



June 30th 2008

Energy Planning Division,
Department of Communications, Energy and Natural Resources
29-31 Adelaide Road,
Dublin 2

dublin institute of technology
institiúid teicneolaíochta átha cliath

**Dublin Institute of Technology response to the Irish Energy Research Council
'An Energy Research Strategy for Ireland'**

mountjoy square d1
meánóg sráid átha cliath

Firstly I would like to congratulate the Irish Research Council on this timely document formulating a strategic research agenda for Energy Research in Ireland.

bolton street d1
sráid bolton d1

The vision and mission are to be commended and we agree that urgent action and sustained commitment to Energy research is needed.

cathal brughá street d1
sráid cathal brughá d1

The proposed areas highlighted for research (Ocean Energy, Grid/Infrastructure, Energy in Buildings, Energy in Transport and Sustainable Bioenergy) offer great potential and benefit to Ireland. Of those areas highlighted, DIT is active in energy systems modelling and analysis, fundamental frontier and multi-disciplinary research, energy RD&D in research areas including Grid Integration and Infrastructure, Carbon capture and storage, Energy in Buildings, Energy in Transport, Sustainable Energy Technologies and Energy Policy. However, we would like to reiterate the need for an open policy for Energy research in order to allow the investigation of novel areas of high potential for example in solar energy, fuel cell and hydrogen development.

aungier street d2
sráid aungier d2

kevin street d8
sráid kevin d8

We look forward to a coordinated approach to the funding of Energy research. While we welcome the use of existing bodies and current mechanisms to provide this coordination it is essential that there is expert academic input to optimize the potential of these bodies to achieve the objectives of this Energy Research Strategy.

rathmines road d6
sráid rathmines d6

DIT also supports a broader more holistic and sustainable approach to coordinating Energy Research in Ireland. Broadening the scope of R, D & D to address the multiple dimensions of the energy/environment interface would provide an opportunity to actively incorporate environmental externalities. Greater understanding and integration of these externalities can provide greater leverage in shifting energy related markets to more sustainable patterns and development directions, ultimately resulting in competitive advantage.

upper mount street d2
sráid an mórtae iacmarach d2

chatham row d2
sráid chatham d2

In conclusion, DIT would like to thank the Minister for Communications, Energy and Natural Resources and the Irish Energy Research Council for giving the opportunity to respond to this document and we look forward to seeing the implementation of this Energy Research Strategy.

upper pembroke street d2
sráid pemroke uachtarán d2

Sincerely,

portland row d1
sráid portland d1

temple bar d2
sráid an tseamair d2

Professor Brian Norton
President of DIT & Director of the Dublin Energy Lab

grangegorman d7
sráid gearráid ghormán d7