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Companies Announcement Office
ASX Ltd
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Investee Company Developments

BPH Energy Ltd (**ASX:BPH**) is pleased to provide the following advice regarding the recent progress made by its investee entities. These entities include:

- Advent Energy Ltd (Advent) and its 100% owned EP386 and RL1 permits in the onshore Bonaparte Basin, and PEP11 (85%) in the offshore Sydney Basin.
- Cortical Dynamics Limited and its Brain Anaesthesia Response (BAR) monitor.
- Molecular Discovery Systems Ltd

Cortical Dynamics Limited

Cortical Dynamics ("Cortical") is progressing the BAR monitor toward regulatory approval in Australia and Europe. In 2013 Cortical lodged an application for Conformity Assessment Certification with the Australian therapeutics and goods administration (TGA), a review which comprises of an on-site audit of a company's manufacturing facility in addition to the examination of the device's clinical evidence.

The on-site audit showed Cortical to satisfactorily comply with the manufacturing standard established under the Therapeutic Goods Act 1989. Satisfactorily complying with the TGA on-site audit validates Cortical's Quality Management System to a standard that is recognised for the design, development and manufacturing of safe medical devices.

Late last year Cortical voluntarily withdrew its Conformity Assessment application after receiving feedback from the TGA. Cortical is currently in the process of refining its application to better reflect the Essential Principles of the TGA. Cortical intends to re-submit an amended application by the end of Q1 2015. TGA certification will allow Cortical to market the BAR monitor within Australia.

Cortical has re-located its manufacturing and research facility to the STC incubator in Scoresby Victoria. The re-location to the STC - a facility designed to promote commercialisation and entrepreneurship around next-generation innovation - will provide the network and support to further advance the development and commercialisation of the BAR monitor.

Molecular Discovery Systems Limited

MDS continues to work with the Harry Perkins Institute of Medical Research (“Perkins Institute”) to develop and validate the HLS5 gene as a tumour suppressor.

Advent Energy Ltd (Bonaparte Basin Project)

Beach Energy have released results from the drilling of their Cullen-1 well in the Bonaparte Basin in the area adjacent to Advent’s Bonaparte areas. The Beach Energy report described encouraging gas and oil shows, 1600 metres of over-pressured marine shales, and 1000 metres of fractured platform carbonates with elevated gas shows. Beach Energy disclosed that extended production testing is required to assess the potential from Cullen-1.

During 2014 Advent continued with commercial discussions, planning and engineering evaluation for development of its gas resources in EP386 and RL1. It signed a letter of intent for gas supply and has continued discussions on the framework of potential gas off-take agreements. In addition Advent has evaluated the optimum production process of CNG and LNG delivery of gas to mine sites and other potential customers.

The current rapid development of the Kununurra region in northern Western Australia, including the Ord River Irrigation Area phase 2, the township of Kununurra, and numerous regional resource projects provides an exceptional opportunity for Advent to potentially develop its nearby gas resources.

Advent is in an exceptional position to potentially satisfy this growing regional demand where it remains the operator and 100% owner of key petroleum permits in this region.

The prospectivity of the Bonaparte Basin is evident from the known oil and gas fields in both the offshore and onshore portions of the basin. Advent’s onshore EP 3856 and RL1 contain many large structures with conventional reservoir gas discoveries.

Advent has identified significant shale areas in EP 386 and RL1 and is continuing to assess these resources. Advent has calculated a 9.8 Tcf prospective resource (best estimate) for the shale gas areas of the Bonaparte permits EP 386 and RL1. The low estimate is 1.9 Tcf and the high estimate is 25.4 Tcf prospective resources.

Advent has recently made an application for a suspension and extension for a twelve month period on its permit obligations in EP 386 to the W.A. Department of Mines & Petroleum.

Advent Energy Ltd (PEP 11 – Update)

Advent has commenced preparation of an Environment Plan for a seismic survey within PEP 11. This survey is intended to refine the existing multi-Tcf structural targets present in the offshore Sydney Basin for future drilling. If successful, and gas is discovered in the future as a consequence of these activities, the economic benefits for NSW gas and electricity consumers could be significant.

Advent Energy Ltd Funding and Off-Take Discussions

The group is continually seeking and reviewing potential sources of both equity and debt funding. Advent is continuing negotiations with a number of parties on the terms of investment. Advent is also in discussion with several parties regarding potential future LNG off-take agreements for its gas.

There is no certainty at this stage that those discussions will result in further funding or off-take agreements being concluded.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'D. Breeze'.

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