



How to find us

rasei.colorado.edu

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RASEI researchers are located across CU Boulder and NREL campuses, with our central office in the Sustainability, Energy and Environment Community (SEEC) Building:

4001 Discovery Drive,
Suite N324, Boulder, CO, 80303

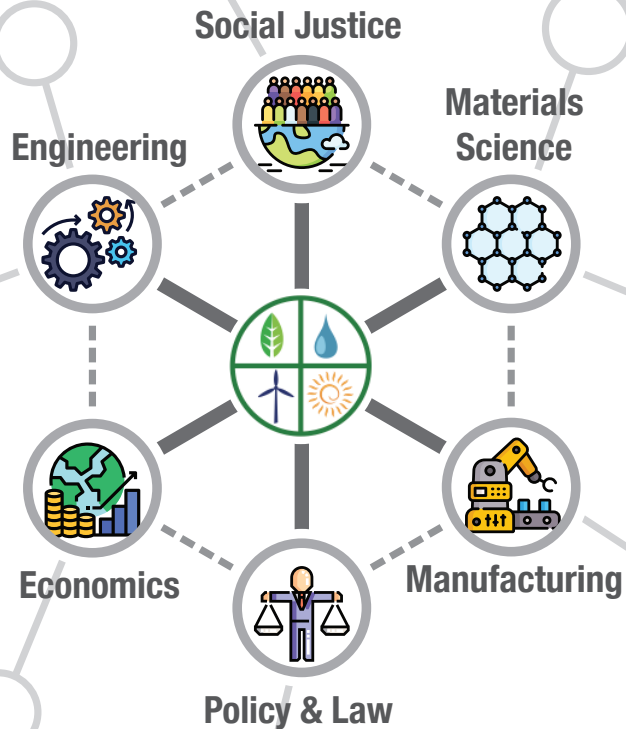
RASEI is a joint Institute between **CU Boulder** and the **National Renewable Energy Laboratory (NREL)** addressing important, complex problems that require a multidisciplinary collaborative approach.



Creating Solutions for
a Just and Sustainable
Future

Who we are

RASEI combines the strengths of NREL and CU Boulder to create an interdisciplinary team uniquely positioned to holistically address issues of sustainability and energy resilience in a just and scalable fashion.



The team brings together a cross-section of expertise to establish RASEI as a hub for an energy integrated campus, leading perspectives in sustainability and energy justice.

Accelerate solutions that transform society by advancing renewable energy science, engineering, and analysis through research, education, and industrial partnerships

Convene collaborators from across academic institutions, federal research laboratories and businesses and corporations.

Foster interdisciplinary partnerships to develop transdisciplinary solutions to the climate crisis challenges of the 21st century

Facilitate research, education, and social engagement programs that prepare students to be the next generation of leaders in energy.

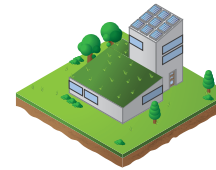
Cultivate lasting relationships with industry to guide our research and accelerate adoption of innovations and solutions.

What we do



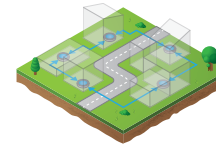
Innovative Energy Capture and Conversion

Discover and develop more efficient techniques to capture energy from renewable sources such as wind, solar and geothermal heat.



Innovation in Powering Buildings

Identify new strategies to reduce energy waste in the way we construct, power, and live in buildings and communities.



Grid Innovation

Advance new strategies for the generation, distribution and storage of energy to produce a more efficient and resilient way to power society.



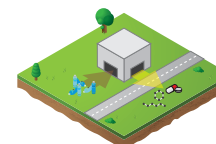
Social, Institutional and Community Engagement

Build strong relationships with underserved communities most effected by sustainability and climate change to ensure the development of socially just solutions.



Sustainable Transportation Fuels

Develop technologies that enables hydrogen as a viable and sustainable alternative to fossil fuels, including photochemical and solar thermal production.



Plastic Upcycling

Demonstrate scalable strategies to recover valuable chemical commodities from plastic waste, reducing pollution and enhancing manufacturing and society.