**Key Priorities for iCAP Topical Teams, AY 2022-2023**

\**STARS Report* refers to the “Report on Improving UIUC STARS Score” by Tyler Swanson and is available on the iCAP Portal: <https://icap.sustainability.illinois.edu/files/projectupdate/7614/Report%20on%20Improving%20UIUC%20STARS%20Score.pdf>

**Education**

*Priority areas:*

* Analysis of Earth Charter and United Nations’ Sustainable Development Goals to identify themes/keywords to implement a broader definition of sustainability ***(STARS Report\*, pages 4-6)***
  + UC Berkeley used keywords listed in **Table 1** of <https://sustainability.utoronto.ca/wp-content/uploads/Brugmann-et-al-Expanding-student-engagment-inventories-paper-Susy-2019-Copy.pdf>
* Survey to collect information on sustainability content of courses beyond what may be found on course title and description ***(STARS Report, pages 4-6)***
* Development of a sustainability research inventory
* Creation of a team or committee to collect and report sustainability course and research data
* Incentive for students to complete a sustainability learning assessment (introductory trainings such as ACE IT, MyIllini)
* Graduate certificate in sustainability
* Support for sustainability gen-ed

*In progress iCAP Portal projects:*

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| [Environmental Leadership Program (ELP)](https://icap.sustainability.illinois.edu/project/environmental-leadership-program-elp) |
| [Friday Forums](https://icap.sustainability.illinois.edu/project/friday-forums) |
| [NRES 285: iCAP Sustainability Ambassadors](https://icap.sustainability.illinois.edu/project/nres-285-icap-sustainability-ambassadors) |

**Engagement**

*Priority areas:*

* Residential sustainability programs (***STARS Report,* *pages 15-17***)
  + Housing could hire a Sustainability Advocate intern to develop, attend, and facilitate sustainability programming
    - Humboldt State Resident Sustainability Advisor program, Boston Univ Resident Sustainability Leaders program
  + RA training in sustainability, developing guides for RAs to education advisees about sustainable practices
    - Auburn University’s Knock and Talk Resources: <http://sustain.auburn.edu/sustainability-guides/ra/>
* Student committee to educate other students on composting and recycling practices at events (***STARS Report, page 15)***
* Increase employee educator programs (***STARS Report, page 22)***
  + Use of Canvas to disperse sustainability training information (including Certified Greener Campus Program)
* Sustainability-related and wellness professional development training program (***STARS Report, page 26***)
* DIA to join Green Sports Alliance
* Increased engagement in Greener Campus opportunities
* Introduction of a formal program to promote employee volunteerism (***STARS Report, page 28***)
  + <https://reports.aashe.org/institutions/university-of-illinois-urbana-champaign-il/report/2022-02-25/EN/public-engagement/EN-13/>
* Increase number of students engaging in community service (formal tracking system) (***STARS Report, page 29***)
  + Promote use of GivePulse
* University-wide employee survey to assess employee satisfaction (***STARS Report, pages 77-78***)

*In progress iCAP Portal projects:*

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| [Green Sports Alliance](https://icap.sustainability.illinois.edu/project/green-sports-alliance) |
| [Illinois Biodiesel Initiative (IBI)](https://icap.sustainability.illinois.edu/project/illinois-biodiesel-initiative-ibi) |
| [Sculptures](https://icap.sustainability.illinois.edu/project/sculptures) |
| [Sustainability Art Displays](https://icap.sustainability.illinois.edu/project/sustainability-art-displays) |
| [Toted](https://icap.sustainability.illinois.edu/project/toted) |
| [Utility Boxes: Art and Sustainability](https://icap.sustainability.illinois.edu/project/utility-boxes-art-and-sustainability) |

**Energy**

*Priority areas:*

* Feasibility of LEED Operations and Management certifications (***STARS Report, pages 37-41***)
* Reduction in EUI floor area per degree day of 22.09 to 6.5 Btu; 19% reduction in total space energy consumption per unit of floor area (***STARS Report, page 43***)
* Reduction in total energy consumption and increase renewable energy generation and procurement (***STARS Report, pages 44-46***)
* Revolving Loan Fund promotion
* Green Labs (***STARS Report, pages 22-23***)
* Revolving Loan Fund and SSC projects
* Clean Energy Plan

*In progress iCAP Portal projects:*

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| [ECE Net-Zero Energy Building](https://icap.sustainability.illinois.edu/project/ece-net-zero-energy-building) |
| [Energy Farm LED](https://icap.sustainability.illinois.edu/project/energy-farm-led) |
| [Fume Hood Shut the Sash Campaign](https://icap.sustainability.illinois.edu/project/fume-hood-shut-sash-campaign) |
| [InSPIRE SPOT](https://icap.sustainability.illinois.edu/project/inspire-spot) |

**Zero Waste**

*Priority areas:*

* Reduce plastic and food waste
  + Plastic bag ban
  + Water filling stations – next steps based on results of inventory
* Reducing waste at athletic events
  + Ohio State University has made excellent progress in this area:
    - <https://ohiostatebuckeyes.com/zero-waste-at-ohio-stadium/>
    - <https://fod.osu.edu/news/2021/10/28/zero-waste-stadium>
  + Work with Engagement Team to develop a Tailgate recycling program
* Food recovery program
  + See Colorado State University’s program: <https://ramfoodrecovery.colostate.edu/>
* Sustainable policy for vendor contracts (***STARS Report, page 54***)
* Work with Engagement to develop a pilot program to reduce waste at a residence halls (e.g., recycling, food waste)
* Increase purchases of sustainably or ethically produced food ***(STARS Report, pages 47-49***
* Increase waste diversion
  + Recycling – identify where bins are needed (e.g., campus recreation fields)
  + Campus-wide composting
  + Report construction and demolition waste (***STARS Report, page 68***)
* Sustainable purchasing guides for: furniture and furnishings, garments and linens, professional service providers, and transportation and fuels (***STARS Report, pages 54-56***)
* Establishment of a sustainable electronics purchasing policy (***STARS Report, pages 58-59***)
* Green Cleaning Program
* Creation of an Environmental Purchasing Policy (EPP)

*In progress iCAP Portal projects:*

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| [Bevier Café’s - Aquaponics System Demonstration Unit](https://icap.sustainability.illinois.edu/project/bevier-caf%C3%A9%E2%80%99s-aquaponics-system-demonstration-unit) |
| [Indoor Bin Update](https://icap.sustainability.illinois.edu/project/indoor-bin-update) |
| [Measure Waste Levels in Dumpsters](https://icap.sustainability.illinois.edu/project/measure-waste-levels-dumpsters) |
| [Plastic Bag Recycling](https://icap.sustainability.illinois.edu/project/plastic-bag-recycling) |
| [Project 4 less](https://icap.sustainability.illinois.edu/project/project-4-less) |
| [Reusable Containers](https://icap.sustainability.illinois.edu/project/reusable-containers) |
| [Zero Waste Woodshop](https://icap.sustainability.illinois.edu/project/zero-waste-woodshop) |

**Land & Water**

*Priority areas:*

* Increased acreage of organic land management and increased acreage of Integrated Pest Management (***STARS Report, pages 51-53)***
* Monitor soil health (***STARS Report, page 52***)
* Support for Sustainable Land Management
* Support for Campus Landscape Master Plan
* Manure management and environmental compliance

*In progress iCAP Portal projects:*

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| [Benefits of a Large-Scale Prairie Experiment](https://icap.sustainability.illinois.edu/project/benefits-large-scale-prairie-experiment) |
| [Cover Crops on South Farms](https://icap.sustainability.illinois.edu/project/cover-crops-south-farms) |
| [Green Roof on Foreign Language Building](https://icap.sustainability.illinois.edu/project/green-roof-foreign-language-building) |
| [LAR Native Plants](https://icap.sustainability.illinois.edu/project/lar-native-plants) |
| [Let It Flow](https://icap.sustainability.illinois.edu/project/let-it-flow) |
| [Uni High Butterfly Garden](https://icap.sustainability.illinois.edu/project/uni-high-butterfly-garden) |

**Transportation**

*Priority areas:*

Bike shelters

* Bicycle storage (winter/seasonal)
* Educating people about rules of the road and how to ride bicycles safely
* Increase use of clean fuel and power technologies
* Sustainable fleet (replacement) plans (***STARS Report, pages 60-61)***
* Policy requiring purchase of electric/clean vehicles (***STARS Report, page 61***)
* Development of commuter program (***STARS Report, pages 62-63***)

*In progress iCAP Portal projects:*

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| [Electric Vehicles at Allerton](https://icap.sustainability.illinois.edu/project/electric-vehicles-allerton) |
| [Fleet Replacement Plans](https://icap.sustainability.illinois.edu/project/fleet-replacement-plans) |
| [Low-cost Inspection and Sustainable Repair of Campus Pavements](https://icap.sustainability.illinois.edu/project/low-cost-inspection-and-sustainable-repair-campus-pavements) |
| [UI Ride](https://icap.sustainability.illinois.edu/project/ui-ride) |

**Resilience**

*Priority areas:*

* Evaluate how to increase our collaboration and connection with towns
  + Prioritize actions based on needs identified by towns
* Illinois’ commitment to sustainability in University Strategic Plan (***STARS Report, page 70***)
* Support EJ plan

*In progress iCAP Portal projects:*

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| [Air Quality Monitoring Station](https://icap.sustainability.illinois.edu/project/air-quality-monitoring-station) |
| [C-PACE: Commercial Property Assessed Clean Energy in Champaign County](https://icap.sustainability.illinois.edu/project/c-pace%C2%A0commercial-property-assessed-clean-energy-champaign-county) |
| [Geothermal Urbana-Champaign](https://icap.sustainability.illinois.edu/project/geothermal-urbana-champaign) |
| [Solar Urbana-Champaign](https://icap.sustainability.illinois.edu/project/solar-urbana-champaign) |
| [Urban Biodiversity Master Plan](https://icap.sustainability.illinois.edu/project/urban-biodiversity-master-plan) |