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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): [insert date]**

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**LEGEND INTERNATIONAL HOLDINGS, INC**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-32551**  
(Commission  
File Number)

**23-3067904**  
(I.R.S. Employer  
Identification No.)

**Level 8, 580 St Kilda Road, Melbourne, Victoria Australia 3004**  
(Address of Principal Executive Office) (Zip Code)

**61-3-8532-2866**  
(Registrant's telephone number, including area code)

**N/A**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01: Other Events**

On April 16, 2008, the Company issued the attached press release in relation to a phosphate project scoping study prepared by British Sulphur Consultants (CRU International) on its phosphate projects in Queensland, Australia.

**Item 9.01: Financial Statement and Exhibits**

99.1: Press Release dated April 16, 2008

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

LEGEND INTERNATIONAL HOLDINGS, INC.  
(Company)

By:

A handwritten signature in black ink, appearing to read "Peter Lee", written in a cursive style.

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Peter Lee  
Secretary

Dated: April 18, 2008

## **INDEX TO EXHIBITS**

99.1: Press Release dated April 16, 2008

Legend International Holdings, Inc.

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## PRESS RELEASE FOR IMMEDIATE RELEASE

### LEGEND INTERNATIONAL HOLDINGS RELEASES PHOSPHATE PROJECT SCOPING STUDY BY INTERNATIONAL GROUP BRITISH SULPHUR (CRU INTERNATIONAL)

Melbourne Australia – April 16, 2008 - Legend International Holdings, Inc (OTC-BB: LGDI) (a Delaware Corporation) with phosphate projects in the State of Queensland, Australia, releases the results of the phosphate rock preliminary scoping study on its phosphate projects in Queensland conducted by British Sulphur, a division of CRU International.

British Sulphur have prepared initial project capital and operating costs assuming sale prices for phosphate of US\$100 per tonne fob, US\$200 per tonne fob, US\$300 per tonne fob and US\$400 per tonne fob. In March 2008, sales of Moroccan product at US\$400 per tonne fob Morocco have been recorded.

The report sets out the following gross earnings estimates (US\$ millions) for the project:

	Current price case fob US\$400/t rock	Base case fob US\$200/t rock	High case fob US\$300/t rock	Worst case fob US\$100/t rock
Capital Cost <sup>(1)</sup>	826.6	826.6	826.6	826.6
Annual Revenue	2,000.0	1,000.0	1,500.0	500.0
Annual Costs	298.4	298.4	298.4	298.4
Annual Gross Earnings	1,701.7	701.7	1,201.7	201.7

(1) capital costs include a 15% contingency.

Legend International Holdings has historically defined phosphate deposits of 1,463 million tonnes at 16% P2O5 on its Queensland land holdings. British Sulphur has completed the preliminary scoping study based on the following:

- a 10 million tonne per year phosphate rock mine site
- a beneficiation plant generating 5 million tonne per year phosphate rock concentrate
- a 300 kilometre slurry pipeline from Lady Annie to the Port of Karumba

- the development of a drying facility, plus loading and berthing areas at the Port of Karumba
- barge transfers from shallow draught barges out to larger vessels moored off the coast in the Karumba Roadstead waters ready to ship product to Asia.

A copy of the Scoping Study is contained on our website at [www.lgdi.net](http://www.lgdi.net).

The Company will be commencing the revalidation of historical deposit estimates by drilling a number of twin holes across representative samples throughout the deposit zone, revalidating the metallurgical testwork by sending bench and pilot plant scale samples to an independent external engineering company to develop a flow sheet and final plant design, and conducting a full technical feasibility study and environmental impact statement.

### **About British Sulphur**

The British Sulphur Consultants Division of CRU Group has been the leading business consultancy in the fertilizer and inorganic chemical sector for over 50 years. British Sulphur was the first supplier of information to the fertilizer industry, and remains the largest provider of services to the industry.

### **About Legend International Holdings Inc**

Legend International Holdings, Inc (OTC-BB: LGDI) is a mining and agriculture resource development company. The Company is principally focussed on developing its phosphate deposits in the Georgina basin of Queensland, Australia. The Company's exploration licences include approximately 5.2 million acres in Queensland and the Northern Territory, Australia. For further information please visit our website at [www.lgdi.net](http://www.lgdi.net).

For further information, please contact:

Mr. Joseph Gutnick  
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**Legend International Holdings Inc**  
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or our New York office on (212) 223 0018 (email [legendinfo@axisc.com.au](mailto:legendinfo@axisc.com.au))

### **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 2007 Annual Report on Form 10-K and other filings with the Securities and Exchange Commission.