

# The Joint Institute for Strategic Energy Analysis

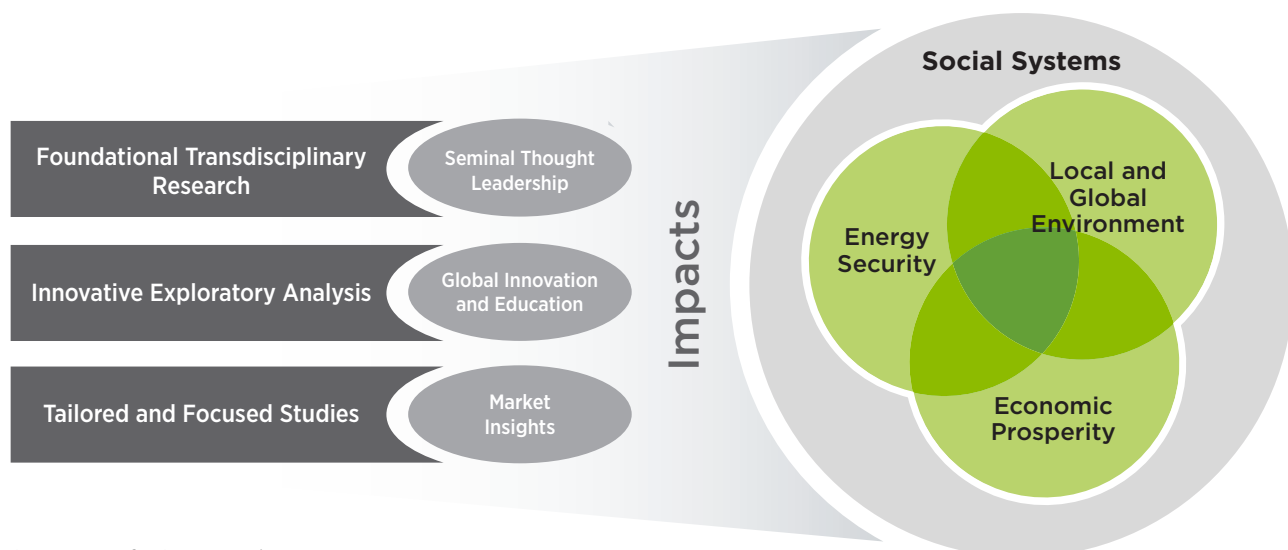
## Providing research and analysis to guide the transformation of the global energy economy

The Joint Institute for Strategic Energy Analysis (JISEA) provides leading-edge, objective, high-impact research and analysis to guide global energy investment and policy decisions. JISEA explores the intersections of the environmental, social, financial, technological, and political elements of energy systems. Focused on the nexus of energy, finance, and society, JISEA envisions a clean energy economy.

### JISEA's Mission

JISEA's mission is to guide the transformation of the global energy economy through analysis that:

- Guides, influences, and informs global energy investment and policy decisions
- Incorporates social, behavioral, economic, and strategic insights
- Remains objective and unattached to a specific agenda
- Advances strategic worldwide dialogues.



Spectrum of JISEA's work

## JISEA's Work

JISEA's objective, comprehensive, seminal analysis provides decision-making support to industry, finance, and government. The research areas focus on natural gas; clean energy manufacturing analysis; potential synergies of nuclear and renewable energy; and high-penetration renewable energy integration.

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JISEA operates the Clean Energy Manufacturing Analysis Center (CEMAC), which provides objective analysis and current data on global clean energy manufacturing and promotes the transition to a clean energy economy. Learn more at: [www.manufacturingcleanenergy.org](http://www.manufacturingcleanenergy.org).

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JISEA offers its expertise to help countries transition to low-carbon power systems. Programs include the China Grids Program for a Low-Carbon Future and the 21st Century Power Partnership (21CPP).

- JISEA supports the China Grids Program for a Low-Carbon Future, which is a 5-year, collaborative program that assists with China's transition away from an electricity grid that is dominated by fossil fuels and lays the groundwork for decarbonization.
- JISEA and the National Renewable Energy Laboratory collaboratively lead the 21CPP, which is a multilateral initiative of the Clean Energy Ministerial to transform power systems globally. 21CPP advances integrated solutions for large-scale renewable energy deployment, energy efficiency, and grid modernization and engages in research and technical assistance activities to accelerate policy and regulatory strategies. Learn more at: [www.21stcenturypower.org](http://www.21stcenturypower.org).

JISEA's publications contain innovative, strategic insights; explain their real-world implications; and guide and influence policy and investment decisions. The publications include reports, conference papers, journal articles, webinars, and presentations. View JISEA's publications at [www.jisea.org/publications.cfm](http://www.jisea.org/publications.cfm).

## Work with JISEA

JISEA offers exceptional analytic capabilities and value. JISEA conducts research for and with its founding partners, with a global network of research affiliates, for federal and state agencies, and for global sponsors. By drawing on the skills and resources of its founding institutions—Colorado School of Mines, Colorado State University, Massachusetts Institute of Technology, National Renewable Energy Laboratory, Stanford University, and University of Colorado—JISEA offers research and analytical capabilities that exceed those of any single institution. Contact [jisea.coordinator@jisea.org](mailto:jisea.coordinator@jisea.org) for more information on partnering with JISEA as a sponsor, research affiliate, or research fellow.

## Continuing the Transformation

From its inception, JISEA has provided critical clarity and insights to inform decision making through multidisciplinary research and objective, credible, cross-functional analysis. JISEA combines the unique capabilities of its founding institutions and research affiliates around the world to navigate complex issues, present unique perspectives, and continue to inform the landscape of transformation.



Massachusetts Institute of Technology



JISEA is operated by the Alliance for Sustainable Energy, LLC, on behalf of the U.S. Department of Energy's National Renewable Energy Laboratory, the University of Colorado-Boulder, the Colorado School of Mines, Colorado State University, Massachusetts Institute of Technology, and Stanford University.

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