



Legend International Holdings, Inc.  
ABN 82 120 855 352  
Level 8, 580 St Kilda Road  
Melbourne Victoria 3004  
Australia  
PO Box 6315, St Kilda Road Central  
Melbourne Victoria 8008  
Australia  
T +61 3 8532 2866  
F +61 3 8532 2805  
info@lgdi.net  
www.lgdi.net

## PRESS RELEASE

### LEGEND INTERNATIONAL HOLDINGS INC ANNOUNCES PROJECT UPDATE FOR THE PARADISE PHOSPHATE PROJECT

**Melbourne Australia – October 4, 2010 – Legend International Holdings, Inc (OTCBB: LGDI)** announces an update for its Paradise Phosphate Project in Queensland, Australia.

#### Highlights:

- Legend has been progressing discussions with potential equity partners, including Wengfu, to achieve and finalize a suitable financing strategy for the project.
- Legend has recently reported the positive and robust results from the Paradise Feasibility Study (see press release dated July 23, 2010). The study estimated the project will generate revenue of over US\$11 billion over 30 years and has a pre-tax IRR of 25.5%.
- Legend and Wengfu are currently working on an expanded production scenario in a Feasibility Expansion Study which is assessing the feasibility of 1.2Mtpa DAP/MAP production. This study includes preliminary designs for a 1Mtpa, increasing to 2Mtpa phosphate rock flotation beneficiation plant. Initial estimates are positive with a high likelihood that project profitability will be significantly increased as compared to the base case study previously reported.
- Legend is currently working on the estimation of further compliant Ore Reserves for the Paradise Phosphate Project due for completion by end of 2010. The targeted Ore Reserves will be sufficient for the entire mine life for both the base case and expanded production scenario.
- Legend has decided to combine the results of the recent Paradise Feasibility Study, the current and ongoing work of the Feasibility Expansion Study and the Paradise Ore Reserve estimates into one encompassing Definitive or Bankable Feasibility Study (DFS).
- Parts of the DFS will be used as a basis for EPC tendering documents for the engineering, procurement and construction of the Mt Isa Fertilizer Complex and the Paradise South Flotation Beneficiation Plant.
- The DFS will report estimates of Ore Reserves and capital and operating costs for the expanded production scenario of 1.2Mtpa of DAP/MAP and 30Ktpa of  $\text{AlF}_3$  upon completion in early Q1,2011.

Legend recently released the results of its positive Paradise Feasibility Study for its 100% owned Paradise Phosphate Project in Queensland, Australia (see press release dated July 23, 2010 on Legend's website [www.lgdi.net](http://www.lgdi.net)). The press release covered the development scenario of producing 600,000 tonnes per

annum (600Ktpa) of Diammonium Phosphate/Monoammonium Phosphate (DAP/MAP) and 15Ktpa of Aluminum Fluoride (AlF<sub>3</sub>). The project has been estimated to generate revenue of over US\$11 billion over 30 years and has a pre-tax IRR of 25.5%.

Since the completion of this study, Legend, in conjunction with Wengfu Group of China has been working on a Feasibility Expansion Study (FES) to assess the feasibility of increasing production to 1.2 million tonnes per annum (1.2Mtpa) of DAP/MAP and 30Ktpa of AlF<sub>3</sub>. The FES includes preliminary designs for a 1Mtpa, increasing to 2Mtpa, phosphate rock flotation beneficiation plant to be built at Paradise South. Initial results are positive with a high likelihood that project profitability will be significantly increased as compared to the base case scenario previously reported.

Legend is concurrently working on estimating further compliant Ore Reserves for the Paradise Project. The Ore Reserve estimates are due for completion by the end of 2010 and are targeting reserve tonnages of beneficiated phosphate rock concentrate between 32-34% P<sub>2</sub>O<sub>5</sub> to feed a 600Ktpa DAP/MAP plant for approximately 60 years or a 1.2Mtpa DAP/MAP plant for approximately 30 years.

Legend has been progressing discussions with potential equity partners, including Wengfu, to achieve and finalize a suitable financing strategy for the project. A number of interested parties are negotiating with Legend and are further investigating the project and the structure of a potential deal. Resulting from these various discussions and advice from financial advisors Legend management has decided to extend the scope of the current FES to include the Ore Reserve estimates.

Results from the initial Paradise Feasibility Study completed in Q2, 2010, the current and ongoing FES work and the Paradise Ore Reserve estimates will be combined into one encompassing Definitive Feasibility Study (DFS) which will be sufficient as a Bankable Feasibility Study. The DFS results will be reported to the market upon completion which is expected early in Q1, 2011. Parts of the DFS will also form the basis of EPC tender documents which will go out to selected companies who have the capability to complete the engineering, procurement and construction of the Mt. Isa Fertilizer Complex and the Paradise South Flotation Beneficiation Plant. Reporting of estimates, either for Ore Reserves or capital and operating costs for the expanded production scenario of 1.2 Mtpa DAP/MAP and 30 Ktpa of AlF<sub>3</sub> will therefore be deferred until completion of the DFS in early Q1,2011.

Legend management believes that the compilation of the DFS document will allow potential investors, equity partners or financiers to have a complete understanding of all aspects of the project including the expanded production scenario which is expected to fully maximise shareholder returns. The DFS will outline all technical, financial, logistical and marketing aspects of the expanded project and will give current and future shareholders a detailed overview of the feasibility and maximum profitability of the project. The study will be an in depth analysis of the following subjects:

1. GEOLOGY
2. ORE RESERVES
3. MINING
4. METALLURGY
5. PROCESS PLANTS
6. INFRASTRUCTURE
7. UTILITIES
8. ENVIRONMENT
9. LOGISTICS
10. MARKETING
11. CAPEX
12. OPEX
13. RISK & SENSITIVITY ANALYSIS
14. PROJECT IMPLEMENTATION

## **Forward-Looking Statements**

Forward-looking statements in this press release are made pursuant to the “safe harbour” provisions of the Private Securities Litigation Reform Act of 1995. Investors are cautioned that such forward-looking statements involve risks and uncertainties including, without limitation, the risks of exploration and development stage projects, risks associated with environmental and other regulatory matters, mining risks and competition and the volatility of mineral prices. Actual results and timetables could vary significantly. Additional information about these and other factors that could affect the Company’s business is set forth in the Company’s fiscal 2009 Annual Report on Form 10-K and other filings with the Securities and Exchange Commission.

For further information, please contact:

Mr. Joseph Gutnick  
Chief Executive Officer  
**Legend International Holdings, Inc.**  
Tel: +011 613 8532 2866  
Fax: +011 613 8532 2805  
E-mail: [josephg@axisc.com.au](mailto:josephg@axisc.com.au)

*General Manager Business  
New York Office*  
**Legend International Holdings, Inc.**  
Tel: (212) 223 0018  
Fax: (212) 223 1169  
E-mail: [legendinfo@axisc.com.au](mailto:legendinfo@axisc.com.au)