

Princeton E-ffiliates Partnership



What is E-ffiliates?

Princeton E-ffiliates Partnership (E-ffiliates) is a Princeton University corporate membership program that positions organizations to engage in close collaborations with academic experts, Princeton students, and other partners from diverse sectors. E-ffiliates delivers unique value through tailored research projects, exclusive meetings, and high-impact convening. 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** provides for closer and deeper collaboration with Princeton and a menu of special benefits

Why E-ffiliates?

Participation in E-ffiliates lowers the barriers for cooperation between member organizations and the Princeton research community, helping identify the most pressing energy and environment problems and develop scalable 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-ffiliates 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

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Value

- Connections to faculty, programs, and events across campus
- Close interaction with other decision-makers across the energy value chain
- Pre-competitive challenges shared between companies
- Input into focus areas of the Center
- Early awareness of Center opportunities, including project partnerships and cost sharing
- Priority status at center events
- Coordination of joint industry, university, and government research funds to reduce risk in strategic areas
- Facilitated student meetings and recruiting
- Practical, fundamental approach to solutions for complex global issues
- Market insight, risk reduction, and new business opportunities

Reach

- MEMBERS: connect with E-filiates from diverse industrial sectors
- EVENTS: engage at the Annual Meeting, E-filiates Retreat, Tech Talks, and more
- RESEARCH: collaborate with Princeton's world class labs, research groups, and other members
- INSIGHT: leverage special access to the Net-Zero regional projects, Andlinger Center Annual Reports, and high-impact analysis

Initiatives

- **Renewable Energy Systems** will develop improved approaches to generate and transition to clean electrical power and enable effective deployment at scale.
- **Industrial Decarbonization** will develop approaches for process electrification and energy efficiency improvements to decarbonize heavy industry in materials, chemicals, and fuels.
- **Decarbonizing Buildings and Transportation** aims to decrease the carbon intensity of buildings and transportation systems by developing and deploying novel materials, technologies, and processes.
- **Carbon Capture, Utilization, and Storage** aims to develop new materials and systems that improve the efficiency and practicability of carbon dioxide capture, valorization, and sequestration.
- **The Water-Energy-Resource Nexus** aims to reduce the energy and resource intensity of water and wastewater treatment, recover energy and valuable resources from process waste, and develop technologies for effective pollution remediation.
- **Climate Resilience Engineering** will create effective strategies for making infrastructure and energy systems more resilient to climate risks and mitigating the impacts of climate change on human health and wellbeing.

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Mitsubishi Corporation
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