



# UNDERSTANDING THE CLIMATE EMERGENCY BEYOND THE BASICS

A public education series for all those in Nottingham committed to effective action against climate change

## The Potential and Limits of Renewables

### Date

Thursday 27th September 2007

### Time

7.30pm

### Location

**Sustainability Research Building,**

School of the Built Environment, University of Nottingham (See map overleaf)

Renewable energy sources like wind, solar voltaics and solar thermal, micro-hydro, wave and tidal energy, as well as biomass are all alternatives to fossil fuels not involving new greenhouse gas emissions. This meeting will look at how much these technologies can contribute to solving the climate emergency but also what their limits are - for example the energy and financial costs of their introduction measured against their yield. Other problems of renewables - like intermittancy of wind and solar, as well as effects on local environments will also be covered.

Professor David Elliott will cover the national picture while Jerome Baddley of the Nottingham Energy Partnership will present a view of the potential in Nottingham.

### Project visit

Before the meeting starts there will be an opportunity to see two ecological building projects at the School of the Built Environment. If interested meet outside the Sustainable Research Building underneath the covered entrance at 6.30pm. See map overleaf.

### SPEAKERS

#### Dr David Elliott

Professor of Technology Policy and Co-director of the Energy and Environment Research Unit, Open University.

#### Jerome Baddley

Nottingham Energy Partnership.

### CHAIR

#### Anne Goodwin

Senior Public Health Manager, Department of Health, East Midlands

### Travel

The NCT no.35 and 36 buses from the city centre stop by the North Entrance of the University, and the Trent no. 5 stops across the road on Clifton Boulevard.

See map overleaf



This lecture is organised by Health in Your Environment with the support of Climate Action Network Nottinghamshire, Nottingham City Council and Greater Nottingham Health and Environment Partnership



Nottingham  
City Council

Further information and future programme can be found on [www.hiye.org.uk/climatechange](http://www.hiye.org.uk/climatechange)  
See overleaf for booking details



'Nottingham City Council is delighted to be supporting this lecture series as part of our ongoing Respect for the Climate debate and our efforts to accelerate Nottingham's progress towards becoming a low carbon, sustainable city.'



# Future Event

## Land Use, Forestry and Carbon Sinks

Tuesday 30th October at 7.30pm

Venue: County Hall, West Bridgford

### Speaker

**Professor David S Powlson**

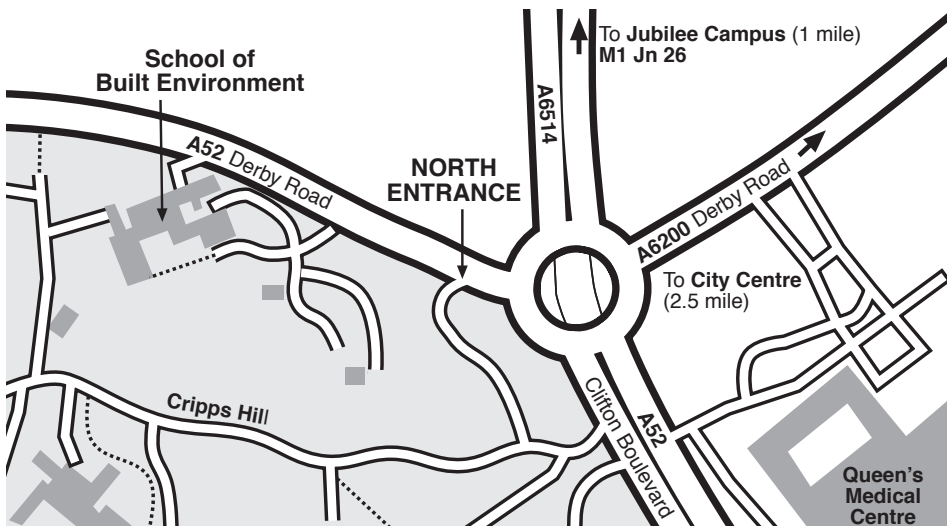
Lawes Trust Senior Fellow, Department of Soil Science, Rothamsted Research

### Local Speaker to be arranged

The earth's vegetation and soils contain more carbon than contained in all remaining oil stocks and more than double the amount of carbon currently accumulated in the atmosphere. This is why land use change is a major source of the climate crisis. Perhaps 18% of GHG emissions are from deforestation - greater than from the whole of the global transport sector.

Professor Powlson will introduce the range of issues in this complex and little known topic drawing out the land management and policy implications.

## Map showing venue of The Potential and Limits of Renewables Meeting, at Sustainability Research Building, School of the Built Environment, University of Nottingham (North Entrance of the University)



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## Booking Arrangements for 27th September

Booking is free of charge, but we recommend that you book your place in advance to be sure of a seat.

To book please contact Lisa Cooper:  
lisa.cooper@nottinghamcity.gov.uk  
Phone: 0115 915 5079

The room at the Sustainability Research Building, School of the Built Environment will be open from 7.00 for tea and coffee.

The organisers of this series encourage you to walk, cycle or take public transport to these meetings. If you must drive - give other people a lift!