

2021

ITRC researchers create heatmaps showing where critical infrastructure around the world is at risk from the impacts of climate change, helping governments and international organisations develop informed plans.

2020

The second generation of NISMOD modelling informs pathways to decarbonisation for England's Economic Heartland, the transport body for the region between Swindon, Cambridgeshire, Northamptonshire and Hertfordshire.

2019

The UK's Net Zero 2050 legislation, for reducing carbon emissions, builds on UKERC research that demonstrates to the UK Government that the shift to net zero is technically achievable and could result in positive economic benefits for the country.

2018

The National Infrastructure Commission, publishes its first assessment of the UK's national infrastructure that uses the National Infrastructure System Model (NISMOD) 1, developed by ITRC researchers. It makes recommendations around reducing waste, low-carbon energy and flooding.

2014

After a decade of research into decarbonising energy systems UKERC now focuses on the UK's transition to low-carbon energy sources, and the drivers behind this transition.

2009

UK researchers recognise the need for a system-of-systems approach to modelling and managing national infrastructure, including how to adapt to a changing climate. With EPSRC funding in 2011, they establish the Infrastructure Transitions Research Consortium (ITRC).

2004

EPSRC, NERC and ESRC support the UK Energy Research Centre (UKERC); a consortium of researchers aiming to understand what a decarbonised energy system would look like.

2002

A Government report recommends establishing a UK energy research centre to address key questions in energy research, bringing together academia, industry and policy makers.

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