



Carbon Neutrality Initiative

Pathways to a Fossil Free UC – Task Force

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Pathways to a Fossil Free UC – Task Force

Appointed by
President Drake

Under auspices of
President Drake's Global
Climate Leadership
Council (GCLC)

Co-chairs:

Mark Fischer, UCB COO
Robert Horwitz, UCSD
prof & past Academic
Council Chair

GCLC members represent:
EVCs, VCAs, VCPRs,
VCSAs, VCRs Health COOs,
Academic Senate, domain
experts, students, staff,
outside advisors

Task Force launched October 2022

Task Force Charge

Develop recommendations on the steps & timelines to eliminate use of fossil fuels in each location's energy systems, including change-management needs & budget implications, as well as opportunities to advance climate research, education & student experience.

Guide the scope, delivery, aggregation, & final packaging to the President & Chancellors of the state-funded decarbonization studies for each location (~ \$0.5-1.5M per campus).

Assure recommendations overcome key structural, technical, resilience, organizational, financial, operational, land use, cultural, & legal barriers, with climate justice & equity as central considerations.

Frame the transitional role of carbon offsets in relation to fossil-free goal setting & timeline.

This represents major organizational change, affecting the core mission of the university

Task Force Sprints

Provide guidance & technical support to campuses

1. State-funded decarbonization studies' scope & criteria (done)
2. Communications & engagement (done)
3. Equity & climate justice (next)
4. Campuses as living laboratories for climate solutions
5. Energy reliability & resilience
6. Hospitals/ health systems
7. Funding & legislative support

State-funded decarbonization study

Plan
Each campus develop a Project Management Plan (PMP)

Approval PMP reviewed & endorsed by EVC, VCA, Senate PoC	→	PMP reviewed & endorsed by Fossil-Free UC TF co-chairs	→	PMP reviewed & endorsed by GCLC co-chairs
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Approval: April
Funds: June

Report Progress tracking based on PMP	→	Campus provide summary close-out report upon completion of study
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Scoping guidance for state-funded decarbonization studies

	Common deliverables
1	Strategy for 90% or greater reduction in scope 1 emissions from fossil gas use in campus energy systems
2	Provide high-level estimates of total capital & operational costs/savings
3	Identify just transition & other equity considerations
4	Document gaps/studies/analyses needed for Net-Zero planning
5	Identify opportunities/gaps/analyses/engagement activities for research & education & broader climate-action & resiliency planning

Project management plans

Describe plans to produce required five deliverables

Provide governance structure

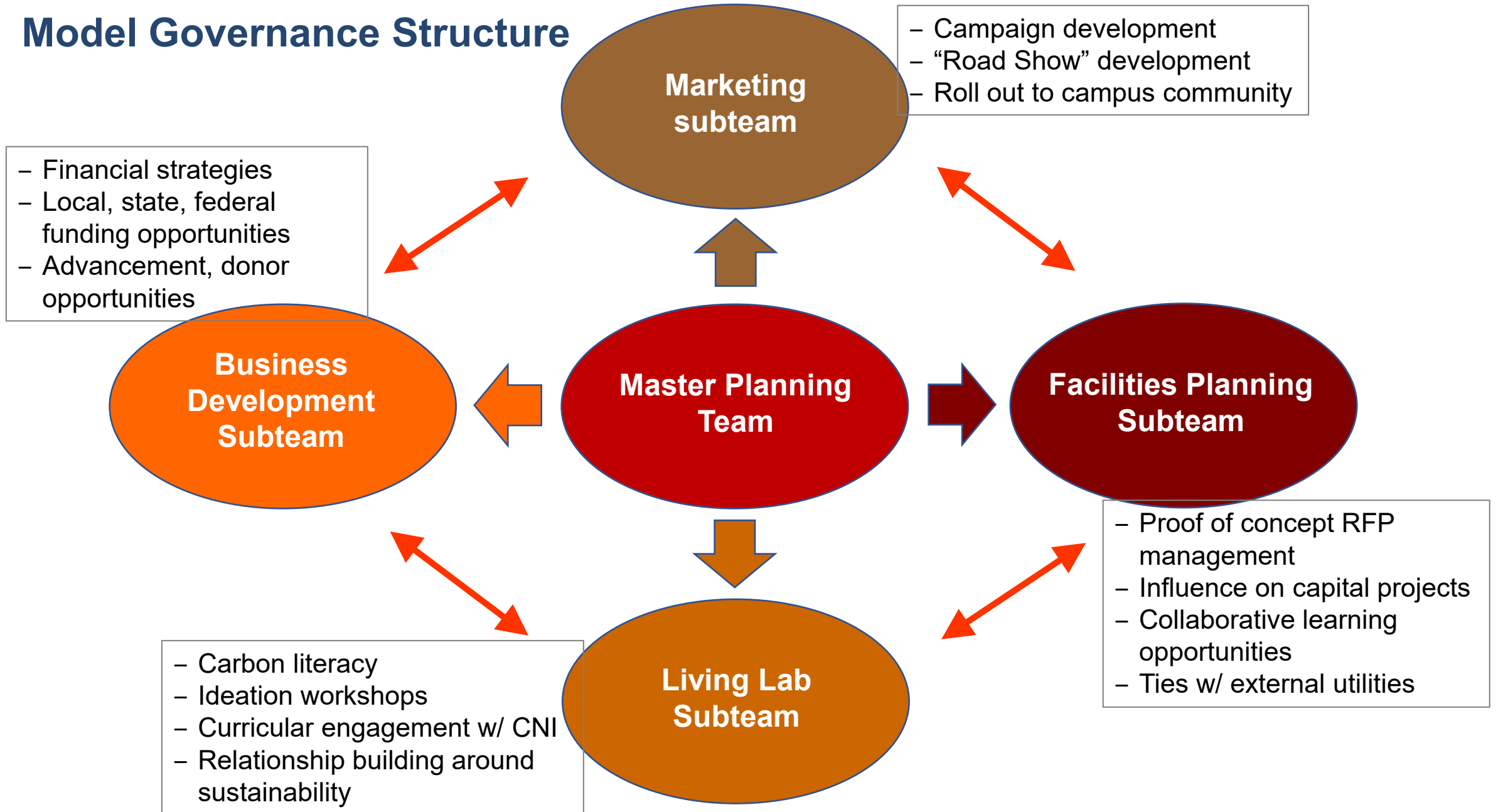
- Faculty & student involvement
- Engagement & marketing
- Living-laboratory research & education components

Provide spending plan

Campuses expected to spend ~ 10% on deliverables #3-5

Unless campus can produce these deliverables through existing programs or other funding

Model Governance Structure



Communications & engagement sprint

Purpose: Develop a communications framework that engages all segments of the internal UC community to embrace the decarbonization goal & participate in the work involved.

Products:

- Communications framework
- Slide deck presentation

What:

- Build awareness & engagement for the university's decarbonization goal among all segments of the UC community & provide meaningful avenues for input & participation.
- Engage the campus community in aligning decarbonization with our core mission through integration with teaching, research, service & health-care activities.
- Empower & support climate champions within the UC community who can lead in this alignment.

Communications & engagement sprint

Why:

- To accelerate decarbonization across UC locations by making it a shared priority across UC stakeholder groups.
- To provide meaningful ways for all members of the UC community to get involved in decarbonization efforts.
- To demonstrate to external audiences UC's commitment to ending its reliance on fossil fuels & serving as a model that other public entities can follow.
- To support the creation of a more-sustainable institution that aligns with 21st-century needs & realities of students, faculty & staff.

Communications & engagement sprint

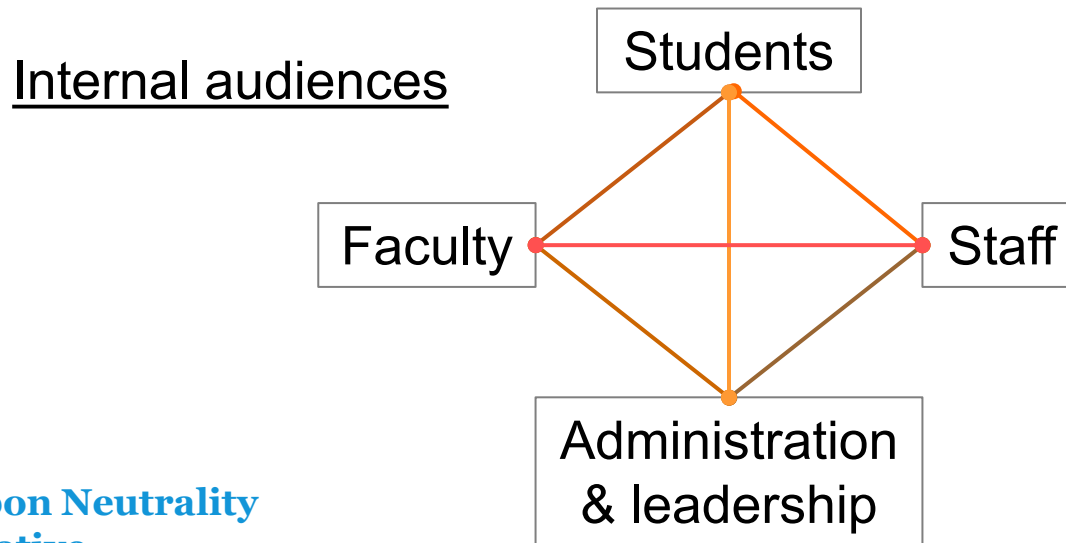
Topline messages:

- Climate change is an urgent threat caused primarily by burning fossil fuels. Meeting this challenge requires creative, inclusive & decisive action. We need everyone to help UC meet this challenge.
- Decarbonizing UC's campuses aligns with UC's core mission of teaching, research & public service. It also reflects our values of inclusivity & social justice.
- Forward-looking investments will save money & avoid financial exposure to climate-associated damage. We should be guided by science when balancing budget tradeoffs & recognize the costs associated with inaction.
- Decarbonizing is challenging but possible: the solutions we need exist today. UC has helped develop many of these solutions.
- We can use our experience to help others meet the challenge. If UC can't overcome barriers to decarbonizing, how can we expect others to do so?
- UC researchers have helped document & predict the severity of the climate crisis. Our UC system is committed to following the consensus of our own world-leading scientific experts to adapt to climate change that is already impacting our communities and mitigate to prevent future impacts.

Communications & engagement sprint

Tone & presentation:

- Clear, direct, open to questions & participation.
- Transparent, willing to engage on issues that are complex & nuanced.
- Commitment to learning, continuous improvement & collaboration across all disciplines & groups.
- Humble & audacious.



External audiences will be focus of subsequent sprints & follow-up activities

Discussion

More detail on following slides