

Sustainable Energy @ UMass Amherst

Learn



School of Earth and Sustainability (SES) and Integrated Concentration in STEM (iCons)

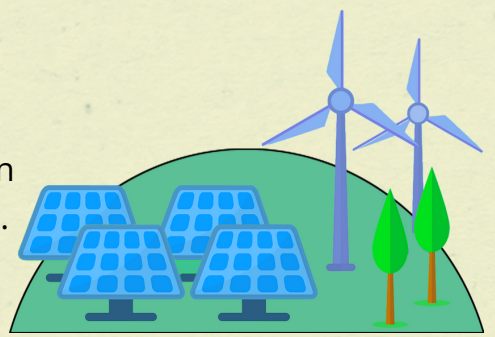
SES, an interdisciplinary academic unit, promotes cross-curricular relationships and provides educational programs to train the next generation of sustainable energy professionals and scholars for the green workforce. The energy track of the [iCons program](#) helps undergraduates identify global problems and find cutting edge solutions. These UMass programs are educating the workers who will drive a vibrant, equitable and resilient Massachusetts economy.

Partner Project: SES, ETI, and WEC are collaborating on [ELEVATE](#), providing integrated research and graduate education on clean energy technology, social equity, and climate resilience.

Energy Transition Institute (ETI) and Wind Energy Center (WEC)

Researchers are creating new knowledge in ETI, a cross campus collaboration focusing on stakeholder-engaged research at the intersection of energy technology and equity. [WEC](#) is focused on fundamental and industry-driven research to advance wind energy and related technologies.

Partner Project: ETI is working with WEC to embed equity into offshore wind energy research projects.



Create Knowledge

Live



Facilities and Campus Services (FCS)

Through their Sustainable UMass initiative, FCS is responsible for helping the campus community to live sustainably by implementing sustainable energy practices on campus; they have made enormous impacts with over 7 MW of solar parking canopies and rooftop systems installed on campus and more energy efficiency initiatives planned. **Partner Project:** FCS is working with SES and CEE to develop a [living lab](#), engaging students and faculty in the [UMass Carbon Zero campaign](#) to make the campus carbon neutral by 2032.

Clean Energy Extension (CEE) and Center for Energy Efficiency & Renewable Energy (CEERE)

UMass is creating change through the CEE, which is translating research findings to help communities implement sustainable energy solutions and supporting citizens, businesses and other partners in achieving their sustainable energy goals; and through the CEERE, which provides technical assistance to industrial facilities across New England.

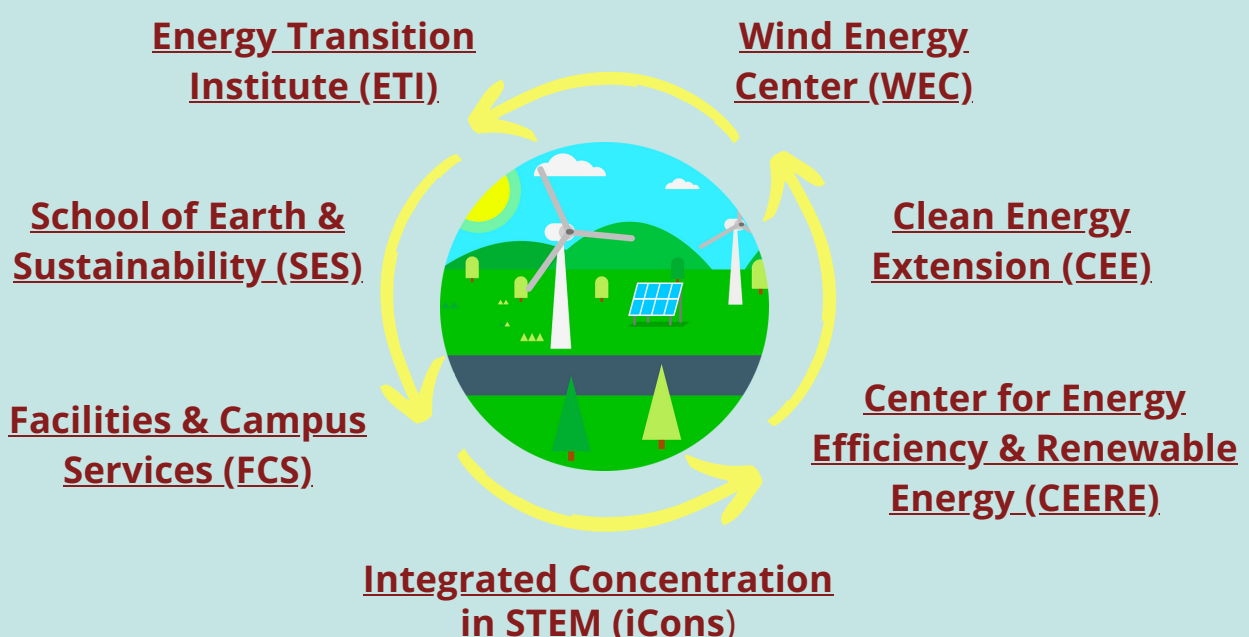
Partner Project: CEE is collaborating with ETI on the [Holyoke Community Energy Project](#), committed to building a just, equitable, and sustainable energy future for Holyoke through co-designed solutions that respond to residents' energy needs, center the community's voice, and repair the legacy of environmental injustices.



Create Change

UMass Amherst is a NATIONAL LEADER IN SUSTAINABLE ENERGY RESEARCH, EDUCATION, OUTREACH, and PRACTICE, with a goal of transitioning our world to a LOW-CARBON ENERGY FUTURE.

The key campus units, spanning five colleges, are as follows:



Working together, **THESE UNITS HAVE MADE UNIVERSITY OF MASSACHUSETTS AMHERST THE PLACE TO BE** for learning and applying sustainable energy knowledge, both regionally and nationally.