

# ASX Release

15 April 2010

ASX Code: PTR

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**PETRATHERM LIMITED**

**ABN 17 106 806 884**

## **Heliotherm awarded new \$700,000 grant**

Petratherm's Heliotherm project was today awarded a \$700,000 grant by the State Government adding to another \$800,000 Premier's Science and Research Fund grant awarded last year.

The Heliotherm solar thermal technology development project is a 100 per cent owned subsidiary company of Petratherm Limited with an exclusive development agreement with the University of Adelaide.

This innovative project is being pursued with the University's highly regarded Centre for Energy Technology (CET) led by Professor Gus Nathan. It aims to reduce the cost of solar thermal technology by up to 40 per cent through the integration of solar thermal, geothermal and combustion technologies.

Petratherm Managing Director Terry Kallis, a member of the new CET advisory board, said the work involves designing and developing an integrated solar, geothermal and combustion system to achieve high efficiency base load power generation. The key innovation is using an integrated boiler that exploits all of the energy sources in a way to reduce capital costs and achieve a critical breakthrough in cost and efficiency in solar thermal technology.

Petratherm and the University of Adelaide now plan to apply for a further \$5 million grant under the Federal Governments' Australian Solar Institute Program.

The Heliotherm technology, when developed, is expected to have considerable local, national and international market potential. The local South Australian market provides an ideal opportunity to fully test the technology at pilot and demonstration scale in the longer term.

Yours faithfully

**Terry Kallis**  
Managing Director

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