**Resources for Chapter 7. Transportation**

## 2010 iCAP transportation strategies:

* Enhance biodiesel options for UI fleet.
* Continue use of Alternate Service Vehicles for UI fleet.
* Reduce F&S idling.
* GHG emissions charge by 2015
* GHG fee on vehicular traffic by 2015
* Institute a system for purchasing voluntary local offsets for air travel, and make mandatory by 2016. need to add # of miles traveled in the data collection for air travel reimbursement.
* Finalize and implement Campus Bike Plan
* bike-sharing.

## FY13 summary of iCAP Progress:

The iCAP commitments for transportation include charging a greenhouse gas fee for all vehicles on campus, approving and implementing the Campus Bike Plan, starting bike sharing on campus, and creating a system for voluntary greenhouse gas offset purchases for business air travel. The greenhouse gas emission fee for vehicles is not possible, so we are encouraging fuel efficient and electric vehicles instead.

* Transportation Demand Management – This is an ongoing effort from F&S to reduce single-occupancy-vehicles on campus. Seek to narrow roads, reduce vehicle energy use at intersections, decrease parking availability and long-term shut down of certain campus streets.
* Enhance biodiesel options for UI fleet. Continue use of ASV’s for fleet. Increase hybrid fleet, and alternative service vehicles.
* Reduce F&S idling. Reduce idling in F&S vehicles by 10% each year for five years
* GHG emissions charge by 2015 Instead of a GHG charge, implement carrots for people who choose to get high mpg vehicles - preferential treatment by location or place on waiting list: make it happen by 7/1/11 - develop a policy
* Electric Vehicle Charging Stations – A request for funding has been submitted to the SSC to install a charging station in the North Campus Parking Deck.
* Zipcar – Each Zipcar vehicle removes about 15 single-occupancy-vehicles from the road. The Campus Area Transportation Study (CATS) partners have brought Zipcar to this area, and there are currently ten Zipcars. These are normal fuel-efficient cars, that are used by the hour for round-trips only. They are highly successful on campus, and F&S staff approve new UI affiliated memberships daily.
* Campus Bike Plan – Public comments are being incorporated, and this will be ready for F&S approval by the ED in December.
* Bike Sharing – There was a feasibility study completed which recommended a phased approach. The first phase is currently under development by the Campus Bicycle Coordinator in F&S.
* Air Emission Offsets – Institute a system for purchasing voluntary local offsets for air travel, and make mandatory by 2016. need to add # of miles traveled in the data collection for air travel reimbursement.

## iCAP Portal transportation projects:

1. [Reduce Vehicle Miles Traveled on Campus](https://icap.sustainability.illinois.edu/project/reduce-vehicle-miles-traveled-campus)
   1. [Discourage Vehicles on Campus](https://icap.sustainability.illinois.edu/project/discourage-vehicles-campus)
      1. [Parking Master Plan](https://icap.sustainability.illinois.edu/project/parking-master-plan)
      2. [Traffic Calming](https://icap.sustainability.illinois.edu/project/traffic-calming)
   2. [Encourage Ride-Sharing](https://icap.sustainability.illinois.edu/project/encourage-ride-sharing)
   3. [Encourage Active Transportation](https://icap.sustainability.illinois.edu/project/encourage-active-transportation)
      1. [Increase Bicycle Use](https://icap.sustainability.illinois.edu/project/increase-bicycle-use)
      2. [Increase Public Transportation Use](https://icap.sustainability.illinois.edu/project/increase-public-transportation-use)
      3. [Increase Walking](https://icap.sustainability.illinois.edu/project/increase-walking)
2. [Encourage Low-Emission Vehicles](https://icap.sustainability.illinois.edu/project/encourage-low-emission-vehicles)
   1. [Install Public Use Electric Vehicle (EV) Charging Stations](https://icap.sustainability.illinois.edu/project/install-public-use-electric-vehicle-ev-charging-stations)
   2. [SmartWay Transport Partnership](https://icap.sustainability.illinois.edu/project/smartway-transport-partnership)
3. [Reduce Business Travel Emissions](https://icap.sustainability.illinois.edu/project/reduce-business-travel-emissions)
   1. [Decrease Emissions from UI Fleet](https://icap.sustainability.illinois.edu/project/decrease-emissions-ui-fleet)
      1. [Increase use of Alternative Service Vehicles](https://icap.sustainability.illinois.edu/project/increase-use-alternative-service-vehicles)
      2. [Use Electric Vehicles (EV) on Campus](https://icap.sustainability.illinois.edu/project/use-electric-vehicles-ev-campus)
      3. [Reduce Vehicle Idling](https://icap.sustainability.illinois.edu/project/reduce-fs-vehicle-idling)
      4. [Support the Illinois Biodiesel Initiative](https://icap.sustainability.illinois.edu/project/support-illinois-biodiesel-initiative)
   2. [Encourage Telecommuting in place of Business Trips](https://icap.sustainability.illinois.edu/project/encourage-telecommuting-place-business-trips)
   3. [Encourage Train Travel for Business Trips](https://icap.sustainability.illinois.edu/project/encourage-train-travel-business-trips)
   4. [Offset Emissions from Plane Trips](https://icap.sustainability.illinois.edu/project/offset-emissions-plane-trips)
   5. [Provide Working Bikes for University Employees](https://icap.sustainability.illinois.edu/project/provide-working-bikes-university-employees)
   6. [Encourage Ride-Sharing for Business Trips](https://icap.sustainability.illinois.edu/project/encourage-ride-sharing-business-trips)

## Questions from the STARS report:

The technical manual for STARS is online at <https://stars.aashe.org/pages/about/technical-manual.html>.

Our report is online at <https://stars.aashe.org/institutions/university-of-illinois-urbana-champaign-il/report/2013-07-31/>. The credit references listed below, are connected with the online report, except that the credits below are from the STARS 2.0 version, and the online report is version 1.2.

|  |  |
| --- | --- |
| **Credit** | **Reporting Field** |
| AC-8.1.14 | A brief description of how the institution is using the campus as a living laboratory for Transportation and the positive outcomes associated with the work |
| OP-2.1 | Does the institution have policies and/or guidelines in place to improve outdoor air quality and minimize air pollutant emissions from mobile sources? |
| OP-2.2 | A brief description of the policies and/or guidelines to improve outdoor air quality and minimize air pollutant emissions from mobile sources |
| OP-18.3 | A brief description of the institution’s efforts to support alternative fuel and power technology in its motorized fleet |
| OP-18.4 | The website URL where information about the institution's support for alternative fuel and power technology is available |
| OP-19.3 | A brief description of the method(s) used to gather data about student commuting |
| OP-19.4 | The website URL where information about sustainable transportation for students is available |
| OP-20.3 | A brief description of the method(s) used to gather data about employee commuting |
| OP-20.4 | The website URL where information about sustainable transportation for employees is available |
| OP-21.1 | Does the institution provide secure bicycle storage (not including office space), shower facilities, and lockers for bicycle commuters? |
| OP-21.2 | A brief description of the facilities for bicycle commuters |
| OP-21.3 | Does the institution provide short-term bicycle parking (e.g. racks) within 50 ft (15 m) of all occupied, non-residential buildings and make long-term bicycle storage available within 330 ft (100 m) of all residence halls (if applicable)? |
| OP-21.4 | A brief description of the bicycle parking and storage facilities |
| OP-21.5 | Does the institution have a “complete streets” or bicycle accommodation policy (or adhere to a local community policy) and/or have a continuous network of dedicated bicycle and pedestrian paths and lanes? |
| OP-21.6 | A brief description of the bicycle/pedestrian policy and/or network |
| OP-21.7 | Does the institution have a bicycle-sharing program or participate in a local bicycle-sharing program? |
| OP-21.8 | A brief description of the bicycle sharing program |
| OP-21.9 | Is the institution certified as a Bicycle Friendly University by the League of American Bicyclists (U.S.) or under a similar third party certification covering non-motorized transportation? |
| OP-21.10 | A brief description of the certification, including date certified and level |
| OP-21.11 | Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle for commuters? |
| OP-21.12 | A brief description of the mass transit program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options) |
| OP-21.13 | Does the institution offer a guaranteed return trip (GRT) program to regular users of alternative modes of transportation? |
| OP-21.14 | A brief description of the GRT program |
| OP-21.15 | Does the institution participate in a car/vanpool or ride sharing program and/or offer reduced parking fees or preferential parking for car/vanpoolers? |
| OP-21.16 | A brief description of the carpool/vanpool program |
| OP-21.17 | Does the institution participate in a car sharing program, such as a commercial car-sharing program, one administered by the institution, or one administered by a regional organization? |
| OP-21.18 | A brief description of the car sharing program |
| OP-21.19 | Does the institution have one or more Level 2 or Level 3 electric vehicle recharging stations that are accessible to student and employee commuters? |
| OP-21.20 | A brief description of the electric vehicle recharging stations |
| OP-21.21 | Does the institution offer a telecommuting program for employees as a matter of policy or as standard practice? |
| OP-21.22 | A brief description of the telecommuting program |
| OP-21.23 | Does the institution offer a condensed work week option for employees as a matter of policy or as standard practice? |
| OP-21.24 | A brief description of the condensed work week program |
| OP-21.25 | Does the institution have incentives or programs to encourage employees to live close to campus? |
| OP-21.26 | A brief description of the incentives or programs to encourage employees to live close to campus |
| OP-21.27 | Does the institution have other incentives or programs to encourage more sustainable modes of transportation and reduce the impact of student and employee commuting? |
| OP-21.28 | A brief description of other sustainable transportation initiatives and programs |
| OP-21.29 | The website URL where information about the institution’s sustainable transportation program(s) is available |
| PA-2.52 | Does the institution have formally adopted plans to advance sustainability in Transportation? |
| PA-2.53 | Do the Transportation plan(s) include measurable objectives? |
| PA-2.54 | A brief description of the plan(s) to advance sustainability in Transportation |
| PA-2.55 | The measurable objectives, strategies and timeframes included in the Transportation plan(s) |
| PA-2.56 | Accountable parties, offices or departments for the Transportation plan(s) |