The Energy Innovation Center

At the University of Missouri

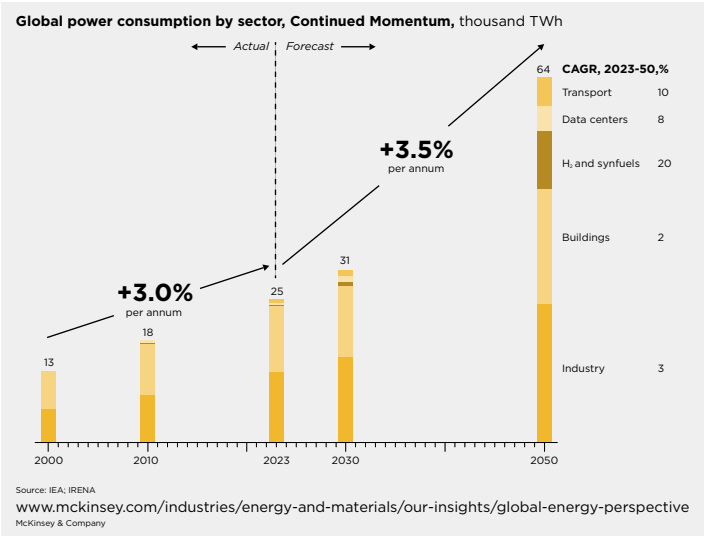
Revolutionizing Energy Solutions Through Research, Education and Industry Engagement

A groundbreaking initiative and a visionary space where researchers, industry leaders and students will come together to solve the most pressing energy challenges of our time. Here, we are not just imagining the future; we are building it.

The Challenge of Energy Today

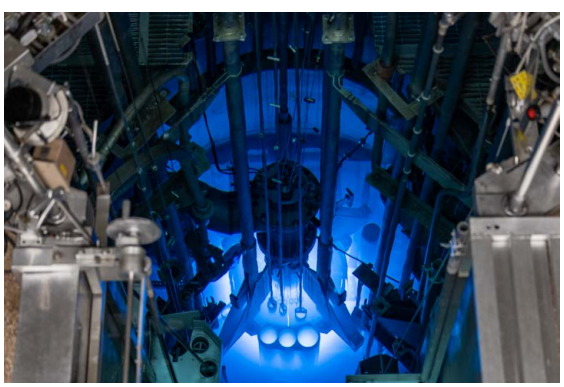
As global energy demand is projected to double in the next 25 years, our current infrastructure will face unprecedented pressure. Diversifying energy sources will not just be an option—it will be a necessity. The rising demand for hydrogen generation, rapidly growing data centers and expanding industrial and building needs will require innovative and sustainable solutions.

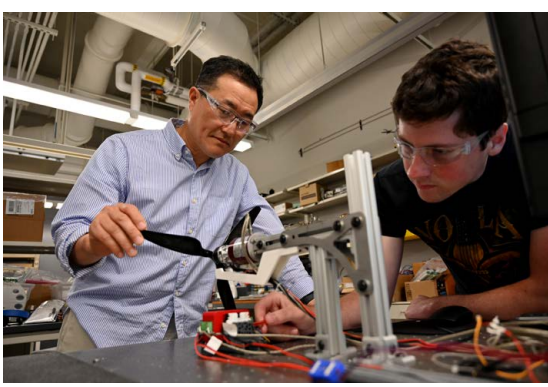
At the heart of this transformation is electrification. To meet this demand, we must invest in grid infrastructure that ensures dependability and security.



Mizzou's Commitment

By aligning Mizzou's resources, expertise and the increasing demand for energy solutions, we have a unique opportunity to advance technology, develop the workforce and shape policy. With our strengths in nuclear energy, materials science, biofuels and cybersecurity, Mizzou is positioned to become a national leader in the energy domain. This is not just about advancing research; it's about structuring our efforts in technology development, education and community engagement to drive the future of energy.





Strategic Alignment: Achieving Excellence Together

The Energy Innovation Center aligns with the three pillars in Mizzou's 2024-2030 Strategic Plan, "Achieving Excellence Together."

- ***Enhancing Student Success***
  Through experiential learning opportunities that provide hands-on projects.

- ***Driving High-Impact Research***
  By securing center-level grants and tackling complex energy challenges that require cross-disciplinary collaboration.

- ***Outreach and Engagement***
  By building strong industry partnerships, translating research into practical solutions that create both local and global impact.

Collaborative Effort Across Campus

EIC's interdisciplinary approach is driven by the the College of Engineering, College of Arts and Science and College of Agriculture, Food & Natural Resources, with contributions from business, journalism and law.

The central location will also foster collaboration, ensuring a comprehensive approach to energy solutions.

Mizzou

College of Engineering | College of Arts & Science
College of Agriculture, Food & Natural Resources

A Hub for Innovation

This new building will serve as the physical and intellectual home for this initiative, with each floor dedicated to a thematic area. Policy experts will work alongside fundamental science and technology development researchers to ensure that economics, policy and workforce development are integrated, allowing solutions to be marketplace ready.

Level 1
Nuclear Energy & Nuclear-Engineered Materials

Level 2
Hydrogen & Biofuels

Level 3
Energy Storage Technologies

Level 4
Grid Security, Energy-Efficient AI; Public Policy

Join Us in Building the Future

The Energy Innovation Center has the potential to make a lasting impact—not just at Mizzou, but across the energy sector and beyond. The time is NOW. The challenges are urgent, the opportunities immense. Together, we can ensure that EIC becomes a world-class leader in energy research, education and impact.