

STATUS REPORT
FY 20-21

III. DOUBLE SUSTAINABILITY ORIENTED RESEARCH PROJECTS BY 2025





III. DOUBLE SUSTAINABILITY-ORIENTED RESEARCH PROJECTS BY 2025

Target Actions

- Develop Sustainability Research Catalog
- Expand Campus as a Living Laboratory

Sustainability Plan guiding principle



Choose our research conscientiously

AASHE STARS categories



BASELINE METRIC(S):

Number of faculty engaged in Sustainability Research **2,462**
 - Percentage of Faculty engaged in Sustainability Research: **17.6%**
 (2018 STARS DATA)

Q2 ACTIVITY:

The group looked briefly at a prior effort to create a catalog/directory of researchers whose work touches on sustainability and got general support to use that as a basis for additional work.

CSF establish University-wide executive network to further goals of equity-focused campus as a living lab work.

Q1 CHALLENGES ADDRESSED:

Turn over of original faculty who were on the planning team who provided context and an academic voice. The workgroup remains focused but will need to recruit new faculty participation.

Action Owner:	Claudia Frere-Anderson and Marilyn Ostergren, UW Sustainability
Target Team:	Name(s): Kyle McDermott (CSF), Christoph Strouse (UWS), Derek Fulwiler, Ben Packard (EarthLab), Jennifer Davison (Urban@UW)

ACTION STATUS:



Action: Develop Sustainability Research Catalog	
Action: Expand Campus as a Living Laboratory	

MITIGATING RISKS:

With the established multi-disciplinary SAP Faculty Advisory Group, the work will be able to seek faculty interest in helping shape our FY22 actions.

Additionally, student input will be sought through the CSF Committee, ASUW, and GPSS on furthering a participatory, living lab framework.

NEXT QUARTER ACTION:

Ask Provost office to help distribute annual SAP survey to faculty. Meet with Faculty Advisory Group on February 25th to discuss and further work on the sustainability definition for Target II.



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Sustainability Plan guiding principle



AASHE STARS categories



STEPS STATUS:

Action 1: Develop Sustainability Research Catalog 	Step 1: Highlight existing platforms, tools, and funding resources 	Step 2: Coordinate faculty to identify opportunities and barriers 	Step 3: build on existing UW systems and processes to coordinate centralized reporting 
Action 2: Expand Campus as a Living Laboratory 	Step 1: Identify and promote opportunities to reduce the operations environmental footprint. 	Step 2: Promote existing tools, to promote culturally responsible forms of research and engagement 	Step 3: Seek opportunities for meaningful forms of engagement and research 

Note: Copy and Paste the appropriate 'status icon' into the upper right



hand corner of each **step** above to complete the Steps Status.



ACTION:

Develop Sustainability Research Catalog



Steps we will take in FY 2021

1. Highlight existing platforms, tools, and funding resources that support interdisciplinary research projects across UW.
2. Coordinate faculty focus groups to identify opportunities and barriers for increasing sustainability-related research.
3. Using the shared sustainability framework as a reference, build on existing UW systems and processes to coordinate centralized reporting that collects information across campuses and assess the degree to which sustainability (following a holistic and shared definition) is incorporated in existing research projects and funding initiatives.

Statuses and linkages

This is intricately tied to Target II. These could be overseen by the positions suggested for the *UW-Wide Sustainability Definition Task Force* and coordination with existing efforts at Population Health, EarthLab, Urban@UW, ChangE, and UW Tacoma and UW Bothell centers.

Financing

No additional financing needed in FY 2021.

Metrics

The first year will develop a process for gathering input assessment of how we are engaging across our campuses. Quantitative and qualitative data will assess the following:

- Representation of faculty from Seattle, Bothell, Tacoma campuses.
- Representation of diversity, co-curricular groups and RSOs.
- Assessments of the outputs and progress the diverse groups were able to realize.

This action enables additional actions that may affect STARS credit AC-9 *Research & Scholarship* where UW shows a point gap of 3.97.

3.97 AAHSE STARS
POINTS OPPORTUNITY

Develop Sustainability Research Catalog

STATUS



NO
PROGRESS



ON TIME



SOME
PROGRESS

STEP 1:

Highlight existing platforms, tools, and funding resources that support interdisciplinary research projects across UW.

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

Identified existing resources:

- Interdisciplinary Research page:
<https://www.washington.edu/research/collaboration/interdisciplinary-resources/>
- Fostering Research Collaboration page:
<https://www.washington.edu/research/collaboration/>

CHALLENGES ENCOUNTERED OCT-DEC 2020:

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PLAN FOR JANUARY - MARCH 2021:

- Discuss how to highlight these resources

Develop Sustainability Research Catalog

STATUS



NO
PROGRESS



ON TIME



SOME
PROGRESS

STEP 2:

Coordinate faculty focus groups to identify opportunities and barriers for increasing sustainability-related research.

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

- No additional work on this action occurred Oct-Dec 2020

CHALLENGES ENCOUNTERED OCT-DEC 2020:

- Have focused efforts on defining sustainability

PLAN FOR JANUARY - MARCH 2021:

- Discuss this with the people at the Office of Research who created and maintain these two pages:
- Interdisciplinary Research page:
<https://www.washington.edu/research/collaboration/interdisciplinary-resources/>
- Fostering Research Collaboration page:
<https://www.washington.edu/research/collaboration/>

Develop Sustainability Research Catalog

STATUS



NO
PROGRESS



ON TIME



SOME
PROGRESS

STEP 3:

Using the shared sustainability framework as a reference, build on existing UW systems and processes to coordinate centralized reporting that collects information across campuses and assess the degree to which sustainability (following a holistic and shared definition) is incorporated in existing research projects and funding initiatives

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

- No additional work on this action occurred Oct-Dec 2020

CHALLENGES ENCOUNTERED OCT-DEC 2020:

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PLAN FOR JANUARY - MARCH 2021:

- Explore how this is done for other areas of research.

METRICS & LINKAGES:

This is intricately tied to Target II. These could be overseen by the positions suggested for the UW-Wide Sustainability Definition Task Force and coordination with existing efforts at Population Health, EarthLab, Urban@UW, ChangE, and UW Tacoma and UW Bothell centers.

METRICS:

- No additional work on this action occurred Oct-Dec 2020
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LINKAGES:

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ACTION:

Expand Campus as a Living Laboratory



Steps we will take in FY 2021

1. Identify and promote opportunities in which UW researchers and students can create and participate in projects that engage UW Facilities and central administration units to transform the campuses and reduce the operations environmental footprint.
2. Promote existing tools, trainings, and internal funding to promote culturally responsible forms of research and engagement and appropriate interactions with non-UW members.
3. Seek opportunities for meaningful forms of engagement and research with local, regional, and global communities to address environmental challenges.

Statuses and linkages

This is intricately tied to Target II. These could be overseen by the positions suggested for the *UW-Wide Sustainability Definition Task Force* and coordination with existing efforts at Population Health, EarthLab, Urban@UW, ChangE, and UW Tacoma and UW Bothell centers.

Financing

Additional financing needed in FY 2021.

Possible sources:

- Use revolving funds from any savings in operations linked to the decarbonization program.
- Create a special endowment or fund coming from donations.
- Identify and strengthen existing sources of funding for research (EarthLab's Innovation Grants, Population Health Initiative pilot research grants, Campus Sustainability Fund).
- Work with UW Advancement for identifying donor funding.

Metrics

The first year will develop a process for gathering input from across our campuses and piloting collaboration projects between academic research and campus operations. Quantitative and qualitative data will assess the following:

- Representation of faculty and staff from Seattle, Bothell, Tacoma campuses.
- Representation of diverse co-curricular groups and RSOs from Seattle, Bothell, Tacoma campuses.
- Qualitative impact of pilot project(s) with campus operations for faculty research.

UW has already earned the maximum points available in the relevant STARS credits AC-8 *Campus as a Living Laboratory* and EN-10 *Community Partnerships*. This Action can gain points in STARS credits AC-9 *Research & Scholarship* where UW shows a point gap of 3.97 and EN-13 *Community Service* where UW shows a point gap of 3.77.

3.77 AAHSE STARS
POINTS OPPORTUNITY

3.97 AAHSE STARS
POINTS OPPORTUNITY



GOING BEYOND
AAHSE STARS



NO
PROGRESS

ON TIME

SOME
PROGRESS

Expand Campus as a Living Laboratory

STEP 1:

Identify and promote opportunities in which UW researchers and students can create and participate in projects that engage UW Facilities and central administration units to transform the campuses and reduce the operations environmental footprint.

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

- The CSF continues to provide opportunities for student project engagement with UW facilities and Central Admin. In Q2, the CSF established an executive advisory network to create a robust 2 way dialogue with UW leadership (including facilities leadership) to ensure seamless interfacing for students engaging in UW living lab projects

CHALLENGES ENCOUNTERED OCT-DEC 2020:

- With students off campus, we are seeing less interaction with students on built environment projects.

PLAN FOR JANUARY - MARCH 2021:

- Explore models at other universities.
- Explore direct pathways for student interaction in Built Environment projects while off campus

Expand Campus as a Living Laboratory

STATUS



NO
PROGRESS



ON TIME



SOME
PROGRESS

STEP 2:

Promote existing tools, trainings, and internal funding to promote culturally responsible forms of research and engagement and appropriate interactions with non-UW members.

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

CHALLENGES ENCOUNTERED OCT-DEC 2020:

- No additional work on this action occurred Oct-Dec 2020



PLAN FOR JANUARY - MARCH 2021:

- Begin to identify these tools, trainings and funding sources.

STATUS



NO
PROGRESS



ON TIME



SOME
PROGRESS

Expand Campus as a Living Laboratory

STEP 3:

Seek opportunities for meaningful forms of engagement and research with local, regional, and global communities to address environmental challenges.

ACTIONS THAT OCCURRED/ONGOING OCT-DEC 2020:

- The CSF continues to provide opportunities for students, faculty, and staff to engage in projects that have local, regional, and global impact.

CHALLENGES ENCOUNTERED OCT-DEC 2020:

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PLAN FOR JANUARY - MARCH 2021:

- Discuss how to do this with the working group.

METRICS & LINKAGES:

This is intricately tied to Target II. These could be overseen by the positions suggested for the UW-Wide Sustainability Definition ACTION: Expand Campus as a Living Laboratory Task Force and coordination with existing efforts at Population Health, EarthLab, Urban@UW, ChangeE, and UW Tacoma and UW Bothell centers.

METRICS:

- UW sustainability related, applied projects that span campus departments
- Co-curricular opportunities created for students for hands-on, living lab learning

LINKAGES:

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