**iCAP Team End of Year Report (2023-2024)**

**iCAP Team Name: Transportation**

**Clerk Name: Olivia Messerges**

1. **Summary of Team Progress**

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| **Project/ Rec/ Topic** | **Work Done by Team** | **Related Challenges** | **Relevant Files in Box**  | **Latest Portal Update** |
| Review of DESMAN Report | * Discussed limitations and concerns of the DESMAN Report
* Wrote a new report that addressed these limitations and proposed solutions to the shortcomings
	+ Solutions surround EV demand, technology, placement, finances, and policies
* Shared the new report with the EV Task Force
 | * Data surrounding EV demand was not available at the time of the report- survey to assess demand will be sent out to permit holders early summer
* Used the ratio of permits issued to lot spaces to recommend where EV chargers should be placed
	+ Does not consider metered spots, department rentals, OAE/ADA spaces, wait lists
	+ Placing EV chargers in smaller lots decreases the amount of space for other cars- not feasible in lots that have so much demand and cannot afford to lose spaces
 | [EV Task Force folder](https://uofi.box.com/s/co1699wllpv6ifzsq4fhjoarlgst8g1v)[iCAP Assessment of the DESMAN Report](https://uofi.box.com/s/aosojx66te6wfq56dpo6sz7tmfl6apce) | [EV Task Force](https://icap.sustainability.illinois.edu/project/electric-vehicle-ev-task-force) |
| Sustainable Fleet Replacement Plan | * Organized vehicle data from all departments and determined which departments have a fleet (5 or more vehicles)
* Sent an email to PRI in attempt to assign a “Fleet Administrator”
 | * Contacting departments will be challenging
* Nobody likes new rules/regulations
* Delay in responses from departments
* Confusion over what the role of the “Fleet Administrator” is
 | [Identifying Departments with Fleets Folder](https://uofi.box.com/s/mv0op3rfpsg1k8oa1x7nz5x80g4586x4)[Summary of Departments with Fleets](https://uofi.box.com/s/7iwg8ggfld0xw2e1k16wn1uvnxqq1fmk) | [Vehicle Organization Meeting Notes](https://icap.sustainability.illinois.edu/project-update/vehicle-organization-and-department-outreach) |
| 2024 Campus Bike Plan | * Reviewed objectives and implementation locations, suggestions for other locations, signage, and bike shelter locations
* Emphasis on the importance of bike shelters and E-bike charging
	+ Outlets inside protected areas, removable batteries brought inside to designated area, infrastructure outside, require standardized battery
 | * Fire/safety concerns of E-bike/scooter charging
* Bike storage issues
* Many projects from the 2014 Bike Plan not completed
* Lack of funding for projects
 | [Campus Bike Plan Folder](https://uofi.box.com/s/9y0bptaj2gj5cvc1w8rbz4uvs3btmj8c) | [2024 Campus Bike Plan Meeting](https://icap.sustainability.illinois.edu/project-update/2024-campus-bike-plan-meeting-held-02272024) [CTAC spring 2024 meeting](https://icap.sustainability.illinois.edu/project-update/ctac-spring-2024-meeting-recording-and-slides) [Campus Bike Plan progress report FY24](https://icap.sustainability.illinois.edu/project-update/campus-bike-plan-progress-report-fy24)  |
| Review the 2020 iCAP Objectives | * Reviewed the 7 Transportation iCAP objectives
* Assessed their status, major roadblocks and challenges, metrics, and next steps
 |  | [Review of the 2020 iCAP Objectives](https://uofi.box.com/s/pgtweb57kvqksftft7s653d3j4xes8it)  | [April meeting minutes](https://icap.sustainability.illinois.edu/project-update/transportation-icap-team-meeting-4102024)May meeting minutes |
| Draft the 2025 iCAP Objectives | * Proposed revised versions of the 2020 iCAP objectives as well as new objectives (EV charging infrastructure and Micromobility Task Force)
* Explained rationale, analyzed expected challenges, outlined required milestones, and identified funding sources
 |  | [Draft the 2025 iCAP Objectives](https://uofi.box.com/s/0rhjt21sw1jw70vdtirjli1h91bo9fhk) | [April meeting minutes](https://icap.sustainability.illinois.edu/project-update/transportation-icap-team-meeting-4102024)May meeting minutes |

1. **Team Priorities for Next Year**

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| **Project/Topic** | **Action Needed** |
| Micromobility | * Write a recommendation to create a “Micromobility Task Force”
* This task force will not ban e-bikes/scooters/skateboards, but regulated charging and other aspects of their use
* Create educational campaign and street signs that encourage micromobility users to ride on bike paths/lanes
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| Commuter Program – ideas | * Develop ideas that will encourage people to relinquish parking pass and to join the Commuter Program
* Write a recommendation to gain their support of the Commuter Program, include a support for funding the Commuter Program
	+ Ask the University for funding for parking department, F&S, iSEE (whoever manages the Commuter Program) to provide and reward participants with an incentive
* Create ideas for what kinds of incentives will be best
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| EV Charging Stations | * Discuss results of Ria’s survey about future EV demand on campus
* Work with Parking Department to outline where EV chargers should be placed, what kinds of chargers, and a timeline for implementation
* Represent the Transportation iCAP team on the Electric Vehicle Task Force
* Ongoing discussion item
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| PCI | * Write a recommendation that the University fund at least one reconstruction/complete street project every year
* Incorporate sustainable materials in pavement improvement projects
* Collaborate with civil engineering professors for sustainable pavement improvement projects (asphalt and concrete)
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| Bike Plan | * Ongoing discussion of safer bikeways, necessary bike infrastructure improvements, and bike storage
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| Sustainable Fleet Replacement Plan | * Nudge Sarthak and Shawn to complete the ‘fleet admin assignments’
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