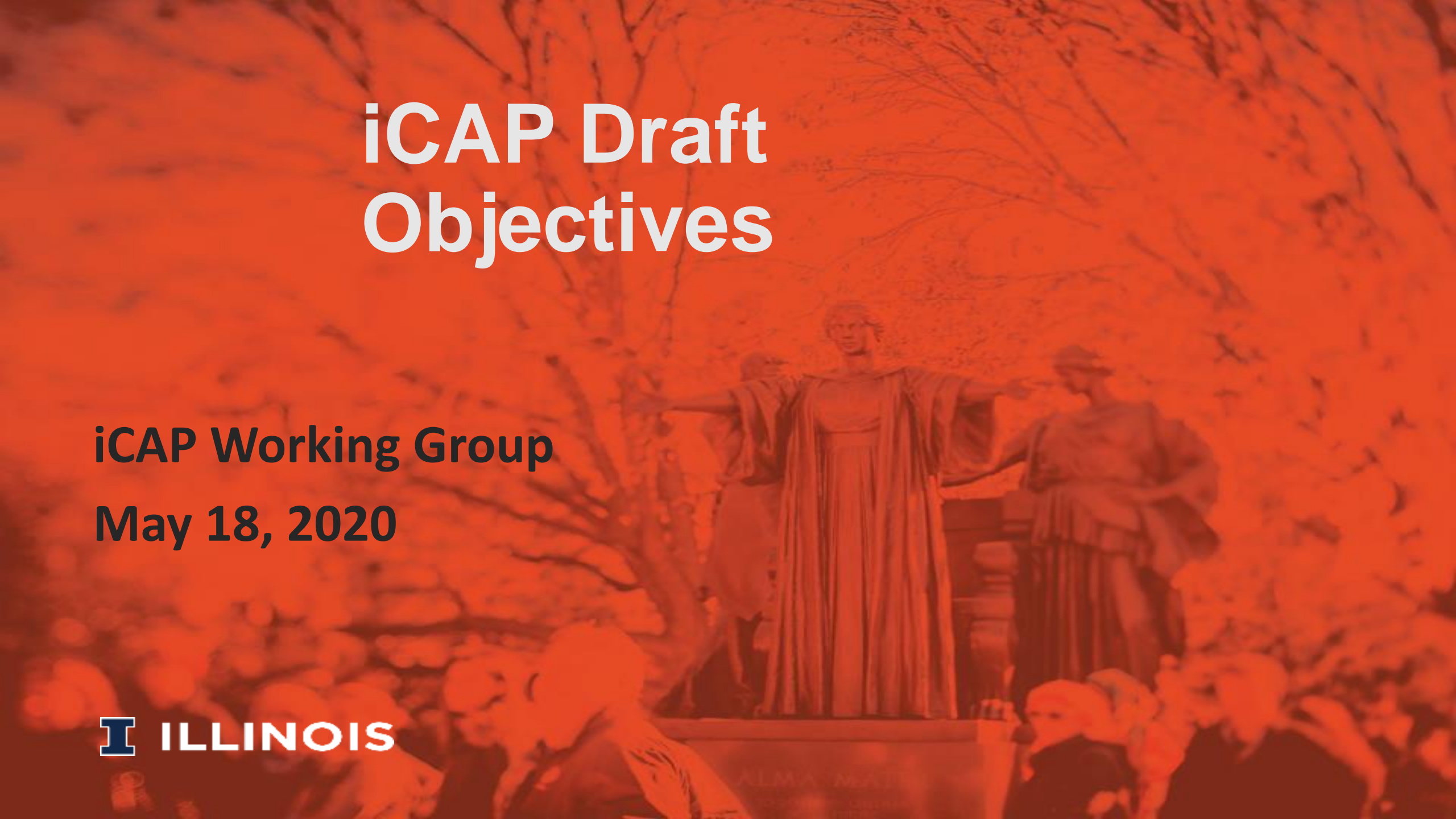


iCAP Draft Objectives

iCAP Working Group

May 18, 2020

I ILLINOIS



Upcoming deadlines

- Comments on recommendation assessments – May 18
- Sustainability Council meeting – May 27

Energy

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
2.1	Energy Planning Document	By FY24, develop a comprehensive energy planning document that includes a detailed strategy for meeting the FY50 net-zero greenhouse gas (GHG) emissions goal.	F&S	high	high
2.2	Increase Energy Efficiency	Reduce Energy Use Intensity (EUI) of University facilities to 45% by FY30, 50% by FY40, and 60% by FY50.	F&S	med	high
2.2.1	Improve Space Utilization	Improve efficiency of space use by minimizing the square footage per person and updating the Space Policy in the Campus Administrative Manual (CAM) by FY23.	Provost	low	low
2.2.2	Reduce Building-level Energy	Reduce the total annual energy consumption of each college-level unit by at least 20% from the FY08 baseline by FY30.	Facility Managers w/ F&S	med	high

Energy, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
2.3	Clean Energy Sources	Use clean energy sources for 15% of total campus energy demand by FY30.	F&S	high	high
2.3.1	140,000 MWh/year Clean Power	Use at least 140,000 MWh/year of clean power (about 30% of annual power demand) by FY25.	F&S	med	high
2.3.2	Convert to Hot-water Heating	Support the transition to electric heating by converting campus buildings to hot-water, low-temp heating systems <add a specific metric, based on number of buildings to convert>	F&S	med	high



Transportation

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
3.1	Fleet Replacement Plans	Improve University-owned vehicle fuel efficiency through the establishment of written replacement plans for at least 80% of campus fleets by FY24.	Fleet Managers w/F&S	med	low
3.2	Increase Pavement Condition Index	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	F&S	med	high
3.3	Electric Vehicle Task Force	Establish an Electric Vehicle Task Force to identify key goals for supporting the use of electric vehicles on and off campus by FY22.	Parking	low	low



Transportation, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
3.4	Reduce Driving on Campus	Reduce the percentage of staff trips made using single-occupancy vehicles from 60% to 50% by FY25 and 45% by FY30.	F&S	high	med
3.4.1	Car Free Commuter Program	Develop a Commuter Program (Bus, Bike, and Hike) for faculty and staff. Register 100 people by FY24 and 500 people by FY30	Parking w/F&S	med	med
3.4.2	Implement Campus Bike Plan	Continue to implement the 2014 Campus Bike Plan.	F&S	med	high
3.4.3	Telecommuting Policies	Establish telecommuting policies for the campus by FY24	F&S w/IHR	med	low
3.5	Offset Air Travel Emissions	Reduce net air travel emissions from FY14 baseline: 50% by FY24; 100% by FY30.	iSEE	low	low



Land and Water

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
4.1	Reduce Water Consumption	Reduce potable water consumption to 721,500 kgal/year by FY24, which is a reduction of 45% from the FY08 baseline.	F&S	med	med
4.2	Implement Resilient Landscape Strategy	Implement the Resilient Landscape Strategy recommendations by FY24.	F&S	med	high
4.2.1	Increase Number of Trees	Increase the number of trees on campus by 10% by FY24.	F&S	med	high
4.2.2	Increase Pollinator Friendly Areas	Increase the number of on-the-ground pollinator-friendly landscaping areas on campus by 50% from the FY19 baseline by April 2024.	F&S	med	med
4.2.3	Double Green Infrastructure Installations	Double the number of on-campus green infrastructure installations from 24 to 48 by FY24.	F&S	med	high
4.2.4	Indoor Green Space	Increase nature visibility by establishing an indoor green space by FY24.	??	high	high



Land and Water, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
4.3	Cover Crops on South Farms	Use cover crops in at least 20% of South Farms acreage by FY24.	ACES	high	high
4.4	Monitor Soil Health	Monitor soil health by collecting soil analyses for all South Farms land parcels, using the LabCore System, by FY24.	ACES	high	low
4.5	Food Literacy Project	Implement Food Literacy Project by FY24 by tracking carbon, nitrogen, and water footprints for food items in campus dining halls.	Housing	high	med

Zero Waste

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
5.1	Sustainable Procurement Reports	Increase understanding of and compliance with sustainable procurement requirements, with 100% of business managers completing an annual sustainable procurement report by FY24	Purchasing	high	low
5.2	Reduce Landfilled Waste	Reduce the total campus waste going to landfills by 10% from the FY19 baseline of 5,049 tons by FY24.	F&S	high	high
5.2.1	Install Appropriate Infrastructure	Install appropriate waste collection infrastructure throughout the University District, with new indoor bins placed in at least 150 buildings by FY24.	F&S	high	high
5.3	Establish a Culture of Reuse	Establish a culture of reuse, with 100% of major events hosted by the Chancellor or Provost Offices using durable goods and composting by FY24.	F&S w/Provost	med	med
5.3.1	Zero Waste Messaging Campaign	Develop a comprehensive Zero Waste messaging campaign by FY21, and achieve a cumulative total of 10,000 "Use the Bin" pledges by FY24.	F&S	med	med



Zero Waste, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
5.4	Reduce Food Scraps	Promote food scraps reduction on campus through a behavior change campaign and tracking, recovery of surplus food, and food donations, with at least five new areas tracking and reporting their food waste by FY22. Reduce food waste by 30% by FY24 for all newly tracked locations.	F&S w/Illini Union	med	med
5.5	Plan for Organic Waste	Develop a detailed comprehensive plan including implementation and operational costs/benefits to sustainably dispose of all food scraps and other organics by FY24, and fully implement the plan by FY33.	F&S	high	high
5.6	Use Local Food	Increase the use of local food to 35% by FY30.	Housing	med	med
5.7	Green Cleaning Program	Establish a green cleaning program that meets LEED v.4 requirements by FY24.	F&S	med	med

Education

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
6.1	Broaden Sustainability Education	Broaden the availability of sustainability education across the entire curriculum, beginning with orientation of freshman year and continuing through commencement, with at least one of the three proposed methods implemented by FY24.	iSEE	med	med
6.2	Sustainability Course Catalog	Establish a comprehensive online repository for courses and academic programs with sustainability content.	iSEE	med	low
6.3	Environmental Leadership Program	Launch an undergraduate Environmental Leadership Program (ELP) that includes two week-long residential intensives, pre-professional workshops, visiting speakers, and field trips to Springfield and Washington, D.C.	iSEE	low	med

Education, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
6.5	Sustainability Internship Program	Develop a sustainability internship program through partnering with businesses, nonprofits, local government, and cultural institutions in Central Illinois. The total number of internships awarded will be reported each year	iSEE	med	low
6.6	Sustainability at Career Fairs	Incorporate sustainability opportunities for at least three career fairs per year beginning in FY21.	Career Center w/iSEE	low	low
6.7	Graduate Certificate in Sustainability	Offer a new graduate certificate in sustainability by FY24.	iSEE	med	low

Engagement

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
7.1	Green Certifications	Enhance the overall culture of sustainability on campus, and increase the number of certified green offices and certified green labs by 20% each year from FY20 to FY24.	iSEE	low	low
7.2	Sustainable Events Program	Develop a Sustainable Events Program by FY23, with 100% of the Illini Union Board events qualifying in FY24.	Illini Union	med	low
7.3	Green Sports Alliance	Increase visibility of campus sustainability efforts by joining the Green Sports Alliance through the Division of Intercollegiate Athletics (DIA) by FY22.	DIA	low	low
7.4	Local Collaborations	Incorporate sustainability-related problem solving in the GivePulse system for public engagement, and track local collaborations for sustainable solutions. Increase local collaborations by 10% per year from FY22 to FY24.	iSEE	med	med



Engagement, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
7.5	Support Youth Sustainability	Support programs to develop love of nature and sustainability among children, with an annual Youth Sustainability Summit led by local teenagers with guidance and mentoring from campus and community sustainability leaders.	Extension	med	low
7.6	iCAP Portal updates	Update the iCAP Portal on a monthly basis to report progress toward iCAP objectives	iSEE	low	low

Resilience

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
8.1	Urban Biodiversity Master Plan	Develop a coordinated urban biodiversity master plan and implementation working group to consider future climate conditions and make the Champaign, Urbana, Savoy, and Campus metro area a model for biodiversity.	Extension, w/F&S	high	med
8.2	Coordinated Rainwater Management	Coordinate rainwater management plans for the entire urbanized areas of Champaign, Urbana, Savoy, and Campustown. Starting in FY21, share the total number of green infrastructure locations on the iCAP Portal on an annual basis.	F&S, w/Extension	high	high
8.3	Environmental Justice Plan	Develop a collaborative plan for environmental justice that will assess metro area resilience and actively address related issues. The plan should be written and publicized by Dec. 31, 2022.	??	high	high

Resilience, continued

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
8.4	Local Sustainability Issues	Take leadership in addressing the most pressing sustainability challenges in our local communities through collaboration with local governments and related community groups, by forming an advisory panel for coordinating efforts across jurisdictional boundaries. By Sept. 30, 2022, select at least three major local sustainability issues to address and identify lead agency and key stakeholders.	iSEE	high	med
8.5	Inventory Green Jobs	By FY23, collaborate with colleges and community groups to inventory existing certification opportunities for green jobs and identify gaps.	iSEE	med	low
8.6	Vision Zero	Support Vision Zero as a county-wide goal for safe and sustainable transportation.	F&S	low	med
8.7	Local Offsets Program	Establish a local offsets program by FY24.	iSEE	high	high

Implementation

Objective	Objective Short Name	Draft Objective description	Responsible Parties	Implementation Difficulty	Funding Level
9.1	Divest from Fossil Fuels	Fully Divest from fossil fuel companies by FY25	Chancellor	high	med
9.2	Sustainable Investing Policy	Commit to a Sustainable Investing Policy by FY24	Chancellor	high	low
9.3	Include iCAP in Strategic Plan	Incorporate iCAP in the next campus Strategic Plan	Chancellor	low	low
9.4	Become STARS Platinum	Achieve STARS Platinum rating from the Association for the Advancement of Sustainability in Higher Education (AASHE) by FY30.	iSEE	high	high



Next steps...

- Circulate draft of iCAP (May)
 - iWG affiliated groups/stakeholder feedback