

The logo for Energy Research Accelerator (ERA) features the letters 'ERA' in a large, white, grid-based font. To the right of 'ERA', the words 'ENERGY', 'RESEARCH', and 'ACCELERATOR' are stacked vertically in a smaller, white, sans-serif font.

ERA ENERGY  
RESEARCH  
ACCELERATOR

ACCELERATE

AUGUST 2017 EDITION

## **ERA in spotlight as government launches Faraday Challenge**

Two government ministers visited ERA projects in Birmingham and Nottingham recently to mark a £246m initiative to develop new battery technologies.

## Energy storage innovation

Greg Clark, Minister of State for Business Energy and Industrial Strategy announced the '[Faraday Challenge](#)' at the University of Birmingham. Afterwards he visited the energy storage labs at the Birmingham Centre for Energy Storage, where ERA funded research is taking place.



## Creative Energy Homes

In the East Midlands, Claire Perry, Minister for Climate Change and Industry came to the University of Nottingham to see the ERA applied research at the Creative Energy Homes.

[Find out more...](#)



PARTNER UPDATES

## Master classes in **Bioenergy** at Aston

The European Bioenergy Research Institute (EBRI) at Aston is launching master classes this autumn, covering the technical and commercial fundamentals of bioenergy and energy systems. Aimed at entrepreneurs and business leaders, the classes take place on 6-7 Sept in Coventry, and 15-16 Nov in Aston. [Book here](#) or watch the [video](#)



## Birmingham's **clean-cold expertise** offers India's farmers sustainable economic growth

Scientists from the Birmingham Energy Institute at the University of Birmingham have published a report which argues that the introduction of clean cold to India's food supply chain will develop infrastructure that will not only allow farmers' income to double, but do so sustainably. [Read more...](#)

## Water conservation research for **sustainable farming** in Africa

Experts from BGS are joining leading specialists from the UK and developing countries to undertake a major Global Challenges Research Fund project on soil, water and the sustainability of crop production. [Read more...](#)

## Leicester researcher developing technique to estimate **biomass and carbon** more efficiently

Measuring carbon in forests and understanding how efficiently carbon is stored is vital in increasing knowledge about the impact of climate change. Tom Potter, a doctoral researcher from the University of Leicester is developing a technique to achieve this. [Read more...](#)

## WMG and Jaguar Land Rover in electrifying **£5.7 million Prosperity Partnership**

WMG at the University of Warwick has been awarded £5.7 million by the Engineering and Physical Sciences Research Council (EPSRC) to form a Prosperity Partnership with Jaguar Land Rover to tackle the emerging challenges for vehicle electrification.

[Read more...](#)



## Tackling **hot houses**

Professor Kevin Lomas from Loughborough University has published research in Building Research and Information which suggests that regulations should be introduced to stop the potential health hazards of building homes that are highly likely to overheat in the summer.

[Read more...](#)

## Navigating a **changing energy landscape**

The Nottingham ETRI lecture series starts on September 7th with Craig Edgar from Atkins Energy discussing how the energy market is changing faster and more profoundly than any time in history. Craig presents his thoughts on the threats, challenges and opportunities this presents. [Book here...](#)

FUNDED PhD OPPORTUNITIES



ERA is sponsoring funded Doctoral Training opportunities in a diverse spectrum of research areas ranging from community energy systems, to batteries, to renewable energy power grids and more.

For more details about the latest PhD opportunities available, or to apply, see the [University of Nottingham](#) and [Warwick University](#) adverts.

FIND OUT MORE ABOUT OUR FUNDED DOCTORAL TRAINING PROGRAMMES

DISCOVER ERA

#### About the Energy Research Accelerator

Funded by Innovate UK, the Energy Research Accelerator works with industry, government and higher education institutes to undertake innovative research, develop the next generation of energy leaders and demonstrate low carbon technologies that help shape the future of the UK's energy landscape.

For more details about our work and our partners, visit [www.era.ac.uk](http://www.era.ac.uk)

# Innovate UK



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