

The ANU Energy Change Institute

The ANU Energy Change Institute provides authoritative leadership in energy research, education and public policy through a broad portfolio ranging from the science and engineering of energy generation and energy efficiency, to energy economics, regulation, security, sociology, law and policy.

Drawing on academics from all seven ANU colleges, the ECI takes an interdisciplinary approach to moving to a sustainable and dominantly renewable energy future. The ECI comprises approximately 300 staff and postgraduate students, and over \$100 million in infrastructure and facilities, supported by a major portfolio of external grant funding.

A defining feature of the ECI is that we are both technology and policy neutral. That is, we undertake research and education in key areas of energy technology and energy policy without favouring one particular area over another. This can and should create and open forum for good ideas leading to energy change.

Find out more about the ECI by going to the webpage:
energy.anu.edu.au

and by reading the Annual Report:
<http://energy.anu.edu.au/files/Final%20%20Annual%20Report%202017.pdf>

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ANU ENERGY
CHANGE INSTITUTE
Professional short courses

About ECI professional short courses

The Energy Change Institute (ECI) offers state-of-the art professional short courses and briefings for government departments and commercial participants. ECI short courses are designed to provide updates on recent advances in energy science and technology, and in the social, policy, economic and governance aspects of energy change for policy makers and professionals.

A typical course comprises a number of sessions presented by leading ANU academics, with each topic presented by an expert in the field. They can be tailored to meet the needs of a specific audience, and can be scheduled over consecutive days or spread over weeks. Alternatively a short briefing session on a specific topic can be arranged.

Pricing is available on application.

Why an ECI professional short course?

- > Learn from globally renowned energy academics from across all seven Colleges of The Australian National University
- > Each professional short course is tailored to meet your specific needs
- > The timing can be scheduled over consecutive days or spread over weeks
- > Panel discussions and/or guided tours of the world-class energy research facilities at ANU
- > Softcopy package of all lecture and training materials.
- > Access to cutting-edge expertise in research areas including:
 - Artificial photosynthesis
 - Carbon capture and storage
 - Energy and security
 - Energy economics and policy
 - Energy efficiency
 - Energy for development
 - Energy regulation and governance
 - Energy sociology and risk
 - Energy storage and recovery
 - Energy-water nexus
 - Enhanced oil and gas extraction
 - Fusion power
 - Nuclear science
 - Renewable fuels
 - Smart grid
 - Solar photovoltaics
 - Solar thermal
 - Sustainable transport
 - Wind energy



Examples of previous short courses

Energy Masterclass commissioned by the Department of Defence, May 2017

The energy sector has undergone severe disruption over the past decade with the uptake in renewable energy and rapid advances in energy efficiency technologies. The one-day Energy Masterclass, tailored primarily for senior personnel from the Department of Defence, outlined the current position of Australia's energy resources and capabilities in the international context. Leading ANU experts also presented updates, including the latest advances in photovoltaics, solar thermal energy, biofuels and energy security.

Three-day short courses for the Australian Public Service

The ECI also delivers more extensive three-day short courses that include a detailed update of technologies, policies and economics underpinning the transformation of energy systems in Australia and worldwide.

These courses were undertaken by industry and government participants from the Department of Defence; the Department of the Environment and Energy; the Department of Industry, Innovation and Science; the Clean Energy Regulator; the Department of Finance; the Department of Transport; the Office of National Assessment; the Treasury; and the Australian Renewable Energy Agency.

“The Energy Change Institute professional short courses fit a genuine need for the Department of Defence. I've seen staff who have been on these courses go on to make better informed decisions based on the knowledge they have learnt. We have been commissioning tailored short courses for three years now and our partnership with the Energy Change Institute continues to flourish.”

**Cheryl Durrant, Director of Preparedness and Mobilisation
Department of Defence**

Professional short courses contact

For more information on ECI professional short courses contact the Convenor:

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