SMG Indium Resources Ltd. Form S-1 April 26, 2012

As filed with the Securities and Exchange Commission on April 26, 2012

File No:

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

FORM S-1

### **REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

#### SMG INDIUM RESOURCES LTD.

(Exact Name of Registrant as Specified in Its Charter)

Delaware 1090 51-0662991 (State or Other Jurisdiction of (Primary Standard Industrial (I.R.S. Employer Incorporation or Organization) Classification Code Number) Identification Number)

**100 Park Avenue** New York, New York 10017 (212) 984-0635

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Alan Benjamin, CEO **100 Park Avenue** New York, New York 10017 (212) 984-0635

(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent for Service)

Copies to:

Barry I. Grossman, Esq. David Selengut, Esq. Ellenoff Grossman & Schole LLP 150 East 42 <sup>nd</sup> Street New York, New York 10017 (212) 370-1300 (212) 370-7889 — Facsimile

Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of the registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box. x

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering."

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company:

|                           |                     | Non-accelerated filer "    |                             |
|---------------------------|---------------------|----------------------------|-----------------------------|
| Large accelerated filer " | Accelerated filer " | (Do not check if a smaller | Smaller reporting company x |
|                           |                     | reporting company)         |                             |

### CALCULATION OF REGISTRATION FEE

| Title of Each Class of Securities to Be<br>Registered                                       | Amount to Be<br>Registered (1)          | Proposed<br>Maximum<br>Offering<br>Price<br>per Share | Proposed Maximum<br>Aggregate<br>Offering Price | Amount of<br>Registration Fee      |
|---|---|---|---|------------------------------------|
| Common Stock Par Value \$.001 Per Share<br>Common Stock Par Value \$.001 Per Share<br>Total | , | (3) \$ 3.055  | ) \$ 6,110,000<br>) \$ (4<br>\$ 6,110,000       | \$ 700.21<br>) \$ (4)<br>\$ 700.21 |

In addition to the shares set forth in the table, pursuant to Rule 416 under the Securities Act of 1933, as amended, (1) the number of shares of common stock registered hereby shall include an indeterminate number of additional shares of common stock that may be issuable as a result of anti-dilution adjustments.

(2) Represents shares of common stock sold and issued to investors in a private placement for a total of 2,000,000 shares.

Estimated solely for the purpose of computing the amount of registration fee pursuant to Rule 457(c) under the (3) Securities Act of 1933, as amended, based on the average of the high and low sales prices reported for shares of common stock of the Registrant, as of April 20, 2012 of \$3.055, as reported on the OTC Bulletin Board.

Represents shares of common stock issuable upon the exercise of 6,998,101 warrants registered and sold in(4) connection with the Registrant's initial public offering in May 2011. These shares were previously included in Registration Statement No. 333-165930, for which all filing fees were previously paid.

The Registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

### **EXPLANATORY NOTE**

This registration statement contains a prospectus to be used in connection with the potential resale by certain selling stockholders of 2,000,000 shares of common stock sold and issued to investors in a private placement offering on January 5, 2012.

On May 5, 2011, the Registrant closed an initial public offering of units, consisting of shares of common stock and warrants to purchase shares of common stock. Pursuant to Rule 429 of the Securities Act of 1933, as amended, the prospectus which is a part of this registration statement is a combined prospectus and includes all of the information currently required in a prospectus relating to 6,998,101 shares of common stock issuable upon exercise of warrants issued in connection with the Registrant's initial public offering, which were included in Registration Statement No. 333-165930. This registration statement also constitutes a Post-Effective Amendment to Registration Statement No. 333-165930.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the Securities and Exchange Commission declares our registration statement effective. This prospectus is not an offer to sell these securities and is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

#### PRELIMINARY PROSPECTUS SUBJECT TO COMPLETION, DATED April 26, 2012

#### SMG INDIUM RESOURCES LTD.

#### 2,000,000 Shares of Common Stock

This prospectus relates to the sale or other disposition of 2,000,000 shares of common stock, par value \$.001 per share, by the existing holders of the securities named in this prospectus, referred to as selling stockholders throughout this prospectus. This prospectus may be used by the selling stockholders named herein to resell, from time to time, any shares of our common stock included herein. For information about the selling stockholders, see the section entitled: "Selling Stockholders" on page 67.

Our common stock is quoted on the OTC Bulletin Board under the symbol "SMGI." The last reported sale price of our common stock as reported on the OTC Bulletin Board on April 20, 2012 was \$3.055 per share.

The selling stockholders may offer their shares of common stock from time to time through public or private transactions, on or off the OTC Bulletin Board at prevailing market prices, at prices related to the prevailing market prices, at fixed prices that may be changed, or at privately negotiated prices. We will not receive any of the proceeds from the sale of the shares of common stock by the selling stockholders, but will receive proceeds related to the exercise of warrants held by the warrant holders. Usual and customary or specifically negotiated brokerage fees or commissions may be paid by the selling stockholders.

The selling stockholders and intermediaries through whom such securities are sold may be deemed "underwriters" within the meaning of the Securities Act of 1933, as amended, with respect to the securities offered hereby, and any profits realized or commissions received may be deemed underwriting compensation. The selling stockholders have informed us that they do not have any agreement or understanding, directly or indirectly, with any person to distribute their common stock.

Brokers or dealers effecting transactions in the shares should confirm the registration of these securities under the securities laws of the states in which transactions occur or the existence of applicable exemptions from such registration.

Investing in our common stock involves a high degree of risk. You should carefully consider the matters discussed under the section entitled "Risk Factors" beginning on page 5 of this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is April 26, 2012.

You should rely only on the information contained in this prospectus. We have not authorized anyone to provide you with information different from or in addition to that contained in this prospectus. Our business, financial conditions, results of operations and prospects may have changed since the date of this prospectus.

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**For investors outside the United States:** We have not done anything that would permit this offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. You are required to inform yourselves about and to observe any restrictions relating to this offering and the distribution of this prospectus.

**Industry and Market Data**: In this prospectus, we rely on and refer to information and statistics regarding our industry. We obtained this statistical, market and other industry data and forecasts from publicly available information. While we believe that the statistical data, market data and other industry data and forecasts are reliable, we have not independently verified the data.

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### PROSPECTUS SUMMARY

This summary highlights certain information appearing elsewhere in this prospectus. As this is a summary, it does not contain all of the information that you should consider in making an investment decision. You should read the entire prospectus carefully, including the information under "Risk Factors" and our financial statements and the related notes included in this prospectus, before investing. We are not making an offer of these securities in any jurisdiction where the offer is not permitted.

Unless otherwise stated in this prospectus:

references to "we," "us" or "our company" refer to SMG Indium Resources Ltd.;

the term "Manager" refers to Specialty Metals Group Advisors LLC;

the term "Management Services Agreement" ("MSA") refers to that certain Amended and Restated Management Services Agreement entered into between us and the Manager, dated as of May 10, 2011, regarding the management of our company, filed as Exhibit to Amendment No. 5 to Form S-1 on March 10, 2011;

the term "2009 Private Placement" refers to a private placement, which closed on January 8, 2010, in which we sold an aggregate of 1,163,600 units to 61 accredited investors, each unit consisting of (i) one share of Class A common stock, par value \$.001 per share, and (ii) one warrant to purchase one share of common stock at an exercise price of \$5.75 per share, for net proceeds of approximately \$5.6 million. Under the terms of the 2009 Private Placement, upon consummation of the initial public offering, the Class A common stock automatically converted into 1,635,551 shares of our common stock and we issued 471,951 additional warrants to such investors;

the term "2012 Private Placement" refers to a private placement, which closed on January 5, 2012, in which we sold an aggregate of 2,000,000 shares of common stock to 2 accredited investors, for net proceeds of approximately \$7.5 million: and

the term NMV refers to our net market value, as defined in the MSA, determined by multiplying the number of kilograms of our indium holdings by the last spot price for indium published by Metal Bulletin PLC posted on Bloomberg L.P., plus cash and any other assets, less any and all of our outstanding payables, indebtedness and any other liabilities.

#### Overview

We are a corporation established pursuant to the laws of Delaware on January 7, 2008. On April 2, 2008, we changed our name from Specialty Metals Group Indium Corp. to SMG Indium Resources Ltd. We operate a single-segment business whose primary business purpose is to purchase and stockpile indium, a specialty metal that is being increasingly used as a raw material in a wide variety of consumer electronics manufacturing applications. Effective with the quarter ended June 30, 2011 we are considered an operating company and are no longer considered a development stage company.

We were formed to purchase and stockpile the metal indium. Our strategy is to achieve long-term appreciation in the value of our indium stockpile, and not to actively speculate with regard to short-term fluctuations in indium prices. We plan to achieve long-term appreciation in the value of our indium stockpile primarily through price appreciation of the physical metal. Although the price of indium has declined substantially from its high in March 2005, it is our belief that the long-term industry prospects for indium are attractive and over time the price of the metal will appreciate. Price appreciation of the metal indium held in our stockpile is critical for us to maintain our NMV and for investors to receive a return on their investment. However, there is no assurance that the price of indium or the value of our securities will increase over time. To our knowledge, this is currently the only investment that allows potential stockholders to participate in the price appreciation of indium other than physical delivery of the metal itself. Our structure provides a simple and efficient mechanism by which a public stockholder may benefit from the appreciation in the price of indium, if any. Our stockholders have the ability to effectively purchase an interest in indium in a manner that does not directly include the risks associated with ownership of companies that explore for, mine and process indium. Our common shares represent an indirect interest in the physical indium we own.

All of the indium we purchase and own is, and will be, insured and physically stored in reputable, adequately capitalized and insured third-party warehouses or storage facilities located in the United States, Canada, the Netherlands and/or the United Kingdom. These third party facilities provide storage and safeguard of our indium inventory, insurance, handle the transfer of our indium inventory in and out of the facility, visual inspections, spot checks, facilitate independent third-party random assays, confirmation of deliveries to supplier packing lists, and reporting of transfers of inventory to us.

We utilize and expect to continue to utilize facilities that meet our requirements that are either (i) located closest in proximity to our indium suppliers in order to reduce transportation fees or (ii) facilities located closest in proximity to our corporate headquarters or satellite offices in order to facilitate our ability to inspect our inventory and reduce future corporate expenses associated with travel. We believe there are numerous third-party storage facilities that provide more than adequate services that meet our criteria, which eliminates the need for hiring a custodian. From inception until March 31, 2012, our Manager, Specialty Metals Group Advisors LLC, which is a related party, purchased on our behalf approximately 39.5 metric tons ("mt") of indium, which is currently stored in an insured, secure facility in New York owned and operated by Brink's Global Services U.S.A., Inc. ("Brink's"), a bonded warehouse. In addition, as of March 31, 2012, we have agreements to purchase approximately 3.0 mt of indium at an average price of approximately \$525 per kilogram. We expect to take delivery of this metal within 60 days. We expect our chief executive officer or our chief operating officer to inspect the facilities. The facilities are visited at least once per year for inspection. We may insure the warehouse contents above and beyond a bonded warehouse to guarantee we will not sustain a loss in the event of an unforeseen catastrophe or we deem the warehouse company's insurance inadequate.

Our expenses will be required to be satisfied by cash on hand that is not set aside for the purchase of indium. Cash on hand that is not set aside to purchase indium is expected to be sufficient to satisfy our operating expenses for approximately three years. Our annual cash operating expenses, including management fees, are estimated to be approximately \$1.4 million. We may subsequently lend or sell some, or all, of our indium stockpile to cover our operating expenses. Alternatively, we may seek to raise additional capital to cover our operating expenses through potentially dilutive equity offerings or debt financing. Our stockpile of indium may decrease over time due to sales of indium necessary to pay our annual operating expenses. Without increases in the price of indium sufficient to compensate for such decreases, our NMV may also decline. Our stockpile of indium may also decrease over time due to sales of indium against purchases of common shares that are priced lower than our NMV per common share. In such instances, our NMV per common share would rise.

All of our indium transactions are negotiated by our Manager, a related party. Our Manager is paid a 2.0% per annum fee based on our NMV as compensation for these services. The NMV shall be determined by multiplying the number of kilograms of our indium holdings by the last spot price for indium published by Metal Bulletin PLC posted on Bloomberg L.P., plus cash and any other assets, less any and all of our outstanding payables, indebtedness and any other liabilities. Our Manager is entitled to receive the 2.0% management fee regardless of its ability to successfully purchase and stockpile the metal indium. Our officers and directors have limited experience in stockpiling the metal indium, although our chief executive officer has experience purchasing, selling, storing and lending precious metals, base metals, non-exchange traded metals, and illiquid metals. Our Manager:

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•first and foremost, purchases and stockpiles indium ingots with a minimum purity level of 99.99% on our behalf;

negotiates storage arrangements for our indium stockpile in warehouses or third-party facilities located in the United States, Canada, the Netherlands and/or the United Kingdom;

makes sure the stockpile is fully insured by either the storage facility's insurance policy, a separately purchased insurance policy, or both;

purchases insurance on standard industry terms to insure the indium which we own during its transportation to and from the storage facility;

is responsible for conducting limited inspections of the indium delivered to us;

relies on the good faith of its suppliers to provide indium that meets our requirements. If indium is purchased from a third-party supplier that is not known to be a regular indium industry supplier, our Manager, at its discretion, may hire, at our expense, an independent lab to perform random assay tests to verify the purity of the indium. The Manager uses only reputable assayers recommended by reliable third-party sources;

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may lend and/or sell indium from our stockpile, based on market conditions;

publishes on our website the spot price of indium, our NMV and the quantity of indium held in inventory on a bi-weekly basis.

Metal Bulletin's bi-weekly indium price quotation is posted on our website, www.smg-indium.com. If for any reason, Metal Bulletin's bi-weekly indium price quotation is not available, other independent indium quotation providers are available including Platt's Metals Week, Metal-Pages Ltd., Asian Metal Ltd. and Metal Prices. Within two business days of any change in inventory held, the quantity of indium will be published on our website.

We are not legally prohibited from pursuing other business strategies pursuant to our certificate of incorporation, as amended, or any other corporate document. If based on market conditions our Manager determines that it may be in our best interest to expand our lending and/or selling activities beyond what is necessary to cover operating expenses or if the Manager determines that we should begin actively speculating on short-term fluctuations in indium prices or pursue strategic transactions with other companies operating in the indium market including the Federal Government, the Manager will be required to obtain the approval of our board of directors to adopt such a strategic change in our business directive. Additionally, we will promptly notify stockholders of any such modifications to our stated business plan. Presently, our operations are limited to purchasing, stockpiling, lending and selling only the metal indium.

#### **Previous Financings**

In 2010, we completed the 2009 Private Placement that resulted in net proceeds of approximately \$5.6 million. With the capital raised through the 2009 Private Placement, we began purchasing and stockpiling indium. In May 2011, we completed an Initial Public Offering ("IPO") of an aggregate of 5,084,750 units at \$5.00 per unit and raised aggregate net proceeds of approximately \$24.0 million including the partial exercise of the underwriters' overallotment option. Each IPO unit consisted of one share of the Company's common stock and one redeemable common stock purchase warrant. Each warrant entitles the holder to purchase from the Company one share of common stock at an exercise price of \$5.75 per share commencing with the effective date of the registration statement and expiring on May 4, 2016. Of the total raised in the IPO, 85% of the net proceeds, or approximately \$2.0.4 million, was committed to be used to purchase and stockpile indium and 15% of the net proceeds, or approximately \$3.6 million, is used for general working capital to fund operations. As of March 31, 2012, we have purchased or committed to purchase a sufficient quantity of indium to satisfy our commitment to use 85% of the net proceeds of the IPO for the purchase of indium.

Effective August 4, 2011, the units sold in the IPO were eligible to be separated and in addition to the units trading under the ticker symbol SMGIU.OB, the common stock and the warrants trade separately under the ticker symbols SMGI.OB and SMGIW.OB, respectively.

On January 5, 2012, we closed a private placement ("2012 Private Placement") of an aggregate of 2.0 million shares of our common stock at \$3.75 per share to two accredited investors, Raging Capital Fund, L.P. and Raging Capital Fund (QP), L.P., for an aggregate purchase price of \$7.5 million. Raging Capital Management, LLC is the general partner of Raging Capital Fund, L.P. and Raging Capital Fund (QP), L.P., respectively, and collectively, the entities represent our largest stockholder(s). Such entities are affiliated and controlled by William C. Martin, our director and member of our Manager, Specialty Metals Group Advisors LLC. We intend to use 85% of the gross proceeds, or approximately \$6.4 million, from such transaction to purchase and stockpile the metal indium and 15% of the gross proceeds, or approximately \$1.1 million, for general corporate purposes.

Our principal office is located at 100 Park Avenue, New York, New York 10017.

### THE OFFERING

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| Issuer             | SMG Indium Resources Ltd.<br>100 Park Avenue  |
|--------------------|---|
| 188001             | New York, New York 10017  |
| Securities offered |   |
| by Selling         | 2,000,000 shares of common stock  |
| Stockholders       |   |
| Additional         | This prospectus also covers shares of common stock issuable upon exercise of warrants sold and  |
| Registration       | issued in connection with our IPO, which closed on May 5, 2011.   |
| Trading Market     | The common stock offered in this prospectus is quoted on the OTCBB under the symbol "SMGI.OB"   |
| Common Stock       |   |
| •                  | f 8,832,301 shares (1)  |
| April 18, 2012)    |   |
| Use of Proceeds    | We will not receive any of the proceeds from the sale of the shares of our common stock being offered for sale by the selling stockholders. However, we may receive up to approximately \$40.2 million in proceeds upon exercise of the warrants held by the warrant holders, as the warrants have an exercise price of \$5.75 per share and are exercisable into 6,998,101 shares of our common stock. These potential proceeds will be used for general working capital purposes. See " <i>Use of Proceeds</i> ." |
|                    | The selling stockholders, and their pledges, donees and transferees or other successors in interest,  |
| Plan of            | may from time to time offer and sell, separately or together, some or all of the common stock   |
| Distribution       | covered by this prospectus. Registration of the common stock covered by this prospectus does not  |
|                    | mean, however, that those shares necessarily will be offered or sold. See " <i>Plan of Distribution</i> ."  |
| Diala Es stars     | Please read "Risk Factors" and other information included in this prospectus for a discussion of  |
| Risk Factors       | factors you should carefully consider before deciding to invest in the securities offered in this prospectus.   |
|                    |   |

(1) Unless otherwise stated in this prospectus, information in this prospectus:

Excludes the securities underlying the underwriters' unit purchase option;

• Excludes shares of common stock issuable upon exercise of the warrants included in the units issued in the 2009 Private Placement and our IPO;

Excludes 634,999 shares of common stock issuable upon the exercise of outstanding options at a weighted average exercise price of \$4.86 per share; and

Excludes 385,001 shares of common stock available for issuance under the 2008 Long-Term Incentive Compensation Plan.

#### **RISK FACTORS**

Investing in our securities involves a high degree of risk. Before purchasing our common stock, you should carefully consider the following risk factors as well as other information contained in this Prospectus, including our financial statements and the related notes. The risks and uncertainties described below are not the only ones facing us. Additional risks and uncertainties that we are unaware of, or that we currently deem immaterial, also may become important factors that affect us. If any of the following risks occur, our business, financial condition or results of operations could materially and adversely affected. In that case, the trading price of our securities could decline, and you may lose some or all of your investment.

#### Factors That May Affect Our Business and Results of Operations

We have an unproven business model and it is uncertain whether the purchase, lending or sale of indium will generate sufficient revenues for us to sustain operations.

Our model for conducting business is still new and unproven. Our unrestricted, available for general corporate purposes, cash balance at December 31, 2011 was \$3.5 million. Subsequent to December 31, 2011, we raised \$7.5 million in the 2012 Private Placement of which we intend to use \$6.4 million to purchase and stockpile indium and \$1.1 million unrestricted cash for general corporate purposes. We estimate that our unrestricted cash balance at March 31, 2012 will sustain our operations through at least 2014. After such time, our ability to support ongoing annual cash operating expenses may depend upon our ability to either raise capital or our ability to generate revenue streams from purchasing, lending and selling indium. However, it is uncertain whether we will be able to raise additional capital or that the purchase, lending and sale of indium can generate sufficient revenues for us to survive. Accordingly, we are not certain that our business model will be viable.

#### We address a new market which may not develop as we predict or in a way that will justify our purchase of indium.

There is no public market for the sale of indium. Since indium is primarily a byproduct of zinc mining, the supply does not necessarily vary directly with market price. Currently, increases in primary indium production have been correlated to increases in zinc production. We may not, and our Manager may not, be able to acquire indium, or once acquired, lend or sell indium for a number of years. The pool of potential purchasers and sellers is limited and each transaction may require the negotiation of specific provisions. In addition, the supply of indium is limited. World refinery production of indium was estimated by the U.S. Geological Survey or USGS to have increased from 582 mt in 2006 to 640 mt in 2011. The total size of the primary indium market was approximately \$446 million in 2011 based on the USGS's estimated production figure and Metal Bulletin's average price for indium of \$696.28 per kilogram in 2011 as posted on Bloomberg L.P. As of March 31, 2012, we took delivery of and contracted to take delivery of a

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sufficient quantity of indium to fulfill our commitment to spend 85% of the net proceeds from our IPO to purchase indium. Further, we intend to use approximately \$6.4 million of the proceeds from the 2012 Private Placement of our common stock to purchase additional indium. We may experience difficulties purchasing indium in the event that we are a significant buyer. The inability to purchase and sell on a timely basis in sufficient quantities could have a material adverse effect on the share price of our common stock.

Information regarding the indium industry's largest producers and users, including data regarding exclusive long-term purchase or supply agreements, is limited and not readily available. Such inability to access this information places us at a potential competitive disadvantage, which may adversely affect our ability to purchase and stockpile indium.

Indium industry producers and users do not publicly disclose sufficient information to determine with certainty the largest producers and users of indium. In addition, company-specific indium usage is not information that is typically publicly disclosed by industry participants. This makes it difficult for investors to assess indium industry dynamics, our competition, and various other risks we face.

Industry producers, recyclers, secondary fabs, and end users do not reveal industry data quantifying the amount of indium purchased or sold under long-term exclusive supply contracts. As a result, we may not be able to determine if certain suppliers have long-term supply contracts with other parties, which may adversely affect our ability to obtain indium from such supplier. The lack of industry information could hinder our ability to purchase and stockpile indium.

In addition, we are not aware of any additional information, if any, regarding the indium market or the type of market information other industry producers, purchasers, suppliers and other market participants may possess. Our inability to access this information, if any, places us at a potential relative competitive disadvantage to other market participants who may have access to such information. This may adversely affect our ability to purchase and stockpile indium.

### Investors may face difficulty accessing the quoted price for indium on a daily basis, which may negatively impact an investor's ability to assess the value of their investment.

Indium's market price is infrequently quoted and investors may have to pay for subscriptions to various data service providers to access such information. Metal Bulletin PLC, as posted on Bloomberg L.P., publishes the spot price of indium on a bi-weekly basis. We post on our website Metal Bulletin's published spot price of indium on a bi-weekly basis as well. Therefore, stockholders will not be able to access an updated spot price on a daily basis. Accordingly, investors in our common stock may not be able to readily access information regarding the current market price for indium prior to making an investment decision.

# The lack of a recognized indium commodity exchange may negatively impact an investor's ability to assess the value of their investment.

Indium is not traded on any recognized commodity exchange. As such, direct hedging of the prices for future purchases cannot be undertaken. We do not currently have any long-term supply contracts with indium suppliers, so prices will vary with each transaction and the individual bids and offers received. Prices will vary based on the supply and demand for indium. There are no recognized futures or forwards market for indium. The pool of potential purchasers and sellers of indium is limited and each transaction may require the negotiation of specific provisions. Accordingly, a purchase or sale cycle may take several months to complete. In addition, the supply of indium is limited and we may experience additional difficulties purchasing indium in the event we are a significant buyer. The lack of a standardized indium exchange affects our ability to purchase and sell indium on a timely basis and could have a material adverse effect on the price of our securities.

In late April 2011, Metal-Pages.com, a subscription based metals information service provider, reported that the Kunming Fanya Non-ferrous Metals Exchange opened in China. Metal-Pages.com indicated that the exchange began trading silver and indium in standard lots of 100 grams. Based on indium closing price of \$695 per kilogram on March 30, 2011, the Fanya Exchange's standard lot size of 100 grams is the equivalent of \$69.50. Our average indium purchase order typically ranges from 500 kilograms to 2000 kilograms. This is approximately 5,000 to 20,000 times larger than the 100 gram standard lot size for indium on the Fanya Exchange. In mid-May 2011, Metal-Pages.com reported that physical delivery has not progressed smoothly on the Fanya Exchange. We have not been able to verify the veracity of these statements or if the Fanya Exchange is indeed a legitimate exchange and there is very little information available with regards to the Kunming Fanya Non-ferrous Metals Exchange. Based on the limited information available, it does not appear that the Fanya Exchange is large enough to satisfy the needs of regular

indium industry market participants which may negatively impact an investor's ability to assess the value of their investment.

# We expect to rely on a limited number of potential suppliers and purchasers of indium, which could affect our ability to buy and sell indium in a timely manner and negatively influence market prices.

The indium market is illiquid and considered small compared to the markets for base metals. There are a limited number of suppliers and purchasers of indium. If new companies are formed to purchase and stockpile indium, this would adversely affect our ability to procure sufficient quantities of indium on a timely basis or even at all.

Relying on a limited number of potential suppliers of indium and potential customers who purchase indium could (1) make it difficult to buy and sell indium in a timely manner, (2) negatively influence market prices by potentially having to sell indium to cover our operating expenses, or (3) drive up market prices if we are a large purchaser of indium and there is an indium shortage. As of March 31, 2012, we have purchased and contracted to purchase an aggregate of 42.5 mt of indium using seven regular indium suppliers at an average price of \$623 per kilogram. Except for purchasing from these suppliers, we have had limited discussion with other potential suppliers of indium and no other contracts or negotiations have been entered into with any other suppliers or purchasers of indium, and we cannot be certain that we will be able to purchase inventory in a timely manner or at favorable prices to purchase indium.

# One of our principal stockholders controls a substantial interest in us and thus may influence certain actions requiring a stockholder vote.

William C. Martin, a member of our board of directors and, through an entity he controls, a member of our Manager, beneficially owns approximately 45.0% of our common stock with voting rights through wholly owned entities Raging Capital Fund L.P, Raging Capital Fund Q.P., L.P and his Individual Retirement Account. Mr. Martin, through his wholly owned entities is also the Selling Stockholder. This percentage ownership does not take into consideration the exercise of any stock options and warrants controlled by William C. Martin either individually or through Raging Capital Management LLC. Mr. Martin is able to influence the outcome of all matters requiring stockholder approval, including the election of directors, amendment of our certificate of incorporation and approval of significant corporate transactions, and he will have significant influence over our management and policies. The interests of Mr. Martin and our stockholders' interests may not always align and taking actions which require stockholder approval, such as selling the company, may be more difficult to accomplish.

# The substitution of other materials for indium may decrease demand for indium and adversely affect the price of indium and, thus, our stock price.

Indium has substitutes in many, perhaps most, of its uses. Silicon has largely replaced indium in transistors. Gallium can be used in some applications as a substitute for indium in several alloys. In glass- coating applications, silver-zinc oxides or tin-oxides can be used. Zinc-tin oxides can be used in LCDs'. Other possible substitutes for indium glass coating are transparent carbon nanotubes and graphene. Indium phosphide can be substituted by gallium arsenide in solar cells and in many semiconductor applications. Hafnium can replace indium alloys in nuclear reactor control rods. The substitutions of such materials for indium may decrease the overall demand for indium, thereby lowering the price of indium and our common stock.

# Our operating results are subject to fluctuation in the price of indium, which is subject to macroeconomic conditions that are largely outside of our control.

Our activities almost entirely will involve purchasing and stockpiling the metal indium. Therefore, the principal factors affecting the price of our securities are factors which affect the price of indium and are thus beyond our control. We may engage in lending transactions or sell portions of our indium stockpile if we need additional capital to cover annual operating expenses, so the value of our securities will depend upon, and typically fluctuate with, fluctuations in the price of indium. The market prices of indium are affected by rates of reclaiming and recycling of indium, rates of production of indium from mining, demand from end users of indium and indium-tin-oxide, and may be affected by a variety of unpredictable international economic, monetary and political considerations.

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Macroeconomic considerations that may affect the price of indium include expectations of future rates of inflation, the strength of, and confidence in, the U.S. dollar, the currency in which the price of indium is generally quoted, and other currencies, interest rates and global or regional economic events. In addition to changes in production costs, shifts in political and economic conditions affecting indium producing countries may have a direct impact on their sales of indium. The fluctuation of the prices of indium is illustrated by the following table, which sets forth, for the periods indicated, the highs and lows of the spot price for indium:

### Spot Indium Prices<sup>(1)</sup> 99.99% Purity (U.S.\$/KG)

|      | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|------|------|------|------|------|------|------|------|------|------|
| High | 330  | 910  | 1070 | 1025 | 750  | 730  | 530  | 650  | 870  |
| Low  | 80   | 305  | 800  | 680  | 510  | 350  | 300  | 480  | 525  |

(1) Source: Metal Bulletin PLC from Bloomberg L.P.

The price of indium has declined substantially since it peaked in March 2005. The price for indium has declined 48.6% from its high of \$1,070 per kilogram in March 2005 to \$550 per kilogram as of April 18, 2012. If we began operations in March 2005, and we purchased our stockpile at peak prices, the value of our stockpile would have decreased by more than 48.6% in approximately seven years.

# There are additional supply and demand factors that could influence indium price volatility that could adversely impact our NMV.

Our activities primarily involve purchasing and stockpiling indium. The value of our securities will be highly sensitive to fluctuations in the price of indium. Historically, the fluctuations in these prices have been, and will continue to be, affected by numerous factors beyond our control. Such factors include, among others: demand for products that utilize indium directly or as a key ingredient including FPDs, LCDs, touch screens, LEDs specialty solders, low e-glass, and next generation CIGS thin film photovoltaics. The supply of indium could be impacted by increased or decreased levels of zinc production and increases or decreases in indium recycling and or reclamation. Furthermore, there is the risk of indium substitution in certain applications that could impact supply and demand.

# Occupational exposure to indium-tin-oxide (ITO) has been linked to severe respiratory issues and may affect future demand for indium.

Publicly available epidemiological studies confirmed case reports which associated occupational exposure to ITO with the development of severe respiratory problems. Therefore, worker exposure due to ITO's growing use in the fabrication of LCDs is of particular concern and may potentially lead to manufacturers' substituting ITO with different transparent conductive oxides and thusly reducing demand for indium.

There may be a lack of correlation between indium prices, our NMV and our stock price and the amount the price of indium needs to appreciate for us to achieve breakeven results in our NMV is difficult for potential investors to accurately determine because it is highly dependent upon several variables.

Given the fee structure with our Manager and our operational expenses, the trading price of our common stock as listed on the OTC Bulletin Board, the OTCQB marketplace operated by Pink OTC Markets, Inc., or other quoted exchange, may not correlate with the trading price of indium. Regardless of our ability to purchase indium in a timely manner, we will incur projected yearly operating expenses of approximately \$1.4 million. The price of indium would need to appreciate substantially to offset the reduction in our NMV due to the expenses listed above. The percentage increase required cannot be accurately determined at this time. It is highly dependent upon various variable factors including, but not limited to, the exact number of kilograms of indium purchased, the average price paid and the amount of time it takes for us to fully spend 85% of the gross proceeds from the 2012 Private Placement to complete the buildup of our indium stockpile. As a result, there may be a lack of correlation between the trading price of indium, our NMV and our stock price.

There may be a lack of investment liquidity in our shares because we are not a mutual fund, a closed end fund, a trust company, an ETF or an ETN.

We are not a mutual fund, a closed end fund, a trust company, an exchange traded fund ("ETF") or an exchange traded note ("ETN") and our shares are not quoted on a national exchange. Therefore an investment in our common shares is not redeemable, not redeemable for our indium and liquidity may be limited. Furthermore, management currently controls the majority of our common shares, which are subject to lock-up requirements and Rule 144 restrictions, which serves to further reduce the float of common stock and its liquidity.

Our NMV is based on the price of 99.99% purity indium as quoted by Metal Bulletin and posted on Bloomberg L.P. Other information service providers may quote indium prices that differ from Metal Bulletin as posted on Bloomberg L.P., which may affect investors' ability to determine our NMV.

Metal Bulletin quotes the price of 99.99% (known as "4N") purity indium in US Dollars per kilogram in Rotterdam warehouse, the universally recognized standard for location and industry-wide pricing for physical metals. Other services may quote the price of indium differently from Metal Bulletin's price as quoted on Bloomberg L.P. for a variety of reasons such as variations in purity levels, location of material and source of origin. This may affect investors' ability to accurately determine our NMV.

# 99.97% purity indium (3N7) may differ in price from 99.99% purity indium (4N) or even 99.999% purity indium (5N) based on market conditions.

There is no fixed price ratio between 3N7, 4N or 5N material in the indium industry. All purchases and sales of indium are individually negotiated. Typically, in a regular indium market, balanced supply and demand, the higher the purity of the indium, the more it costs. 4N indium is slightly more expensive than 3N7. 5N is slightly more expensive than 4N. In a declining indium market, the price of 3N7 purity indium is often quoted at an even greater discount to indium with purities of 4N or 5N. In some cases, the prices may be as much as 2.0% to 5.0% lower. Typically, when the price of indium is appreciating, there is often no difference in the price of 3N7 purity indium compared to 4N or 5N purity metal. These variations in indium prices may affect investors' ability to accurately determine our NMV.

# New York dealer price quotations may differ from European price quotations and Far East price quotations due to a variety of factors, which differences may affect investors' ability to accurately determine our NMV.

At any given time, there are varying price quotations between different regions in the world. Some factors that may influence price variability include regional natural disasters that may drive up the price within that certain region because a local shortage of material may develop. At times, a surplus of indium may develop in certain regions that drive down prices locally as compared to the rest of the world. We publish on our website our NMV bi-weekly. These changes in market conditions could negatively affect an investor's ability to accurately determine our NMV on a daily basis.

# Our securities have had limited trading since our IPO, the price of our securities may experience extreme price and volume fluctuations and any volatility in our securities price could result in claims against us.

An active public market for our units, common stock or warrants has not developed or been sustained since our IPO. The market price of our securities has declined below the IPO price. The market price of our units may fluctuate significantly in response to the following factors, some of which are beyond our control:

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fluctuations in the spot price of indium;

supply and demand for indium;

variations in our quarterly operating results;

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changes in market valuations of specialty metals companies;

our announcements of significant contracts, acquisitions, strategic partnerships, joint ventures or capital commitments;

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additions or departures of key personnel;

future sales of securities; and

changes in financial estimates by securities analysts.

In the past, securities class action litigation has been brought against a company following periods of volatility in the market price of its securities. We may in the future be the target of similar litigation. Securities litigation could result in substantial costs and divert management's attention and resources.

#### Due to our size and the illiquid nature of the indium market, we may have a direct impact on the price of indium.

We may have a direct impact on the price of indium. Due to our size and the illiquid nature of the indium market, we may inadvertently push prices up when deploying our cash to build our stockpile or conversely negatively impact the price of indium when and if we sell indium from our stockpile. This could have a substantial negative impact on our NMV and would be expected to cause a decrease in our stock price.

Approximately 50% of the world's refined indium production is controlled by China and more than 70% of the world's reserves of indium are located in the ground in China, which may adversely affect our ability to purchase indium. If China curtails their international export quota of indium, it may affect our ability to purchase indium and could have a severe impact on world availability of indium and its price.

China controls over 50% of the world's refined indium production and more than 70% of the world's indium reserves are located in the ground in China. There are a number of major producers in China, but also numerous smaller producers, relying on purchasing the concentrates, or unrefined ore, from the larger base-metal refiners. China produces approximately 340 metric tons of indium per year. If the Chinese government reduces export quotas or ceases all of its exports of indium, it may affect the availability of indium and our ability to purchase indium in a timely manner and may limit us to purchasing primary indium production from countries outside of China.

The Chinese government restricts indium's export with taxes and quotas. In October 2010, the Chinese Ministry of Commerce issued a quota allowing China to export 233 metric tons of indium in 2011, unchanged from 2010. In January 2012, China reduced their first half 2012 indium export quota by 1 metric ton compared to its first half 2011 indium export quota. Most of China's indium output is exported, with domestic demand unable to currently sustain production. If the Chinese government reduces export quotas or ceases all of its exports of indium, it may affect the global availability of indium and our ability to purchase indium. In addition, it may cause a severe global supply shortage resulting in substantial volatility in the price of indium, our NMV and our securities.

Any disruptions in the operations of mining for zinc and other base metals, including earthquakes or other natural disasters, would have a direct impact on the production and availability of indium, which may adversely affect our ability to purchase indium.

Indium is primarily a byproduct of zinc mining. Zinc mines and other base metal mines by their nature are subject to many operational risks and factors that are completely outside of our control and could impact our business, operating results and ability to purchase indium. These operational risks and factors include, but are not limited to:

unanticipated ground and water conditions and adverse claims to water rights;

geological problems, including earthquakes and other natural disasters;

metallurgical and other processing problems;

lower than expected ore grades or recovery rates;

accidents;

delays in the receipt of or failure to receive necessary government permits;

the results of litigation, including appeals of agency decisions;

uncertainty of exploration and development;

delays in transportation;

labor disputes;

inability to obtain satisfactory insurance coverage;

unavailability of materials and equipment;

the failure of equipment or processes to operate in accordance with specifications or expectations; and

the results of financing efforts and financial market conditions.

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# Any cessation in production by zinc metallurgical plants or shut down of base metal smelters capable of processing indium would have a direct impact on the availability of indium, which may adversely affect our ability to purchase indium.

Indium is primarily a byproduct of zinc mining. Indium is processed in metallurgical plants that specifically smelt, refine and extract indium from zinc and other base metals. Metallurgical plants by their nature are subject to many operational risks and economic factors that are completely outside of our control and could impact our business, operating results and ability to purchase indium. In 2010, Xstrata Plc permanently ceased operations of its copper and zinc metallurgical plants at the Kidd Metallurgical site in Timmins, Ontario, Canada. According to Roskill, a service provider of information on international metals and minerals markets, in its report titled "The Economics of Indium, 2003," the Kidd Metallurgical Division was capable of refining up to 40 tons per year of indium. According to the USGS, Xstrata produced 11 tons of refined indium at Kidd Creek in 2007 and eight tons in 2008. Although the exact volume of lost output is still unclear, the American Metal Market reported on May 13, 2010 that Xstrata confirmed the smelter produced 11.5 tons in 2009. Similar reductions in the supply of indium could hinder our ability to purchase and stockpile indium.

The smelting process used to extract indium from zinc ore and to refine indium to higher purities uses highly toxic chemicals like sulfuric acid. Heightened global environmental concerns may lead to the closure of smelters that excessively pollute the environment. The closure of smelters that extract and refine indium may affect our ability to purchase indium in a timely manner.

# Technological obsolescence may reduce demand for indium, which would adversely impact our NMV and our stock price.

It is possible that the next generation TV or portable device market ("PDA") screens may render the use of indium-tin-oxide obsolete. Considering 84.0% of indium demand currently comes from the FPD market, this would drastically reduce demand for indium and cause a precipitous drop in the price of indium. This would have a substantially negative impact on our NMV and our stock price.

#### Recycling of indium has increased in recent years which may reduce the demand for newly refined indium.

The recycling of indium has increased in recent years. The indium recycling market is now larger than primary refinery production. The USGS does not provide specific data for the recycling market but stated in their 2008 indium summary that global secondary indium production increased significantly during the past several years and now accounts for a greater share of indium production than primary production. The USGS also stated in their 2008 indium summary that this trend is expected to continue in the future and several major secondary indium producers in Japan

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and the Republic of Korea announced plans to further increase their recycling capacity. It is not known when the supply of recycled material from end products such as FPDs, LCDs or PDAs will re-circulate back into the recycling market, which may increase indium supply and negatively affect indium prices. If recycling activity continues to grow and becomes more efficient, this may adversely impact the price of indium and therefore the value of our stock.

#### We may not be able to stockpile indium in a timely manner because we cannot purchase indium from recyclers.

There is little firm data provided by any of the indium recyclers. We do not expect that we will be able to purchase any indium directly from the recycling market. Industry insiders consider the recycling market a "closed loop." End users (i.e., FPD manufacturers) recapture residual indium scrap from ITO in an unusable form during the manufacturing process. The end user then contracts with an indium recycler to specially reprocess and refine the scrap indium back into 3N7 minimum purity indium metal ingot. The process is extremely complex and can take in excess of 12 weeks from collection to re-fabrication back into purified usable indium. This "closed loop," from end user to recycler back to end user, is performed under contract and will operate to limit our purchases of indium to the primary refinery market, which is smaller than the recycled market. Our inability to purchase indium from recyclers may impact our ability to stockpile indium in a timely manner.

# Potential recessionary economic conditions may decrease demand for indium-based products and therefore adversely affect the price of indium and lower our NMV and stock price.

There is a direct correlation between the price of indium and the NMV of our company. Potential recessionary economic conditions in the United States and/or globally could result in decreased demand for the products that are manufactured using indium, such as FPDs, LCDs, LEDs and PDAs. This could cause the price of indium to drop and reduce our NMV, negatively affecting our stock price.

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# The Manager might have a conflict of interest insofar as the management fee to be paid by us to our Manager will increase as we sell more stock in subsequent offerings thereby increasing the NMV of the indium stockpile on which the management fee is based.

The management fee paid by us to the Manager is dependent on our NMV. Therefore, if we raise additional capital, we will have more cash available for the purchase of indium. In making the decision to raise additional capital and negotiate the terms of future offerings, there is a risk that the Manager may value its own interest in the management fee more than the interests of our public stockholders, resulting in a conflict of interest, which may not necessarily be resolved in the best interests of our public stockholders (including that it may be more likely that we conclude to pursue subsequent issuances of stock and increase our stockpile of indium, and therefore make an effort to increase our NMV).

#### We may issue additional shares of our common stock which would result in a dilution of our stockholders.

We are authorized to issue up to 40,000,000 shares of common stock, par value \$0.001 per share, and 1,000,000 shares of preferred stock, par value \$0.001 per share. Currently there are 21,929,598 authorized but unissued shares of our common stock available for issuance (after appropriate reservation for the issuance of shares of common stock upon full exercise of 6,998,101 outstanding warrants, 1,000,000 stock options reserved under our stock option plan, and 240,000 unit purchase options granted to the underwriters in our IPO.) Although we currently have no commitment, we may issue a substantial number of additional shares of our common or preferred stock, or a combination of common and preferred stock, to obtain future financing. The issuance of additional shares of our common stock or any number of shares of our preferred stock:

may significantly reduce the equity interest of our stockholders;

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may subordinate the rights of holders of common stock if preferred stock is issued with rights senior to those afforded to the holders of our common stock;

will likely cause a change in control if a substantial number of our shares of common stock are issued, which may, among other things, result in the resignation or removal of our present officers and directors; and

may adversely affect prevailing market prices for our common stock.

# If our NMV substantially decreases, the Manager may have an increased incentive to liquidate our stockpile and return the proceeds to the stockholders.

Pursuant to the Management Services Agreement, as amended and restated, our Manager is entitled to a 2.0% management fee per annum based on our NMV. Since some members of our board of directors are also members of our Manager, our board of directors may elect to liquidate our business in the event there is a substantial reduction to our NMV in accordance with the Manager's wishes. Such liquidation may occur at an inopportune time, when the disposition of indium could result in a loss to our stockholders.

Our officers and directors have limited experience in purchasing, stockpiling, selling, storing, insuring and lending indium and our officers and directors have limited experience in purchasing, selling, storing, insuring and lending minor metals.

Our officers and directors have only limited experience purchasing storing, and insuring the metal indium. Our officers and directors have only limited experience in purchasing, selling, storing, insuring and lending minor metals. Only our chief executive officer has experience purchasing, selling, storing, insuring and lending precious metals, base metals, non-exchange metals and illiquid metals, but not indium. As a result they may not be able to effectively manage our business.

# We may lend some of the indium that we acquire and the inability of the borrower to return to us equivalent quantity and purity indium so loaned could have a material adverse effect on the share price of our common stock.

We may engage in lending indium from time to time if we need additional capital to cover operating expenses. In such lending transaction, we will physically deliver indium to the borrower. At the end of the loan term, the borrower is required to return an equivalent quantity and purity level of physical indium to us and pay us a fee based upon the value of the metal loaned and the time duration of the loan. If the borrower is unable to return to us an equivalent quantity and level of purity of indium, we may not be able to replace the indium loaned from other sources at favorable prices. In such instances, we may not be able to recoup our losses through litigation and we would incur a loss which could have a material adverse effect on the share price of our common stock.

### We will depend upon third parties to provide us with warehousing services, and system failures or other problems at these third-party warehousing facilities could cause us to lose revenues.

We currently and will continue to store indium in secure facilities owned and operated by third-party warehousing providers. If we are unable to continue to rely on third parties to provide us with these services and warehousing space in a timely fashion or if these services or warehousing space become impaired, whether through labor shortage, slow down or stoppage, deteriorating financial or business condition or other system failures, or if we face competition for these services, or for any other reason, we would not be able, at least temporarily or at competitive prices, to store or acquire indium. We also may be unable to engage alternative warehousing services on a timely basis, which could have a material adverse effect on our business.

#### We will not engage a custodian to safeguard the indium held in third-party storage facilities.

We have not and will not retain a custodian to oversee our indium holdings stored at third-party facilities. A custodian is responsible for safekeeping of the metal and selecting direct subcustodians, if any. A custodian facilitates the transfer of the metal in and out of the trust account, allocates specific bars of metal to the trust allocated account and provides the trustee with regular reports detailing the metal transfers in and out of the trust. The custodian is also a market maker, clearer and approved weigher of such metal. The third-party storage facilities we use to store our indium provide services similar to those provided by a custodian, such as storage and safeguarding of the indium stockpile, visual inspections, spot checks, arranging and facilitating for independent third-party assays, confirmation of deliveries to supplier packing lists, and reporting of transfers and inventory status to our company and auditors. If the third-party storage facilities we engage cannot adequately provide such similar services as provided by a custodian, then this could adversely affect the value, the security, the quantity and our ability to keep track of our indium holdings.

# Potential additional regulation of the purchase, sale or storage of indium may adversely affect our operations and may increase our costs.

We may be affected by changes in regulatory requirements, customs, duties or other taxes regarding indium. Although we are not currently aware of any potential changes in the regulatory requirements regarding indium, such changes could, depending on their nature, adversely affect us by increasing our costs.

Our Manager and the contracted third-party storage facilities it utilizes will not be responsible for hiring independent labs to perform assay tests on every ingot of indium delivered to us to verify that such indium meets the minimum 99.99% purity requirements referred to in our business plan. If the indium purchased is below spec grade of 99.99% purity, the value of our indium stockpile will be worth less than stated.

Our Manager is responsible for ensuring that the contracted third-party storage facilities it utilizes conducts visual inspections and spot checks the indium delivered to us. In addition, the facility must be capable of arranging and facilitating random assay testing to be conducted by independent third-party assayers, at our expense. Our Manager and contracted third-party storage facilities will not be responsible for conducting chemical assays or other tests designed to verify that every indium ingot delivered meets the minimum 99.99% purity requirements. Our Manager will rely on the good faith of its suppliers to provide indium that meets our requirements. If the indium purchased is below spec grade of 99.99% purity, the value of our indium stockpile will be worth less than stated, we would therefore incur a write down, which would negatively impact the NMV of our company and harm our reputation. If indium is purchased from or loaned to a third-party supplier that is not known to be a regular industry supplier, our Manager, at its discretion, may hire, at our expense, an independent lab to perform random assay tests to verify the purity of the indium. The Manager purchases indium with a minimum purity of 99.99%. We do not intend to brand specific companies and assayers. We consider the miners, refiners, suppliers and trading houses listed in our "Competition" section to be a partial list of known regular indium industry suppliers. The contracted third-party facilities we utilize will only use, at our expense, reputable independent assayers to randomly test indium delivered to us. It is possible that our indium stockpile will contain ingots of a purity level below 99.99%, which would decrease our NMV and negatively impact our share price.

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#### We may suffer from losses as a result of our inability to obtain insurance to cover loss or theft of our inventory.

We currently store and expect to continue to store our inventory at third-party warehouse facilities and require the third-party facilities to maintain an adequate level of insurance to protect us from loss due to theft, damage or other events. We may, in the alternative, seek our own insurance coverage for such potential losses. We may not be able to obtain such insurance, or that the level of coverage will keep us fully insured due to the fluctuating value of indium. Further, the cost of such insurance may impact our operating expenses, whether obtained by us or through the third-party facility.

# We may need to raise additional capital and may encounter unforeseen costs. If the terms on which the additional capital is available are unsatisfactory or if the additional capital is not available at all, we may not be able to pursue our objective and strategy.

Our expenses are funded from cash on hand from the proceeds from the sale of securities not otherwise utilized for the purchase of indium. Once such cash available has been spent, we will be required to generate cash resources from the sale or lending of indium, debt incurrence or the sale of additional equity securities. Our ability to obtain additional financing in the future will depend in part upon the prevailing capital market conditions, as well as our business performance and the value of indium. We may not be successful in our efforts to arrange additional financing on terms satisfactory to us or at all. If additional financing is raised by the issuance of common stock, stockholders may suffer additional dilution and if additional financing is raised through debt financing, it may involve significant restrictive covenants which could affect our ability to operate our business. If adequate funds are not available, or are not available on acceptable terms, we may not be able to continue our operations, grow our business or take advantage of opportunities in connection with the operation of our business.

#### We may choose to redeem our outstanding warrants at a time that is disadvantageous to our warrant holders.

Subject to there being a current prospectus with respect to the common stock issuable upon exercise of the warrants, we may redeem the warrants included in our units at any time in whole and not in part, at a price of \$.01 per warrant, upon a minimum of 30 days prior written notice of redemption, if and only if, the last sales price of our common stock equals or exceeds \$8.00 per share for any 20 trading days within a 30-trading day period ending three business days before we send the notice of redemption. In addition, we may not redeem the warrants unless the warrants comprising the units sold in the IPO and the shares of common stock underlying those warrants are covered by an effective registration statement from the beginning of the measurement period through the date fixed for the redemption. Redemption of the warrants could force the warrant holders (i) to exercise the warrants and pay the exercise price at a time when it may be disadvantageous for the holders to do so, (ii) to sell the warrants at the then current market price when they might otherwise wish to hold the warrants, or (iii) to accept the nominal redemption price which, at the time the warrants are called for redemption, is likely to be substantially less than the market value of the warrants. We expect most purchasers of our warrants will hold their securities through one or more intermediaries and consequently

warrant holders are unlikely to receive notice directly from us that the warrants are being redeemed. If the warrant holder fails to receive notice of redemption from a third-party and the warrants are redeemed for nominal value, warrant holders will not have recourse to us.

We are required to use our best efforts to have an effective registration statement covering the issuance of the shares of common stock underlying the warrants at the time that our warrant holders exercise their warrants. We cannot guarantee that a registration statement will be effective, in which case our warrant holders may not be able to exercise our warrants.

Holders of our warrants will be able to exercise the warrants only if (i) a current registration statement under the Securities Act of 1933, as amended (the "Securities Act") relating to the shares of our common stock underlying the warrants is then effective and (ii) such shares of common stock are qualified for sale or exempt from qualification under the applicable securities laws of the states in which the various holders of warrants reside. We have a contractual obligation, to use our best efforts to maintain a current registration statement covering the shares of common stock underlying the warrants to the extent required by federal securities laws, and we intend to comply with our undertaking. We may not be able to comply with such undertaking. In addition, we agreed to use our reasonable efforts to register the shares of common stock underlying the warrants under the blue sky laws of the states of residence of the existing warrant holders, to the extent an exemption is not available. The value of the warrants may be greatly reduced if a registration statement covering the shares of common stock issuable upon the exercise of the warrants is not kept current or if the securities are not qualified, or exempt from qualification, in the states in which the holders of warrants reside. Holders of warrants who reside in jurisdictions in which the shares of common stock underlying the warrants are not qualified and in which there is no exemption will be unable to exercise their warrants and would either have to sell their warrants in the open market or allow them to expire unexercised. If and when the warrants become redeemable by us, we may exercise our redemption right even if we are unable to qualify the underlying securities for sale under all applicable state securities laws.

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# We depend upon our senior management and their loss or unavailability could put us at a competitive disadvantage.

We currently depend upon the efforts and abilities of our senior executive officers, particularly Alan Benjamin, our chairman and chief executive officer, Ailon Grushkin, our president, and Richard Biele, our chief operating officer, each of whom is also a member of our Manager. The loss or unavailability of the services of any of these individuals for any significant period of time would have a material adverse effect on our business, prospects, financial condition and results of operations. Further, we have not purchased any key- man insurance for our executive officers and directors or any members of the Manager.

Our Manager may terminate the Management Services Agreement, as amended and restated, after the initial term in accordance with the terms thereof. We may not be able to readily secure similar services as those to be provided under the Management Services Agreement and our operations will therefore be adversely affected if our Management Services Agreement is terminated.

# Members of our board of directors have not worked together as a group for a significant period of time and they each have only some or no experience as a director of a public company. As a result, they may not be able to effectively manage our business.

Our board of directors consists of four executive directors and three independent directors. Only one of our current independent directors has experience as a director of a public company. As a result, our board of directors will lack a history of working together as a group and currently lacks significant experience in operating a public company. The lack of shared experience and lack of significant experience of our board of directors in operating a public company could have an adverse effect on its ability to quickly and efficiently respond to problems and effectively manage our business and deal effectively with the issues surrounding the operation of a public company.

# Our officers and directors may allocate their time to other businesses, thereby causing conflicts of interest regarding the amount of time such officers and directors will devote to our affairs, which could affect our business.

Our officers and directors are not required to commit their full time to our affairs, which could create a conflict of interest when allocating their time between our operations and their other commitments. Our executive officers and directors are currently employed by other entities and are not obligated to devote any specific number of hours to our affairs. If other entities require them to devote more substantial amounts of time to their business and affairs, it could limit their ability to devote time to our affairs and could have a negative impact on our operations. These conflicts may not be resolved in our favor.

# We have limited protections in place to prevent our Manager from competing with us, which may adversely affect our business.

We have limited protections in place to prevent our Manager from competing with our company or taking on a potential business opportunity intended for our company for itself. Pursuant to the Management Services Agreement as amended and restated, the Manager may compete with us or take a business opportunity for itself as long as the Manager does not interfere with, disrupt or attempt to disrupt any existing relationship, contractual or otherwise, between our company or our subsidiaries and any of our customers, suppliers, clients, executives, employees, vendors, licensees or business relations or other persons with whom we or our subsidiaries deal or in any way disparage our company to any of the above. As a result, this would have a material adverse effect on our business, prospects, financial condition and results of operations if such persons were to compete with the company.

# Stockholders do not have the protections associated with ownership of shares in an investment company registered under the Investment Company Act of 1940, as amended, or the protections afforded by the Commodity Exchange Act of 1936 ("Commodity Exchange Act" or "CEA").

We are not registered as an investment company under the Investment Company Act of 1940, as amended, and are not required to register under such act. Consequently, stockholders do not have the regulatory protections provided to investors in investment companies. We will not hold or trade in commodity futures contracts regulated by the CEA, as administered by the Commodity Futures Trading Commission ("CFTC"). Furthermore, we are not a commodity pool for purposes of the CEA, and neither we nor the Manager is subject to regulation by the CFTC as a commodity pool operator or a commodity trading advisor in connection with our securities. Consequently, stockholders do not have the regulatory protections provided to investors in CEA-regulated instruments or commodity pools.

### **Geopolitical and International Risks**

### International and political events could adversely affect our results of operations and financial condition.

A significant portion of our revenue may be derived from non-United States operations and our indium will be warehoused at locations outside the United States, including Canada, the United Kingdom and the Netherlands, which exposes us to risks inherent in doing business in each of the countries in which we transact business. The occurrence of any of the risks described below could have a material adverse effect on our results of operations and financial condition.

Operations in countries other than the United States are subject to various risks peculiar to each country. With respect to any particular country, these risks may include:

expropriation and nationalization of our assets in that country;

political and economic instability;

civil unrest, acts of terrorism, force majeure, war, or other armed conflict;

natural disasters, including those related to earthquakes and flooding;

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inflation;

currency fluctuations, devaluations, and conversion restrictions;

confiscatory taxation or other adverse tax policies;

• governmental activities that limit or disrupt markets, restrict payments, or limit the movement of funds;

governmental activities that may result in the deprivation of contract rights; and

• governmental activities that may result in the inability to obtain or retain licenses required for operation.

# We could be subject to taxation in various jurisdictions with varying tax laws, which could adversely affect our operations.

We may have operations in countries other than the United States. Consequently, we could be subject to the jurisdiction of a significant number of taxing authorities. The income earned in these various jurisdictions is taxed on differing bases, including net income actually earned, net income deemed earned, and revenue- based tax withholding. The final determination of our tax liabilities involves the interpretation of local tax laws, tax treaties, and related authorities in each jurisdiction, as well as the significant use of estimates and assumptions regarding the scope of future operations and results achieved and the timing and nature of income earned and expenditures incurred. Changes in the operating environment, including changes in tax law and currency/repatriation controls, could impact the determination of our tax liabilities for a tax year.

#### Foreign exchange and currency risks could adversely affect our revenues and operating

A portion of our revenue and operating expenses may be in foreign currencies. If we choose to store indium in Canada, we may be adversely affected by fluctuations in the U.S. dollar relative to the Canadian dollar. If we choose to store indium in the United Kingdom, we may be adversely affected by fluctuations in the U.S. dollar relative to the British Pound. If we chose to store indium in the Netherlands, we may be adversely affected by fluctuations in the U.S. dollar relative to the U.S. dollar relative to the Euro. As a result, we would be subject to significant risks, including:

foreign exchange risks resulting from changes in foreign exchange rates and the implementation of exchange controls; and

limitations on our ability to reinvest earnings from operations in one country to fund the capital needs of our operations in other countries.

We may conduct business in countries that have non-traded or "soft" currencies which, because of their restricted or limited trading markets, may be more difficult to exchange for "hard" currency. We may accumulate cash in soft currencies, and we may be limited in our ability to convert our profits into United States dollars or to repatriate the profits from those countries.

We may selectively use hedging transactions to limit our exposure to risks from doing business in foreign currencies. For those currencies that are not readily convertible, our ability to hedge our exposure would be limited because financial hedge instruments for those currencies are nonexistent or limited. Our ability to hedge would also be limited because pricing of hedging instruments, where they exist, is often volatile and not necessarily efficient.

In addition, the value of the derivative instruments could be impacted by:

adverse movements in foreign exchange rates;

interest rates;

commodity prices; or

• the value and time period of the derivative being different than the exposures or cash flows being hedged.

### **Risks Related to Units, Common Stock and Warrants**

#### We do not anticipate paying cash dividends on our common stock in the foreseeable future.

We are not a mutual fund and an investment in our units shall not be redeemable. In addition, our liquidity will rely principally on our ability to lend and sell indium. Accordingly, we are unlikely to have resources to declare any dividends or make other cash distributions unless and until a determination is made to sell a portion of our indium holdings. Since our inception we have not declared any dividends and we have no current intention to declare any dividends.

#### Determination of the NMV of our securities will materially impact the market price of our securities.

Our reported NMV per share is based on the spot prices of indium published by Metal Bulletin as posted on Bloomberg L.P. The per share NMV shall be determined by (x) multiplying the number of kilograms of our indium holdings by the last spot price for indium published by Metal Bulletin posted on Bloomberg L.P., plus cash and any other assets, less any and all of our outstanding payables, indebtedness and any other liabilities, (y) divided by our total number of outstanding shares of our common stock. Accordingly, the NMV is a market value that may not necessarily reflect the actual "realizable value" upon the sale of our indium holdings. The market price of our securities may or may not vary based on the NMV. We post our NMV on our website bi-weekly. We cannot predict whether our common stock or units will trade above, at or below our NMV.

Currently there is no liquid market for indium. Indium is often quoted on various data service providers with a price differential in excess of \$50 per kilogram among providers. A price posted by one data service provider may be higher or lower than the price at which we can actually sell or purchase all or part of our indium stockpile. This makes it difficult for investors to determine our exact NMV and therefore the value of our stock.

# If an active, liquid trading market for our securities does not develop, holder of our securities may not be able to sell their units, common stock or warrants quickly or at or above their purchase price.

An active and liquid trading market for our securities has not developed or been sustained. Holders of our securities may not be able to sell their units, common stock or warrants quickly or at or above their purchase price if trading in our securities is not active.

# Our outstanding options, warrants and unit purchase option may have an adverse effect on the market price of common stock and make it more difficult to obtain future financing.

As of April 18, 2012, we have outstanding warrants, options and unit purchase options to purchase up to 7,870,600 shares of common stock issued and outstanding. The sale or even the possibility of sale of the shares of common stock underlying the warrants and such options could have an adverse effect on the market price for our securities or on our ability to obtain future financing. If and to the extent these warrants and options are exercised, holders may experience dilution to their holdings.

# We could issue "blank check" preferred stock without stockholder approval with the effect of diluting then current stockholder interests and impairing their voting rights.

Our certificate of incorporation, as amended, authorizes the issuance of up to 1,000,000 shares of "blank check" preferred stock with designations, rights and preferences as may be determined from time to time by our board of directors. Accordingly, our board of directors is empowered, without stockholder approval, to issue a series of preferred stock with dividend, liquidation, conversion, voting or other rights which could dilute the interest of, or impair the voting power of, our common stockholders. The issuance of a series of preferred stock could be used as a method of discouraging, delaying or preventing a change in control. For example, it would be possible for our board of directors to issue preferred stock with voting or other rights or preferences that could impede the success of any attempt to change control of our company.

Our securities are quoted on the OTC Bulletin Board and the OTCQB, which limits the liquidity and price of our securities more than if our securities were to be quoted or listed on the Nasdaq Stock Market or another national exchange.

Our units, common stock and warrants trade in the over-the-counter market and are quoted on the OTC Bulletin Board, a FINRA-sponsored and operated inter-dealer automated quotation system for equity securities not included in

the Nasdaq Stock Market, and/or the OTCQB, a similar marketplace operated by Pink OTC Markets Inc. Quotation of our securities on the OTC Bulletin Board and the OTCQB limits the liquidity and price of our securities more than if our securities were quoted or listed on the Nasdaq Stock Market or a national exchange. Lack of liquidity limits the price at which our securities may be sold or whether our securities may be sold at all.

# A market for our securities may cease to exist, which would adversely affect the liquidity and price of our securities.

Our securities are quoted on the OTC Bulletin Board and the OTCQB. Stockholders and prospective stockholders have only limited access to information about prior trading history on which to base their investment decision. The price of our securities may vary significantly due to our reports of operating losses, one or more potential business transactions, the filing of periodic reports with the SEC and general market and economic conditions. An active trading market for our securities may never develop or, if developed, it may not be sustained. In addition, the price of the securities varies due to general economic conditions and forecasts, our general business condition and the release or our financial reports. Unless a market can be established or sustained, holders of our securities may be unable it sell their securities.

# If penny stock regulations impose restrictions on the marketability of our common stock, the ability of our stockholders to sell shares of our common stock could be impaired.

The SEC has adopted regulations that generally define a "penny stock" to be an equity security that has a market price of less than \$5.00 per share or an exercise price of less than \$5.00 per share, subject to certain exceptions. Exceptions include equity securities issued by an issuer that has (i) net tangible assets of at least \$2 million, if such issuer has been in continuous operation for more than three years, or (ii) net tangible assets of at least \$5 million, if such issuer has been in continuous operation for less than three years, or (iii) average revenue of at least \$6 million for the preceding three years. Unless an exception is available, the regulations require, that prior to any transaction involving a penny stock, a risk disclosure schedule must be delivered to the buyer explaining the penny stock market and its risks.

According to the SEC, the market for penny stocks has suffered in recent years from patterns of fraud and abuse. Such patterns include:

Control of the market for the security by one or a few broker-dealers;

"Boiler room" practices involving high-pressure sales tactics;

Manipulation of prices through prearranged matching of purchases and sales;

The release of misleading information;

Excessive and undisclosed bid-ask differentials and markups by selling broker-dealers; and

Dumping of securities by broker-dealers after prices have been manipulated to a desired level, which reduces the price of the stock and causes investors to suffer loss.

We are aware of the abuses that have occurred in the penny stock market. We are not in a position to dictate the behavior of the market or of broker-dealers who participate in the market. We will strive within the confines of practical limitations to prevent such abuses with respect to our common stock.

# Provisions in our charter documents and Delaware law may inhibit a takeover of us, which could limit the price investors might be willing to pay in the future for our common stock and could entrench management.

Our charter and bylaws contain provisions that may discourage unsolicited takeover proposals that stockholders may consider to be in their best interests. Our board of directors is divided into two classes, each of which will generally serve for a term of two years with only one class of directors being elected in each year.

Moreover, our board of directors has the ability to designate the terms of, and issue new series of preferred stock.

We are also subject to anti-takeover provisions under Delaware law, which could delay or prevent a change of control. Together these provisions may make more difficult the removal of management and may discourage transactions that otherwise could involve payment of a premium over prevailing market prices for our securities.

#### **Cautionary Statement Regarding Forward-Looking Statements**

This prospectus contains forward-looking statements. The forward-looking statements are contained principally in the sections entitled "Prospectus Summary," "Risk Factors," "Use of Proceeds," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Business." The statements contained in this prospectus that are not historical fact are forward-looking statements (as such term is defined in the Private Securities Litigation Reform Act of 1995), within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended. Forward-looking statements may be identified by the use of forward-looking terminology such as "should," "could," "may," "will," "expect," "believe," "estimate," "anticipate," "intends," "continue," or s or variations of those terms or the negative of those terms. All forward-looking statements are management's present expectations of future events and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. These statements appear in a number of places in this prospectus and include statements regarding the intent, belief or current expectations of SMG Indium Resources Ltd. Forward-looking statements are merely our current predictions of future events. Investors are cautioned that any such forward-looking statements are inherently uncertain, are not guaranties of future performance and involve risks and uncertainties. Actual results may differ materially from our predictions. There are a number of factors that could negatively affect our business and the value of our securities, including and not limited to indium price volatility from supply and demand factors, international export quotas that could affect the availability of indium and our ability to purchase indium, lack of any internationally recognized exchanges for indium, limited number of potential suppliers of indium and potential customers who purchase indium, disruption of mining operations, technological obsolescence, substitution of other materials decreasing the demand for indium, regulatory requirements regarding indium, risks associated with international economic and political events, lack of operational liquidity, lack of investment liquidity, factors affecting our Net Market Value ("NMV"), and changes in interest rates. Such factors could materially affect our Company's future operating results and could cause actual events to differ materially from those described in forward-looking statements relating to our Company.

Although we have sought to identify the most significant risks to our business, we cannot predict whether, or to what extent, any of such risks may be realized, nor is there any assurance that we have identified all possible issues that we might face. We discuss many of these risks in this prospectus in greater detail under the heading "Risk Factors" beginning on page 5. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Also, forward looking statements represent our estimates and assumptions only as of the date of this prospectus. You should read this prospectus and the documents that we have filed as exhibits to the registration statement, of which this prospectus is a part, completely and with the understanding that our actual future results may be materially different from what we expect.

Except as required by law, we assume no obligation to update any forward-looking statements publicly or to update the reasons actual results could differ materially from those anticipated in any forward-looking statements, even if new information becomes available in the future.

## **USE OF PROCEEDS**

We will not receive any of the proceeds from the sale of the common stock by the selling stockholders named in this prospectus. All proceeds from the sale of the common stock will be paid directly to the selling stockholders. We may receive proceeds from the exercise of the warrants. If all of the warrants exercisable for shares of common stock are exercised, we could receive net proceeds of up to approximately \$40.2 million. The holders of the warrants are not obligated to exercise the warrants and we cannot assure that the holders of the warrants will choose to exercise all or any of the warrants.

We intend to use the estimated net proceeds received upon exercise of the warrants, if any, for purchasing and stockpiling indium, working capital and general corporate purposes.

### **DIVIDEND POLICY**

We have never paid or declared any cash dividends on our common stock. We currently intend to retain all available funds and any future earnings to fund the purchase of indium and expansion of our business, and we do not anticipate paying any cash dividends for the foreseeable future following this offering. Any future determination to pay dividends will be at the discretion of our board of directors and will depend on our financial condition, results of operations, capital requirements and other factors that our board of directors deems relevant. In addition, the terms of any future debt or credit facility may preclude us from paying dividends.

#### **Market Price and Dividend Information**

Our units, common stock and warrants are quoted on the OTC Bulletin Board and/or the marketplace operated by Pink OTC Markets Inc. ("OTCQB") under the symbols "SMGIU.OB" "SMGI.OB" and "SMGIW.OB." The following table sets forth the high and low sales prices for our units, common stock and warrants, as reported by the OTCQB since our securities began trading after our IPO in May 2011:

Quarterly Common Stock Price Ranges

Units Common Stock

Warrants

|                                  | High   | Low    | High   | Low    | High   | Low    |
|----------------------------------|--------|--------|--------|--------|--------|--------|
| Fiscal Year 2011, Quarter Ended: |        |        |        |        |        |        |
| June 30, 2011                    | \$5.25 | \$4.50 |        |        |        |        |
| September 30, 2011               | \$5.20 | \$4.20 | \$4.50 | \$4.00 | \$0.50 | \$0.45 |
| December 31, 2011                | \$4.51 | \$3.50 | \$3.95 | \$3.25 | (2)    | (2)    |
| Fiscal Year 2012, Quarter Ended: |        |        |        |        |        |        |
| March 31, 2012                   | \$3.90 | \$3.50 | \$3.78 | \$3.20 | \$0.35 | \$0.20 |

Our warrants and common stock began trading separately on August 4, 2011.
Our warrants did not trade during the fourth quarter of 2011.

As of April 20, 2012, the closing sales price of our units, common stock and warrants on the OTC Bulletin Board was \$3.50, \$3.055 and \$0.35, respectively. As of April 18, 2012, there were approximately 265 stockholders of record of our common stock.

### Management's Discussion and Analysis

#### of Financial Condition and Results of Operations

The following discussion and analysis of our results of operations and financial condition should be read in conjunction with our financial statements and related notes appearing elsewhere in this prospectus. This discussion and analysis contains forward looking statements that involve risks, uncertainties and assumptions. The actual results may differ materially from those anticipated in these forwarding looking statements as a result of certain factors, including but not limited to, those which are not within our control.

#### Overview

We were formed under the laws of the State of Delaware on January 7, 2008. On April 2, 2008, we changed our name from Specialty Metals Group Indium Corp. to SMG Indium Resources Ltd. On May 4, 2011, we amended our certificate of incorporation to provide for 40,000,000 shares of authorized common stock, par value \$0.001 per share and 1,000,000 shares of authorized preferred stock, par value \$0.001. In addition, we amended our corporate charter extending the life of the Company to perpetuity. We were formed to purchase and stockpile the specialty metal indium. We intend to utilize cash derived from the proceeds of offerings of our capital stock, debt, or a combination of cash, capital stock and debt, for acquiring and storing indium.

In 2010, we completed a private placement that resulted in net proceeds of approximately \$5.6 million. With the capital raised through the private placement, we began purchasing and stockpiling indium. In May 2011, we completed an IPO of an aggregate of 5,084,750 units at \$5.00 per unit and raised aggregate net proceeds of approximately \$24.0 million including the partial exercise of the underwriters' overallotment option. Each IPO unit consisted of one share of the Company's common stock and one redeemable common stock purchase warrant. Each warrant entitles the holder to purchase from the Company one share of common stock at an exercise price of \$5.75 per share commencing with the effective date of the registration statement and expiring on May 4, 2016. Of the total raised in the IPO, 85% of the net proceeds, or approximately \$20.4 million, was committed to be used to purchase and stockpile indium and 15% of the net proceeds, or approximately \$3.6 million, is used for general working capital to fund operations. As of March 31, 2012, we have purchased or committed to purchase a sufficient quantity of indium to satisfy our commitment to use 85% of the net proceeds of the IPO for the purchase of indium.

Effective August 4, 2011, the units sold in the IPO were eligible to be separated and in addition to the units trading under the ticker symbol SMGIU.OB, the common stock and the warrants trade separately under the ticker symbols SMGI.OB and SMGIW.OB, respectively.

On January 5, 2012, we closed a private placement, the 2012 Private Placement, of an aggregate of 2.0 million shares of our common stock at \$3.75 per share to two accredited investors, Raging Capital Fund, L.P. and Raging Capital Fund (QP), L.P., for an aggregate purchase price of \$7.5 million. Raging Capital Management, LLC is the general partner of Raging Capital Fund, L.P. and Raging Capital Fund (QP), L.P., respectively, and collectively, the entities represent our largest stockholder(s). Such entities are affiliated and controlled by William C. Martin, our director and member of our Manager, Specialty Metals Group Advisors LLC. We intend to use 85% of the gross proceeds, or approximately \$6.4 million, from such transaction to purchase and stockpile the metal indium and 15% of the gross proceeds, or approximately \$1.1 million, for general corporate purposes.

### **Our Company**

We were formed to purchase and stockpile the metal indium. Our strategy is to achieve long-term appreciation in the value of our indium stockpile, and not to actively speculate with regard to short-term fluctuations in indium prices. We plan to achieve long-term appreciation in the value of our indium stockpile primarily through price appreciation of the physical metal. Although the price of indium has declined substantially from its high in March 2005, it is our belief that the long-term industry prospects for indium are attractive and over time the price of the metal will appreciate. However, there is no assurance that the price of indium or the value of the Company's securities will increase over time. To our knowledge, this is currently the only investment that allows potential stockholders to participate in the price appreciation of indium other than physical delivery of the metal itself. Our structure provides a simple and efficient mechanism by which a potential public stockholder may benefit from the appreciation in the price of indium. Our stockholders have the ability to effectively purchase an interest in indium in a manner that does not directly include the risks associated with ownership of companies that explore for, mine and process indium. Our common shares represent an indirect interest in the physical indium we own.

All of the indium we purchase and own is, and will be, insured and physically stored in third-party warehouses or storage facilities located in the United States, Canada, the Netherlands and/or the United Kingdom. Our Manager, Specialty Metals Group Advisors LLC, which is a related party, will negotiate storage arrangements for our indium holdings and is required to use commercially reasonable efforts to ensure that the indium holdings have the benefit of insurance arrangements obtained on standard industry terms.

We utilize and expect to continue to utilize facilities that meet our requirements that are either (i) located closest in proximity to our indium suppliers in order to reduce transportation fees or (ii) facilities located closest in proximity to our corporate headquarters or satellite offices in order to facilitate our ability to inspect our inventory and reduce future corporate expenses associated with travel. We believe there are numerous third-party storage facilities that provide more than adequate services that meet our criteria, which eliminates the need for hiring a custodian. As of December 31, 2011, we purchased approximately 34.5 mt of indium aggregating approximately \$22.3 million of indium which is currently stored in a secure insured bonded warehouse facility located in New York owned by Brink's. The facilities will be visited at least once per year for inspection. We may insure the warehouse contents above and beyond a bonded warehouse to guarantee we will not sustain a loss in the event of an unforeseen catastrophe or we deem the warehouse company's insurance inadequate.

Our expenses will be required to be satisfied by cash on hand that is not set aside for the purchase of indium. Cash on hand is expected to be sufficient to satisfy our expenses for approximately three years. Our annual cash operating expenses, including management fees, are estimated to be approximately \$1.4 million. We may subsequently lend or sell some, or all, of our indium stockpile to cover our operating expenses. Alternatively, we may seek to raise additional capital to cover our operating expenses through potentially dilutive equity offerings or debt financing. For a detailed description of such expenses, please see "Management of SMG Indium Resources Ltd. - Management Services Agreement." We are a taxable U.S. corporation and are subject to federal and state taxes.

Our stockpile of indium may decrease over time due to sales of indium necessary to pay our annual operating expenses. Without increases in the price of indium sufficient to compensate for such decreases, our NMV may also decline. Regardless of our ability to purchase indium in a timely manner, we incurred initial offering expenses of approximately \$1.5 million and projected yearly cash operating expenses of approximately \$1.4 million. Further, we have and expect to continue to incur, from time to time, non-cash share-based compensation expenses which are not included in the aforementioned yearly cash operating expenses. The price of indium would need to appreciate substantially to offset the reduction in our NMV due to the expenses listed above. The percentage increase required cannot be accurately determined at this time. It is highly dependent upon several variables including, but not limited to, the exact number of kilograms of indium purchased, the average price paid and the amount of time it takes for us to fully spend the proceeds from the 2012 private placement to complete our indium stockpile. The annual average price of indium increased approximately 23.0% in 2011. It increased from \$567 per kilogram in 2010 to \$696 per kilogram in 2011. According to the USGS, the U.S. producer price for indium began the year 2011 at \$570 per kilogram, increased to \$690 per kilogram in April, and rose further to \$785 per kilogram in May; the price remained at that level through early November. The New York dealer price range for indium began the year at \$520 - \$570 per kilogram and increased through early June, reaching a high of \$800 - \$875 per kilogram. The price then decreased to \$630 - \$670 per kilogram by early November before falling further to \$540 - \$600 per kilogram by the end of December. As a result, the price of indium has declined since the closing of our IPO in May 2011 resulting in a decline in NMV of approximately 12.6% and a write down of our indium inventory of approximately \$3.3 million at December 31, 2011. The price of indium on April 18, 2012 was \$550 per kilogram published by Metal Bulletin as posted on Bloomberg L.P.

#### **Critical Accounting Policies and Estimates**

#### **Use of Estimates**

The preparation of financial statements and related disclosures in conformity with United States generally accepted accounting principles ("U.S. GAAP") requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Estimates are used for, but not limited to, valuation of indium inventories, income taxes, share-based compensation and revenue recognition. Management will base its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances. Actual results could differ from these estimates under different assumptions or conditions.

#### **Common Stock Purchase Contracts**

We classify as equity any common stock purchase contracts that: (i) require physical settlement or net-share settlement or gives us a choice of net-cash settlement or settlement in its own shares (physical settlement or net-share settlement, and (ii) is index to our common stock. We classify as assets or liabilities any common stock purchase contracts: (i) require net-cash settlement (including a requirement to net cash settle the contract if an event occurs and that event is outside our control), (ii) gives the counterparty a choice of net-cash settlement or settlement in shares (physical settlement or net-share settlement) or (iii) is not indexed to our common stock. We assess classification of our equity-classified contracts at each reporting date to determine whether a change in classification between assets and liabilities is required. Our outstanding common stock purchase contracts (warrants and unit purchase options) were accounted for as equity through December 31, 2011.

#### **Employee Share-Based Payment Arrangements**

We measure the cost of employee services received in exchange for an award of equity instruments (share based payments or "SBP") based on the grant-date fair value of the award. That cost is recognized over the period during which an employee is required to provide service in exchange for the SBP award—the requisite service period (vesting period). For SBP awards subject to performance conditions compensation is not recognized until the performance condition is probable of occurrence. The grant-date fair value of share options is estimated using the Black-Scholes-Merton option pricing model. Compensation expense for SBP awards granted to nonemployees is remeasured each period as the underlying options vest.

#### Inventory or "Stockpile" of the Metal Indium

Our inventory or "stockpile" of the metal indium is recorded at cost including all associated costs of delivering the indium to the bonded storage warehouse on the date we take delivery of the physical metal. Cost is determined using the specific- identification method. The stockpile of the physical metal indium is classified as noncurrent as we do not expect to sell any of the indium during the next twelve months. The stockpile of the physical metal indium is carried at the lower of cost or market with cost being determined on a specific-identification method and market being determined as the net realizable value based the spot prices obtained from Metal Bulletin on Bloomberg L.P., a real-time financial information services data platform. We will charge against earnings on an interim basis the amount by which the spot price of indium is less than cost on a specific-identification basis. Increases in the spot price of indium held in inventory in later interim periods within the fiscal year are recognized in the later interim period. Increases in value recognized on an interim basis do not exceed the previously recognized diminution in value within that fiscal year. However, it should be noted that there may not be a correlation between the spot price of indium as publish by Metal Bulletin and posted on Bloomberg L.P. and the amount we may realize upon selling indium in the open market.

Further, we periodically review the indium stockpile to determine if a loss should be recognized where the utility of indium has been impaired on an other-than-temporary basis. Where such impairment is viewed as something other than temporary, we will charge against earnings the amount by which the fair market value is less than the cost. Realized gains (losses) from sale transactions will be determined for income tax and for financial reporting purposes on a specific-identification method when incurred. At December 31, 2011, certain of lots of indium were adjusted to reflect a lower of cost or market write-down of approximately \$3.3 million.

# **Income Taxes**

Income taxes are accounted under the asset-and-liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to the differences between the financial statement carrying amounts of existing assets and liabilities and the respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. The portion of any deferred tax asset for which it is more likely than not that a tax benefit will not be realized must then be offset by recording a valuation allowance. A valuation allowance has been established against all of the deferred tax assets, as it is more likely than not that these assets will not be realized given our history of operating losses. We recognize the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than 50% likely of being realized. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs.

#### **Revenue Recognition — Accounting for Direct Sales and Lending Transactions**

The stockpile of indium may be used from time to time for "direct sales" and or "lending" transactions. Under a "direct sale" transaction, we would record a gain (loss) equal to the difference between the proceeds received from the sale of indium and the indium carrying value. We may also elect to enter into a lending transaction. In indium lending transactions, we would exchange a specified tonnage and purity of indium for cash. Title and the risks and rewards of such indium ownership would pass to the purchaser/counterparty in the lending transaction. We would simultaneously enter into an agreement with such counterparty in which it would unconditionally commit to purchase and the counterparty would unconditionally commit to sell a specified tonnage and purity of indium that would be delivered to us at a fixed price and at a fixed future date in exchange for cash (the Unconditional Sale and Purchase Agreement or "USPA"). The USPA would also contain terms providing the counterparty with substantial disincentives ("penalty fees") for nonperformance of the return of indium to the Company as a means to assure our future supply of indium. While we believe that this risk would be mitigated by the penalty fee features of the USPA, it is nonetheless a risk associated with a transaction of this type. We anticipate accounting for any USPA transaction on a combined basis (sale and purchase) and will evaluate whether, and in what period, revenue may be recognized based on the specific terms of any arrangements. We will disclose unconditional purchase obligations under these arrangements and, if applicable, accrue net losses on such unconditional purchase obligations. On March 2, 2012, we entered into a USPA where we agreed to sell 1,000 kilograms of 99.99% purity indium at a fixed price and the buyer agreed to sell back to us 1,000

kilograms of 99.99% purity indium at a fixed price that is \$20 less per kilogram than we originally sold indium to the buyer.

#### **Recently Issued Accounting Pronouncements**

Recently issued accounting pronouncements did not, or are not believed by management to, have a material effect on the Company's present or future financial statement.

**Results of Operations** 

Year 2011 compared to Year 2010

The results of operation for the years ended December 31, 2011 and 2010 are as follows:

|  | Year Ended December 31,        |                            |  |
|--|--------------------------------|----------------------------|--|
|  | 2011                           | 2010                       |  |
| Operating Costs:   |                                |                            |  |
| Inventory-indium write-down  | \$3,254,874                    | \$ -                       |  |
| Operating expenses-Manager-related party   | 691,171                        | -                          |  |
| Officers and directors compensation expense  | 233,275                        | -                          |  |
| Other operating expenses   | 615,095                        | 38,022                     |  |
| Total Operating Costs  | 4,794,415                      | 38,022                     |  |
| Other expense (income):<br>Interest expense - Manager-related party<br>Interest income<br>Net Loss | 5,300<br>(27,062<br>(4,772,653 | ,                          |  |
| Preferential Dividend to Class A Common Stockholders   | (2,359,755                     | ) -                        |  |
| Net Loss Applicable to Common Stockholders<br>Net Loss per Common Share - Basic and Diluted        | \$(7,132,408<br>\$(1.61        | ) \$(54,142)<br>) \$(0.35) |  |
| Net Loss per common share - Dasie and Difuted  | φ(1.01                         | ) Φ(0.55 )                 |  |
| Weighted Average Number of Common Shares Outstanding - Basic and Diluted                           | 4,443,019                      | 155,000                    |  |

# Revenues

We have not generated any revenues to date. We do not expect to generate revenues since our primary business plan is to purchase and stockpile already mined and processed indium ingots. Notwithstanding the rise and fall of the price of indium from period to period, the value of our indium stockpile or inventory of indium, will be recorded on our balance sheet at the lower of cost or market. We will not record any revenues until such time we either sell indium from our inventory or until we lend indium.

# Year ended December 31, 2011 compared to December 31, 2010 comparable period

For the year ended December 31, 2011, total operating costs were approximately \$4.8 million including approximately \$3.3 million for the non-cash, lower of cost or market write-down of indium inventory for specific lots of indium. Total operating costs, exclusive of the write-down for the year ended December 31, 2011 were approximately \$1.5 million compared to operating expenses of approximately \$38 thousand for the year ended December 31, 2010, representing an increase of approximately \$1.5 million. The increase in operating expenses during 2011 was due to (1) approximately \$0.7 million of expenses of the Manager, a related party, including the 2% manager fee under the MSA of approximately \$0.4 million, approximately \$0.1 million bonus award and non-cash compensation expense of approximately \$0.2 million, and (2) director and officers' compensation expenses of

approximately \$0.2 million including non-cash compensation expenses relating to options and share awards of approximately \$0.1 million for the year ended December 31, 2011. Upon the closing of the IPO in May 2011, we became a public, operating company and were no longer in the development stage and have incurred operating expenses aggregating approximately \$0.6 million associated with our business plan including higher storage fees for our inventory of indium, expenses, including legal and accounting fees associated with being a public company and higher franchise taxes. Based on our current business plan, we expect that our normal cash operating expenses will approximate \$1.4 million over the next few years. Interest expense decreased approximately \$11 thousand during the year ended December 31, 2011 and interest income increased approximately \$27 thousand when compared to the year ended December 31, 2010, due to the exchange of the note payable for stock options and the increase in cash and cash equivalents available for investing, respectively.

For the year ended December 31, 2011, we reported net loss applicable to common stockholders of approximately \$7.1 million (or \$1.61 per basic and diluted share) as compared with a net loss for the year ended December 31, 2010 of approximately \$54 thousand (or \$0.35 per basic and diluted share). The increase of approximately \$7.1 million for the year ended December 31, 2011 was substantially due to the non-cash preferential dividend to Class A Common Stockholders of approximately \$2.4 million, the non-cash inventory write-down of approximately \$3.3 million mentioned above and higher operating expenses.

We expect our monthly expenses to increase or decrease with the change in our NMV. The monthly management fee payable to our Manager, a related party, is directly correlated to our NMV, which fluctuates primarily based on the price of indium. Furthermore, our monthly storage and insurance expense is directly correlated to the quantity of indium held in inventory and to the increase or decrease in the value of our indium stockpile. Given the fee structure with our Manager and our operational expenses, as NMV increases our expenses will increase without any additional cash to pay such expenses.

# GAAP vs. Non-GAAP Disclosure

We use the term NMV throughout this report when we discuss the value of our indium holdings. We define the term NMV, as used in this report, as the product of multiplying the number of kilograms of indium held by us at any given point by the spot price for indium as published by the Metal Bulletin as posted on Bloomberg L.P., plus cash and our other assets, less any liabilities. The use of the term NMV is a non-GAAP financial measurement. A reconciliation of the Non-GAAP NMV to the GAAP historical net book value is as follows:

|  | December 31, |             |  |
|--|--------------|-------------|--|
|  | 2011         | 2010        |  |
| U.S. GAAP net book value                                 | \$25,064,805 | \$4,966,792 |  |
| Excess of the indium spot price over GAAP net book value | 642,727      | 573,863     |  |
| NMV  | \$25,707,532 | \$5,540,655 |  |

The reason why the Company relies on this term is because:

it is a measurement of the true value of our indium holdings at any given point and thus is a primary factor in •evaluating the general liquidity of the Company should the Company ever decide to sell any or all of its indium holdings;

it provides the greatest transparency to our stockholders in evaluating how we are doing relative to the indium •purchased by us when compared to the current market prices for indium as published by Metal Bulletin on Bloomberg L.P.;

to internally evaluate the performance of the Manager, a related party, who is entitled to a management fee based upon the NMV metric each month;

•to provide additional disclosures about the value of our indium holdings and the potential impact that such value would have on our operating results on a true period-to-period basis in terms of the market value of such indium

holdings;

•

it provides the most useful tool for stockholders and potential investors to evaluate how management has done in terms of the indium purchased versus the NMV at any given point;

it more readily provides a market value metric that may be useful in analyzing trends or other market conditions that a historical cost presentation might not; and

it provides a meaningful liquidity measurement for our indium stockpile.

No assurances can be given that we could liquidate our indium holdings at the market prices published by Metal Bulletin as posted on Bloomberg L.P.

### Liquidity and Capital Resources

Since our inception, we have incurred net losses of approximately \$5.2 million and we have not yet achieved profitability. We also recorded an approximate \$2.4 million non-cash preferential dividend to Class A Common Stockholders resulting in an accumulated deficit of approximately \$7.5 million at December 31, 2011. We expect that our normal cash outlays for general and administrative expenses will continue to increase as our inventory of indium increases and, as a result, we will need to generate significant revenues to achieve profitability. However, we do not expect to generate significant revenues over the near term or achieve profitability because our primary business plan is to purchase and stockpile already mined and processed indium ingots. As a result, we expect to continue to incur operating losses and we may never achieve profitability. Our strategy is to achieve long-term appreciation in the value of our indium stockpile and not to actively speculate with regard to short-term fluctuations in indium prices. However, there is no assurance that there will be long-term appreciation in the price of indium. In fact, the price of indium has declined since the closing of our IPO. Historically, the fluctuations in these prices have been, and will continue to be, affected by numerous factors beyond our control.

The purpose of our Company is to permit a simple and efficient mechanism by which an investor may benefit from the appreciation in the price of indium. The value of our Company is designed to track and correspond with fluctuations in the price of indium. In theory, our stock price should correlate to increases or decreases in the value of our Company, which is directly tied to fluctuations in indium prices. We will not generate any revenues until such time as we either sell indium from our inventory or lend indium. We expect our monthly expenses to increase or decrease with the change in our NMV. The monthly management fee payable to our Manager is directly correlated to our NMV, which fluctuates primarily based on the price of indium. Furthermore, our monthly storage and insurance expense is directly correlated to the quantity of indium held in inventory and to the increase or decrease in the value of our indium stockpile.

As of December 31, 2011, we have cash and cash equivalents of approximately \$3.5 million and cash and cash equivalents restricted for indium purchases of approximately \$2.7 million for aggregate cash and cash equivalents at December 31, 2011 of approximately \$6.2 million compared to cash and cash equivalents of \$0.7 million at December 31, 2010. Our primary source of funds has been from the public and private sale of equity securities. In 2009 and 2010, we received net proceeds of \$5.6 million in connection with a private placement of our Class A common stock and warrants and in May 2011, we raised net proceeds of approximately \$24.0 million in connection with our IPO. See Note 3 of notes to financial statements. Further, in January 2012, we raised net proceeds of \$7.5 million from the 2012 Private Placement.

We were required to utilize 85% of the net proceeds from the IPO to purchase indium. As on March 31, 2012, we have purchased or committed to purchase a sufficient quantity of indium to satisfy our commitment with respect to the IPO. In January 2012, we raised net proceeds of \$7.5 million in the 2012 Private Placement. We intend to use 85% of the gross proceeds from the 2012 Private Placement, or approximately \$6.4 million for the purchase of indium and 15%, or approximately \$1.1 million, for general corporate purposes. We have available approximately \$4.5 million at March 1, 2012 available to fund general corporate expenses. We expect that these funds will be sufficient to allow us

to operate for at least three years from December 31, 2011. Over this time period, we will use these funds for paying the annual related party Manager's fee for the acquisition, storage, insuring and disposition of indium on our behalf and reviewing corporate, title, environmental, and financial documents and material agreements regarding the acquisition, storage, insuring and disposition of indium on our behalf. We anticipate that we will incur annual cash expenses of approximately \$1.4 million in the aggregate including: (i) storage and insurance for indium — \$0.1 million; (ii) the annual related-party Manager's fee — \$0.7 million; (iii) director and officer liability insurance premiums — \$0.1 million; and (iv) other general and administrative expenses including officer and director expenses and public company costs including legal and accounting fees — \$0.5 million. Further, we have and we expect to continue to incur, from time to time, non-cash compensation expenses, which are not included in the aforementioned normal cash operating expenses. Although we do not believe we will need to raise additional funds in order to meet the expenditures required for operating our business over the next three years, we may need to raise additional capital if we encounter unforeseen costs. The proceeds, if any, we may receive from the exercise of outstanding options and warrants will be allocated to the purchase of additional indium and for general working capital purposes, including but not limited to the payment of our operating expenses. The exact percentage of the warrant proceeds allocated toward purchasing additional indium and the time period to purchase indium using such proceeds will be determined by the Manager, in its sole discretion.

Although we are currently not a party to any agreement or letter of intent with respect to potential investments in, or acquisitions of, businesses, we may enter into these types of arrangements in the future, which could also require us to seek additional equity or debt financing. Additional funds may not be available on terms favorable to us or at all.

#### Discussion of Cash Flows

The Company's cash flow activity was a follows:

|  | For the Year Ended December 31, |                 |  |  |
|--|---------------------------------|-----------------|--|--|
|  | 2011                            | 2010            |  |  |
| Net cash used in operating activities                | \$ (21,368,940                  | ) \$(3,455,878) |  |  |
| Net cash used in investing activities                | (1,012                          | ) -             |  |  |
| Net cash provided by financing activities            | 24,212,343                      | 544,590         |  |  |
| Net increase (decrease) in cash and cash equivalents | \$ 2,842,391                    | \$ (2,911,288 ) |  |  |

#### Cash Flows Used in Operating Activities

The net cash used in operations in 2011, principally represents the usage of the restricted cash (85% of the net proceeds) from the IPO for indium purchases and cash used to fund the operating losses less non-cash compensation expense in 2011. Net cash used in operating activities for the year ended December 31, 2011 was approximately \$21.4 million compared to net cash used in operating activities for the year ended December 31, 2010 of approximately \$3.5 million. The increase of approximately \$17.9 million was due primarily to approximately \$2.7 million in restricted cash for indium purchases at December 31, 2011, approximately \$14.2 million in increased purchases of indium in the year ended December 31, 2011 when compared to the purchases of indium in the comparable period in 2010 and the corresponding increase in net loss less non-cash compensation charges of approximately \$1.1 million. In addition, accounts payable and accrued expenses increased \$0.2 million as a result of higher operating costs since the completion of our IPO in 2011.

#### Cash Flows Used in Investing Activities

The net cash used in investing activities in 2011 related to the purchase of equipment.

Cash Flows from Financing Activities

The net cash provided by financing activities for both 2011 and 2010 represents net proceeds received from sales of our equity securities including our IPO in the second quarter of 2011 and a private placement that was completed in early 2010.

### Working Capital, Indium Inventory and Indium Purchase Commitments

At December 31, 2011, we had working capital of \$3.4 million. This represents an increase of approximately \$3.0 million from the working capital of approximately \$0.4 million at December 31, 2010. The increase in working capital was primarily due to the 15% of the net proceeds (or \$3.6 million) received from the IPO, which is available for working capital needs net of operating expenses in 2011. In January 2012, we raised net proceeds of \$7.5 million from the 2012 Private Placement of which \$1.1 million is available for working capital.

Our activity since the closing of the private placement and the IPO has been centered on purchasing indium. From inception to December 31, 2011, the Manager, a related party, purchased on our behalf approximately 34.5 metric tons of indium at an average cost of approximately \$646 per kilogram. These purchases were funded from the net proceeds received in 2009 and 2010 from a private placement coupled with the May 2011 IPO net proceeds. As of December 31, 2011 and 2010, we held 34,459 and 9,182 kilograms of indium, respectively, in inventory at Brink's. We are the named insured by Lloyds of London. As of December 31, 2011 and 2010, our aggregate cost basis for the indium was approximately \$22.3 million and \$4.6 million, respectively, or approximately \$646 and \$500 per kilogram, respectively. The majority of our indium stockpile is metal of Chinese origin with a purity level of 99.995%, or 4N5. At December 31, 2011, we recorded a \$3.3 million lower of cost or market write-down as a result of the quoted price of indium at December 31, 2011 being less than our costs for certain lots in inventory.

Since completion of the IPO and through December 31, 2011, we purchased and took delivery of an aggregate of 25,277 kilograms of indium in 17 purchase orders from five separate suppliers at an average purchase price of \$699 per kilogram at a total cost of approximately \$17.7 million. As of December 31, 2011, we were committed to spend an additional \$2.7 million on indium purchases to meet our commitment to spend 85% of the net proceeds from our IPO. Subsequent to December 31, 2011 and through March 1, 2012, we purchased and took delivery of an additional 5,012 kilograms of indium from three purchase orders at a price of \$527 per kilogram for a total cost of \$2.6 million. Also, through March 1, 2012, we have one outstanding purchase commitment for 2,000 kilograms of indium at a price of \$520 per kilogram for a total cost of approximately \$1.04 million for which we have neither taken delivery nor paid for such purchases. Such purchases and purchase commitments of indium aggregated approximately \$3.6 million as of March 1, 2012 fully completing our commitment to expend 85% of the net proceeds from the IPO. Since inception and through March 31, 2012, we have purchased and committed to purchase an aggregate of approximately 42,475 kilograms at an average purchase price of \$623 per kilogram.

### **Off-Balance-Sheet Transactions**

We are not party to any off-balance-sheet transactions.

# **Contractual Commitments**

Our major contractual obligations relate to the MSA. The MSA has an initial term of five years, with options to renew the agreement on terms mutually acceptable to each party and may be terminated by either party upon 90 days prior written notice. The Company is responsible for paying all costs and expenses incurred in connection with the business, except those expressly assumed by the Manager. The Company pays the Manager a fee equal to 2% per annum, payable monthly, of its NMV beginning upon the successful completion of the IPO. Such Manager fees aggregated approximately \$0.4 million during the year ended December 31, 2011.

#### **Business**

#### Introduction

We are a corporation established pursuant to the laws of Delaware on January 7, 2008. On April 2, 2008, we changed our name from Specialty Metals Group Indium Corp. to SMG Indium Resources Ltd. We operate a single-segment business whose primary business purpose is to purchase and stockpile indium, a specialty metal that is being increasingly used as a raw material in a wide variety of consumer electronics manufacturing applications. Effective with the quarter ended June 30, 2011 we are considered an operating company and are no longer considered a development stage company.

We were formed to purchase and stockpile the metal indium. Our strategy is to achieve long-term appreciation in the value of our indium stockpile, and not to actively speculate with regard to short-term fluctuations in indium prices. We plan to achieve long-term appreciation in the value of our indium stockpile primarily through price appreciation of the physical metal. Although the price of indium has declined substantially from its high in March 2005, it is our belief that the long-term industry prospects for indium are attractive and over time the price of the metal will appreciate. Price appreciation of the metal indium held in our stockpile is critical for us to maintain our NMV and for investors to receive a return on their investment. However, there is no assurance that the price of indium or the value of our securities will increase over time. To our knowledge, this is currently the only investment that allows potential stockholders to participate in the price appreciation of indium other than physical delivery of the metal itself. Our structure provides a simple and efficient mechanism by which a public stockholder may benefit from the appreciation in the price of indium, if any. Our stockholders have the ability to effectively purchase an interest in indium in a manner that does not directly include the risks associated with ownership of companies that explore for, mine and process indium. Our common shares represent an indirect interest in the physical indium we own.

All of the indium we purchase and own is, and will be, insured and physically stored in reputable, adequately capitalized and insured third-party warehouses or storage facilities located in the United States, Canada, the Netherlands and/or the United Kingdom. These third party facilities provide storage and safeguard of our indium inventory, insurance, handle the transfer of our indium inventory in and out of the facility, visual inspections, spot checks, arrange and facilitate independent third-party random assays, confirmation of deliveries to supplier packing lists, and reporting of transfers of inventory to us.

We utilize and expect to continue to utilize facilities that meet our requirements that are either (i) located closest in proximity to our indium suppliers in order to reduce transportation fees or (ii) facilities located closest in proximity to our corporate headquarters or satellite offices in order to facilitate our ability to inspect our inventory and reduce future corporate expenses associated with travel. We believe there are numerous third-party storage facilities that provide more than adequate services that meet our criteria, which eliminates the need for hiring a custodian. From inception until December 31, 2011, our Manager, Specialty Metals Group Advisors LLC, which is a related party,

purchased on our behalf approximately 34.5 mt of indium, which is currently stored in an insured, secure facility in New York owned and operated by Brink's, a bonded warehouse. We expect our chief executive officer or our chief operating officer to inspect the facilities. The facilities are visited at least once per year for inspection. We may insure the warehouse contents above and beyond a bonded warehouse to guarantee we will not sustain a loss in the event of an unforeseen catastrophe or we deem the warehouse company's insurance inadequate.

Our expenses will be required to be satisfied by cash on hand that is not set aside for the purchase of indium. Cash on hand that is not set aside to purchase indium is expected to be sufficient to satisfy our operating expenses for approximately three years. Our annual cash operating expenses, including management fees, are estimated to be approximately \$1.4 million. We may subsequently lend or sell some, or all, of our indium stockpile to cover our operating expenses. Alternatively, we may seek to raise additional capital to cover our operating expenses through potentially dilutive equity offerings or debt financing. Our stockpile of indium may decrease over time due to sales of indium necessary to pay our annual operating expenses. Without increases in the price of indium sufficient to compensate for such decreases, our net market value ("NMV") may also decline. Our stockpile of indium may also decrease over time due to sales of indium against purchases of common shares that are priced lower than our NMV per common share. In such instances, our NMV per common share would rise.

All of our indium transactions are negotiated by our Manager, a related party. Our Manager is paid a 2.0% per annum fee based on our NMV as compensation for these services. The NMV shall be determined by (x) multiplying the number of kilograms of our indium holdings by the last spot price for indium published by Metal Bulletin PLC posted on Bloomberg L.P., plus cash and any other assets, less any and all of our outstanding payables, indebtedness and any other liabilities, (y) divided by our total number of outstanding shares of our common stock. Our Manager is entitled to receive the 2.0% management fee regardless of its ability to successfully purchase and stockpile the metal indium. Our officers and directors have limited experience in stockpiling the metal indium, although our chief executive officer has experience purchasing, selling, storing and lending precious metals, base metals, non-exchange traded metals, and illiquid metals. Our Manager:

•first and foremost, purchases and stockpiles indium ingots with a minimum purity level of 99.99% on our behalf;

negotiates storage arrangements for our indium stockpile in warehouses or third-party facilities located in the United States, Canada, the Netherlands and/or the United Kingdom;

makes sure the stockpile is fully insured by either the storage facility's insurance policy, a separately purchased insurance policy, or both;

purchases insurance on standard industry terms to insure the indium which we own during its transportation to and from the storage facility;

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is responsible for conducting limited inspections of the indium delivered to us;

relies on the good faith of its suppliers to provide indium that meets our requirements. If indium is purchased from a third-party supplier that is not known to be a regular indium industry supplier, our Manager, at its discretion, may hire, at our expense, an independent lab to perform random assay tests to verify the purity of the indium. The Manager uses only reputable assayers recommended by reliable third-party sources;

may lend and/or sell indium from our stockpile, based on market conditions;

publishes on our website the spot price of indium, our NMV and the quantity of indium held in inventory on a bi-weekly basis.

Metal Bulletin's bi-weekly indium price quotation is posted on our website, www.smg-indium.com. If for any reason, Metal Bulletin's bi-weekly indium price quotation is not available, other independent indium quotation providers are available including Platt's Metals Week, Metal-Pages Ltd., Asian Metal Ltd. and Metal Prices. Within two business days of any change in inventory held, the quantity of indium is published on our website.

We are not legally prohibited from pursuing other business strategies pursuant to our certificate of incorporation, as amended, or any other corporate document. If based on market conditions our Manager determines that it may be in our best interest to expand our lending and/or selling activities beyond what is necessary to cover operating expenses or if the Manager determines that we should begin actively speculating on short-term fluctuations in indium prices or pursue strategic transactions with other companies operating in the indium market including the Federal Government, the Manager will be required to obtain the approval of our board of directors to adopt such a strategic change in our business directive. Additionally, we will promptly notify stockholders of any such modifications to our stated business plan. Presently, our operations are limited to purchasing, stockpiling, lending and selling only the metal indium.

### **Suppliers**

We have and intend to stockpile already mined and processed indium ingots with a minimum purity level of 99.99%, known as 4N or four nines grade. Based on common industry knowledge and our established indium industry relationships, we can determine which companies are regular indium industry suppliers. We consider companies granted indium export licenses from the Chinese government as regular indium industry suppliers. We consider companies like Teck Resources Limited., Xstrata Plc, Indium Corporation of America, Umicore Indium Products Co. Ltd., and Aim Specialty Materials as regular industry suppliers because they are all well known within the industry and have well established reputations. We consider metal trading houses listed in our "Competition" section like Traxys North America LLC, Glencore International AG, Wogen PLC, 5N Plus Inc., etc. that have years and in some cases, decades of experience within the industry as regular indium industry suppliers. We use subjective criteria to determine whom we do business with and for competitive reasons we do not disclose specifically which companies we intend to do business. Currently, an established regular indium industry designated supplier list does not exist.

## **Strategy and Policies**

Through December 31, 2011, we purchased approximately 34.5 metric tons of indium. As of March 31, 2012, we have either taken delivery of or contracted to take delivery of approximately an additional 8 metric tons of 99.99% purity indium (at an average price of \$524 per kilogram) to fully meet our commitment of utilizing 85% of the net proceeds from our initial public offering ("IPO") to purchase indium. Our business model is premised on the long-term appreciation in the value of our indium stockpile. In order to facilitate our business plan, our Manager may elect to purchase indium under long-term supply contracts. Information regarding how much and the percentage of the total indium supply is currently under long-term contracts is not known. This may hinder our ability to enter into long-term supply contracts with industry suppliers, purchase and stockpile indium, and fulfill our business plan in a timely manner.

Our ability to complete our business plan could be adversely affected by the substantial competition we face in the marketplace. There are a substantial number of manufacturers that require indium for the production of flat panel displays ("FPDs"), liquid crystal display ("LCDs"), personal digital assistant ("PDAs"), light emitting diodes ("LEDs") and copper indium gallium selenide ("CIGS") thin film photovoltaics. We expect to compete with manufacturers for purchase of the primary indium supply. The fact that many of these companies have more substantial resources than us and have established relationships with indium industry suppliers may prove to be detrimental to our ability to consummate our business plan.

We may face direct competition from market participants in purchasing our stockpile of indium. There are no other companies, known to us, that have a business model solely dedicated to the purchasing and stockpiling of indium. However, we would have to potentially compete with miners, refiners, suppliers, end- users, traders and other market participants in purchasing indium from suppliers. The companies listed in the "Competition" section are a partial list of companies that are well known indium industry participants that either mine, refine, use, and or trade indium. These companies would be considered indirect competition.

We do not expect to purchase indium from the recycling market. After extensive discussions with indium industry participants, we determined that it is not feasible for us to buy directly from the recycling companies. Recycling scrap indium into 3N7 or higher purity metal ingot is extremely complex and time consuming. Typically, end users (i.e. FPD manufacturers) establish contracts directly with the recyclers. Pursuant to such contracts, the end user supplies the recycler with scrap indium and the recycler specially processes, refines, and then returns the purified recaptured indium to the end user. Typically, recyclers do not sell the recycled indium to anyone else other than the end user who supplied the scrap indium. Industry insiders consider the recycling market a "closed loop." End users and recyclers do not disclose the particulars of their relationships and contracts. This inaccessibility will limit us to the primary indium market. The primary market is smaller than the recycling market and may affect our ability to purchase a sufficient quantity of indium to meet our business plan's objectives in a timely manner. Furthermore, Chinese export restrictions may serve to further reduce our access to more than 50% of the world's primary indium production.

The indium market is illiquid and considered small compared to the base metals. There are a limited number of suppliers and purchasers of indium. If new companies are formed to purchase and stockpile indium, and in the event we raise additional capital to purchase more indium, this may adversely affect our ability to procure sufficient quantities of indium on a timely basis or even at all.

# **Indium Price Trends in 2011**

The annual average price of indium increased approximately 23% in 2011. It increased from \$567 per kilogram in 2010 to \$696 per kilogram in 2011. According to the USGS, the U.S. producer price for indium began the 2011 year at \$570 per kilogram, increased to \$690 per kilogram in April, and rose further to \$785 per kilogram in May; the price remained at that level through early November. The New York dealer price range for indium began the 2011 year at \$520 - \$570 per kilogram and increased through early June, reaching a high of \$800 - \$875 per kilogram. The price then decreased to \$630 - \$670 per kilogram by early November before falling further to \$540 - \$600 per kilogram by the end of December 2011. The price of indium on April 18, 2012 was \$550 per kilogram published by Metal Bulletin as posted on Bloomberg L.P.

#### Accounting for Direct Sales and Lending Transactions

From time to time we may enter into "direct sales and or "lending" transactions. Under a "direct sale" transaction, we would record as income, or loss, the difference between the proceeds received from the sale of indium and the indium carrying value. We may engage in lending indium from time to time if we need additional capital to cover annual operating expenses. A typical loan contract would be for terms of six months or less, and in almost no circumstance would it exceed a period of one year. As lender, we will negotiate an Unconditional Sale and Purchase Agreement ("USPA") with a prospective borrower. As part of the USPA, once all terms are reviewed and approved by our management team, we will physically deliver indium to the borrower.

In indium lending transactions, we would exchange a specified tonnage and purity of indium for cash. Title and the risks and rewards of such indium ownership would pass to the purchaser/counterparty in the lending transaction. We would simultaneously enter into an agreement with such counterparty in which it would unconditionally commit to purchase and the counterparty would unconditionally commit to sell a specified tonnage and purity of indium that would be delivered to us at a fixed price and at a fixed future date in exchange for cash (the USPA). The USPA would also contain terms providing the counterparty with substantial disincentives ("penalty fees") for nonperformance of the return of indium to the Company as a means to assure our future supply of indium. While we believe that this risk would be mitigated by the penalty fee features of the USPA, it is nonetheless a risk associated with a transaction of this type. We anticipate accounting for any USPA transaction on a combined basis (sale and purchase) and will evaluate whether, and in what period, revenue may be recognized based on the specific terms of any arrangements. We will disclose unconditional purchase obligations under these arrangements and, if applicable, accrue net losses on such unconditional purchase obligations.

There is no established market lending rate for indium. The terms of the USPA contracts will stipulate that the indium returned must be of equivalent quantity and purity. An example of a loan to facilitate future purchases of indium would be made to an indium producer, to be repaid by the return of indium of the same quantity and purity along with the possible purchase of additional indium from the producer. In the event of a loan to the producer, in which we have received dollars for the indium lent, there is a risk that the producer will not return the equivalent quantity or quality indium. Failure of the producer to perform is a risk to our business if the price of indium appreciates and we cannot replace the loaned indium at the same or a lower price than we loaned the indium. The ability of the borrower to satisfy the commitment to return the equivalent quantity and purity of indium is a business risk that we face in a lending transaction. However, the penalty fee aspect as detailed in our USPA would somewhat mitigate our overall business risk because the penalty fee would provide funds for us to purchase indium from other sources at less than favorable prices (if applicable). Notwithstanding the foregoing, if the borrower defaults on its obligations under the USPA, there is always the risk that we might not be able to replace the indium lent at favorable prices. In such instances, we may not be able to recoup our losses through litigation and we would assume the loss which could negatively impact our NMV.

#### **Indium Market Overview**

#### **About Indium**

Indium (symbol In) is a rare, very soft, silvery-white malleable metal with a bright luster. It is number 49 on the Periodic Table of Elements with an atomic weight of 114.81. Indium is chemically similar to aluminum and gallium, but more closely resembles zinc. Indium is a rare element and ranks 61st in abundance in the Earth's crust at an estimated 240 parts per billion by weight. This makes it about three times more abundant than silver or mercury. Indium occurs predominantly in the zinc-sulfide ore mineral, sphalerite. Indium is produced mainly from residues generated during zinc ore processing but is also found in iron, lead, and copper ores. According to the USGS, the average indium content of zinc deposits from which it is recovered, ranges from less than 1 part per million to 100 parts per million. Its occurrence in nature with other base metal ores is sub-economic for indium recovery. Pure indium in metal form is considered non-toxic by most sources.

### **Properties and Characteristics of Indium**

Indium is very malleable and ductile and can be easily formed into a wide variety of fabrications. Another distinctive characteristic of indium is that it retains its softness at temperatures approaching absolute zero degrees, making it ideal for cryogenic (freezing or very low temperature) and vacuum applications. The properties of indium may be summarized as follows:

**Low melting point alloy:** It is useful in the high-end optical industry where lenses can be held with the alloy instead of the lens surfaces during the polishing process to minimize surface distortion.

**Lead-free and mercury-free solder industries:** It is commonly used by environmentally friendly electronics goods manufacturers and high-energy alkaline dry cell batteries producers in their respective industries. This reduces or eliminates the use of lead and mercury in soldering.

**Cold Welding:** Oxide-free indium has the ability to cold-weld or attach to itself. Parts coated with indium can be bonded together without the application of heat or chemicals.

**Reduce gold scavenging:** When soldering to gold or gold-plated surface, solder has a tendency to dissolve gold into the joint. The addition of indium to solder will reduce this tendency.

**Bond glass, quartz and ceramics:** These materials cannot be bonded with traditional solders. Indium's unique cold-welding properties allow it to produce a bond in a variety of non-metal applications.

**Transparent Electrical Conductor:** When indium (in the form of indium-tin-oxide) is coated onto various materials such as glass or plastic films, it acts as a transparent electrical conductor and an infrared reflector.

Malleable: Because indium is so soft and pliable (malleable), it can easily fill voids between two surfaces, even at cryogenic (freezing or very low) temperatures.

Indium is an indispensible raw material to the LCD market. Currently, a very small amount of indium is required in the fabrication of the vast majority of flat panel displays produced. This is the primary use of indium today, accounting for 84% of consumption, according to the USGS.

Source: U.S. Geological Survey 2008

Demand for indium, driven by the LCD industry, has grown rapidly in the last decade as flat panel displays have effectively driven the once dominant cathode ray tube ("CRT") into obsolescence. Indium, in the form of indium-tin-oxide ("ITO"), creates the optically transparent electrodes that drive LCD displays on TVs, computer monitors, laptops, tablets, cell phones and other devices. Beyond a few niche applications, LCDs currently do not function without indium and, there is no practical, large scale, substitute transparent conductive oxide. According to investor presentations made by Corning Incorporated, one of the world's largest LCD glass manufacturers, LCD glass

demand has grown from 1.2 billion square feet in 2006 to about 3.2 billion square feet in 2011 and expected to grow to 3.6 billion square feet in 2012.

Source: LCD TV Association LCD Glass Demand Source: Corning Inc. Annual Reports

The cost of the indium contained within an LCD display, relative to the cost of the actual LCD display, is marginal, representing about 1% of the total cost of production. Therefore, industry experts believe that a sharp rise in the price of indium is unlikely to significantly reduce demand for the metal by the LCD industry.

Source: DisplaySearch website: HDTV Status and Outlook

Indium supply is constrained by global smelting capacity capable of indium extraction and production levels, as reported by USGS, has increased over the last two years after decreasing from 2006 through 2009. Indium is a minor by-product of zinc mining (and to a lesser extent, lead and tin) representing a small credit to production. The value of indium mined in 2011 was approximately \$446 million, representing 1.6% of the value of the \$27 billion zinc market in 2011. Currently, there are no indium mines and zinc producers do not increase zinc production for the purpose of extracting additional quantities of indium.

Source: U.S. Geological Survey, 2010

Although production scrap is reworked in the normal course of operations, it is not currently economical to recycle indium from post-consumer scrap from sources such as used LCD displays.

We believe the indium market may be in a structural deficit and that sales from unreported above ground stocks of the metal could be supplementing annual production to compensate for what otherwise would be a supply gap. Furthermore, we believe, based on information obtained from our industry contacts, that these unreported above ground stocks, primarily in China, may be in the process of being drawn down. New technology driven applications for indium are emerging in LED lights, thin-film solar PVs and high performance semiconductors. In recent government sponsored reports, the U.S. and Europe have each identified indium as a critical metal upon which important industries, including clean energy, are dependent. China, Japan and South Korea also view indium as critical to their industries and are either developing strategic stockpiles, or laying the groundwork to do so.

According to USGS, the total production of primary indium was estimated to be 640 mt in 2011. We calculated, based on the prices Metal Bulletin posted on Bloomberg L.P., that the average price for indium was \$696.28 per kilogram in 2011. Based on these figures, we determined that the size of the primary indium market was approximately \$446 million in 2011. Industry information with regards to monthly sales volumes and dollar values of indium transactions is not readily available. Indium does not trade on any forwards or futures exchanges and there are no indium forwards or futures contracts.

#### Applications

#### Flat Panel Displays, LCDs & LEDs

Indium is an essential raw material for a number of consumer electronics applications. The primary commercial application of indium is in coatings for the FPD industry. Indium is most useful when chemically processed with tin-oxide to form ITO, an optically transparent and electrically conductive material. Sputtering targets are placed in a vacuum and thin layers of ITO are then applied as electrical contacts onto LCD glass; the thin, technically pristine sheets of glass used to produce LCDs on electronic devices like television sets, computers and mobile phones. In addition to its unique combination of transparency and conductivity, ITO is also preferred for use in LCD technology due to its other unique qualities of low melting point, good uniformity (which is suitable for large LCDs), fast etching time and long life span. Production of ITO thin-film coatings accounted for approximately 84.0% of global indium consumption. Of the remaining 16.0% of the global indium market, other end uses include solders and alloys, 8.0%; compounds, 5.0%; electrical components and semiconductors, 2.0%; and research and other, 1.0%.

Currently, the new generation of LED backlit LCD TVs and computer monitors, as well as organic light emitting ("OLED") TVs and displays, all use indium. LED is a semiconductor device that emits visible light or infrared radiation when an electric current is passed. The visible emission, often a high-intensity light, is useful in a whole host of applications. Most LED's, such as blue, green and white LEDs, require indium. LEDs are a rapidly expanding market. An early use of high brightness LEDs ("HB-LEDS") was in the automotive sector in the form of lights, dashboard lights and in traffic signals. Backlighting for TVs, computers and cell phones currently drive the bulk of LED demand. LED use in general lighting is in the early stages of adoption and is expected to be a very large market. Japanese LED light bulb sales surpassed incandescent sales in 2011.

# Solar Energy Technology

Indium is increasingly being used as a crucial raw material in the solar energy industry. CIGS is a new semiconductor material comprised of copper, indium, gallium, and selenium. Its main use is for high-efficiency photovoltaic cells (CIGS cells), in the form of a thin-film photovoltaic. The thin-film photovoltaic has several advantages over traditional solar energy technologies. It is lightweight, can be applied on uneven surfaces and can be rolled up when not in use. CIGS shows great promise in the lab in achieving high conversion efficiencies at low costs. According to the USGS, CIGS solar cells require approximately 50 metric tons of indium to produce 1 gigawatt ("GW") of solar power. We believe that over time, as manufacturing efficiencies are achieved through mass production, consumption of indium per GW of CIGS production will decrease by as much as fifty percent compared to USGS's estimate. Research is underway to develop a low-cost manufacturing process for flexible CIGS solar cells that would yield high production throughput. Flexible CIGS solar cells are already in use in roofing materials, and we believe they could also be used in other building integrated photovoltaics ("BIPVs") and in various applications in the aerospace, military and recreational industries.

#### **Other Uses**

Indium is also used in the manufacture of low-melting-temperature alloys. An alloy consisting of 24.0% indium and 76.0% gallium is liquid at room temperature.

Some indium compounds such as indium antimonide, indium phosphide, and indium nitride are semiconductors with useful properties.

- Indium is also used in Laser Diodes (LDs) based on compound semiconductors.
- Ultrapure indium, specifically high purity trimethyl indium, is used in compound semiconductors.

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- Indium oxide is used as transparent conductive glass substrate in the making of electroluminescent panels.
  - Indium is also used as a light filter in low pressure sodium vapor lamps.

Indium is suitable for use in control rods for nuclear reactors, typically in an alloy containing 80.0% silver, 15.0% indium, and 5.0% cadmium.

111-Indium (isotope) is used in medical imaging to monitor activity of white blood cells.

Other uses accounted for 16% of the global indium market, including solders and alloys, 8.0%; components, 5.0%; electrical components and semiconductors, 2.0%; and research and other 1.0%.

# **Supply of Indium**

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According to the USGS, the top five indium producing countries in the world in 2011 were China, Japan, Canada, Republic of Korea and Belgium. China's refinery production of indium was approximately 340 metric tons in 2011. This is approximately 53% of the annual total global refined primary production of 640 mt.

According to the USGS, primary refined production of indium had been relatively flat between 2006 and 2009. Annual worldwide production had ranged between 546 mt to 582 mt per year. Worldwide production actually decreased from 582 mt in 2006 to 563 mt in 2007 and edged up slightly to 573 mt in 2008. Worldwide production fell to 546 mt in 2009 and increased to 609 mt in 2010. Worldwide annual production further increased to an estimated 640 mt in 2011.

During the past decades, dwindling zinc prices forced some high cost and low-grade underground zinc mines and a few older and less efficient zinc refineries to close. Zinc prices soared in 2005 and 2006 to record high levels. In turn, according to the USGS, world mine production of zinc increased from 10 million mt in 2006 to an estimated 11.6 million mt in 2008. The average London Metals Exchange (LME) price for zinc in July 2004 was approximately US\$1,020 per mt. The average LME price for zinc increased to approximately US\$3,340 per mt by July 2006. We believe that this increased primary indium production as well. Higher prices for indium also resulted in increased recycling of production scrap. Despite increasing demand for indium, as with most commodities, higher prices generally leads to increases in production and recycling. More recently, by early 2009, the price of zinc plummeted from the lofty levels witnessed in 2006 and early 2007. Weak zinc prices resulted in curtailed production of zinc. This is reflected in the 2011 USGS Zinc Report which estimates zinc production fell from 11.6 mt in 2008 to 11.2 mt in 2009. Zinc prices more than doubled from its early 2009 lows and maintained those gains in both 2010 and 2011. Consequently, zinc production increased to 12.0 million mt in 2010 and further increased to an estimated 12.4 million mt in 2011. Similarly, primary indium production fell from 573 mt in 2008 to 546 mt in 2009 before rebounding to 609 mt in 2011 and rising to an estimated 640 mt in 2011.

The recycling of indium has increased in recent years. The indium recycling market is now larger than primary refinery production. Recycling scrap indium into 3N7 or higher purity metal ingot is extremely complex and time consuming. Japan is the primary market for indium recycling, with over 450 metric tons per year ("tpy") of secondary indium production capacity, according to Roskill. If recycling activity continues to grow and becomes more efficient, this may serve to increase the total worldwide indium supply.

# China

According to the USGS, China controls over 50% of the world's refined indium production. There are a number of major producers in China, but also numerous smaller producers, relying on purchasing the concentrates from the larger base-metal refiners. China produces approximately 340 metric tons of indium per year.

Source: U.S. Geological Survey 2012

## World Refined Indium Production (Metric Tons)

|                    | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--------------------|------|------|------|------|------|------|
| China              | 350  | 320  | 310  | 280  | 340  | 340  |
| Korea, Republic of | 50   | 50   | 75   | 70   | 70   | 100  |
| Japan              | 55   | 60   | 65   | 67   | 70   | 70   |
| Canada             | 50   | 50   | 45   | 40   | 67   | 65   |
| Belgium            | 30   | 30   | 30   | 30   | 30   | 30   |
| Russia             | 16   | 12   | 12   | 4    | n/a  | n/a  |
| France             | 10   | 10   | 0    | 0    | n/a  | n/a  |
| Brazil             | n/a  | n/a  | n/a  | n/a  | 5    | 5    |
| Peru               | 6    | 6    | 6    | 25   | n/a  | n/a  |
| United States      | 0    | 0    | 0    | 0    | 0    | 0    |
| Other Countries    | 15   | 25   | 25   | 30   | 27   | 30   |
| World Total        | 582  | 563  | 568  | 546  | 609  | 640  |

(1) Table is taken from the U.S. Geological Survey Minerals Commodities Summaries, January 2007 through January 2012.

China is responsible for most of the increased global zinc and indium production in the last two decades. China has now become the world's largest producer and consumer of metals and minerals. Much of China's demand for zinc is a result of infrastructure expansion. The massive development of their mining and smelting industry strained the resources of the country and had a detrimental impact on the environment. The Chinese government responded to this adversity with a policy of replacing small, dirty and inefficient plants with large, new and efficient smelters and refineries designed to comprehensively recover by-products that would otherwise be waste. Additionally, Chinese zinc ores are uncommonly high in their indium content. As Chinese zinc output swelled to 40% of global production, the Chinese policy of comprehensive recovery resulted in a surge of indium production that we believe is unlikely to be replicated outside of China.

Source: USGS and Roskill (2003, 2010) Source: USGS

The Chinese government restricts the export of indium with taxes and quotas. In December 2009, China announced it would reduce export taxes on unwrought indium, indium scrap and indium powder from the 10.0% to 15.0% level in 2009 to 5.0% in 2010. In December 2011, The Ministry of Commerce issued a quota allowing China to export 139 mt of indium in the first half of 2012, approximately 1 mt less than the level in 2011. In October 2010, Bloomberg LP reported that the Ministry of Commerce in China announced the full year 2011 export quota for indium would remain unchanged from 2010 levels at 233 mt. No announcement has yet been made about full year 2012 export quotas.

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We believe that most of China's indium output is exported, with domestic demand currently unable to absorb production. Reuters reported in September 2010 that China's top zinc producer, Zhuzhou Smelter Group Co. Ltd. had agreed to sell 140 mt of indium ingot to leading Chinese metals trader Minmetal, a sister company controlled by the Chinese Government. We believe this material represents a portion of the unreported above ground stocks of indium discussed earlier.

### Canada

The USGS estimated that in 2011 Canada produced 65 mt of indium, a slight decrease from the 67 mt produced in 2010. Teck Resources Ltd. is the largest producer of indium in Canada.

# **United States**

The United States does not produce any primary domestic indium and relies on imports from China, Canada, Japan, Russia, and other countries. Very little indium is recycled in the United States. We believe this is because there is no infrastructure for the collection of used indium-containing products.

### **New Production**

"Critical Materials Strategy", a 2010 U.S. Department of Energy report highlighting the availability of metals required for the development of clean energy technologies identified approximately 50 mt of new indium production that they expect annually by 2015. The countries and respective supplies that are assumed to be coming online by 2015 are (i) Australia (15 mt per year), (ii) South America (15–20 mt per year), (iii) Brazil (15 mt per year) and (iv) Russia (2 mt per year).

# Zinc Supply

According to the USGS, total worldwide zinc production was 8.5 million mt in 2003, 9.6 million mt in 2004, 9.8 million mt in 2005, 10.0 million mt in 2006, 10.9 million mt in 2007, 11.6 million mt in 2008, 11.2 million mt in 2009, 12.0 million mt in 2010 and an estimated 12.4 million mt in 2011. Yearly zinc production dwarfs the 2011 estimated total primary refined indium production figures of 640 mt and the USGS's 2008 estimated 850 mt of recycled indium. Total indium production represents less than one hundredth of one percent of total zinc production on an annual basis.

Zinc is a loosely amalgamated industry, with the top 10 producers accounting for only 40% and 44% respectively of mined and smelted zinc, as reported by Zincor at the July 2011 Southern African Metals Conference: