

# September Energy Team Meeting

September 24<sup>th</sup>, 2021

9:00 A.M.

Zoom

# Introductions

Name

Newcomer or returning member?

What are you most excited about this year?

What is a fun fact about you?

# Meeting Objectives

Understanding our role in implementing the iCAP

Review of our charge letter

Review of Energy Team Objectives

Review of progress on existing projects

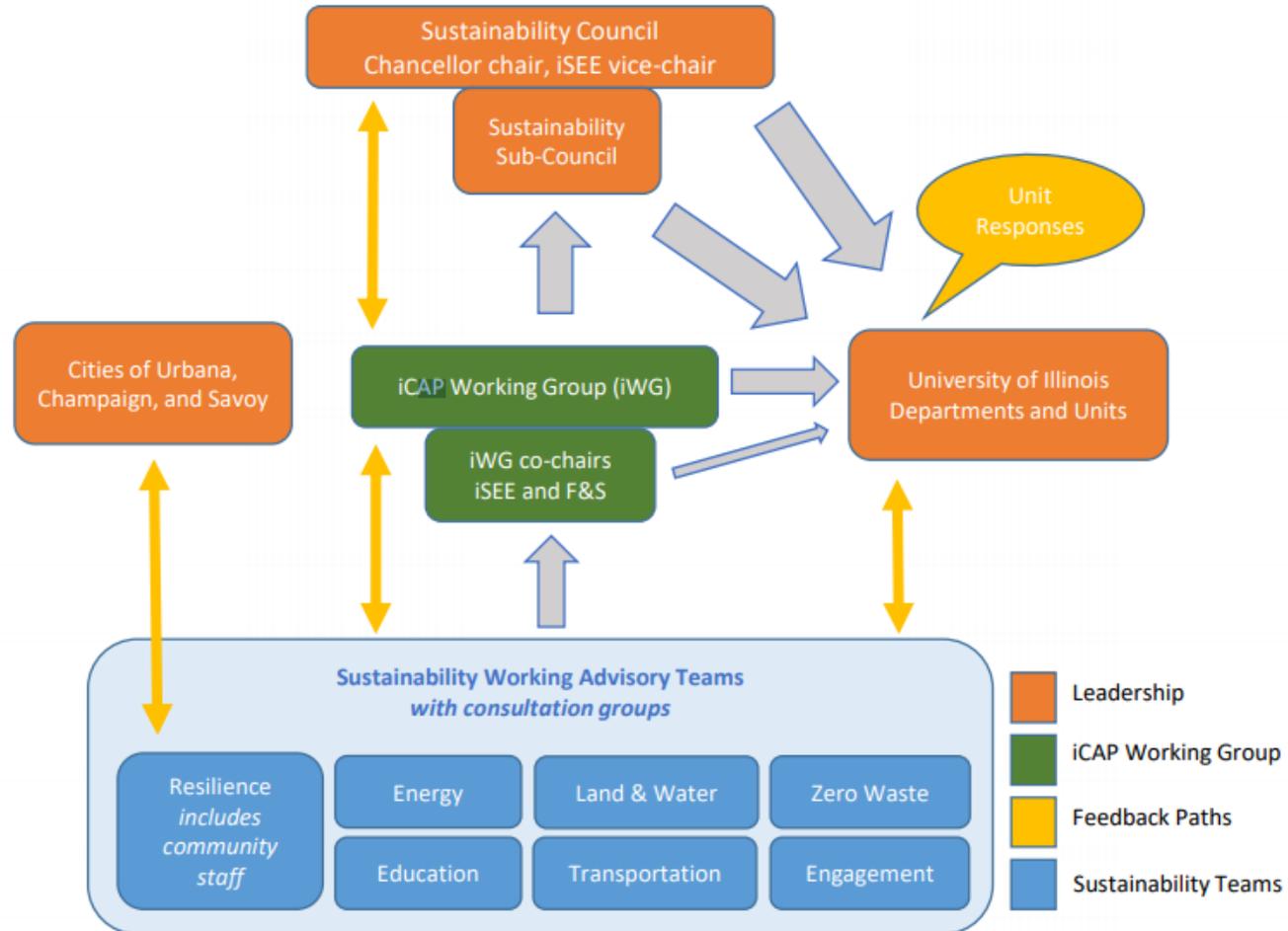
Determination of projects to focus on this year/Recommendation wish list

Projects to highlight on Illinois.edu

Discussion: Energy Team Assessment and iCAP Celebration

Adjournment

# iCAP Process and Procedures



# Review of the FY22 Charge Letter

1

Submit formal recommendations about specific projects, policies, actions, or studies the campus should take to meet iCAP objectives

- Submit on a rolling basis no later than 4/8/2022

2

Conduct an analysis of progress of the iCAP 2020 objectives that correspond to energy.

- Submit this assessment to the iWG by 10/8/2022

3

Engage our colleagues and peers in campus sustainability efforts.

- Share the ideas, projects, and discussions of the team with peers to get insight on how to advance goals.

# Review of Energy Team Objectives

- 2.1: Develop a comprehensive energy planning document
  - Our team is tasked with developing a recommendation for F&S that includes a detailed strategy for meeting the FY50 net-zero greenhouse gas emissions goal by FY24.
  - 2.2: Reduce Energy Use Intensity
    - We need to provide a recommendation to F&S that reduces the Energy Use Intensity of university facilities from the FY08 baseline by 45% by FY30, 50% by FY40, and 60% by FY50.
    - 2.2.1: Improve efficiency of space use
      - Provide a recommendation to the Provost Office to minimize the square footage per person and update the Space Policy in the Campus Administrative Manual (CAM) by FY23
    - 2.2.2: Reduce the total energy consumption of college units
      - Provide a recommendation to reduce college-level unit energy consumption by at least 20% from FY15 by FY35
- 2.3: Use clean energy
  - Provide a recommendation to achieve 15% of total campus energy demand from clean energy sources by FY30.
  - 2.3.1: Use at least 140,000 MWh/year of clean power by FY25
  - 2.3.2: Use at least 150,000 MMBTU/year of clean thermal energy by FY30.

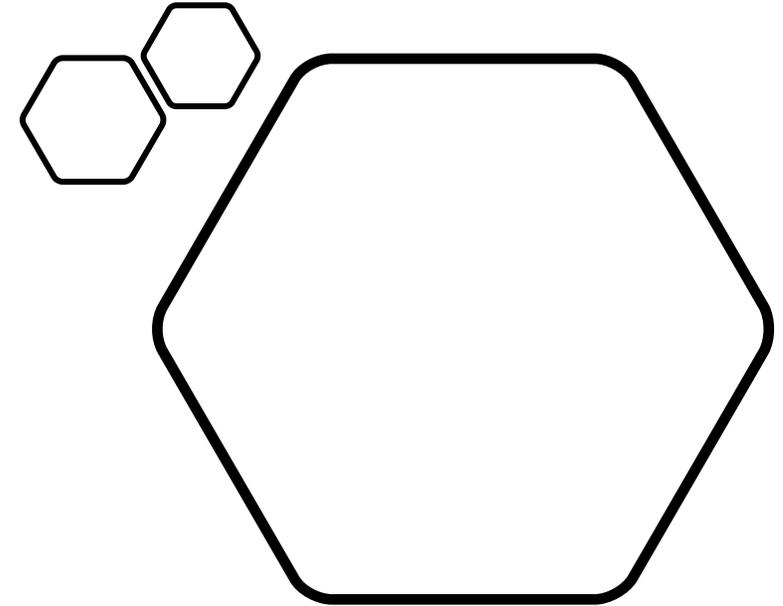
## 2.1: Develop a Comprehensive Energy Planning Document

- The associated project to this objective is the energy planning document.
- F&S published their Energy Management Plan in December 2020, but it does not put us on a track to achieving net-zero by FY50.
- During the team meeting in April, this team resolved to continue moving along with the Energy Planning Document recommendation and with collecting comments for it.



## 2.2: Reduce Energy Use Intensity

- Associated Project: Energy Conservation Efforts and its related projects, especially Building-Level Energy Efficiency and Improve Space Utilization.
- F&S published a five-year Asset Management Plan regarding the status of building maintenance in December.
- Building Envelope Pilot Project is a key aspect of energy efficiency.
- Space Growth Working Group is working to address space usage for staff.



## 2.3: Use clean energy sources

- Associated Projects: Carbon-Neutral Energy for Campus, Use Clean Power, Use Clean Thermal Energy.
- The completion of solar farm 2.0 is big for clean power, and the completion of CIF is big for clean thermal energy.



# Project Priorities for 2021-22

- 2 of our goals must have recommendations submitted by 2025
  - 2.1 and 2.3.1
- How should we approach the prioritization of project goals?
- Homework: Submit a recommendation idea
  - Link in zoom

# Discussion: Energy Team Brags On Illinois.edu

- The Engagement team is working on a recommendation for a sustainability dashboard on the Illinois.edu homepage.
- The dashboard would appear on a monthly basis and feature highlights of quantitative data and a qualitative news section all about sustainability.
- The quantitative section will have metrics related to each of the iCAP teams and would be dynamic, impactful, and attractive.
- What metrics could we include from the Energy Team?



# General Discussion

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# Adjournment



Be on the lookout for upcoming emails.



Remember the recommendation assignment.



See you at next month's meeting!