



**TACKLING THE
ENERGY CHALLENGE**



UNIVERSITY OF LEEDS

Our interdisciplinary approach

Research at the University of Leeds is helping to ensure our future will be powered purely by clean, safe, affordable and sustainable energy.

Energy Leeds brings together over 200 researchers from across the University to meet this challenge at every level, from developing new technologies to supporting policy initiatives.

Our engineers are designing fires that can run on new fuels safely and efficiently; they are developing smart monitoring so businesses can reduce their energy usage.

Our environmental scientists are modelling energy demand to help the UK government identify the strategies needed to create a low carbon economy.

Our sociologists are working with families in fuel poverty to help ensure the UK's transition to low carbon energy is fair and just.

Our materials scientists are helping to understand the behaviour of legacy nuclear wastes to help ensure their safe long-term storage.

Our economists are designing innovative schemes to help local government fund alternative energy projects.

The University's major strength is our ability to bring all this expertise together – scientific, technical, environmental, economic, political, societal and behavioural – in a 'whole system' approach that can tackle the big challenges involved in decarbonising the economy.

We work with policy makers from local and national governments, within the UK and beyond, and with industry from SMEs to multinationals.



200 researchers



No.1 in the UK for 'research into clean and affordable energy'
THE Impact Rankings 2020




£50m current research grants

"The University of Leeds has really been pushing the frontiers on this research – we couldn't have done it without them."

James Maxfield, Clean Burner Systems, UK





We play a leading role in major UK energy research collaborations, including:

- The Centre for Research into Energy Demand Solutions (CREDS), where we lead the Materials & Products and Transport & Mobility themes
- The UK Energy Research Centre (UKERC), where we lead the Industrial Decarbonisation & Energy for Mobility themes
- TRANSCEND (Transformative Science and Engineering for Nuclear Decommissioning), a collaborative research consortium of 11 universities and 8 industry partners, which is led by the University.

We also host the £4.3m Centre for Doctoral Training in Bioenergy, funded by the Engineering and Physical Sciences Research Council (EPSRC), which is supporting 50 studentships over five years.

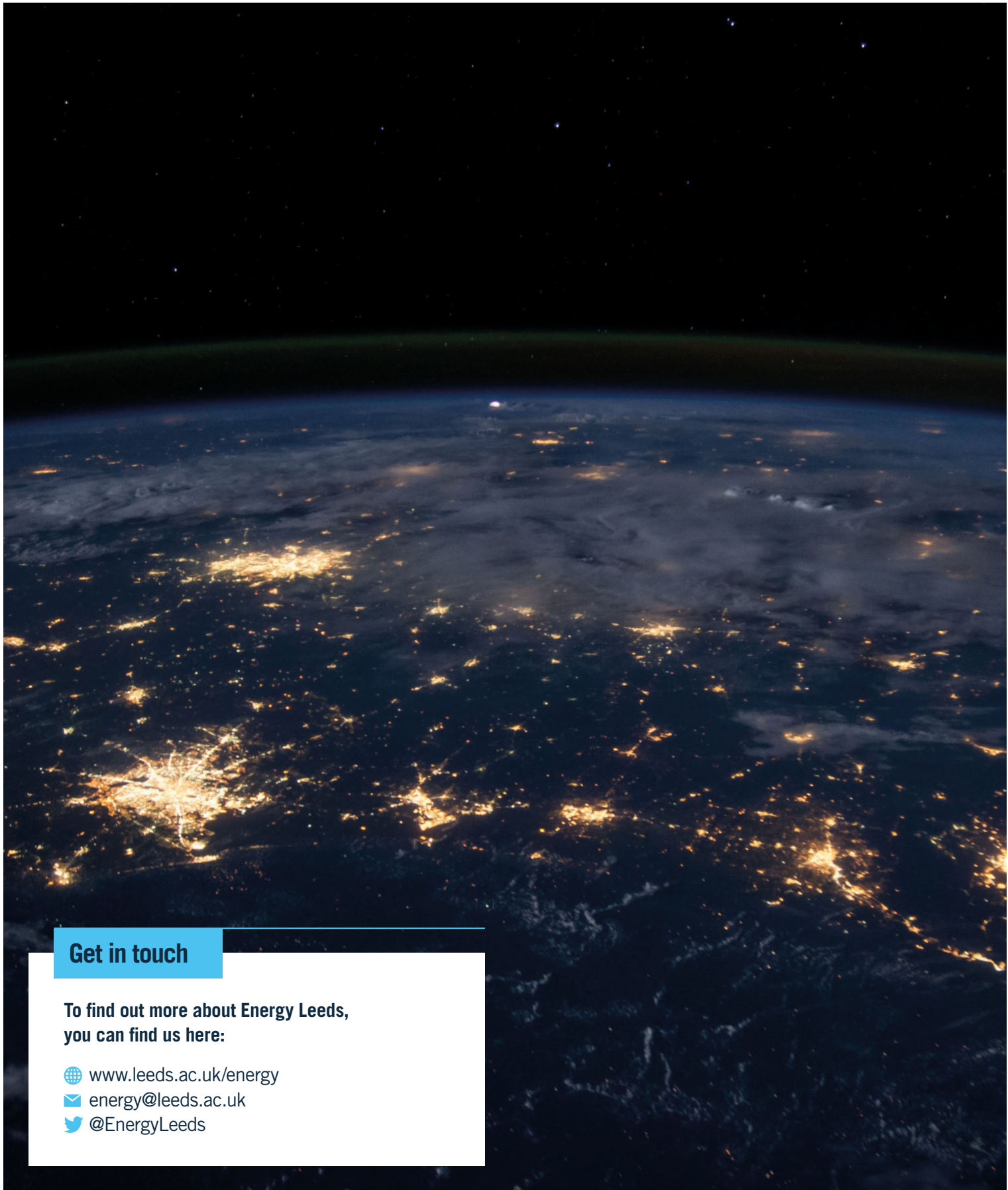
We work with local, national and international partners: from Leeds Climate Commission and Leeds City Council, to the UK Committee on Climate Change and the Scottish Government; and on projects in Uganda, Nepal, Tanzania and Congo-Brazzaville, to India, Indonesia and across Europe.

“The collaboration with the University of Leeds works so well – we design the projects together to produce solid and sustainable outcomes right from the start.”

Mary Suzan Abbo, Managing Director of the Centre for Research in Energy and Energy Conservation, Uganda

“It’s been extremely useful to have University of Leeds expertise to provide external validation, help us pull more insights from the data and strengthen the report overall.”

Dr Nadine Andrews, Team Leader in Housing and Regeneration Research for the Scottish Government



Get in touch

To find out more about Energy Leeds,
you can find us here:

 www.leeds.ac.uk/energy

 energy@leeds.ac.uk

 [@EnergyLeeds](https://twitter.com/EnergyLeeds)



UNIVERSITY OF LEEDS

University of Leeds
Leeds, United Kingdom
LS2 9JT
www.leeds.ac.uk