

# Efficient Fossil Energy Technologies EngD Centre



The University of  
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

## Centre Objective

- To produce research leaders to tackle the major national and international challenges over the next 15 years, by introducing new power plants to generate electricity more efficiently while also using fossil fuel energy with near zero emissions.

## Distinguishing Features

- The first year of the four year course is based at the university, completing relevant modules and background research. The subsequent three years are typically based onsite at an industrial sponsor. Annual summer schools take place in countries such as India and China.

## Training Programme

- Designed to ensure that the students are not only thoroughly versed in cutting edge energy research but are also capable of operating in multi-disciplinary teams; and gives them the skillset required to be future leaders in the energy sector

## Industrial Partners

Currently, there are 15 industrial partners who have projects with the Centre.

- Alstom Power
- SSE
- BF2RA
- E.ON
- Tata Steel
- Johnson Matthey
- RWE nPower
- Innospec
- CPL Industries
- National Physical Laboratory
- Energy Technologies Institute
- Air Products
- Clean Coal Limited
- National Oilwell Varco
- Doosan Power Systems

## Overview of Project Areas



**Summer Schools in India and China**

- Dedicated for the development of low carbon technologies
- Custom designed laboratories for biomass and CCS research
- Designed to achieve BREEAM 'outstanding' rating

**'New' Energy Technologies Building**

**Public Engagement Events**

"Nottingham University's Energy Technology Research Institute specifically heads up carbon abatement in fossil energy production from which a world class industrial doctoral centre in clean fossil energy and carbon capture and storage has arisen." **Report of the International Panel for the RCUK Review of Energy 2010**

For further details contact:

**Centre Manager:** Dr. Anup Patel [efet@nottingham.ac.uk](mailto:efet@nottingham.ac.uk)

**AEngD representative :** Tom Bennet [enxtb@nottingham.ac.uk](mailto:enxtb@nottingham.ac.uk)

**Website:** [www.efeted.ac.uk](http://www.efeted.ac.uk)



The University of  
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA



Loughborough  
University

UNIVERSITY OF  
BIRMINGHAM



For a Low Carbon Future