Meeting Minutes

DLR Group
Architecture Engineering Planning Interiors

1650 Spruce Street, Suite 300
Riverside, CA 92507

Meeting Date	09.17.2021
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, Shona O'Dea, Prem Sundharam, Grace Corsi, Hussain Agah, Majd Askar, Mahdi Afkhamiaghda, Kallie Greenshield, Mehran Mohtasham, Bart Doering, Marissa Yeager, Myra Nava, Jeff Buch, Fabian Biancardi, Kemari Wofford, Ron Kirkpatrick, Michael Collins, Steven Marshall, Garth Schultz, Tonya Huff, Robert Beebe, Peter Lomas, Chip West,
Purpose	District Sustainability Committee VALUES Session

Agenda:

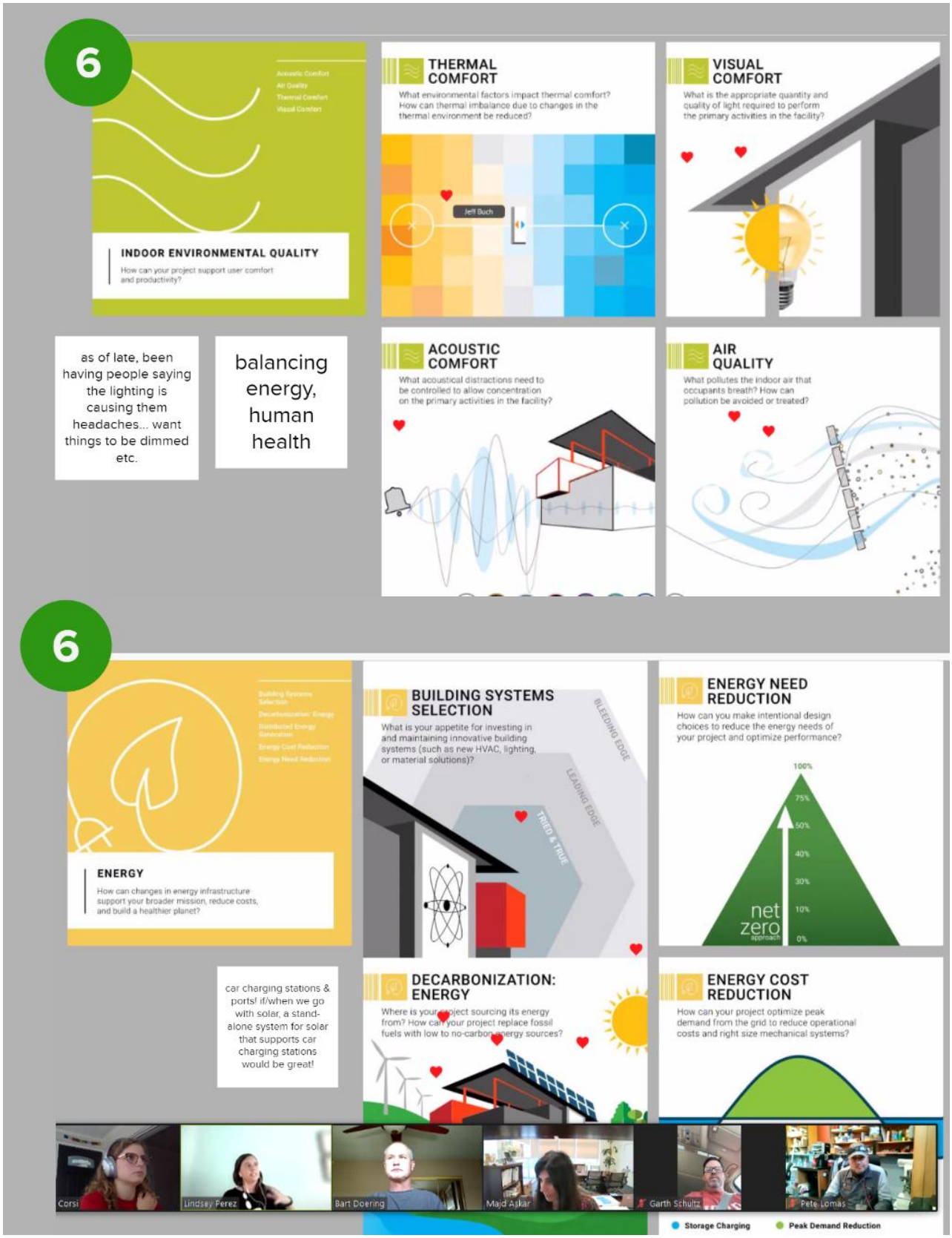
- **Welcome: Introduction of the project (10 min**)
- **Activity: Prioritize your VALUES (60 mins)**
- Breakout: Prioritize VALUES themes (50 min)
  - *What does each group value?*
  - *What themes matter most?*
- Regroup: Share out and Reflections (10 min)
  - VALUES SHARE: 4 min
  - REFLECTIONS: 6 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/firstworkspace3639/1631637791617/620f7e71411d47e21a20d7cf52af98e7753f31dd?sender=lperez9220

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 the District Sustainability Committee 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.


6
Acoustic Comfort
Air Quality
Thermal Comfort
Visual Comfort
INDOOR ENVIRONMENTAL QUALITY
How can your project support user comfort and productivity?
THERMAL COMFORT
What environmental factors impact thermal comfort? How can thermal imbalance due to changes in the thermal environment be reduced?
Jeff Buch
VISUAL COMFORT
What is the appropriate quantity and quality of light required to perform the primary activities in the facility?
as of late, been having people saying the lighting is causing them headaches... want things to be dimmed etc.
balancing energy, human health
ACOUSTIC COMFORT
What acoustical distractions need to be controlled to allow concentration on the primary activities in the facility?
AIR QUALITY
What pollutes the indoor air that occupants breath? How can pollution be avoided or treated?
6
Building Systems Selection
Decarbonization: Energy
Distributed 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 SYSTEMS SELECTION
What is your appetite for investing in and maintaining innovative building systems (such as new HVAC, lighting, or material solutions)?
BLEEDING EDGE
LEADING EDGE
TRIED & TRUE
ENERGY NEED REDUCTION
How can you make intentional design choices to reduce the energy needs of your project and optimize performance?
100%
75%
50%
40%
30%
10%
0%
net zero approach
car charging stations & ports! if/when we go with solar, a stand-alone system for solar that supports car charging stations would be great!
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?
Corsi
Lindsey Perez
Bart Doering
Majd Askar
Garth Schultz
Pete Lomas
Storage Charging
Peak Demand Reduction

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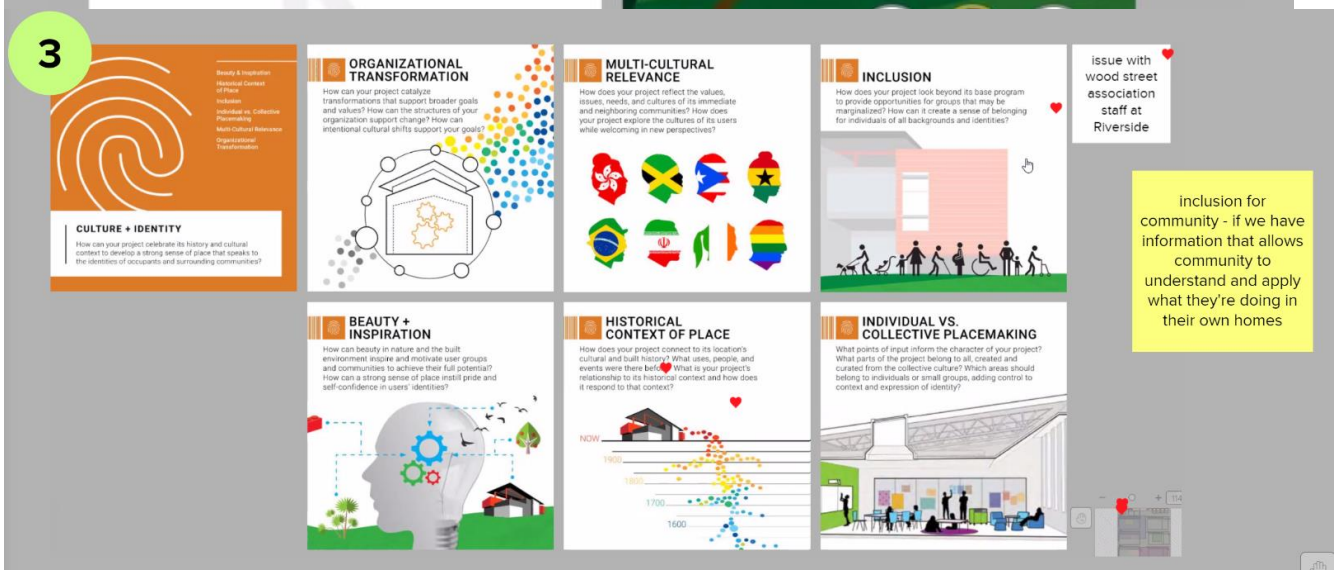

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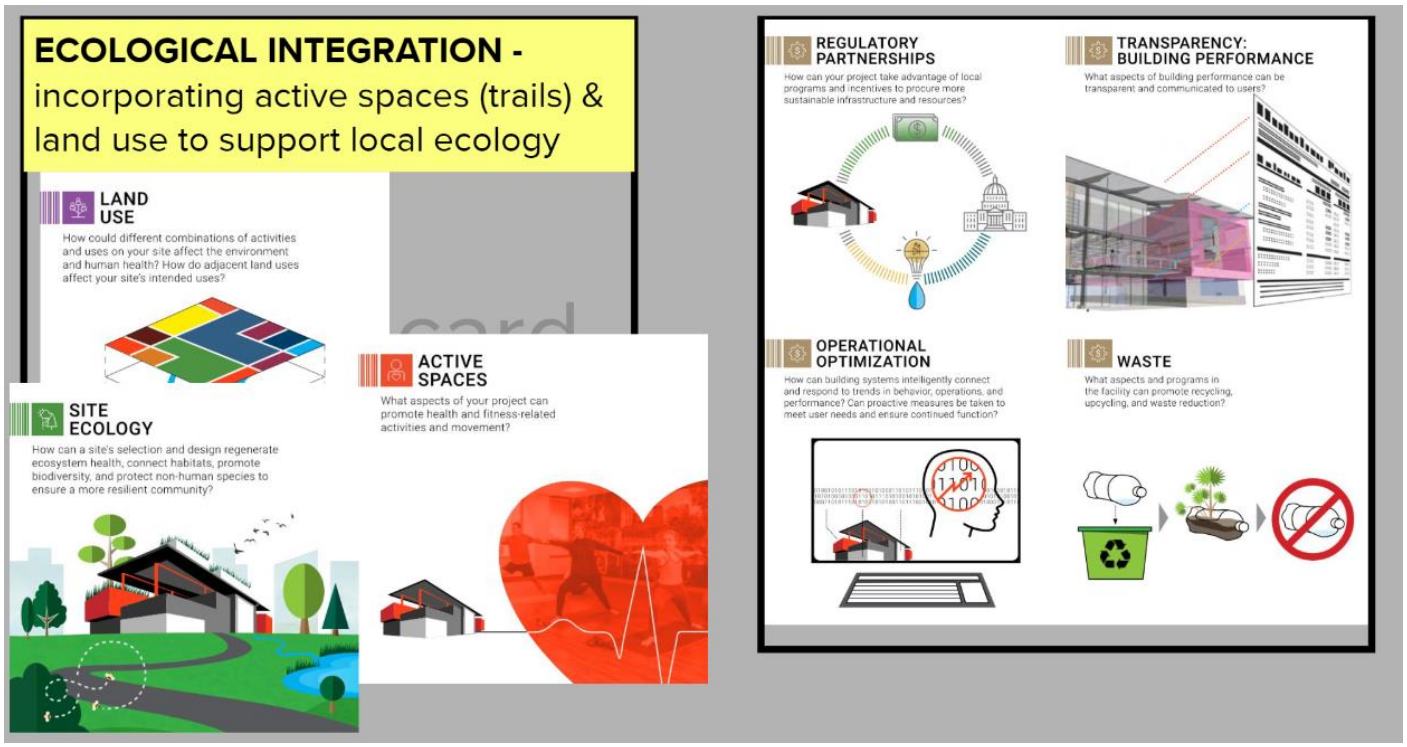
2
Community Access
Community Partnerships
Neighborhood Vitality
Transparency: Decision-Making
COMMUNITY CONNECTOR
How can your project support its surrounding community, build community partnerships, and connect residents to shared resources?
NEIGHBORHOOD VITALITY
How can the spaces of your project radiate activity, vibrancy, creativity, and innovation out into the community? How can your project connect to the neighborhood fabric?
TRANSPARENCY: DECISION-MAKING
How can you keep the community informed of decision-making processes?
COMMUNITY ACCESS
What aspects of your project can be accessed by the community? How can your project become a broader community resource?
COMMUNITY PARTNERSHIPS
How can your project connect with local organizations, governments, businesses, and thought leaders to exchange ideas and services for mutual benefit?

2
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 enviornment? What natural experiences 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 advance broader project goals?

- STEP 2: Group 1 discussed the cards that resonated the most with the group.
- Group 1 spent time connecting many of the cards into boarder themes including Decarbonization, Ecological Integration, Operations, Community Activation, Indoor Environmental Quality, Water Infrastructure and its relationship to Ecosystems.



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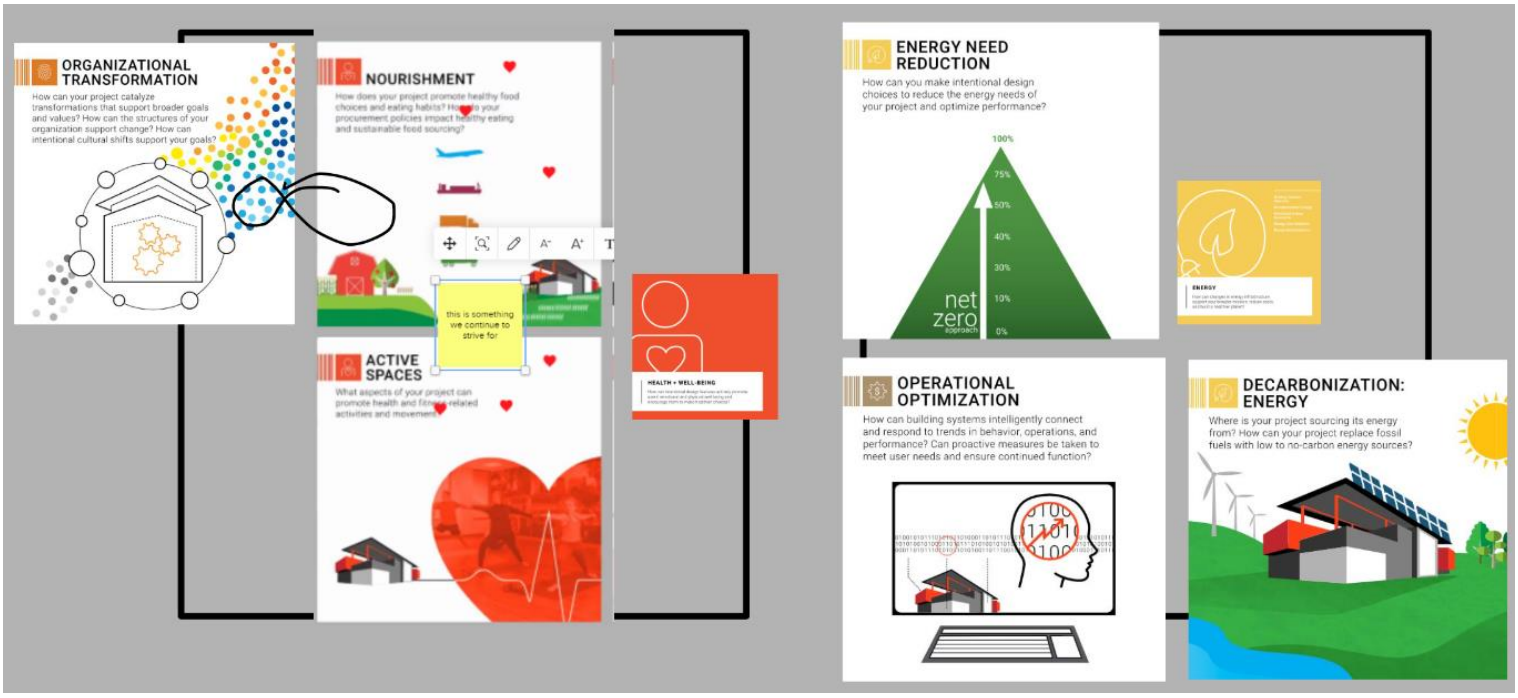
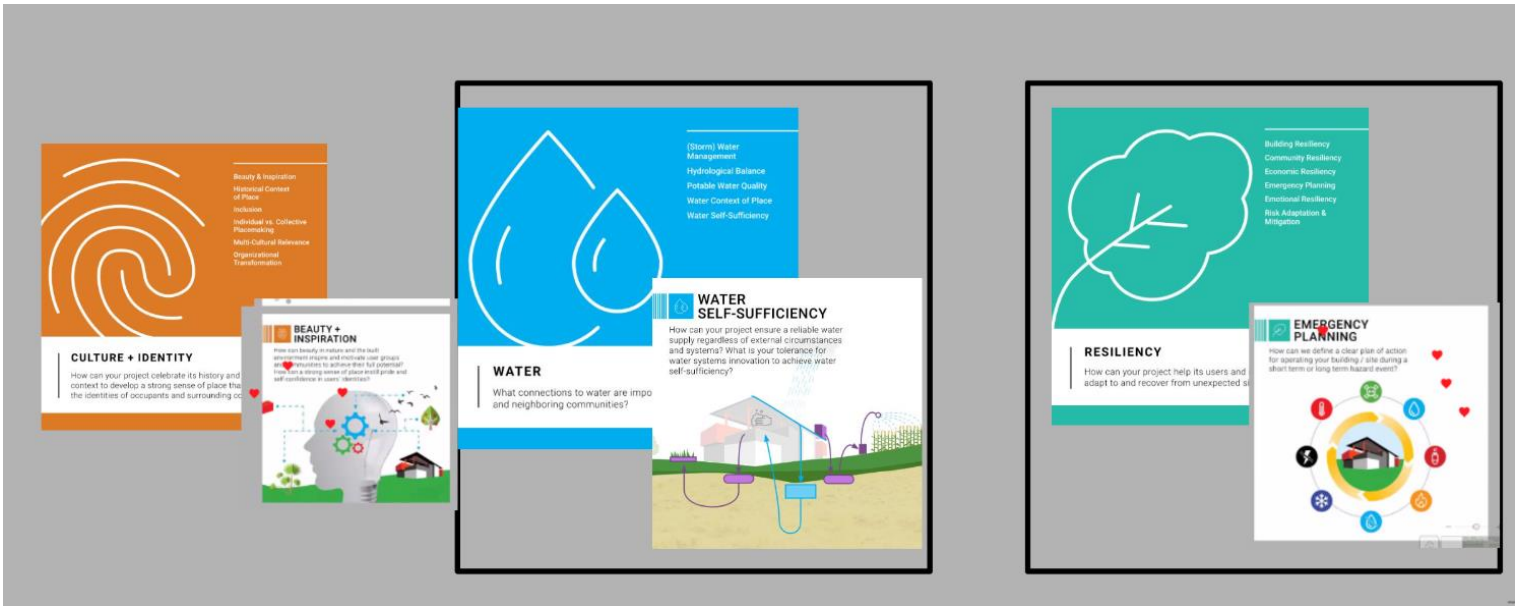
- **Group 2**
  - STEP 1: Group 2 reviewed all 12 VALUES topics and stamped a heart of a card resonated with them and a question mark if they wanted more information. Please review the mural link for a clearer view of this group's initial reactions. They spent time drawing connections between the cards as part of their discussion.

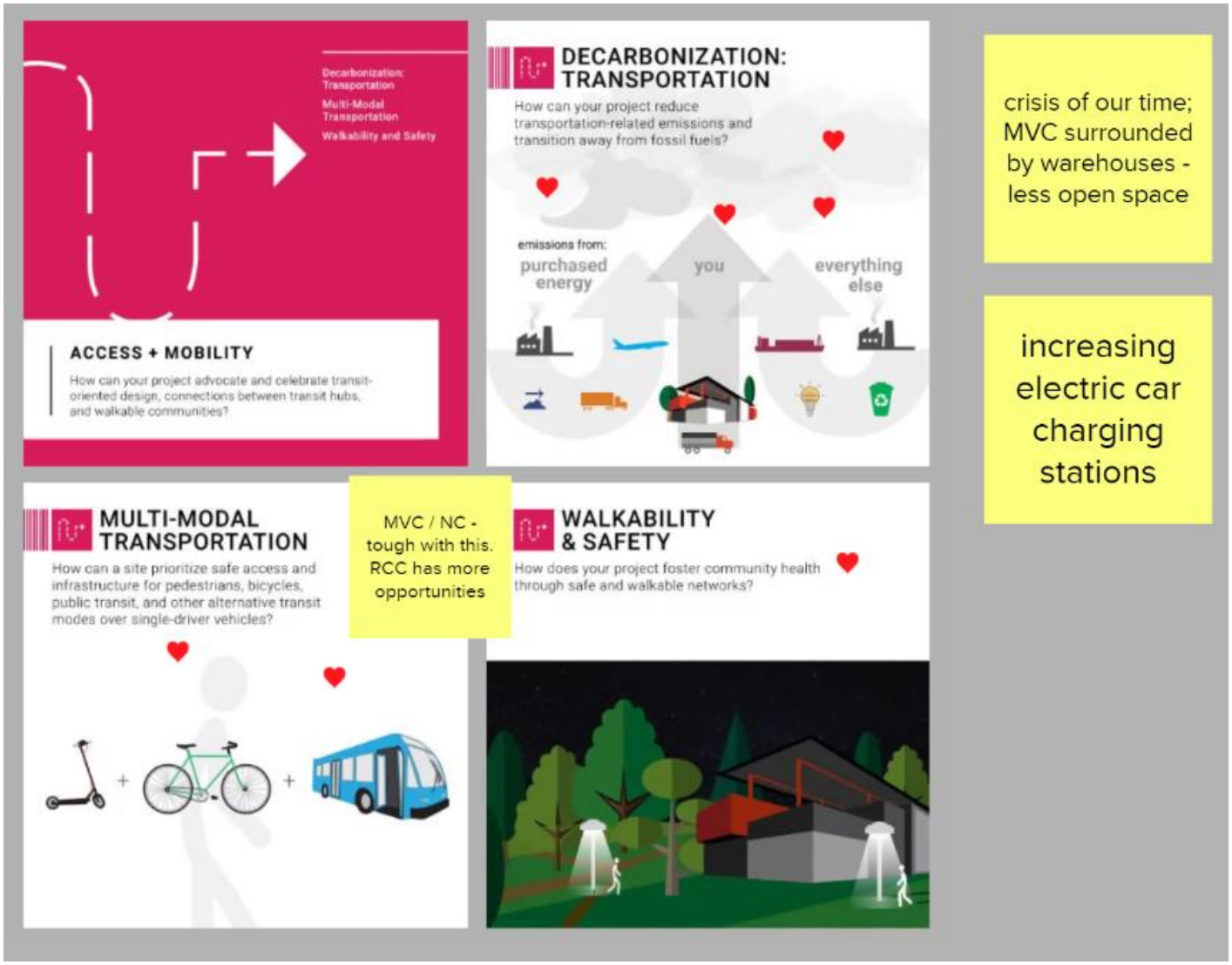
- STEP 2: Group 2 discussed their top VALUES: Group 2 has a robust conversation on many of the card topics, creating their own themes like Group 1.





Group 3

- STEP 1: Group 3 reviewed all 12 VALUES topics and stamped a heart of a card resonated with them and a question mark if they wanted more information.


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?
DECARBONIZATION: TRANSPORTATION
How can your project reduce transportation-related emissions and transition away from fossil fuels?
emissions from:
purchased energy
you
everything else
crisis of our time; MVC surrounded by warehouses - less open space
increasing electric car charging stations
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?
MVC / NC - tough with this. RCC has more opportunities
WALKABILITY & SAFETY
How does your project foster community health through safe and walkable networks?

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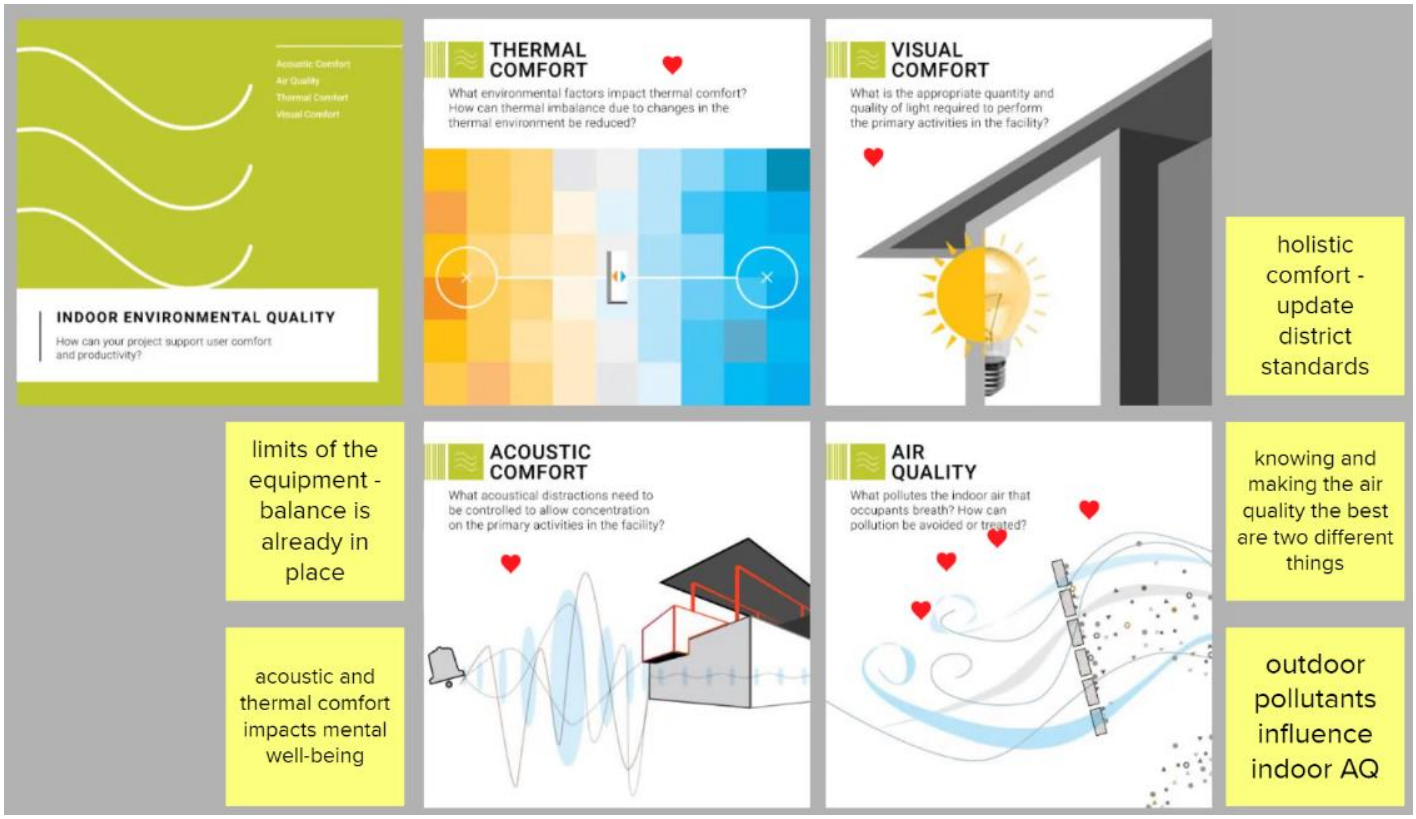
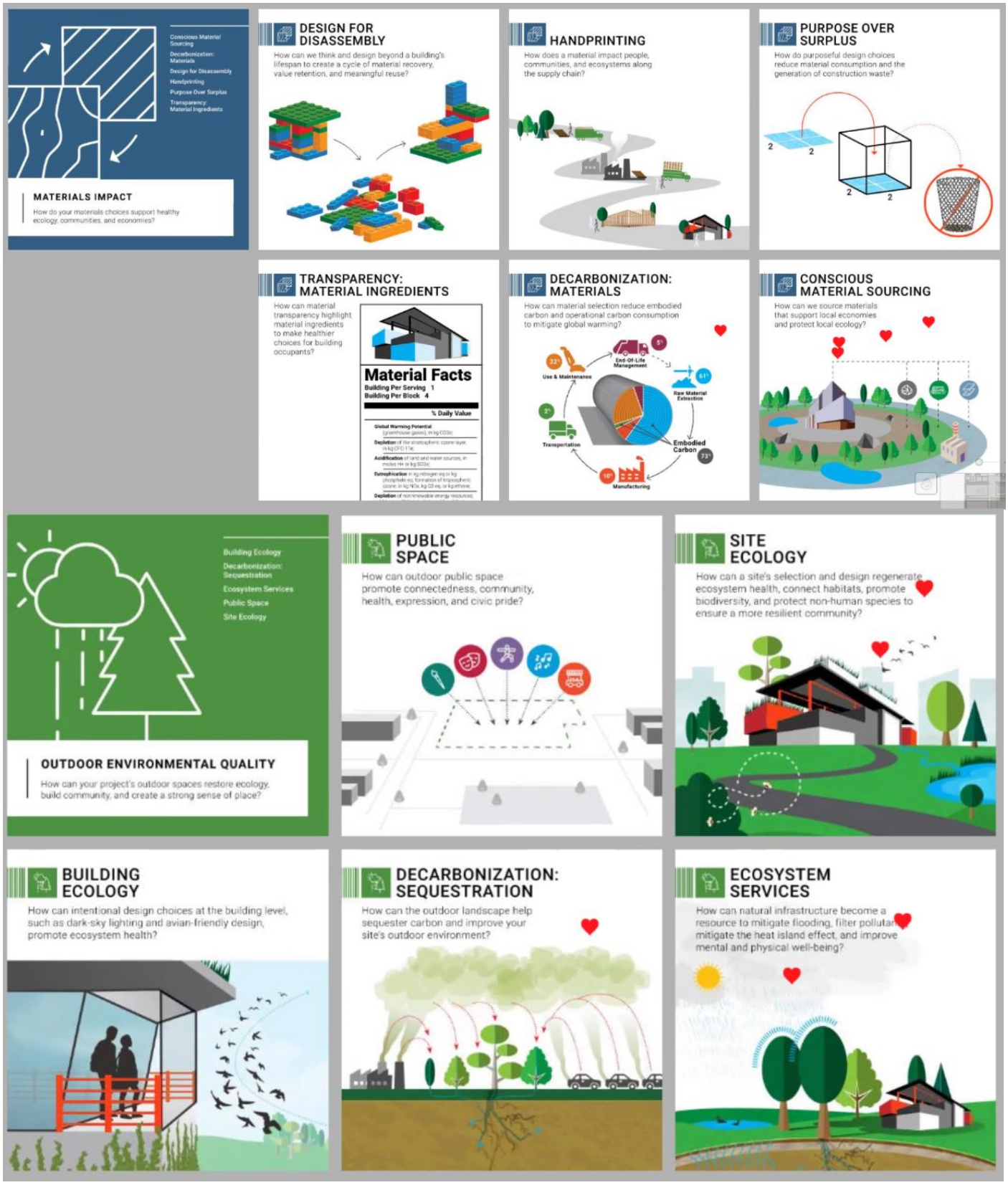
ENERGY
How can changes in energy infrastructure support your broader mission, reduce costs, and build a healthier planet?
BUILDING SYSTEMS SELECTION
What is your appetite for investing in and maintaining innovative building systems (such as new HVAC, lighting, or material solutions)?
BLEEDING EDGE
LEADING EDGE
TRIED & TRUE
ENERGY NEED REDUCTION
How can you make intentional design choices to reduce the energy needs of your project and optimize performance?
100%
75%
50%
40%
30%
10%
0%
net zero approach
high tech needs to be balanced against TCO - balance risk
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?
resonates as battery storage - could be maintenance heavy
balance energy efficiency vs comfort
decentralized approach makes us resilient
resonates with generation - efficient and clean
Storage Charging
Peak Demand Reduction
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
valley traps all the emissions at MVC
communities all the help they need
ECONOMIC DEVELOPMENT PROGRAMMING
What programs and initiatives within your 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?
opportunities to improve healthy food - community partnership
balancing cost of healthy food - can the district support this transition - by broadening of the menu
BIOPHILIA
How can your project incorporate patterns and influences from nature into the design of the built enviornment? What natural experiences 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 advance broad project goals?


Acoustic Comfort
Air Quality
Thermal Comfort
Visual Comfort
INDOOR ENVIRONMENTAL QUALITY
How can your project support user comfort and productivity?
THERMAL COMFORT
What environmental factors impact thermal comfort? How can thermal imbalance due to changes in the thermal environment be reduced?
VISUAL COMFORT
What is the appropriate quantity and quality of light required to perform the primary activities in the facility?
holistic comfort - update district standards
limits of the equipment - balance is already in place
ACOUSTIC COMFORT
What acoustical distractions need to be controlled to allow concentration on the primary activities in the facility?
AIR QUALITY
What pollutes the indoor air that occupants breath? How can pollution be avoided or treated?
knowing and making the air quality the best are two different things
acoustic and thermal comfort impacts mental well-being
outdoor pollutants influence indoor AQ


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?
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
DECARBONIZATION: MATERIALS
How can material selection reduce embodied carbon and operational carbon consumption to mitigate global warming?
End-Of-Life Management
Use & Maintenance
Raw Material Extraction
Transportation
Embodied Carbon
Manufacturing
CONSCIOUS MATERIAL SOURCING
How can we source materials that support local economies and protect local ecology?
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?
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?

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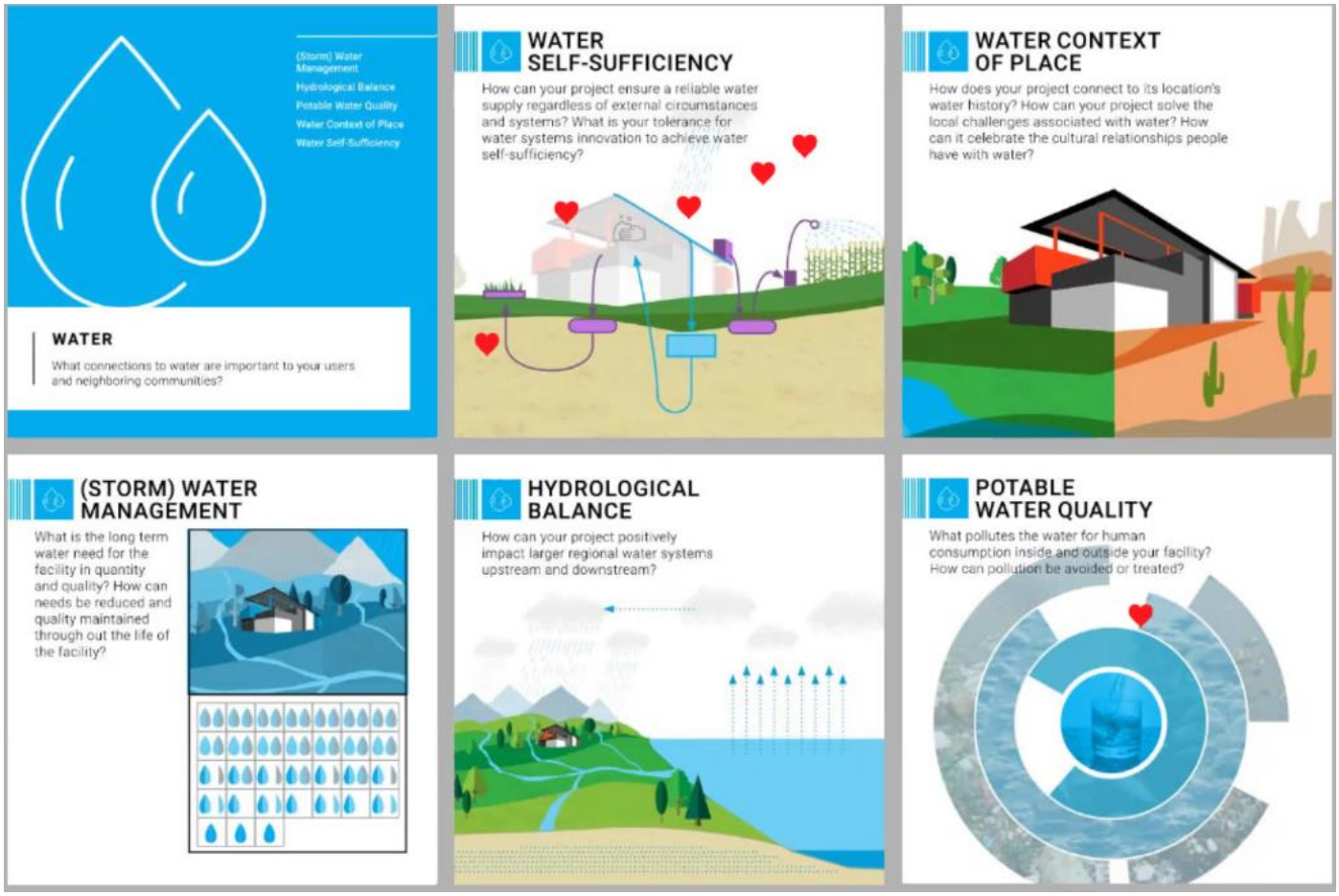
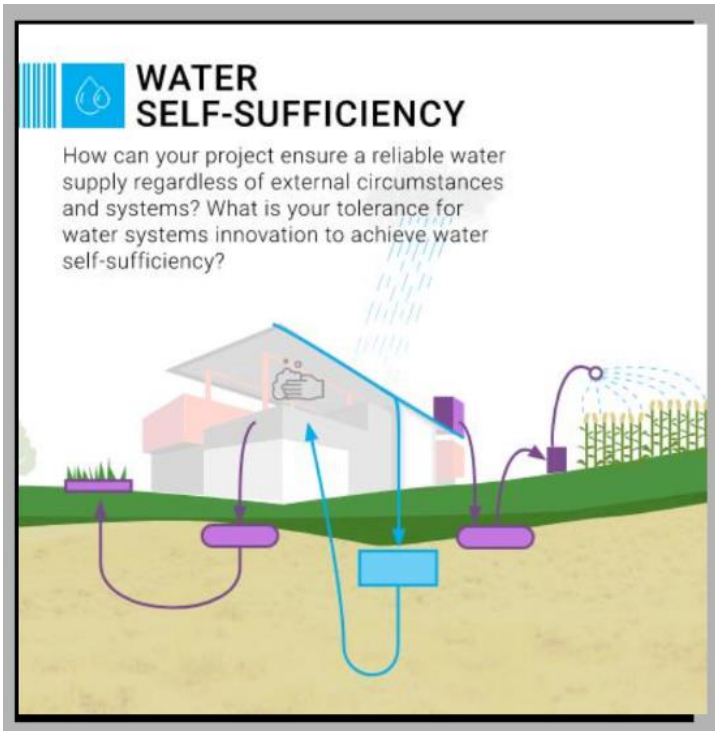
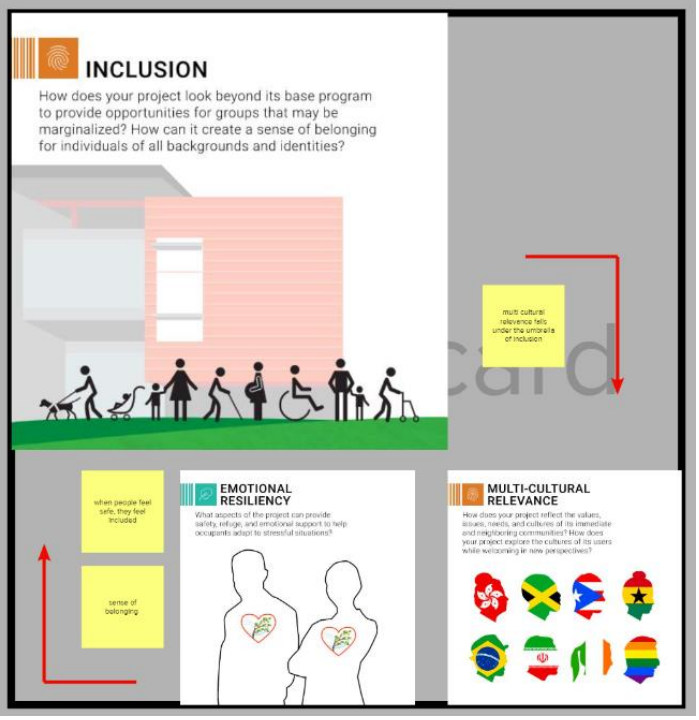


- STEP 2: Group 3 identified the top VALUES based on the discussion. Like Groups 1 and 2 they combined a few cards to create unique themes. See below.


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?

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

DECARBONIZATION: TRANSPORTATION
How can your project reduce transportation-related emissions and transition away from fossil fuels?
emissions from:
purchased energy
you
everything else
DECARBONIZATION: ENERGY
Where is your project sourcing its energy from? How can your project replace fossil fuels with low to no-carbon energy sources?


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?
multi cultural relevance falls under the umbrella of inclusion
when people feel safe, they feel included
sense of belonging
EMOTIONAL RESILIENCY
What aspects of the project can provide safety, refuge, and emotional support to help occupants adapt to stressful situations?
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?

Session Conclusion:

- DLR Group identified a few commonalities among the groups such as:
    - Decarbonization
    - Focus on Community
    - Focus on Health
    - Operations
    - Indoor Environments
    - Water
- DLR Group will share out more about all the other VALUES sessions the next time we meet. We will uncover what is rising to the time so we can start to discuss goal-setting around your VALUES .

DLR Group

RCCD - DISTRICT SUSTAINABILITY COMMITTEE

VALUES - 09/17/2021

5 MINS

LET'S TEST YOUR STAMPS!

FIRST, LET'S START WITH THE HEARTS ♥	NOW SWITCH TO THE QUESTION MARK ?

WELCOME

WHAT WE'RE DOING TODAY

1. Introduction of VALUES
2. Prioritize VALUES - Activity
3. Share Out
4. Next Steps

Open

COMMENTS

5 MINS

2021 SUSTAINABILITY AND CLIMATE ACTION PLAN

Your Team

Integrated Planning Approach

Connections

Project Schedule

Defining Sustainability

User Experience + Performance

Comprehensive Sustainability Language

LINDSEY - GROUP 1

VALUES

25 MINS

STEP ONE: USE YOUR GUT! - 1 MINUTE EACH!

As we talk through each card, stamp any card with an ♥ that you believe is important enough to the campus to warrant additional discussion.

As we talk through each card, stamp any card with an ? if you would to learn more about this topic either during discusison or future sessions.

COMMENTS

25 MINS

STEP TWO: DISCUSS *Using the cards that resonated with the group in this step we will spend time prioritizing. Now imagine you were investing budget in 6 goals that would connect Sustainability to User Experience.* ***Which VALUE would have the most impact for your investment?***

SHARE OUT 5 MINS

TOP 6 CARDS

ECOLOGICAL INTEGRATION - incorporating active spaces (trails) & land use to support local ecology

Decarbonization

understand relationship between water use, infrastructure, and ecology

ACCESSIBLE community awareness & education

STARS - component of curriculum

SHONA - GROUP 2

VALUES

25 MINS

STEP ONE: USE YOUR GUT! - 1 MINUTE EACH!

As we talk through each card, stamp any card with an ♥ that you believe is important enough to the campus to warrant additional discussion.

As we talk through each card, stamp any card with an ? if you would to learn more about this topic either during discusison or future sessions.

COMMENTS

25 MINS

STEP TWO: DISCUSS *Using the cards that resonated with the group in this step we will spend time prioritizing. Now imagine you were investing budget in 6 goals that would connect Sustainability to User Experience.* ***Which VALUE would have the most impact for your investment?***

SHARE OUT 5 MINS

TOP 6 CARDS

Support existing efforts!

PREM - GROUP 3

VALUES

25 MINS

STEP ONE: USE YOUR GUT! - 1 MINUTE EACH!

As we talk through each card, stamp any card with an ♥ that you believe is important enough to the campus to warrant additional discussion.

As we talk through each card, stamp any card with an ? if you would to learn more about this topic either during discusison or future sessions.

Attendees

-Hussain Agah
-Fabian Biancardi
-Steve Marshall
-Debra Mustain
-Myra Nava

COMMENTS

25 MINS

STEP TWO: DISCUSS *Using the cards that resonated with the group in this step we will spend time prioritizing. Now imagine you were investing budget in 6 goals that would connect Sustainability to User Experience.* ***Which VALUE would have the most impact for your investment?***

SHARING OUT 5 MINS

TOP 6 CARDS

Force of EXAMPLE!!

GROUP 4

VALUES

25 MINS

STEP ONE: USE YOUR GUT! - 1 MINUTE EACH!

As we talk through each card, stamp any card with an ♥ that you believe is important enough to the campus to warrant additional discussion.

As we talk through each card, stamp any card with an ? if you would to learn more about this topic either during discusison or future sessions.

25 MINS

STEP TWO: DISCUSS *Using the cards that resonated with the group in this step we will spend time prioritizing. Now imagine you were investing budget in 6 goals that would connect Sustainability to User Experience.* ***Which VALUE would have the most impact for your investment?***

SHARING OUT 5 MINS

TOP 6 CARDS

VALUE card

VALUE card

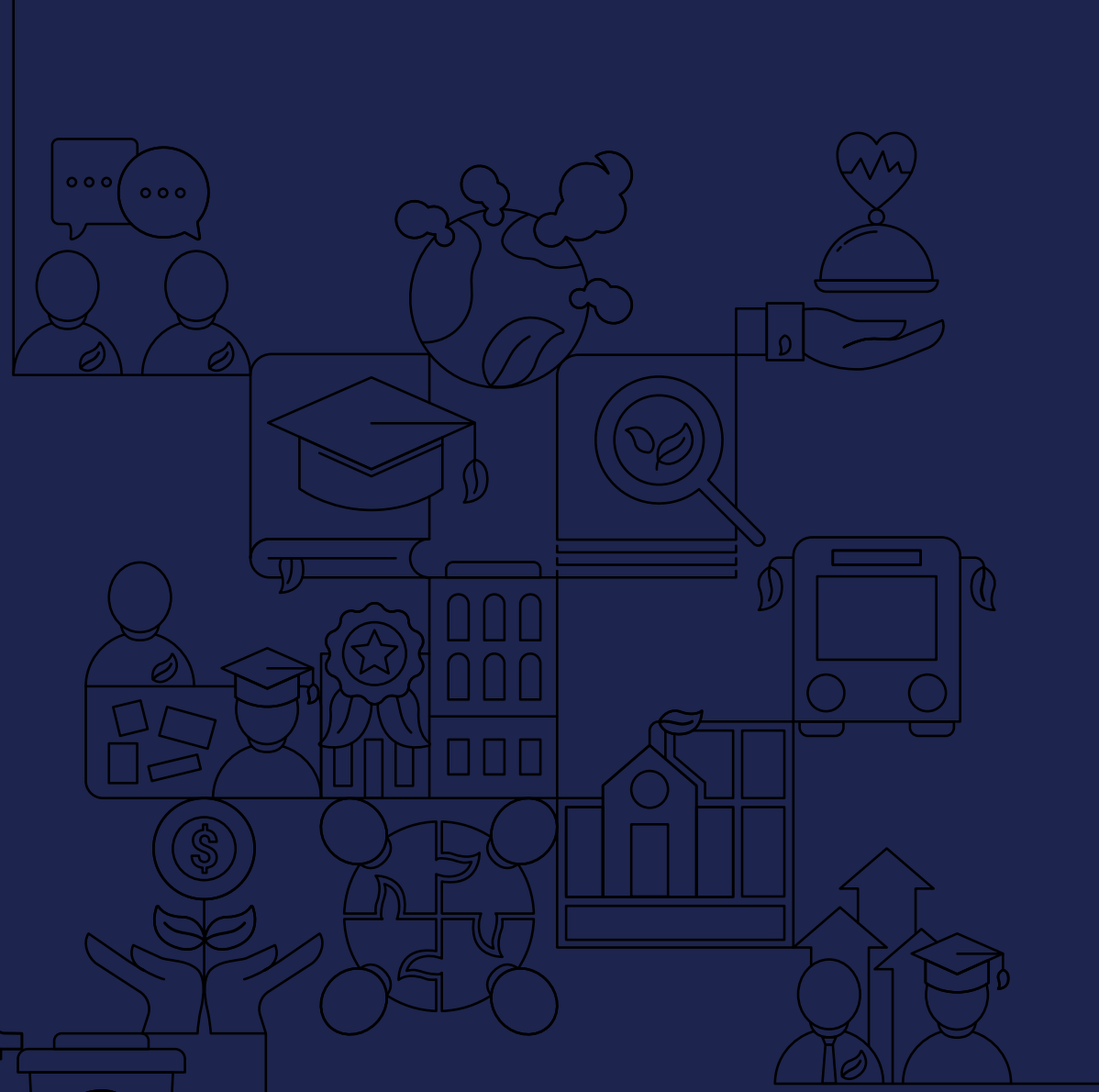
VALUE card

VALUE card

VALUE card

VALUE card

2021 SUSTAINABILITY AND CLIMATE ACTION PLAN



RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

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

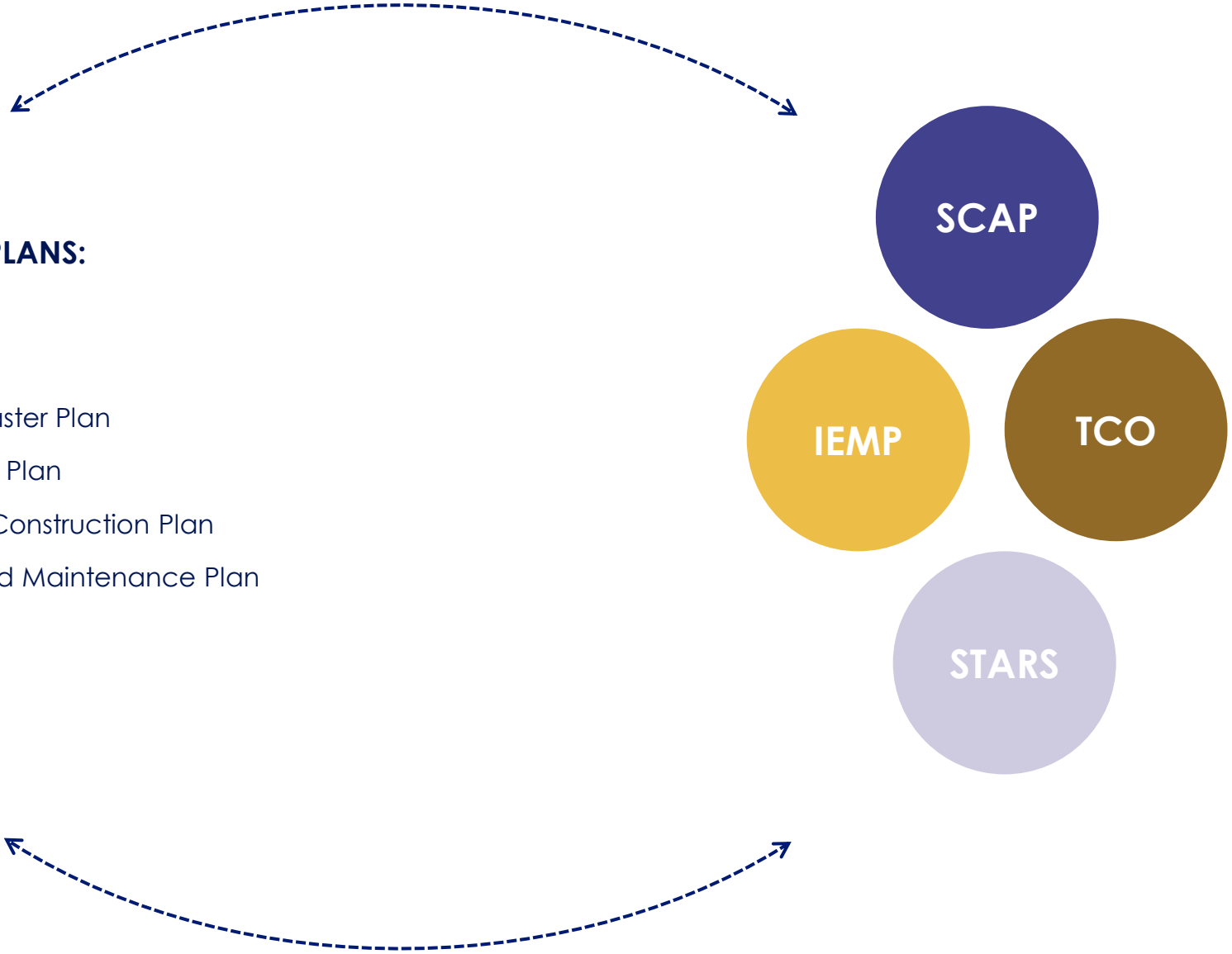
Linsey Graff
Engagement/STARS Leader

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		Comprehe-sive 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

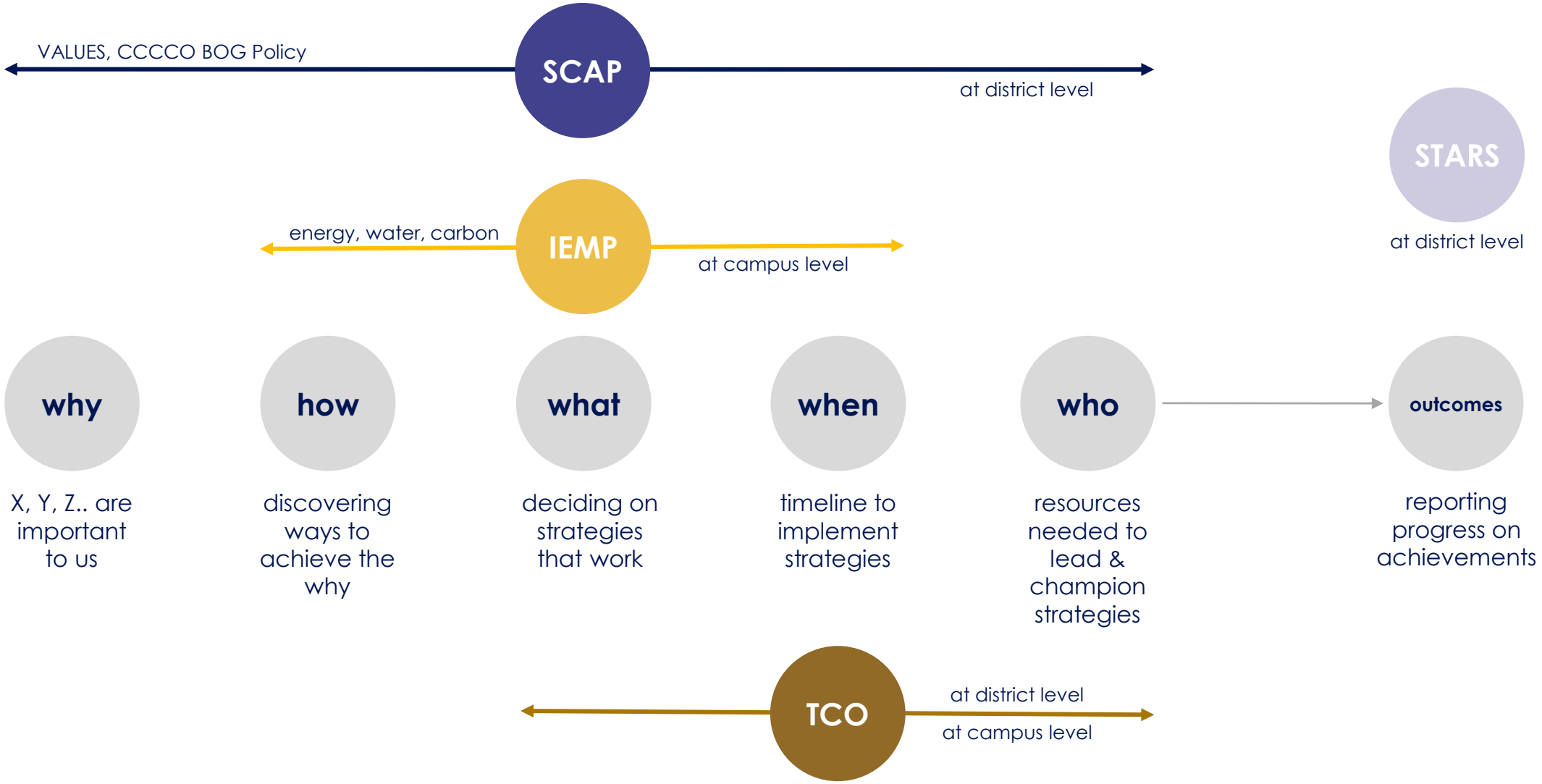
Norco College

- **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

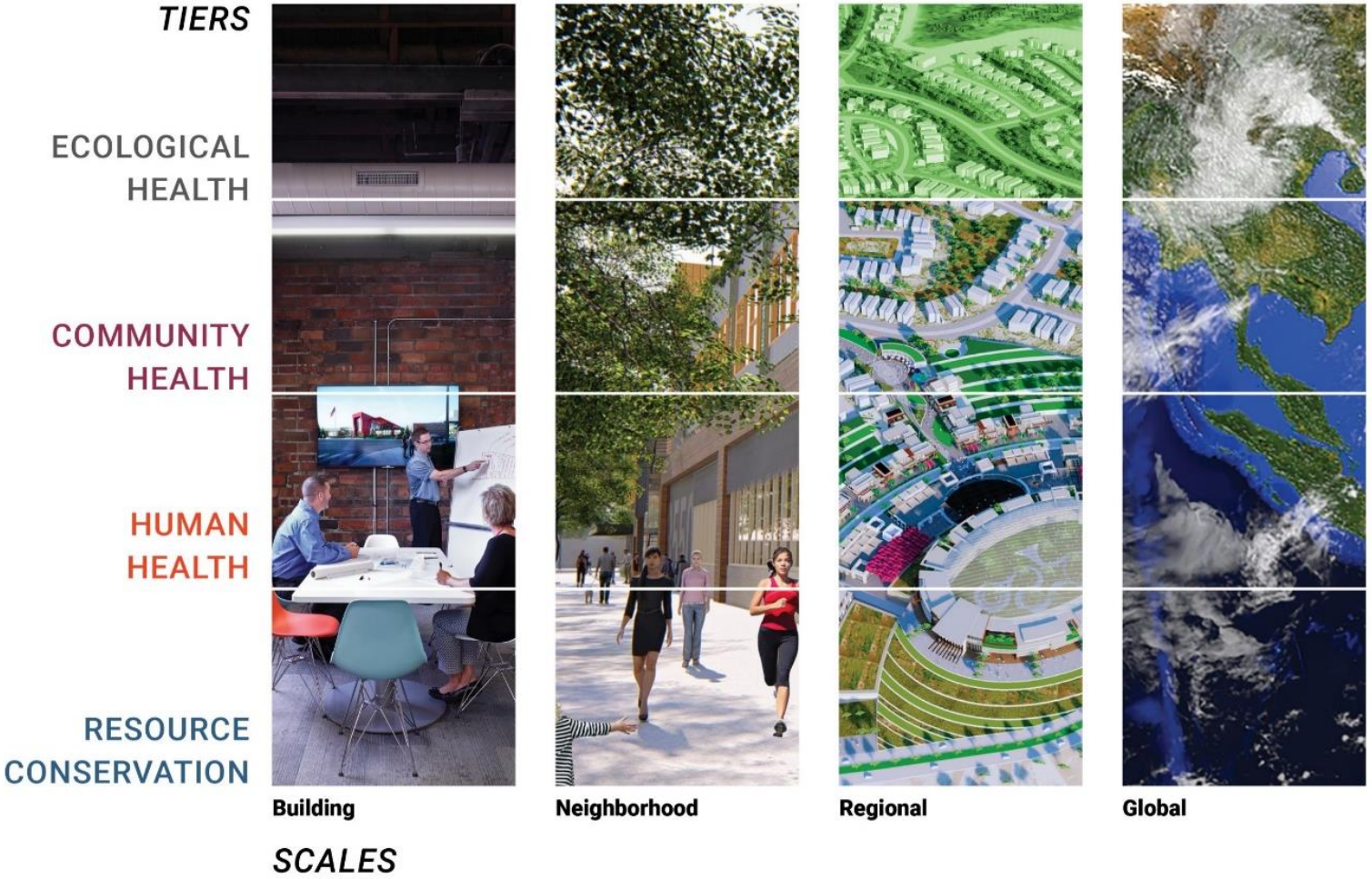
Planning & Sustainability

Our choices have an impact at all scales.

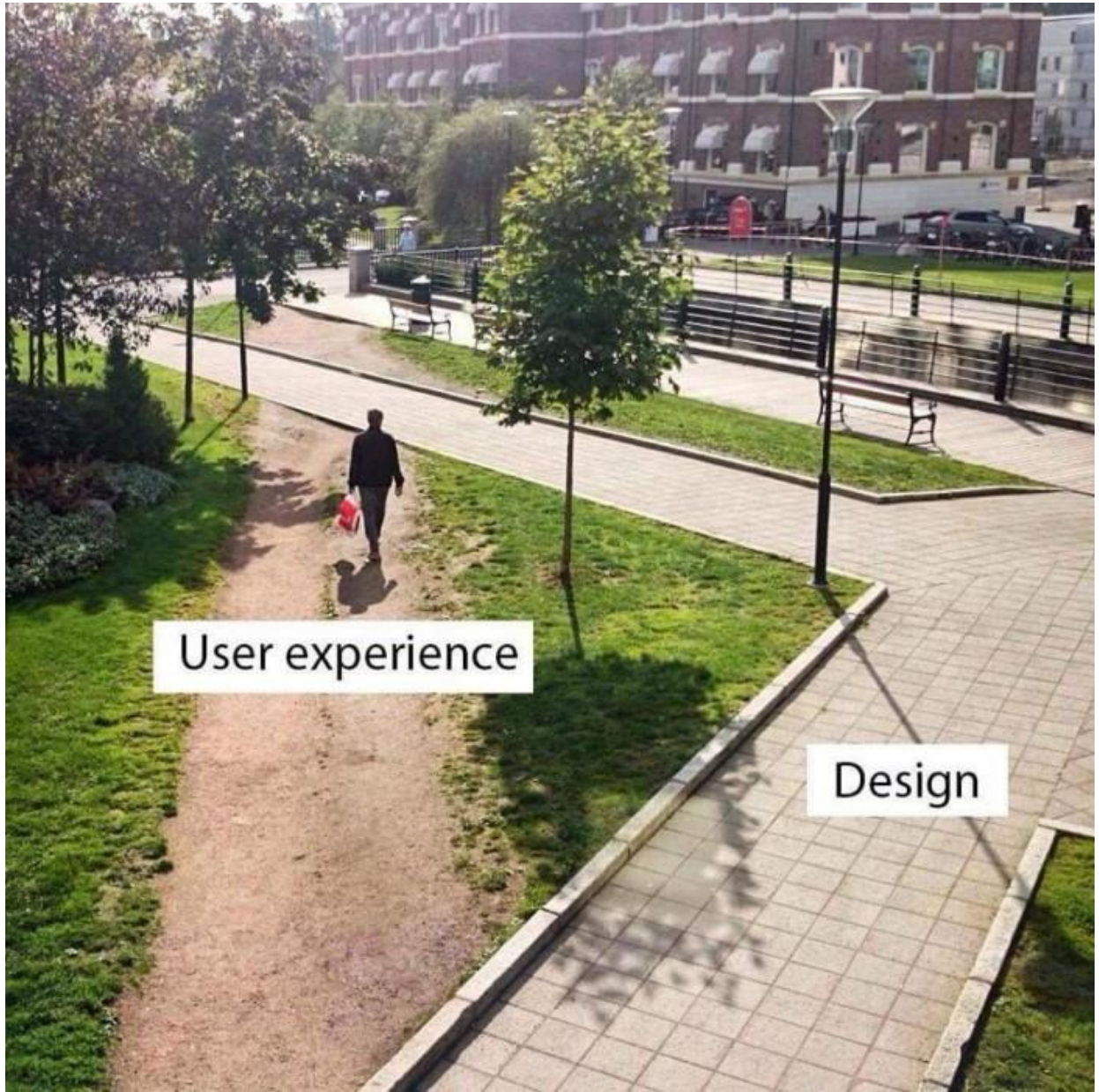
Our choices impact all categories

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

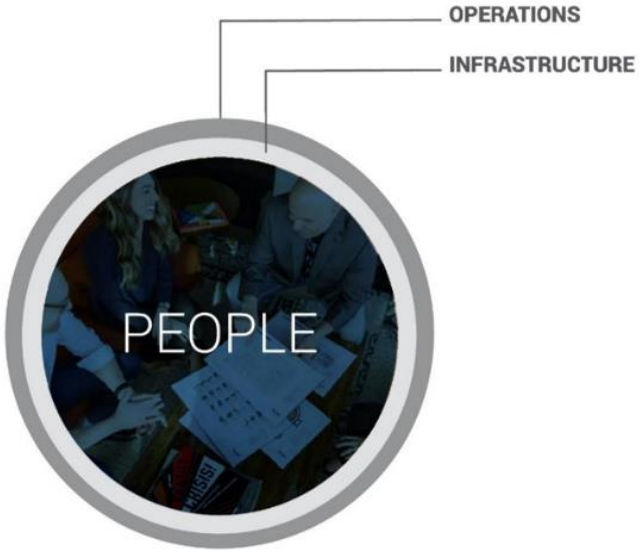
Ecology looks at the interaction between everything.

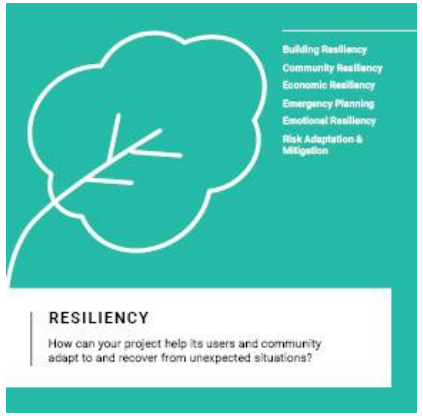
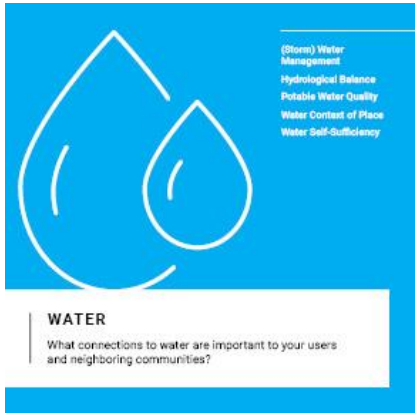


User Experience + Performance



Design Solution



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

Comprehensive Sustainability Language