



Australian  
National  
University

## Energy Change Institute (ECI) Open Day 2020

Monday 17 February, 9:00am–1:30pm, followed by  
Women in Energy Meeting and Renewable Energy tours  
Room STB S1, Science Teaching Building,  
136 Linnaeus Way, ANU



Dr Fiona Beck and PhD student Astha Sharma

### **9:00–9:50am State of the Institute** – Professor Ken Baldwin, Director, ECI

- Welcome to participants and stakeholders
- New initiatives
- Research themes
- Education programs: Dr James Prest, Co-convenor Masters of Energy Change (MEnCh)
- Industry Engagement: Dr Igor Skryabin, Business Development Manager
- Outreach and Public Policy: Professor Ken Baldwin, Director, ECI

### **9:50–10.05 am Keynote Presentation**

Andrew (Drew) Clarke AO PSM – Board Chairman, Australian Energy Market Operator (AEMO).

### **10:05–10.30am Keynote Presentation**

(TBC)

### **10:30–11:00am Morning tea**

## **11:00–11:50am External engagement**

*ECI Grand Challenge: Zero-carbon energy for the Asia-Pacific*, Dr Emma Aisbett ECI and School of Regulation and Global Governance (RegNet), CAP

*Evoenergy Hydrogen Test Facility and ActewAGL Hydrogen Vehicle Refuelling Station*, Bruce Hansen, Evoenergy and Ed Gaykema, ActewAGL

*ActewAGL endowment grant finalists presentations*

- *Household energy use changes and their impact on ACT residential electricity demand*, Dr Tom Longden, Grand Challenge Fellow, CAP and Professor Frank Jotzo, Crawford School of Public Policy, CAP
- *Advanced Renewable Gas Research: Integrated Market and Technology Development*, Dr James Prest, Lecturer ANU College of Law and Professor Wojciech Lipinski, Leader, ANU Solar Thermal Group, CECS
- *Maximizing consumer ability to manage electricity demand*, Dr Lee White, Research Fellow, CAP

## **11:50–12:30pm Research Presentations**

Professor Nick Birbilis, Deputy Dean, College of Engineering and Computer Science (CECS)

*Solar Photovoltaics - recent advances in solar cell research*, Dr Hieu Nguyen, Senior Research Fellow, CECS

*Contested Justice: The Politics of Powering Up Last Miles in Eastern Indonesia*, Hilman Fathoni, Master of Energy Change University Medal winner (by video)

*Business Battles in the US Energy Sector: lessons for a clean energy transition*, Dr Christian Downie, DECRA Fellow, School of Regulation and Global Governance (RegNet), CAP.

## **12:30–1:00pm New ECI Members' Research**

*Developing cooperative catalysts for hydrogen storage with liquid organic hydrogen carriers*, Dr Annie Colebatch, Rita Cornforth Fellow, Research School of Chemistry, CoS

*Underlying drivers and barriers for recent solar PV boom in Vietnam*, Dr Thang Do, Research Fellow with the Grand Challenge, CAP

*Beyond technical fixes: Climate finance and energy transitions in Indonesia*, Dr Abidah Setyowati, Research Fellow, School of Regulation and Global Governance (RegNet), CAP

Dr Juan Felipe Torres Alvarez, Research Fellow, CECS

## **1:00–1:30pm Lunch**

## **1.30-2.30pm Women in Energy Meeting (Marnie Shaw, convenor)**

(TBC)

## **1:30–3.30pm ANU Energy Lab Tours (Dr Igor Skryabin)**

- Solar PV
- Hydrogen generation
- Big Dish/Solar thermal
- Nuclear