**Review of iCAP 2020 Objectives**

**Team Name: Transportation**

**Date: May 1, 2024**

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| **Objective 3.1: Establish written replacement plans for at least 80% of campus fleets by FY24 to improve university-owned vehicle fuel efficiency**  |
| **Current status:** |
| * In progress, ongoing
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * No, progress is behind the timeline stated in the iCAP 2020
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Decentralized fleet management across campus. Different units/departments have their own fleet of vehicles that are not managed by F&S. Need to assign “Fleet Administrators” who are in regular contact with F&S
* List of existing fleet size and owners across campus was not available. The Transportation iCAP Team analyzed the data to identify campus units that have fleets
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * Approved recommendation to move forward with the “Fleet Administrator” for campus departments with 5+ vehicles (a fleet)
* Excel of departments and their respective number of vehicles
* Summary document of which departments have a fleet and need a “Fleet Administrator”
* [iCAP Portal to Objective 3.1](https://icap.sustainability.illinois.edu/objectives/31-fleet-replacement-plans)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * Excel and summary document were last updated January, 2024
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * Contact individual units that have an active fleet to assign a “Fleet Administrator”
* Regular communication among various “Fleet Administrators” and the F&S Fleet Operations Team
 |
| **Will your team include this objective in the iCAP 2025?** |
| * We will include an updated version of this objective in the iCAP 2025.
 |
| **Please explain your rationale:**  |
| * This is an important objective. We need to reconsider the number fleets that we can target in the iCAP 2025 as well as a different target date
* We know which departments have a fleet, but none of them have a written replacement plan that will improve university-owned vehicle fuel efficiency
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * Contact and assign “Fleet Administrators” for 50% of the fleet by FY26, 80% by FY28, and 100% by FY30. Written replacement plan 2 years after fleet administrator is assigned
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| **Objective 3.2: Increase the Pavement Condition Index (PCI) for university owned roads so the average PCI score is at least 65 by FY25 and at least 70 by FY30**  |
| **Current status:** |
| * In progress, ongoing
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * Yes, the timeline is in progress
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Budgeting going forward may be the challenge to meet the standards timeline as set in iCAP 2020 of a PCI of 70 by 2030
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * PCI data
* <https://icap.sustainability.illinois.edu/metric/pavement-condition-index-pci-university-owned-pavement>
* [iCAP Portal to Objective 3.2](https://icap.sustainability.illinois.edu/objectives/32-increase-pavement-condition-index)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * FY 2020 PCI at 65
* Update warranted as the PCI can be affected by wear over time
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * Get a more current PCI rating
* Identify challenges for the budgeting/implementation
 |
| **Will your team include this objective in the iCAP 2025?** |
| * Yes, we will keep the same objective in the iCAP 2025.
* Road conditions will deteriorate- keep at this metric- expand audience
* Increase the Pavement Condition Index (PCI) for university owned roads so the average PCI score is at least 65 by FY25 and at least 70 by FY35
* Requires lots of capital investment
* PCI calculations done by 3rd party to survey streets
 |
| **Please explain your rationale:**  |
| * Target for 2030 has not yet been met and PCI data is not current
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| **Objective 3.3: Establish an Electric Vehicle Task Force to identify key goals for supporting the use of electric vehicles on and off campus by FY22** |
| **Current status:** |
| * Complete
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| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * Yes, the timeline was met
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * The Electric Vehicle Task Force (EVTF) has been established for some time now and has commissioned a campus EV usage study. The results of this study are currently undergoing active review by the iCAP Transportation Committee.
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * [**iCAP Portal to Objective 3.3**](https://icap.sustainability.illinois.edu/objectives/33-electric-vehicle-task-force)
* Although the task force has already been established, review of the Desman EV Proposal can be actively tracked in the iCAP Transportation working group meeting minutes.
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * Project updates, meeting recordings, and meeting minutes for the Transportation iCAP Team can all be accessed in the [iCAP Portal](https://icap.sustainability.illinois.edu/project-updates/1854) under the Transportation theme. As May 2024, the last update occurred on April 11th, 2024.
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
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| **Will your team include this objective in the iCAP 2025?** |
| * We will include an updated version of this objective in the iCAP 2025 that focuses on implementing and installing EV chargers
 |
| **Please explain your rationale:**  |
| * Although the EV Task Force has been established, its meetings are infrequent
* Using the transportation iCAP team report to motivate the EV Task Force and remind them of their goals and responsibilities as part of the Task Force
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * As growth allows, install 10-15 more chargers by FY30 and 30 more chargers by FY 35
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| **Objective 3.4: Reduce driving on campus and report the percentage of staff trips made using single-occupancy vehicles from 60% to 50% by FY25 and 45% by FY30** |
| **Current status:** |
| * In progress, ongoing
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * No, progress is behind the timeline stated in the iCAP 2020
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Car centric design and mindset
* No incentive to switch from SOV to carpool or an active mode of transportation
* Distance between place of residence and place of work is too high
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * 55% of Staff Driving Alone (<https://icap.sustainability.illinois.edu/metric/44-percent-staff-driving-alone>)
* [iCAP Portal to Objective 3.4](https://icap.sustainability.illinois.edu/objectives/34-reduce-driving-campus)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * FY22
* Next update will be in FY25
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * Incentives for reducing driving on campus
* Better conditions for biking and walking around campus
* Look at what other Universities are doing to reduce on-campus driving and staff single-occupancy vehicles
* Van pool? University partnership- Carpool service? Ride amigos (others)?
	+ Reduced rate for carpool, specific parking spots
 |
| **Will your team include this objective in the iCAP 2025?** |
| * We will include an updated version of this objective in the iCAP 2025
 |
| **Please explain your rationale:**  |
| * Need to reduce car dependency and transportation GHG emissions
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * Reduce driving on campus and report the percentage of staff trips made using single-occupancy vehicles from 55% to 45% by FY28 and 40% by FY32
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| **Objective 3.4.1: Develop a Commuter Program (Bus, Bike, and Hike) for faculty and staff. Register 100 people by FY24 and 500 people by FY30**  |
| **Current status:** |
| * Stalled/inactive
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * No, progress is behind the timeline stated in the iCAP 2020
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Need better incentives
* Those with parking permits are not inclined to relinquish their parking passes
* Campus bike infrastructure is good, but neighboring towns are not. Connectivity issues and lack of infrastructure in nearby towns discourages riders
* Is there a fee for bike registration, similar to a parking pass fee for lots- eliminate this fee to encourage other forms of transportation
	+ One time $10 fee- national bike registration, active anywhere
* Access to emergency ride home
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * [iCAP Portal to Objective 3.4.1](https://icap.sustainability.illinois.edu/objectives/341-develop-commuter-program)
* [Lunched trial, but nobody relinquished](https://icap.sustainability.illinois.edu/project/commuter-program-bus-bike-and-hike)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
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| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * **Better incentives**
* Education campaigns
* Work with neighboring towns to improve their bike/public transportation infrastructure
	+ Specifically in Urbana, just west of Lincoln Ave, west on Illinois – potholes in bike lane
	+ Organizational structure to address issues
* Look at what other Universities are doing to encourage non-car transportation
* MTD communication- increase route frequency? Long term
	+ Address the concerns that busses take too long
 |
| **Will your team include this objective in the iCAP 2025?** |
| * We will include an updated version of this objective in the iCAP 2025
 |
| **Please explain your rationale:**  |
| * Need to reduce car dependency and transportation GHG emissions
* Improve community well-being
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * Develop a Commuter Program (Bus, Bike, and Hike) for faculty and staff. Register 100 people by FY28 and 200 people by FY30
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| **Objective 3.4.2: Continue to implement the 2014 Campus Bike Plan**  |
| **Current status:** |
| * In progress, ongoing
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * No, progress is behind the timeline stated in the iCAP 2020.
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Cost!!!
* Coordinating with the University
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * Percentage completion of proposed bikeways
	+ <https://icap.sustainability.illinois.edu/project/2014-campus-bike-plan>
	+ (note this metric may be in conflict with the 2019 campus bike plan status report PDF—that report says 90% of existing bikeways reaching “campus standards” and a target date of 2030 is completed—I believe this is an apples and oranges comparison though, since iCAP 2020 and the 2014 Bike Plan call for proposed new bikeways.)
* [Progress Report – 2014 Campus Bicycle Plan](https://icap.sustainability.illinois.edu/files/projectupdate/5741/2019%20Report%20for%202014%20Campus%20Bicycle%20Plan%20final.pdf)
* [iCAP Portal to Objective 3.4.2](https://icap.sustainability.illinois.edu/objectives/342-implement-campus-bike-plan)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * As of FY 2022 49.09% of bikeways proposed in Campus Bike Plan **2014** are complete. 100% by 2025 was the target set a decade ago. (note: I’m not sure about the current level of completion and if there have been more recent projects on bikeways, perhaps other team members are more informed about this)
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * Writing 2024 Bike Plan, published in fall 2024
 |
| **Will your team include this objective in the iCAP 2025?** |
| * We will include an updated version of this objective in the iCAP 2025
 |
| **Please explain your rationale:**  |
| * Increase safety for all users
* Encourage a sustainable mode of transportation
* Improve the bicycling experience for all campus cyclists
* Identify funding needs and secure funding for bicycle infrastructure and programming improvements
* Improve the university’s standing as a national leader in bicycling
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * Implement the 2024 Campus Bike Plan (emphasis on e-bike charging)
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| **Objective 3.4.3: Establish telecommuting policies for the campus by FY24** |
| **Current status:** |
| * Complete
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * Yes, the timeline was met
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
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| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * [iCAP Portal to Objective 3.4.3](https://icap.sustainability.illinois.edu/objectives/343-telecommuting-policies)
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
|  |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
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| **Will your team include this objective in the iCAP 2025?** |
| * No, we will not include this objective in the iCAP 2025
 |
| **Please explain your rationale:**  |
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| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
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| **Objective 3.5: Reduce net air travel emissions from FY14 baseline by: 50% by FY24 and 100% by FY30** |
| **Current status:** |
| * In progress, ongoing
 |
| **If the iCAP 2020 lists a specific timeline for this objective, has that timeline been met?** |
| * No, progress is behind the timeline stated in the iCAP 2020
 |
| **Please list the major roadblocks/challenges your team has faced to move this objective forward:**  |
| * Unsure if this objective is met because the last updated percent reduction of net air travel emissions was conducted in FY 2020
 |
| **Please list any metrics you are tracking on the iCAP portal to measure progress toward this objective** (include links to the portal)**:** |
| * [iCAP Portal to Objective 3.5](https://icap.sustainability.illinois.edu/objectives/35-offset-air-travel-emissions)
* [Percent reduction from air travel baseline FY14](https://icap.sustainability.illinois.edu/objectives/35-offset-air-travel-emissions)
* [Offset Emissions from Plane Trips](https://icap.sustainability.illinois.edu/project/offset-emissions-plane-trips)
* [ACES Study Abroad Carbon Offset Program Meeting](https://icap.sustainability.illinois.edu/project-update/aces-study-abroad-carbon-offset-program-meeting)
	+ August 31, 2022
 |
| **If you listed metrics above, please give the last date each metric was updated, and indicate if another update is needed.** |
| * [Percent reduction from air travel baseline FY14-](https://icap.sustainability.illinois.edu/objectives/35-offset-air-travel-emissions) last updated FY20
* [Offset Emissions from Plane Trips-](https://icap.sustainability.illinois.edu/project/offset-emissions-plane-trips) last updated FY22
 |
| **What next steps are needed to advance this objective?** (skip if objective is complete) |
| * Update data to assess progress
 |
| **Will your team include this objective in the iCAP 2025?** |
| * Yes, we will keep the same objective in the iCAP 2025
 |
| **Please explain your rationale:**  |
| * Until we have updated data to support this objective, the team assumes that it has not been met
* In FY 2020, net air travel emissions were reduced by 27% (this is likely as a result of the Pandemic reducing air travel, not anything that the University did)
* Now that travel is back to ‘normal’ levels, the status of this objective should be assessed
 |
| **If this objective will be included in the iCAP 2025, please outline the milestones required to reach this objective:** |
| * Conduct a survey to determine how much net air travel emissions have been reduced – Fall 2024
* Analyze results from the survey- Spring 2024
* Reduce net air travel emissions from FY14 baseline by 50% by FY26 and 100% by FY30
 |