

#### EEESTA - Herts & Beds Sub-Group

This Sub-Group of EEESTA was formed over three years ago by local members of the Professional Engineering Institutions to represent the engineering profession in these counties. Other key local organisations such as the University of Hertfordshire and Business Link Hertfordshire have given the group active support.

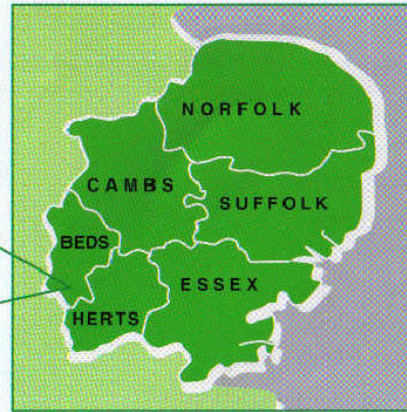
The main focus of the group's activities is to promote the Engineering, Science and Technology Professions to the community at large by staging an annual major event in November.

"ENERGY AND RESOURCES IN THE 21<sup>ST</sup> CENTURY" is the third of these events where eminent speakers, experts in their field, will debate the issues with a large and varied audience.

This event builds on the enormous success of the previous two. Preparations for next year's event are now well under way and further active participants, contributors and sponsors are being sought.

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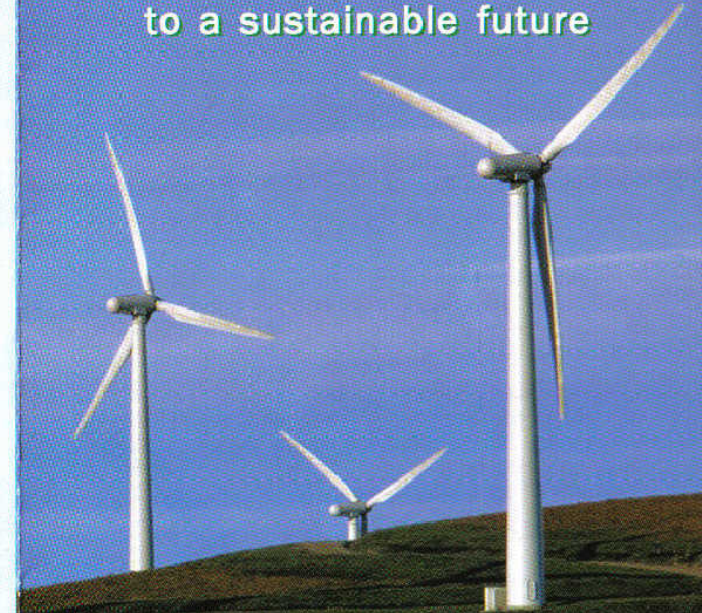
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## Energy and Resources in the 21<sup>st</sup> Century

Our roles in contributing  
to a sustainable future



an evening seminar on  
Wednesday 7<sup>th</sup> November 2001  
6.00pm to 9.30pm  
at  
The Lindop Suite  
University of Hertfordshire, Hatfield

cpe

campaign to promote engineering  
[www.engineering.org.uk](http://www.engineering.org.uk)

engineering council



EEESTA

## Introduction

The term 'Sustainable Development' in relation to world resources appears as part of our daily vocabulary, but what does it actually mean? How close are we to a balance between a healthy environment, a satisfied society and prosperity? What contribution can Engineers make towards achieving the sustainability goal? How can we achieve a step improvement change in the way in which we use resources?

Our first speaker, **Sara Parkin** will address these questions and give an insight to the need to balance the energy and raw material needs of industry with factors such as labour supply.

**Dr Malcolm Kennedy** will review sustainability from the Electricity Supply Industry perspective. He will examine not only the impact of Environmental laws on the choice of fuels, renewables and emissions but also how the structure of the industry could affect efficiency and how that could be impacted by political agendas and regulation.

### Sara Parkin

Sara Parkin is a founding Programme Director of Forum for the Future, a leading UK charity that seeks to accelerate the building of a sustainable society through a positive, solutions-orientated approach.

She is 54, married with two sons, hails from the Island of Islay in Scotland, but lives and works in Hackney, London. Originally a Ward Sister in Edinburgh, she has been an independent campaigner, writer and broadcaster on environmental and sustainable development issues for over 30 years.

Currently she chairs the Real World Coalition of around 30 UK organisations campaigning on the sustainability agenda, is an advisor to the Engineering Council, and a Trustee of Friends of the Earth. She is a Board Member of the Environmental Agency and sits on the DTI/OST Energy and Natural Resources Foresight Panel.

### Dr Malcolm Kennedy CBE

Dr Kennedy was born on Tyneside in 1935. He was apprenticed to CA Parsons & Co. Ltd. He graduated in Electrical Engineering at the University of Durham and subsequently obtained a PhD from the University of Newcastle upon Tyne.

Dr Kennedy initially worked with Merz and McLellan, specialising in the design and realisation of power stations, high voltage transmission and utilisation of electricity. He subsequently became their first Chairman and Managing Director.

He led the Mertz team advising the Department of Energy and the Scottish Office on Technical aspects of the Privatisation of Electricity in the UK, he has been a member of the Electricity Panel of the Monopolies and Mergers Commissions and currently is a Member of the Water and Telecommunications Panels. He also advises the Office of Electricity Regulation (OFFER).

Dr Kennedy is currently Chairman of PB Power Ltd which includes the power businesses of Merz and McLellan and Kennedy & Donkin. He is a Fellow of the Royal Academy of Engineering and in October 1999 he was elected President of the Institution of Electrical Engineers.

The event will be Chaired by Mr John Ingham President, The Institute of Energy, Professor John Senior of the University of Hertfordshire will give the welcoming address and Mr John McDougall Deputy President, Institution of Mechanical Engineers will propose the vote of thanks.

## Sponsors and supporters

"Energy and Resources in the 21st Century" is organised by the Herts and Beds Group of EEEESTA. Grateful thanks and appreciation are paid to principal sponsors and supporters, including:

- University of Hertfordshire
- Campaign to Promote Engineering (CPE)
- Engineering Council
- Industry Affiliate Network - Engineering Council
- East of England Development Agency (EEDA)
- Year in Industry
- Institute of Agricultural Engineers
- Engineering & Marine Training Authority (EMTA)
- Institution of Chemical Engineers
- Institution of Civil Engineers (Chiterns Association)
- Institution of Electrical Engineers, Herts & Beds Area
- Institute of Energy
- Institution of Incorporated Engineers, Eastern Region
- Institute of Marine Engineers
- Institute of Measurement and Control, Herts Area
- Institute of Mechanical Engineers, HQ, Auto Division Luton Centre, North Herts Area, Beds and Cambs area
- Institute of Physics London & South East Branch
- Institute of Quality Assurance
- Royal Aeronautical Society (Stevenage)
- Society of Operations Engineers IPlantE Herts Branch
- Chartered Institution of Water & Environmental Management
- Institution of Water Officers



## The Campaign to Promote Engineering

The objective of the Campaign to Promote Engineering (CPE) is to make the public aware of the important role that engineering plays in the generation of wealth and our quality of life. In doing this CPE supports industry and commerce by publicising engineering as an exciting and rewarding career. CPE is industry led, project based & supported by the Government. It functions through local activity in partnership with local industry and education groups, and through national projects in partnership with major UK companies & organisations. Patrons who operate in this area include: Ford, London Electricity, London Underground, Vauxhall and Marshalls of Cambridge.

## East of England Engineering, Science & Technology Association

The East of England Engineering, Science & Technology Association (EEESTA) is a new organisation, which has grown out of the East of England Professional Engineering Institutions (PEI). EEESTA's objective is to bring together those engineering institutions and other organisations interested and involved in promoting and delivering engineering, science and technology, with those bodies that have links to the schools, colleges and the public at large. EEESTA is in part complementing the East of England Development Agency's (EEDA's) regional Innovation and Technology Strategy. The Association will not provide services that are better provided individually by constituent organisations. EEESTA aims to ensure that funds and effort promoting engineering, science and technology within the region are used as effectively as possible with everyone involved working as a team. Organisations supporting and working with EEESTA include: The Engineering Council, The Science Council, Engineering and Science Institutions, Royal Academy of Engineering, Confederation of British Industry, Engineering Employers' Federation, Campaign to Promote Engineering, Small Business Service/Business Links, Science and Technology Regional Organisations and the Engineering and Marine Training Authority.

## National Science Year

Science Year, commencing September 2001, seeks to broaden the understanding of, and interest in, the impact of all aspects of science, engineering and technology on our lives and focuses primarily on 10-19 year olds, and the adults who influence them.

Science year will be launched at eight venues around the UK. As part of the launch, there will be a national experiment - 'the Giant Jump' which is intended to generate sponsorship to buy cutting-edge school science equipment and involve schools all over the UK. To find out more about the Giant Jump and how to get involved, visit the Science Year website, [www.scienceyear.com](http://www.scienceyear.com)

## The Engineering Council's Industry Affiliate Network

Affiliate members benefit from timely information on major issues which affect engineering and the engineering profession. Affiliates views are used to influence Government, the Media, academia and the wider business community. The programme of events keeps Affiliates informed of industrial and professional issues and provides valuable networking opportunities.

Affiliates also benefit from membership of Special Interest Groups focusing on innovation & technology transfer, human resources and public relations & community projects. These groups consist of key decision-makers and provide targeted information, organise events and can lead to collaborative activities.

Further information can be obtained from the Engineering Council's website: [www.engc.org.uk](http://www.engc.org.uk)