



27 February 2008

## **'Harnessing Power from the Seas'**

### **Trident Energy's Hugh-Peter Kelly to give Sir Eric Eastwood Commemorative Lecture**

Hugh-Peter Kelly, founder and Managing Director of Southend-based Trident Energy ("Trident"), will speak on marine renewable energy and its potential to reduce global warming at the Institution for Engineering and Technology's Sir Eric Eastwood Commemorative Lecture. The lecture will be held on Wednesday, 5 March 2008, 7pm at the Anglia Ruskin University, Chelmsford.

Trident has developed a unique and patented system that converts the power of the sea directly into electricity. The company is currently in the final stages of preparing for the deployment of a fully functional test rig off the Suffolk coast. The year-long sea trial will gather detailed data on the performance of the new technology, demonstrating its robustness under a variety of challenging weather conditions, prior to the design and deployment of the first full-scale commercial rig, producing 1 megawatt of electricity.

Hugh-Peter Kelly, founder and managing director of Trident Energy, said: "I am delighted to present on Trident's technology and the importance of marine renewable energy at the Institution for Engineering and Technology. Using our technology to harness economic electricity from the power of the sea could make an immense contribution to the fight against climate change."

Trident's solution has only one moving part and is the simplest marine renewable energy system in existence. The company has developed the Direct Energy Conversion Method, which uses floats in the sea to capture wave energy. The floats drive linear generators, resulting in the immediate generation of energy.

Unlike most other marine renewable energy systems Trident's technology does not use any hydraulic equipment or air compression in the generation process. This means the equipment is significantly cheaper to construct, install and maintain than more complex alternatives.

For further information please visit the company's website on [www.tridentenergy.co.uk](http://www.tridentenergy.co.uk)

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### **Enquiries**

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