**  
How is your project allocating services, resources, and opportunities in a just and equitable manner, and prioritizing marginalized groups?



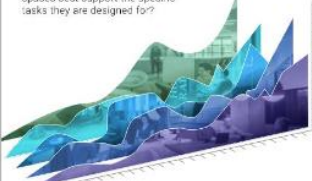
lot of people use the grounds to exercise

can we promote more



**HEALTH + WELL-BEING**  
How can intentional design features actively promote users' emotional and physical well-being and encourage them to make healthier choices?

**EVIDENCE-BASED MODALITIES**  
How do your cognitive and physical needs change while doing different tasks throughout the day? How can spaces best support the specific tasks they are designed for?



**ACTIVE SPACES**  
What aspects of your project can promote health and fitness-related activities and movement?



gym for community access

Acoustic Comfort  
Air Quality  
Thermal Comfort  
Visual Comfort

### INDOOR ENVIRONMENTAL QUALITY

How can your project support user comfort and productivity?


Conscious Material Sourcing  
Decarbonization: Materials  
Design for Disassembly  
Handprinting  
Purpose Over Surplus  
Transparency: Material Ingredients

### MATERIALS IMPACT

How do your materials choices support healthy ecology, communities, and economies?

### THERMAL COMFORT

What environmental factors impact thermal comfort? How can thermal imbalance due to changes in the thermal environment be reduced?



### CONSCIOUS MATERIAL SOURCING

How can we source materials that support local economies and protect local ecology?



balance value vs source

priorities to local vendors

### AIR QUALITY

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



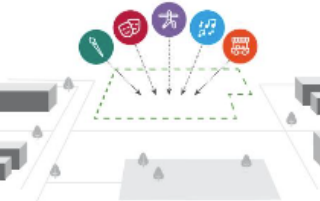
filtration system



**OUTDOOR ENVIRONMENTAL QUALITY**  
How can your project's outdoor spaces restore ecology, build community, and create a strong sense of place?

- Building Ecology
- Decarbonization
- Sequestration
- Ecosystem Services
- Public Space
- Site Ecology


**PUBLIC SPACE**  
How can outdoor public space promote connectedness, community, health, exercise, and civic pride?




**PROCUREMENT + OPERATIONS**  
How can procurement, building operations, and management practices support your broader project goals?

- Construction Clearing & Site Prep
- Costs & Budget
- Operational Optimization
- Regulatory Partnerships
- Safety & Security
- Transparency, Building Performance
- Waste

**BUILDING ECOLOGY**  
How can intentional design choices at the building level, such as dark sky lighting and avian-friendly design, promote ecosystem health?



**SAFETY + SECURITY**  
How can the design of a facility enable safe, comfortable and secure environments for all users?



**ECOSYSTEM SERVICES**  
How can natural infrastructure become a resource to mitigate flooding, filter pollutants, mitigate the heat island effect, and improve mental and physical well-being?



recycling to waste management - managed by community

recycling green waste - community for mulch

**WASTE**  
What aspects and programs in the facility can promote recycling, upcycling, and waste reduction?






- STEP 2: Group 3 identified the top VALUES based on the discussion. These included the following:
  - Inclusion
  - Walkability & Safety
  - Community Partnerships
  - Energy Cost Reduction
  - Equitable Development Siting
  - Air Quality