

# ASX ANNOUNCEMENT

URANIUM EQUITIES LIMITED ACN 009 799 553

28 February 2012



**URANIUM**  
EQUITIES

The Company Announcement Officer  
Australian Securities Exchange Ltd  
via electronic lodgement

## Option to acquire additional interest in the PhosEnergy Process extended

Uranium Equities Limited (ASX: **UEQ**) advises that its option to acquire an additional 3 per cent interest in the PhosEnergy Process from its Strategic Alliance partner, Cameco Corporation ("Cameco"), has been extended to 27 March 2012.

Upon exercise, UEQ will hold 30 per cent of the rights to the PhosEnergy Process, with the balance held by Cameco.

Bryn Jones  
Managing Director

### **The PhosEnergy Process**

Through USA-registered Urtek LLC ("Urtek"), Uranium Equities is developing a new technology for the extraction of uranium from the phosphoric acid streams which result from the production of phosphate-based fertilisers – "the PhosEnergy Process".

The leading global uranium company Cameco Corporation is funding the ongoing development and commercialisation of the PhosEnergy Process through a staged investment of up to US\$16.5 million. If Cameco earns its interest it has agreed to provide funding for a minimum of 50 per cent of UEQ's portion of capital expenditure, under terms to be agreed, for the construction of the first commercial plant, repayable out of earnings.

UEQ estimates the cash operating cost of uranium production employing the PhosEnergy Process to be US\$20 to US\$25 per pound of U<sub>3</sub>O<sub>8</sub>. This cost estimate is based on a 1 million tonne per annum P<sub>2</sub>O<sub>5</sub> phosphate production facility operating in the USA and incorporates a significant contingency of 40 per cent.

### Our Strengths

- PhosEnergy Process – Low cost by-product uranium recovery
- Nabarlek Project – A highly endowed uranium region
- Multiple near term growth opportunities

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