

GALAXY

Galaxy Resources Limited

...meeting a lithium future

LITHIUM PURE PLAY (ASX:GXY)



- ✦ Global Lithium Company
- ✦ Downstream Integration – Value Add
- ✦ Operating mine in Australia
- ✦ Lithium carbonate chemical facility in China
- ✦ Development flagship lithium potash in Argentina

POWER OF LITHIUM



- Longer Life
- Energy Density
- Environment
- EV Revolution
- US\$11b → US\$43b ('20)

GLOBAL STRENGTH

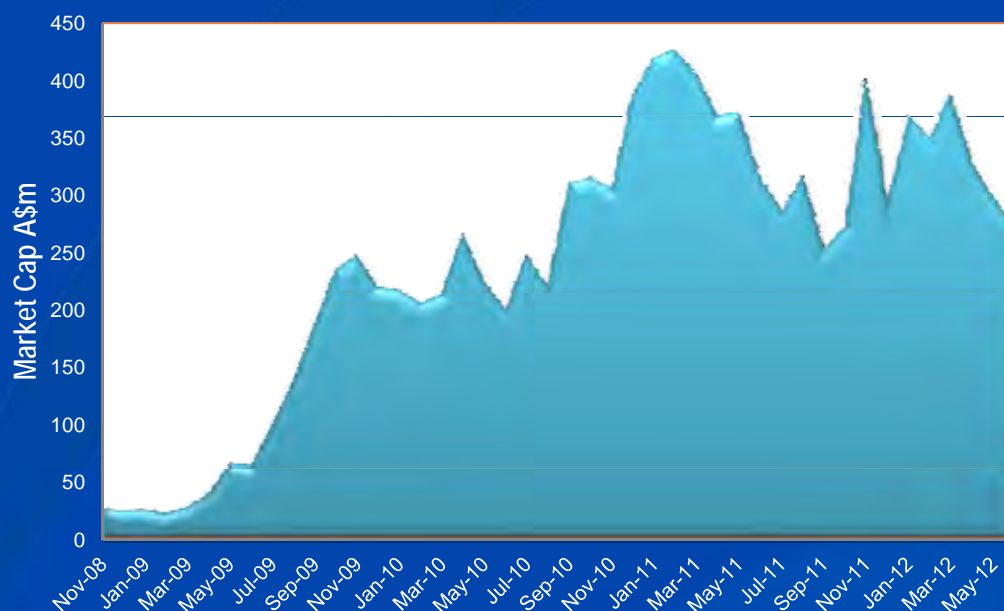


- ◆ Diversification strategy
- ◆ Lithium hard rock and lithium brine assets
- ◆ Four continents - Australia, China, Canada and Argentina
- ◆ Global partners - China, Japan and Korea
- ◆ Established customer base

CORPORATE STRUCTURE

- Registered in Australia and listed on ASX
- Member of the S&P/ASX300 index

Galaxy Market Capitalisation (fully diluted)



CAPITAL STRUCTURE

Shares on issue	507 m
Options on issue	60 m
Share price (as of 7 Sept 12)	A\$0.47
Undiluted market capitalization	A\$ 240m

SUBSTANTIAL SHAREHOLDERS

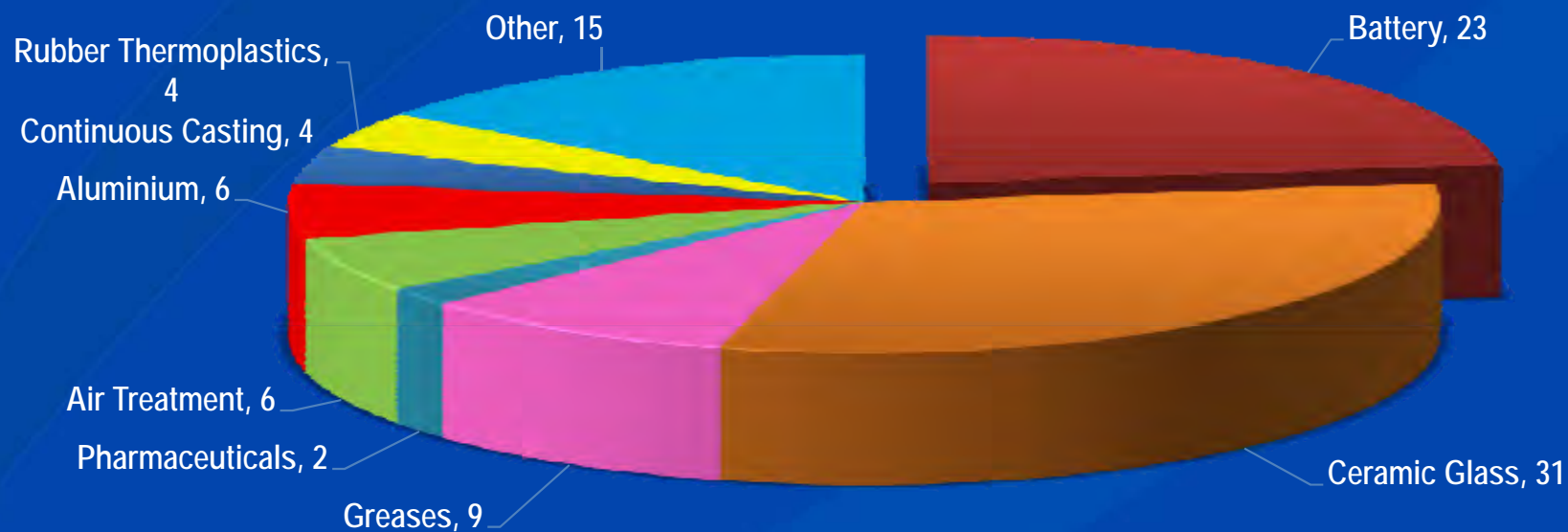
M & G Group / Vanguard	14.1%
Creat Resources	7.5%

OTHER SUBSTANTIAL INVESTORS

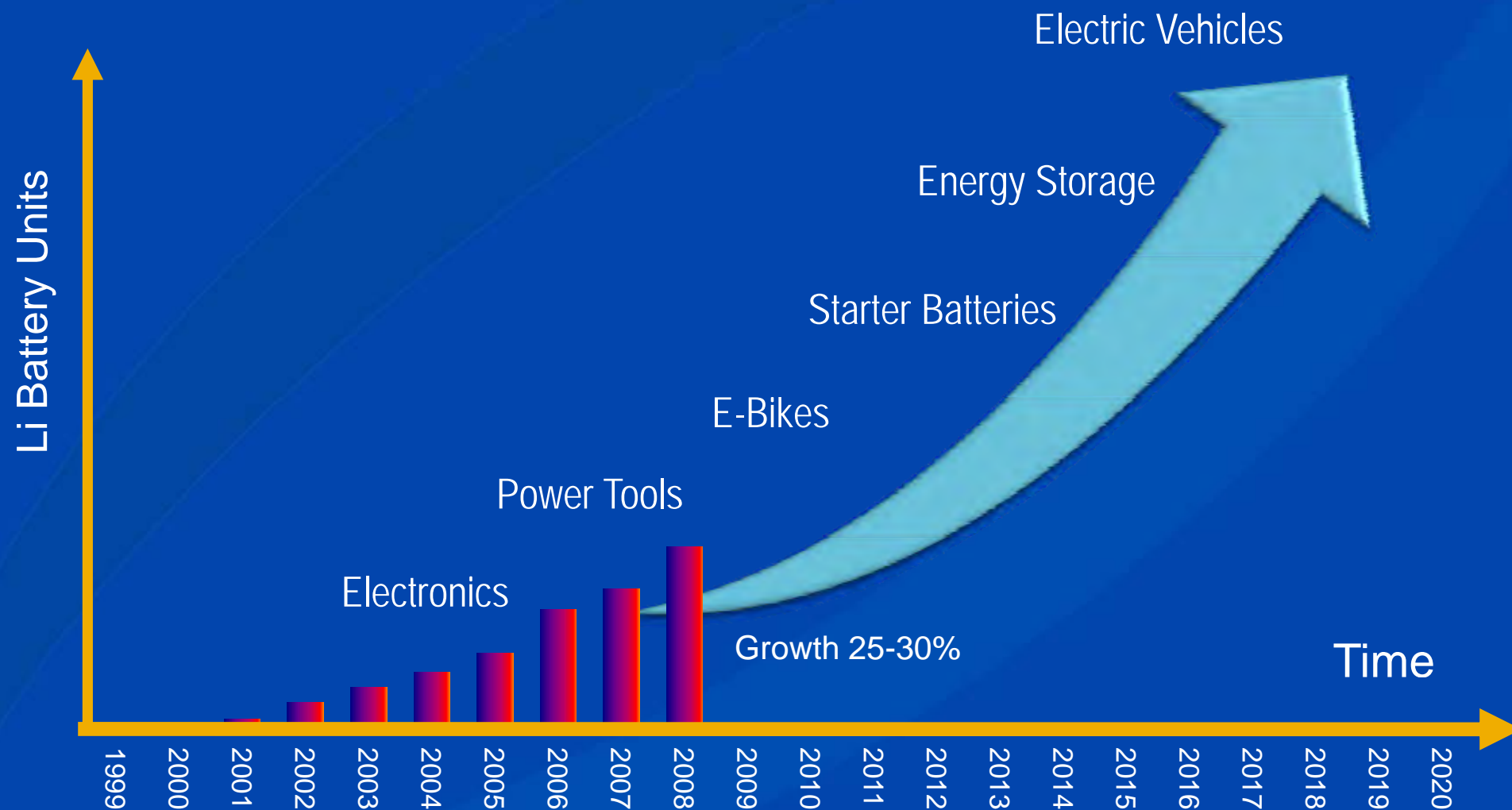
Fengli Group	A\$60m
Li Shu Fu (Geely Motors)	A\$25m

LITHIUM CONSUMPTION

Estimated Consumption of Lithium by end use 2011
(est. 140,000 tons LCE) up 10%

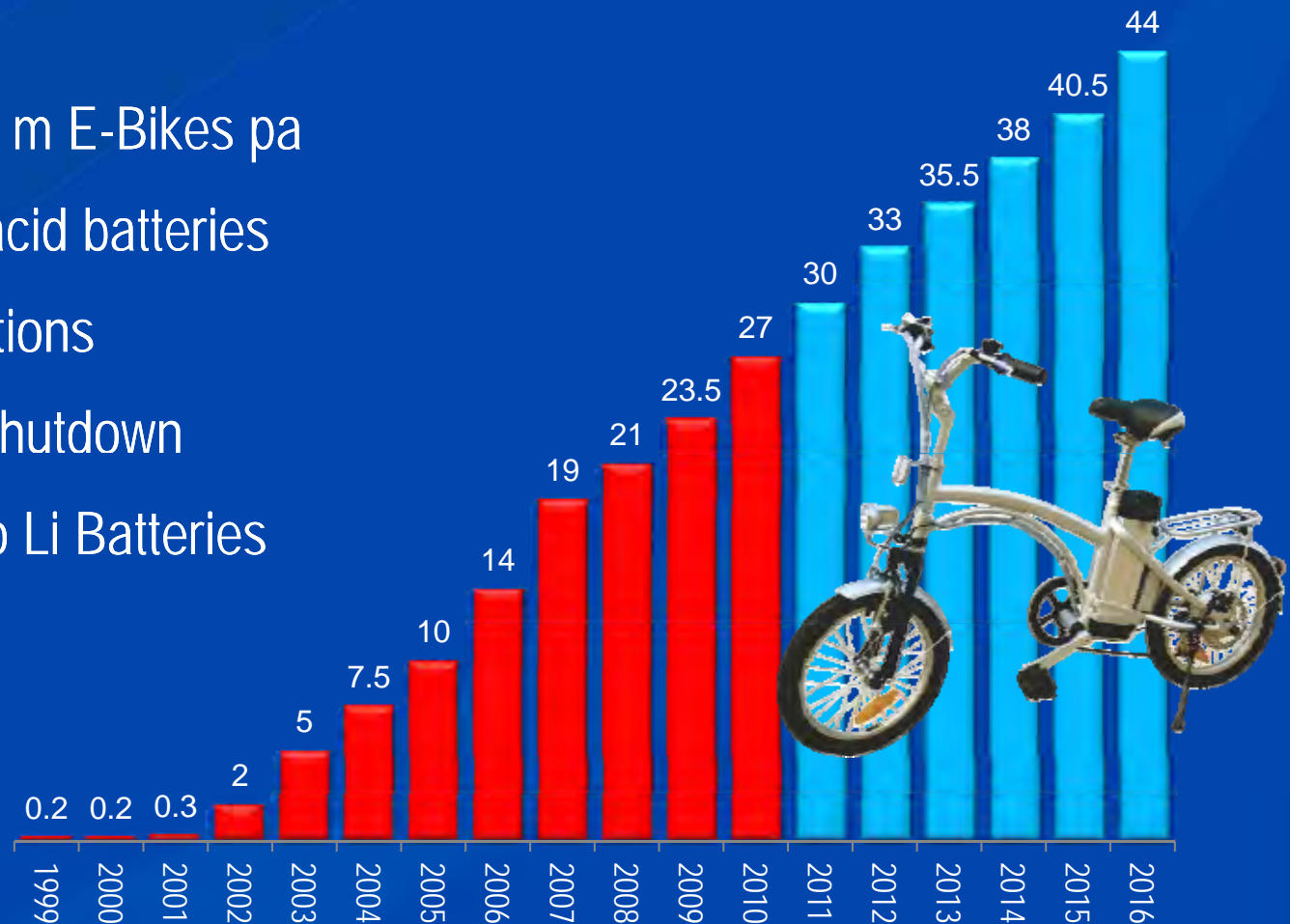


HOCKEY STICK GROWTH



FOCUS ON THE E-BIKE MARKET

- ✦ China produces 27 m E-Bikes pa
- ✦ 97% - heavy lead acid batteries
- ✦ PRC weight restrictions
- ✦ 1,500 lead plants shutdown
- ✦ Mass conversion to Li Batteries



PRESSURE ON LEAD BATTERIES



News Economy

China's lead-acid battery makers face pollution crackdown

CHINADAILY

Lead-acid battery targeted in clean-up campaign

(Xinhua)

Updated: 2011-02-18 22:03

The Economic Observer

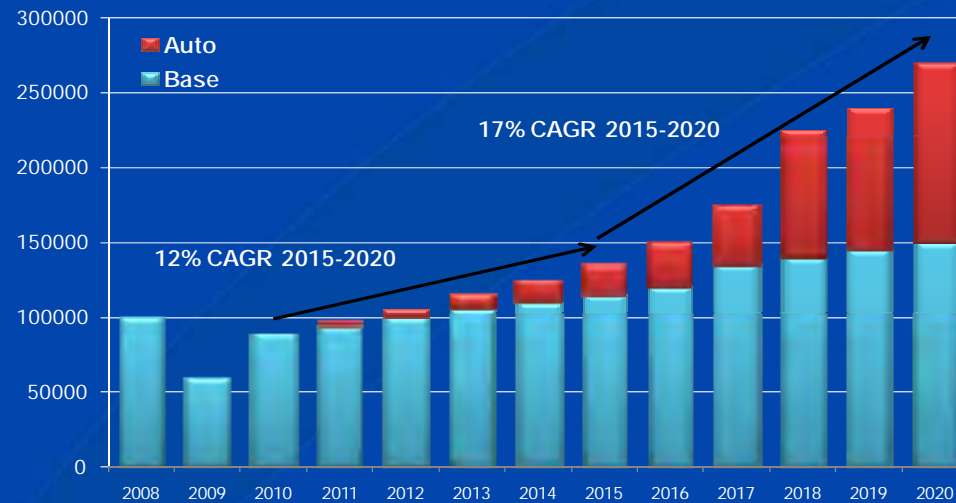
HOME NEWS OPINION CHINA BUZZ MULTIMEDIA DIGEST

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China Shuts Down 583 Lead-acid Battery Plants

Edi

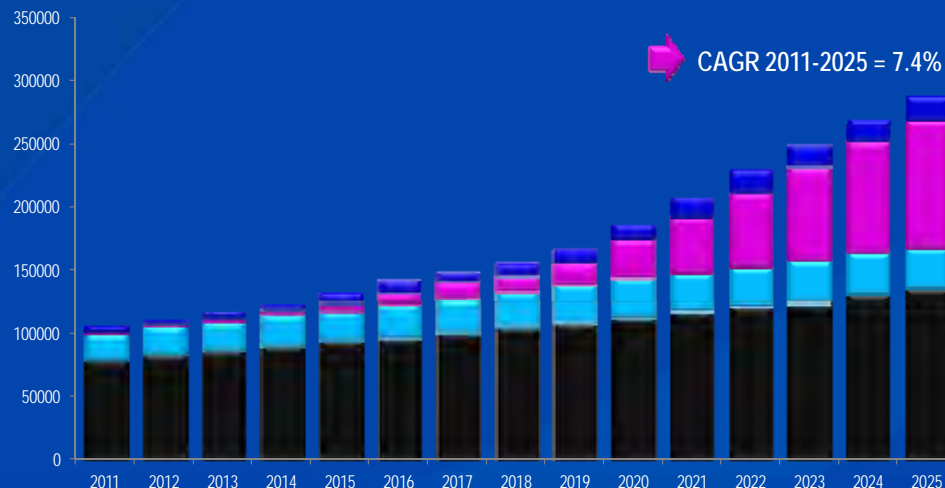
GLOBAL LITHIUM FORECAST



FMC Corp Forecast

World Lithium Supply Conference 2011
Toronto

2-3 times Demand
Increase by 2020

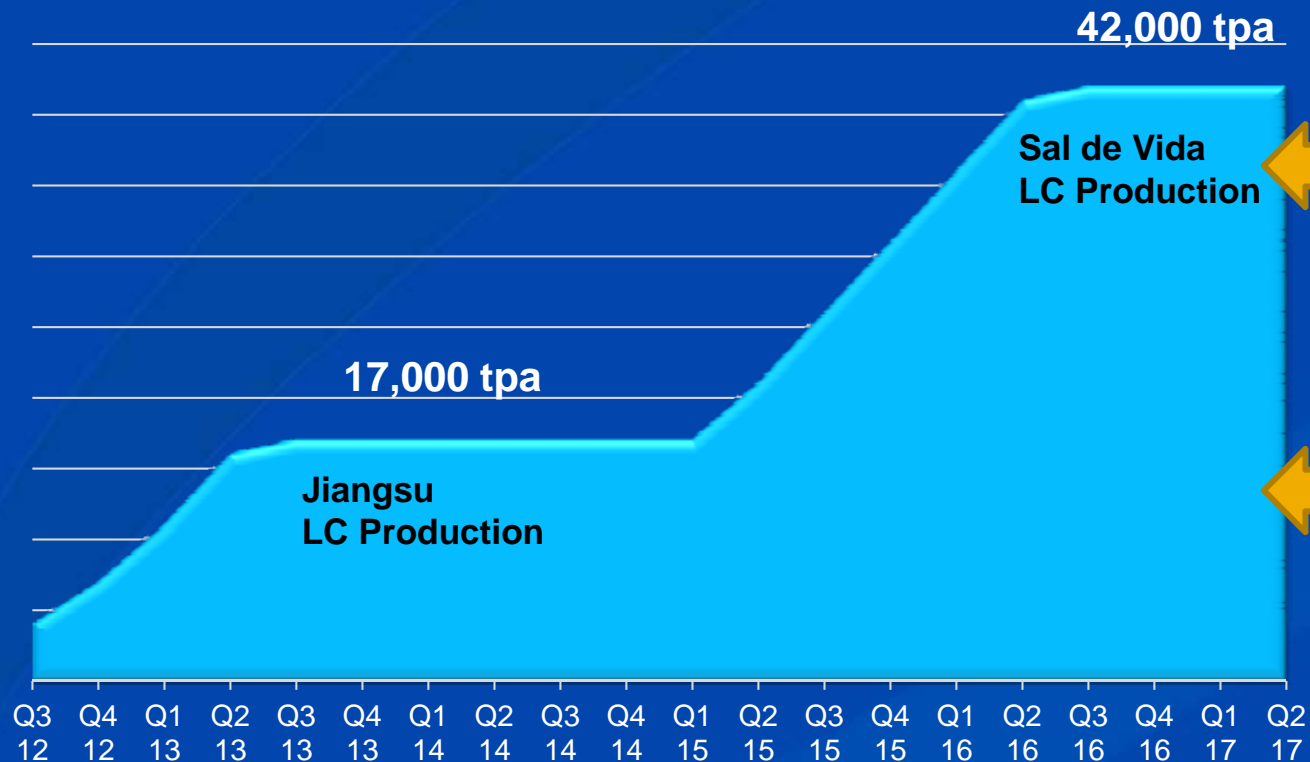


Signom Box Forecast

World Lithium Supply Conference 2011
Toronto

PRODUCTION PROFILE

Galaxy LC Capacity tpa Annualised Rate



PRICE GROWTH

06/16/2011

...the  Lithium company

Chemetall lithium division announces global price increases

Chemetall lithium division is announcing price increases of up to 20 percent for its lithium salts, including lithium carbonate, lithium hydroxide, lithium chloride, and increases on lithium metal battery grade, effective July 1.

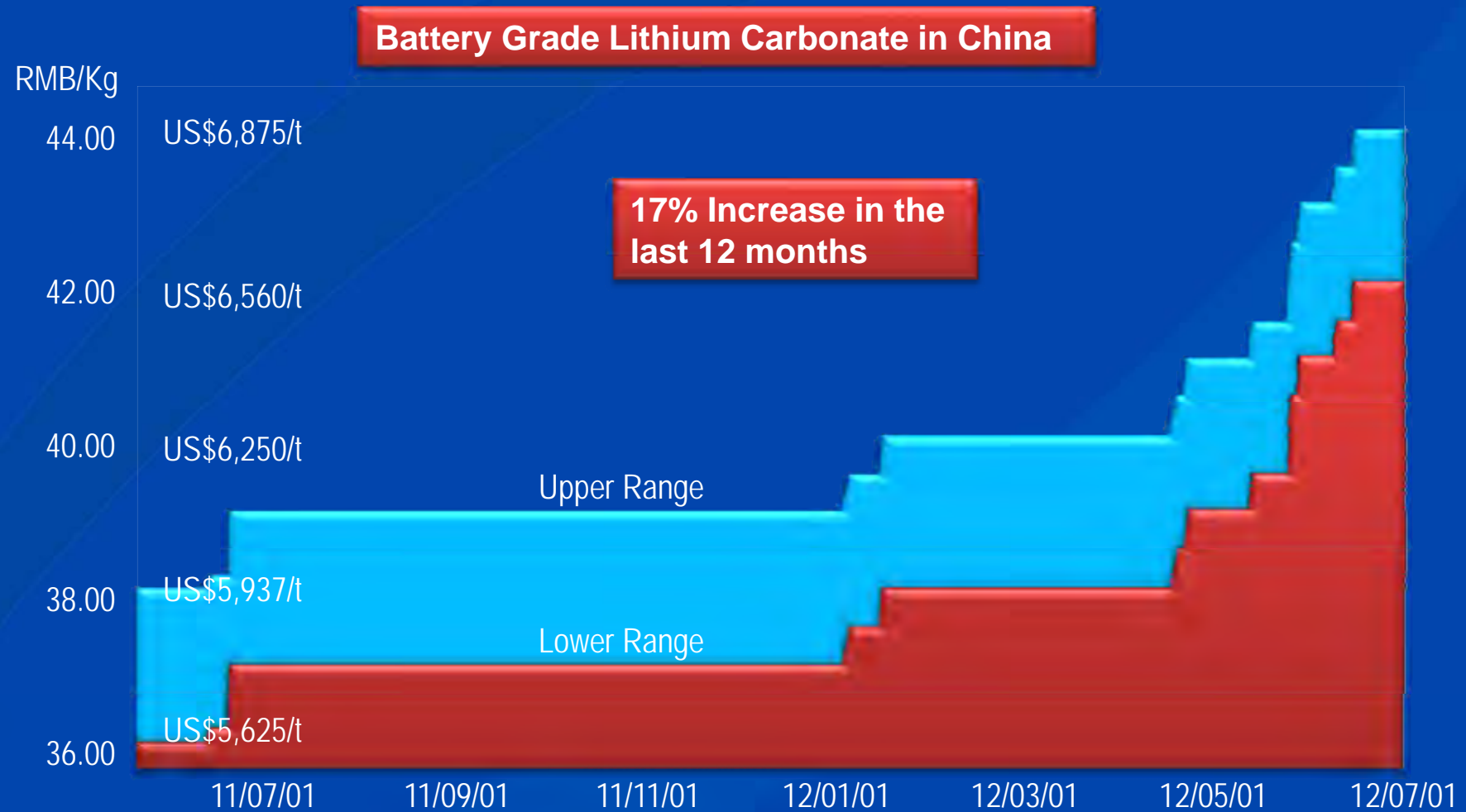
FMC Lithium Announces Global Price Increases

CHARLOTTE, N.C., June 23, 2011 – FMC Lithium announced today that effective July 1, 2011, or as contracts permit, it will increase prices 20 percent for lithium carbonate and between 15 and 25 percent, depending on product grade,

**TALISON LITHIUM CONCLUDES FIRST SALES
CONTRACTS FOR 2012 WITH 15% PRICE INCREASE**

**Rockwood Lithium Announces Global
Price Increases for Lithium Salts**

PRICE GROWTH



CHINA MACRO STRATEGY

- ✦ China – Less reliance on oil based transport system
- ✦ Twelve 5 Year Plan – Low Carbon Economy
- ✦ 5m EVs by 2020 (13.6 mil vehicles pa)
- ✦ China targeting 20% from renewable source by 2020
- ✦ “Mass energy storage” key to China’s strategy

LITHIUM ASSETS ARE RARE

LITHIUM HARD ROCK ASSETS

📍 Australia **GALAXY**

📍 Canada **GALAXY**

~~📍 USA~~ Used deposits

~~📍 Serbia~~ Grade

~~📍 China~~ Remote, sparse

~~📍 Sth Africa~~ Sovereign Risk

LITHIUM BRINE ASSETS

~~📍 Chile~~ Prod Restrictions

📍 Argentina **GALAXY**

~~📍 Bolivia~~ Quality Poor

~~📍 China~~ Quality Poor

~~📍 USA~~ Evaporation, grade

TALISON ACQUISITION BY ROCKWOOD

- ✦ Cash acquisition of C\$724m
- ✦ 53% premium

Global Lithium Rankings

1. Talison (ore only)

2. SQM

3. Rockwood Lithium

4. FMC Lithium

5. Galaxy

Global Lithium Rankings

1. Rockwood Lithium

2. SQM

3. FMC Lithium

4. Galaxy

MT CATTLIN MINE

- ✦ Mt Cattlin commenced late 2010
- ✦ Record construction of <11 months
- ✦ On time and on budget (A\$80m)
- ✦ Record production in May 12 (design)
- ✦ Temporary halt due to 12 months inventory





Run of Mine Pad

Power Generation

Crusher

Maintenance
Building

Fine
Ore Bin

Primary Screening

DMS Plant

Water
Treatment

Laboratory

Administration
Building

Tailings Treatment



Conveyor 1

Process Water

Waste Bin

Control Room

DMS Plant

Laboratory

Final Product Stockpile

HIGH TECH PROCESSING



- ✦ Focus lithium-ion battery industry
- ✦ Capability - 99.5% purity and above
- ✦ Highly process controlled
- ✦ Capital cost of US\$100 m
- ✦ Ramp up in progress – 12 month

PRODUCT GRADES



LITHIUM INDUSTRY – CHINA



STRATEGICALLY LOCATED



- ✦ Galaxy owns 100%
- ✦ 120 top foreign companies
- ✦ Adjacent to a wharf
- ✦ Supply of sulfuric acid and soda ash
- ✦ Close to markets

World's largest battery grade lithium carbonate at 17,000 tpa





Ore unloaded at Jiangsu



Area 10 – Ore stockpile area



Senior management team on site



Ore feed conveyor to kiln



Calcliner kiln



Galaxy operators cold commissioning



Control room checking bulk I/Os



Pipework and slag filter building



Purification plant



Lithium carbonate production plant



Commissioning in lithium carbonate production plant



Sodium sulphate plant



Lithium carbonate centrifuge



Site laboratory in full operation



Product storage bins



Microniser and packaging building



Laboratory testwork in progress



Laboratory building in background



Packaging building



Microniser unit



Whole plant controlled from central control centre



Highly process controlled plant



Full automatic bagging machine



Automated packing plant

China's largest and most sophisticated lithium carbonate producer



BATTERY GRADE PRODUCTION

Batch ID	LC %	ppm													
		Na	K	Ca	Mg	Si	Fe	Cu	Pb	Ni	Mn	Zn	Al	Cl	SO ₄
27 July Announcement	99.55	117	5	24	4	10	8	1	1	1	1	1	5	10	790
6120805005	99.51	20	5	28	5	10	6	1	1	1	1	2	5	10	480
6120806001	99.52	20	5	22	5	10	7	2	1	1	1	2	5	10	350
6120807001	99.58	20	5	35	5	20	6	1	1	1	1	2	10	13	520
6120807002	99.64	20	5	31	5	15	6	1	1	1	1	1	8	10	580
6120807003	99.68	20	5	29	5	20	6	1	1	1	1	1	9	10	420
6120807009	99.50	20	5	25	5	10	5	1	1	1	1	1	5	10	640
6120808001	99.53	26	5	25	5	10	8	1	1	1	1	1	5	10	710
6120808002	99.70	25	5	27	5	10	10	1	1	1	1	1	5	10	580
6120808003	99.70	32	5	26	5	10	7	1	1	1	1	1	5	10	590
6120808004	99.70	20	5	33	5	10	8	1	1	1	1	1	5	10	500
Battery Grade Specs	≥99.5	<250	<10	<50	<100	<50	<20	<10	<10	<30	<10	<10	<50	<50	<800

SETTING THE BENCHMARK

Competitor	Impurity levels (ppm)													
	Na	K	Ca	Mg	Fe	Al	Cu	Mn	Ni	Zn	Pb	Si	SO ₄	Cl
PRC 1	200	5	10	30	2	16	1	1	1	1	1	28	800	10
PRC 2	180	10	25	35	8	1	1	1	1	3	1	8	830	12
Sth Am 1	570	29	94	83	5	9	1	1	1	1	1	110	240	92
Sth Am 2	260	10	70	50	2	7	1	1	1	1	1		800	60
Galaxy	20	5	28	5	6	5	1	1	1	2	1	10	480	10
Battery Grade Specs	≤250	≤10	≤50	≤100	≤20	≤50	≤10	≤10	≤30	≤10	≤10	≤50	≤800	≤50

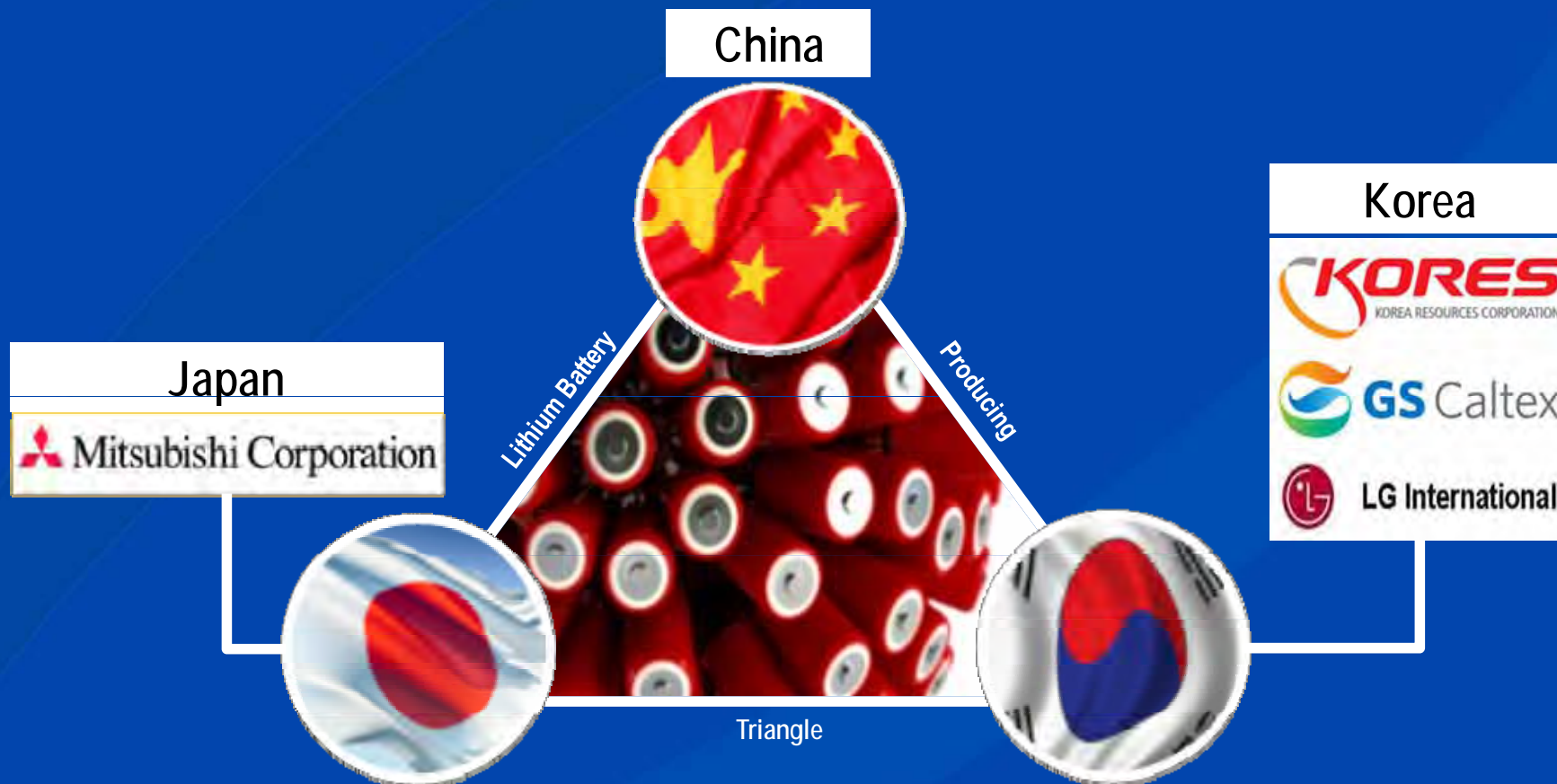
OFFTAKE FRAMEWORK AGREEMENTS



- ✦ Offtake framework agreements for 17,000 tpa
- ✦ Mitsubishi - exclusive distributor in Japan (5,000 tpa)
- ✦ 13 major lithium cathode producers in China (12,000 tpa)
- ✦ Fixed annual volumes
- ✦ Price agreed on a quarterly basis



GLOBAL PARTNERS



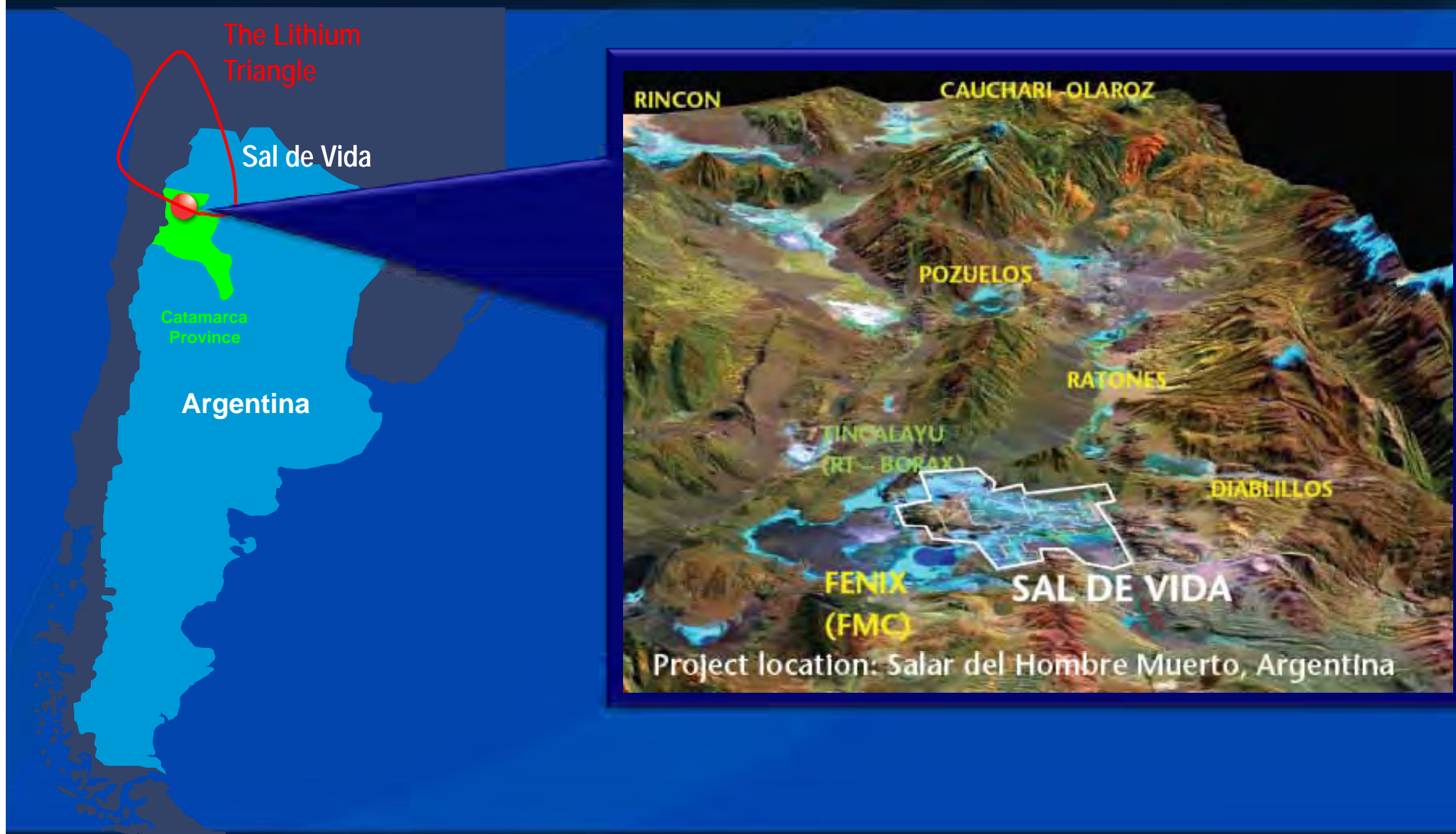


FLAGSHIP DEVELOPMENT

Sal de Vida "Salt of Life"

GXY 70% Korean Consortium 30%

SAL DE VIDA – LOCATION





Typical Chilean brine operations



Typical Chilean brine operations



Typical Chilean brine operations



Typical Chilean brine operations

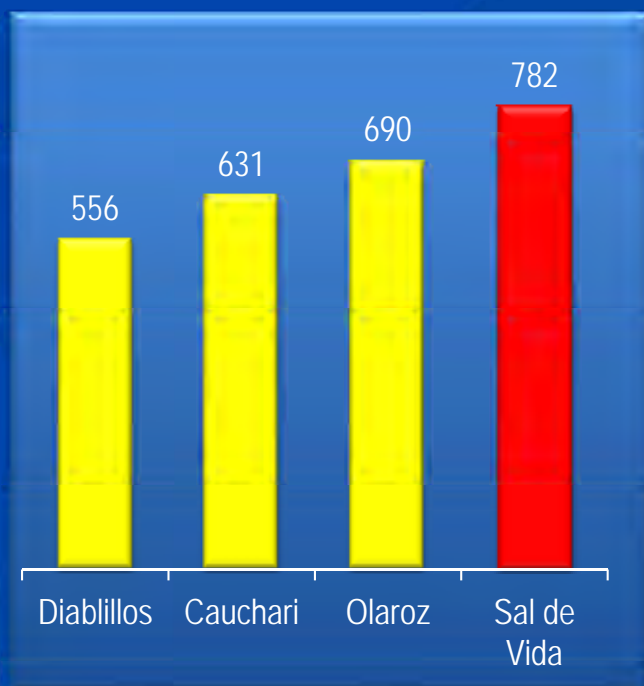
LOW COST PRODUCER



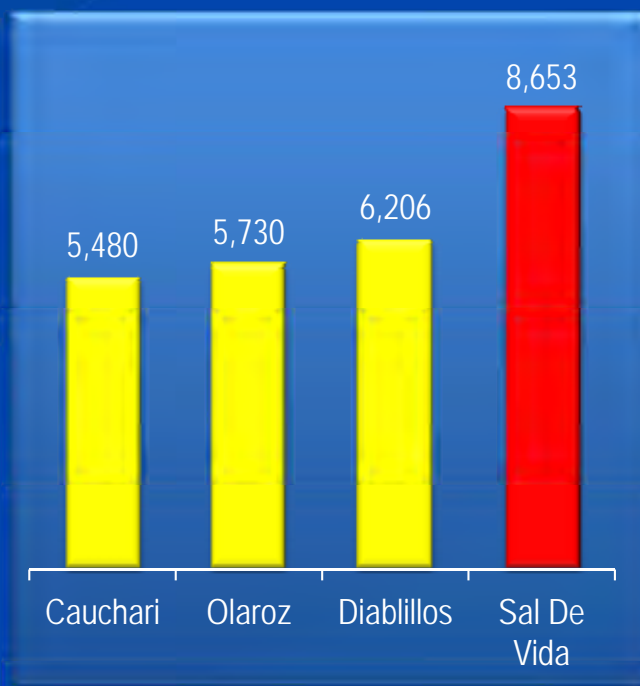
- ✦ 7 million tonnes of LCE
- ✦ Mine life beyond 50 years
- ✦ High grade and excellent chemistry
- ✦ Good Infrastructure, close to Salta city
- ✦ Pro mining province

BEST BRINE CHEMISTRY

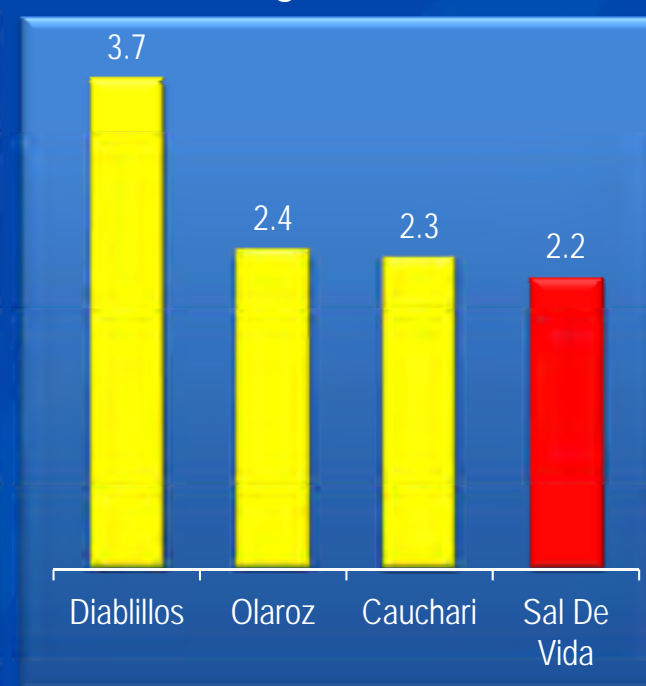
Li Grade



K Grade



Mg:Li Ratio



US\$1 BILLION NPV PROJECT

Lithium carbonate production (tpa)	25,000
Potash production (tpa)	107,000
Estimated mine life (years)	40+
Estimated capital costs (US\$m)	356
Estimated operating costs (US\$/t Li_2CO_3)	1,537
Average 2011 to 2025 Li_2CO_3 price (US\$/t)	5,490
Ave cash flow pa (US\$m, pre-tax)	139
Net Present Value (8% pre-tax real discount rate (US\$m))	1,066
Internal rate of return (%)	28%
Project payback period (years)	<4





PROJECT DEVELOPMENT



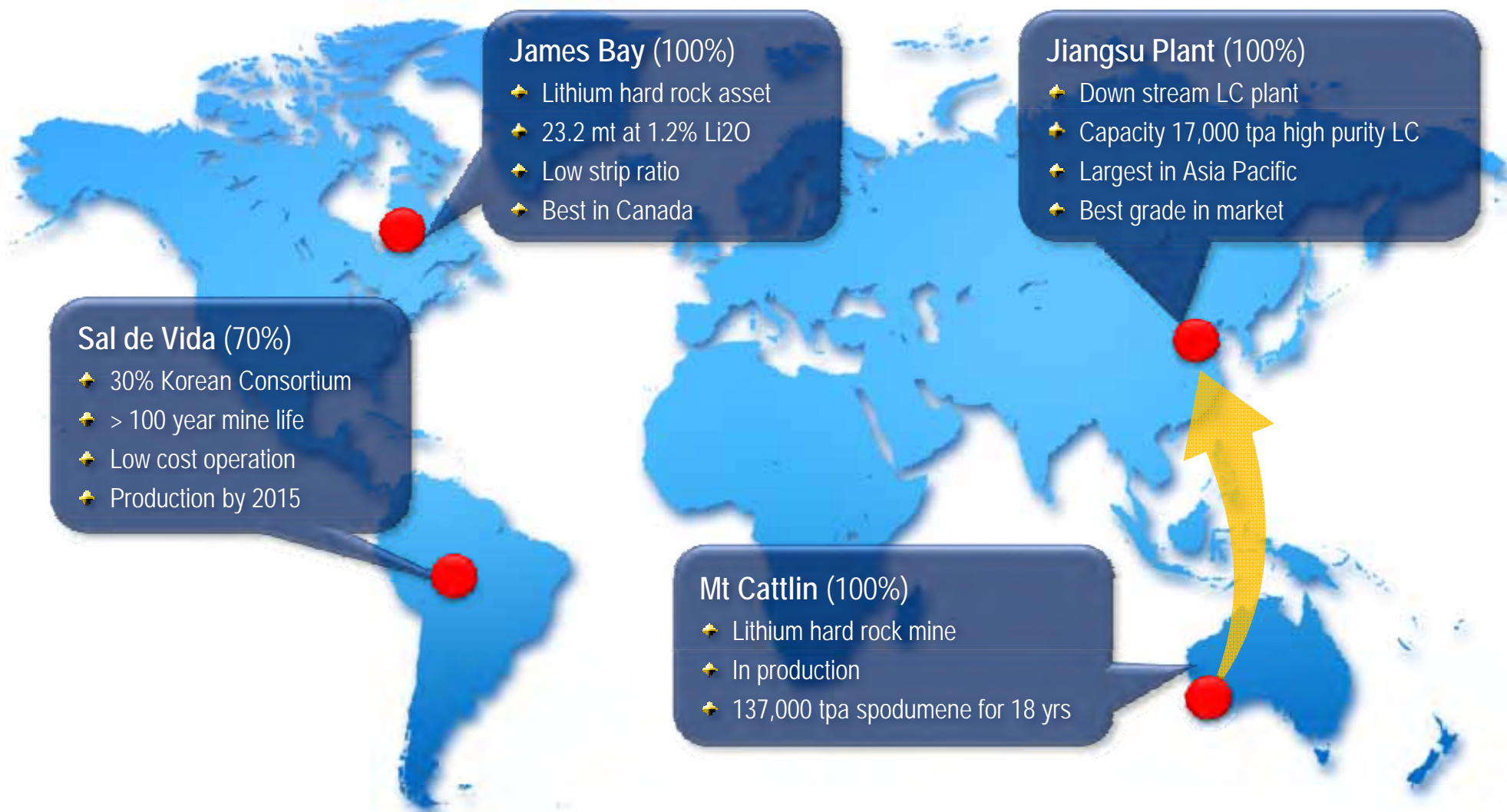
- ✦ PFS completed in Oct 2011
- ✦ Taging and Hatch Engineering appointed
- ✦ Production wells & modelling
- ✦ DFS to be completed in Q1 2013
- ✦ Investment decision when Jiangsu cash flow positive

STRATEGIC PARTNERSHIP

- ✦ KORES, GS Caltex and LG International (together "KC")
- ✦ KC earning 30% interest in Sal de Vida
- ✦ Spent US\$15m on feasibility work
- ✦ KC to purchase 30-50% of lithium products at market prices
- ✦ Galaxy has right to be sole sales agent for potash and boron products



COMBINED LITHIUM ASSETS



GALAXY

BUILDING A GLOBAL LITHIUM COMPANY

...meeting a lithium future

Competent Persons & Qualified Persons

Mt Cattlin

The information in this report that relates to Mineral Resources and Exploration Results is based on information compiled by Mr Robert Spiers who is a full time employee of Hellman and Schofield Pty Ltd and Dr Mike Grigson who is a full time employee of Arc Minerals. Mr Spiers and Dr Grigson have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Spiers and Dr Grigson consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in this report that relates to Mineral Ore Resources is based on information compiled by Mr Roselt Croeser who is a full time employee of Croeser Pty Ltd. Mr Croeser has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Croeser consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

James Bay

Competent Person

The information in this report that relates to Mineral Resources for the James Bay project is based on work completed by Mr. Sébastien Bernier, who is a Member of a Recognised Overseas Professional Organisation. Mr Bernier is a full time employee of SRK Consulting (Canada) Inc. and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bernier consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

National Instrument 43-101 - Qualified Person

The mineral resources for the James Bay project are reported in accordance with National Instrument 43-101 and have been estimated in conformity with generally accepted CIM "Estimation of Mineral Resource and Mineral Reserves Best Practices" guidelines. Resource evaluation work was completed by Mr. Sébastien Bernier, P.Geo (OGQ#1034, APGO#1847) an independent Qualified Person as defined by NI 43-101. Mr. Bernier has read and approved the content of this news release. A Technical Report compliant with NI 43-101 standards describing the resource estimation was filed on SEDAR within 45 days of its release.

Competent Persons & Qualified Persons (continued)

Sal de Vida

Competent Persons

The information in this report that relates to Mineral Resources for the Sal de Vida lithium project is based on work completed by Mr. Michael Rosko, who is a Member of a Recognised Overseas Professional Organisation. Mr. Rosko is a full time employee of E. L. Montgomery and Associates and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Rosko consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

National Instrument 43-101 - Qualified Person

The mineral resources for the Sal de Vida lithium project are reported in accordance with National Instrument 43-101 and have been estimated in conformity with generally accepted CIM "Estimation of Mineral Resource and Mineral Reserves Best Practices" guidelines. Resource evaluation work was completed by Mr. Michael Rosko, P. Geo (Arizona 25065, Texas 6359, California 5236) an independent Qualified Person as defined by NI 43-101. Mr. Rosko has read and approved the content of this news release. A Technical Report compliant with NI 43-101 standards describing the resource estimation was filed on SEDAR within 45 days of its release.

Caution Regarding Forward Looking Information

This document contains forward looking statements concerning the projects owned by Galaxy and Lithium One. Statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions.

Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on Galaxy's beliefs, opinions and estimates of Galaxy (and Lithium One) as of the dates the forward looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

There can be no assurance that Galaxy's plans for development of its mineral properties (and those of Lithium One, assuming successful completion of the merger with Lithium One) will proceed as currently expected. There can also be no assurance that Galaxy (or Lithium One) will be able to confirm the presence of additional mineral deposits, that any mineralization will prove to be economic or that a mine will successfully be developed on any of Galaxy's (or Lithium One's) mineral properties. Circumstances or management's estimates or opinions could change. The reader is cautioned not to place undue reliance on forward-looking statements.

Data and amounts shown in this document relating to capital costs, operating costs and project timelines are internally generated best estimates only. All such information and data is currently under review as part of Galaxy's ongoing development and feasibility studies. Accordingly, Galaxy makes no representation as to the accuracy and/or completeness of the figures or data included in the document until the feasibility studies are completed.

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