



A spin-out senses green success

A sensor that can withstand extreme environments is being trialled at RWE npower's Didcot B power station to help improve the efficiency of the gas turbines and promote a cleaner environment. The Wave-Phire sensor was developed by Oxsensis, an award winning technology spin-out company based on the Harwell Science and Innovation Campus. It is the world's first commercial temperature and pressure sensor capable of operating at up to 1000 degrees Celsius.

Tackling climate change is a huge issue facing society, as Patrick Cohen of Oxsensis explains: "It will need significant joint efforts by innovative small companies like ours working closely with international players such as RWE npower to bring difficult emissions-saving technologies to commercial reality. Working with the team at the Power Station has enabled us to develop our sensors so that they can help save tens of millions of tonnes of carbon dioxide each year."

Mr Cohen credits Oxsensis' success to "the availability of world-class facilities on the Harwell Science and Innovation Campus and the fundamental pool of knowledge and networking available. Basically we couldn't do it without them."

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