



What is E-affiliates?

Princeton E-affiliates Partnership (E-affiliates) is a Princeton University membership program that positions organizations to engage in close collaborations with academic experts, Princeton students, and other partners from diverse sectors. E-affiliates delivers unique value through tailored research projects, exclusive meetings, and high-impact conferences. The program is administered by the Andlinger Center for Energy and the Environment. Organizations can join at one of **three levels**:

- **Affiliate membership** plugs you into our events and information
- **General membership** includes sponsored research and a voice in program priorities
- **Charter membership** allows for closer and deeper collaboration with Princeton and a menu of special benefits

Why E-affiliates?

Participation in E-affiliates lowers the barriers for collaboration between corporate and non-profit members and the Princeton research community, helping identify the most pressing energy and environment problems in order to develop and scale solutions. A successful energy systems transition in the face of climate change calls for a response of unprecedented speed and scope and a dismantling of historic silos. Truly multidisciplinary research can guide technology, policy, business, and beyond, but it must be informed by realities on the ground. E-affiliates responds to this need by facilitating collaborative research, information exchange, and partnerships between stakeholders across the energy value chain, matching members with strategic opportunities.

Contact us

Chris Greig

Associate Director for External Partnerships, Theodora D. '78 and William H. Walton III '74 Senior Research Scientist at the Andlinger Center for Energy and the Environment
609-258-7833
cgreig@princeton.edu

Vivian F. Fuhrman

Assistant Director for External Partnerships
609-258-2305
vfuhrman@princeton.edu

Andlinger Center for Energy and the Environment
86 Olden Street
Princeton University
Princeton, NJ 08544

Value

- Navigation across university-wide opportunities and connections to faculty across campus
- Close interaction with other decision-makers across value chain
- Sharing pre-competitive challenges between companies and input into focus areas of center
- Early awareness of center opportunities, including project partnerships and cost sharing
- Priority status at center events
- Leveraging joint industry/university/government research funds to reduce risk in strategic areas
- Facilitated student recruiting
- Practical, fundamental approach to solutions for complex global issues
- Market insight, risk reduction, and new business opportunities

Reach

- **MEMBERS:** Connect with E-ffiliates from diverse industrial sectors.
- **EVENTS:** Engage at the Annual Meeting, E-ffiliates Retreat, and quarterly Tech Talks.
- **RESEARCH:** Collaborate between members and Princeton's world class labs/research groups.
- **IMPACT:** Access the Net-Zero America project and Andlinger Center Annual Reports.

Excellence

- **Energy systems analysis** at regional and national scales for investment and policy decisions
- **Energy storage technologies** for transportation and grid-scale applications
- **Climate science and risk analysis** to inform engineering and investment choices
- **Biological routes to fuels and chemicals** emphasizing carbon utilization and renewable feedstocks
- **Techno-economic analysis** of externalities of energy infrastructure conversion including employment, health, and pollution
- **Urban environmental sensing** for air quality monitoring, pollutant source tracking, and urban planning
- **Cement materials science** for next-generation cement materials, processing, and carbon capture
- **Soft matter physics** for new materials to manage energy flows in devices and manufacturing
- **Water/energy nexus** with a focus on energy-efficient treatment and resource recovery
- **Subsurface biogeochemistry** for applications in environmental remediation and engineering
- **Power electronics** to enable high-efficiency power conversions and complex grid-edge applications
- **Building science** and architectural approaches to advanced building materials and energy systems
- **Low-temperature plasma science** for electrified manufacturing and recycling

Deloitte.



Google

NEC

NEC Laboratories America

SIEMENS

2150



CUBIC PV

ECP

Evidn.



Komline

MERCATOR
PARTNERS

Mitsubishi Corporation
(Americas)



nT-ta

PSEG

SCGC

