

21 March 2008

## **British wave energy innovation featured in Hollywood star's drive to combat climate change**

### **UK Trident Energy features in Leonardo DiCaprio's new documentary "The 11<sup>th</sup> Hour"**

Southend-based Trident Energy ("Trident") is one of the renewable energy technologies starring in Leonardo DiCaprio's new documentary "The 11<sup>th</sup> Hour" which is due to be released in London's Apollo cinema on 21 March 2008.

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 and an engineer with a track record of successfully commercialising innovative technology, said: "We are thrilled to have been chosen to feature in this film. We are confident that our technology, which offers the potential to harness economic electricity from the power of the sea, has an immense role to play in tackling 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.

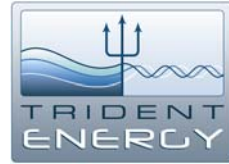
For further information please visit the company's website on [www.tridentenergy.co.uk](http://www.tridentenergy.co.uk)

-ends-

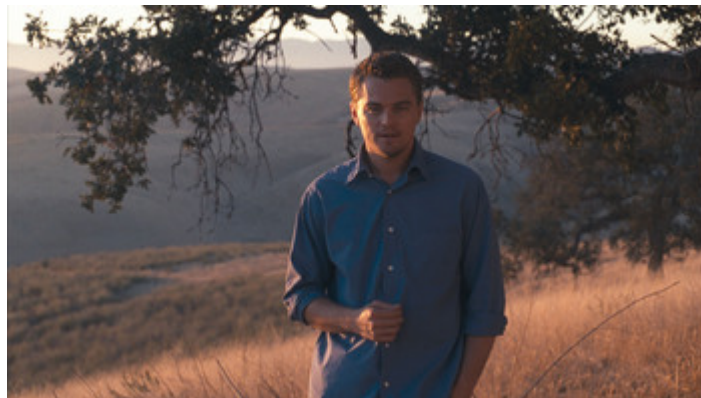
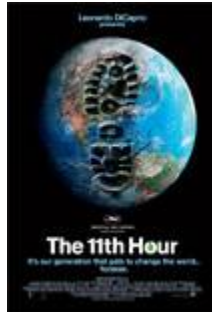
### **Enquiries**

**Gavin Anderson & Company**  
Daniela Stawinoga  
Kate Hill  
Ken Cronin

+44 20 7554 1400



# THE 11<sup>TH</sup> HOUR



Drought. Famine. Severe flooding. Record rainfall. Hurricanes. Acid rain. The highest average temperatures in recorded history. Catastrophe is reported on the nightly news as isolated incidents. But are these incidents isolated, or pieces of a larger global puzzle that could unlock humanity's future?

In the history of the planet, humanity's time on earth has been short but powerful. The human drive to ensure its own survival and quality of life has revolutionized industry, science, nutrition and medicine. But it has also effected unprecedented changes in the delicate balance that makes life on earth possible.

Shaped by oceans and rainforests that generate oxygen, absorb carbon dioxide, govern climate, weather and temperature, the planet earth is under siege. The alchemy of natural greenhouse gases that enables life has been augmented with chemicals from tail pipes and smoke stacks. For every truckload of product produced, many more truckloads of waste are created. The oceans have been flooded with mercury, heavy metals, and toxic chemicals. The forests are disappearing, deserts are widening, the arctic sea ice is melting, the permafrost has begun to crack. The earth has grown warmer. Not since a meteor hit the planet 55 million years ago have so many forms of life gone extinct.



But are these changes to the earth permanent? Or are they puzzle pieces that, if connected, reveal a larger story that needs to be told – a human story that takes into account who we are and the state of our relationship to this planet, our only home. We are in an environmental age whether we like it or not.

Narrated by Leonardo DiCaprio, produced by DiCaprio, Leila Conners Petersen, Chuck Castleberry and Brian Gerber, and written and directed by Leila Conners Petersen and Nadia Conners, *The 11<sup>th</sup> Hour* describes the last moment when change is possible. The film explores how humanity has arrived at this moment – how we live, how we impact the earth's ecosystems, and what we can do to change our course. The film features dialogues with experts from all over the world, including former Soviet Prime Minister Mikhail Gorbachev, renowned scientist Stephen Hawking, former head of the CIA R. James Woolsey and sustainable design experts William McDonough and Bruce Mau in addition to over 50 leading scientists, thinkers and leaders who present the facts and discuss the most important issues that face our planet.

<http://wip.warnerbros.com/11thhour/>