

Commencing development of **Europe's largest uranium supplier** 

World class development creating sustainable jobs, rejuvenating a local community and fueling Europe's clean energy future





## RENEWABLES ALONE CANNOT DELIVER OUR CLEAN ENERGY FUTURE

THE UK WILL NEED ANOTHER 32,000 WIND TURBINES TO MEET THE 2050 CARBON TARGETS

IT'S NOT A QUESTION OF RENEWABLES OR NUCLEAR BUT RENEWABLES AND NUCLEAR

Source: Department of Energy and Climate Change



# WITH ONLY ONE URANIUM MINE, EUROPE'S SECURITY OF SUPPLY BECOMES CRITICAL



"New Fleet of Nuclear Reactors" Amber Rudd November 2015



Source: World Nuclear Association









# SPENDING US\$100 MILLION AND REJUVENATING THE LOCAL COMMUNITY

- GOOD NEIGHBOUR AND COMMUNITY BUSINESS PARTNER
- CO-OPERATION AGREEMENT WITH THE LOCAL MUNICIPALITIES
  - Royalties 0.2%
  - Preference and training to locals for jobs
  - Priority for local businesses
  - Contribute to cultural, tourist and sporting development









## SALAMANCA IS A HIGH-IMPACT PROJECT



Bring into production = NPV £1.31 per share (at current Uranium prices)



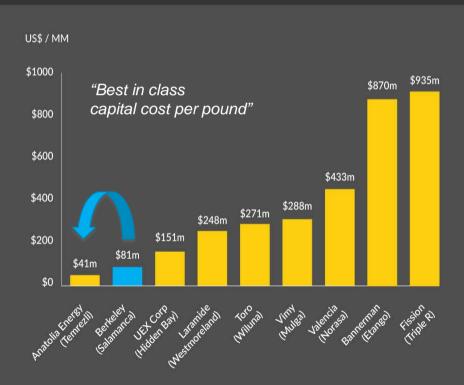
Strategically located world class asset highly geared to US\$ Uranium price

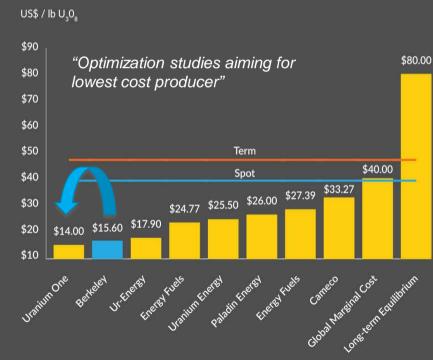


Potential to get much bigger with Exploration targeting multiple Zona 7's



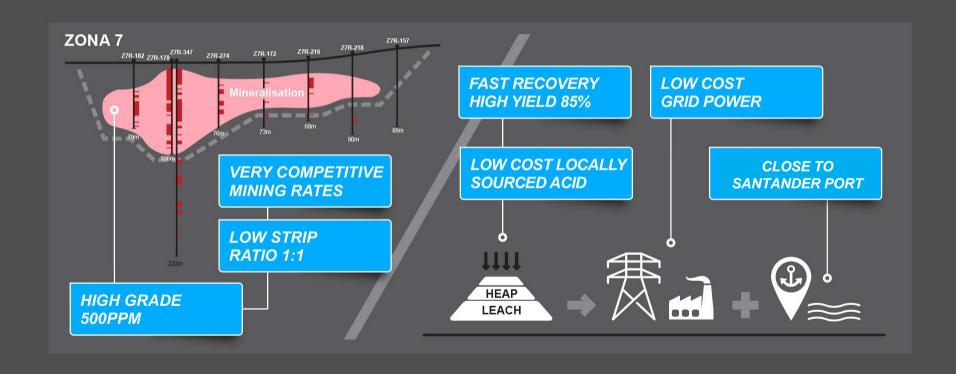
# SALAMANCA HAS A RARE COMBINATION OF ULTRA-LOW CAPITAL <u>AND</u> OPERATING COSTS





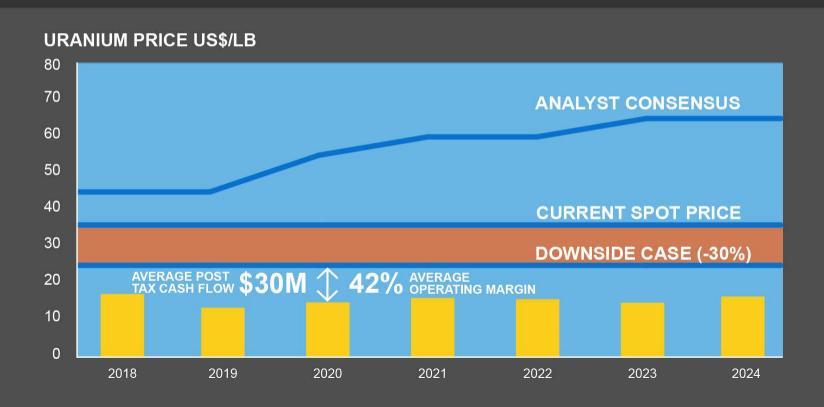


## ZONA 7 OPERATING COSTS AND ESTABLISHED INFRASTRUCTURE MAKE THE DIFFERENCE



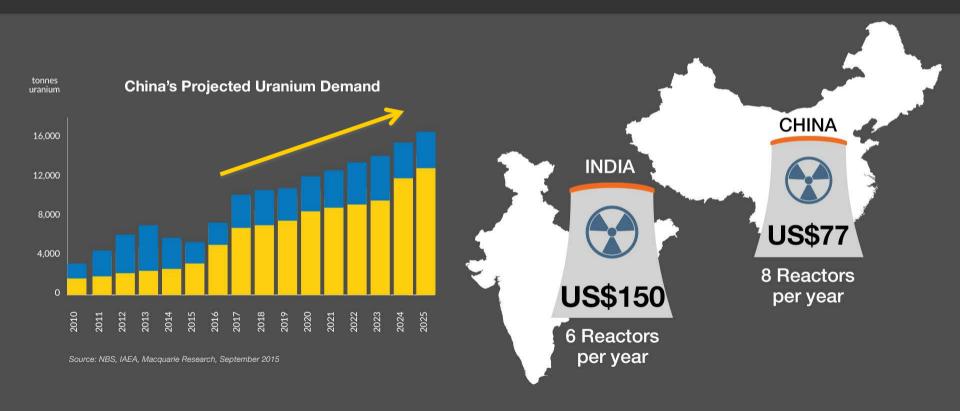


# CASH COSTS ARE HALF THE CURRENT SPOT PRICE STRONG CASH FLOW AT EVEN DOWNSIDE CASE





# CHINA AND INDIA SPENDING US\$227 BILLION BUILDING UP TO 14 NEW REACTORS A YEAR





# THE ONLY LARGE-SCALE LOW-COST PROJECT BEING DEVELOPED IN 2016

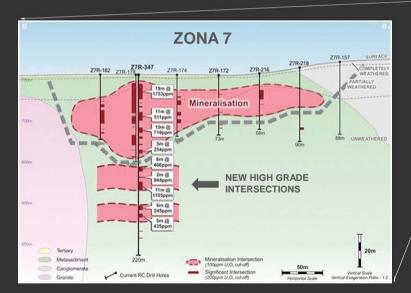


Source: IAEA 2015: number of reactors in operation worldwide.

Development Projects: Dundee Securities



HIGH IMPACT EXPLORATION



**TARGETING MULTIPLE ZONA 7'S** 10 kms **PROCESS PLANT** 



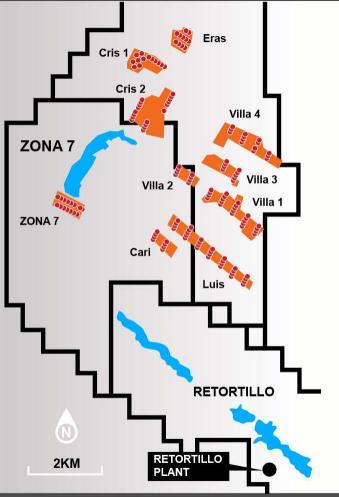
# EXPLORATION PROGRAMME TARGETING MULTIPLE ZONA7'S

**TEN NEAR SURFACE TARGETS** 

**ALL WITHIN 10KM OF PROCESSING PLANT** 

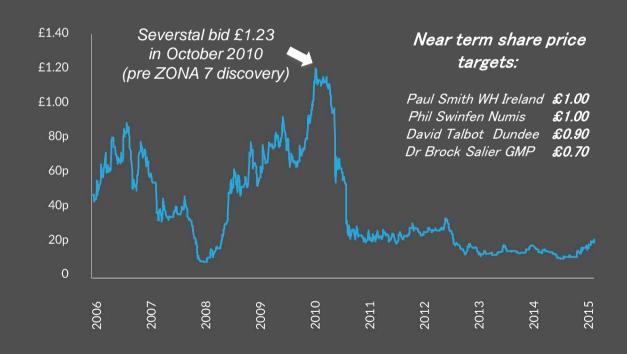
11,000 METRES DRILLING IN 2016

FOLLOWING UP PREVIOUS HIGH GRADE DRILL RESULTS





## BERKELEY SHARE PRICE (BKY.L)



# INFLUENTIAL SHAREHOLDERS

Blackrock

Anglo Pacific Group

Resource Capital Fund

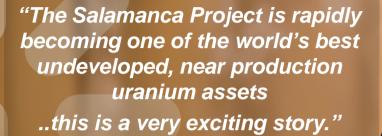
Hadron

First State

Commonwealth Bank

Australia

Management



BKY.AX

EQX.AX

0.430 屏

0.295 + 0.03

Julian Treger CEO Anglo Pacific (BKY major shareholder)



Rated by Argonaut as one of the "best undeveloped projects" with an IRR of 93%.

BERKELEYenergia \*\*

# **Information Slides**

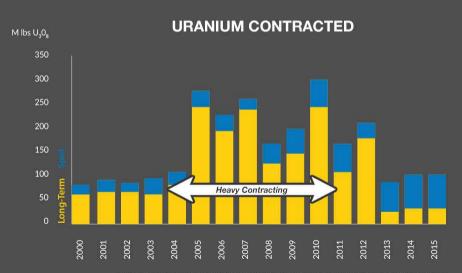




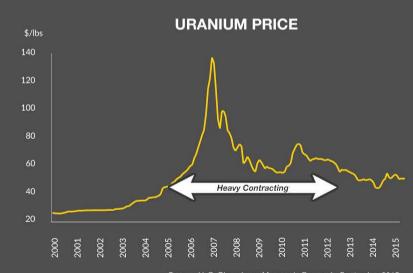
#### THE URANIUM PRICE RISE - WILL BE VIOLENT

**Dave Talbot Dundee Securities September 2015** 

75



Source: 2000-2014 data: Rob Chang, Cantor Fitzgerald September 2015 "London Marketing"
Presentation. 2015 data: Berkeley estimate.



Source: UxC, Bloomberg, Macquarie Research, September 2015 USDOE/EIA and ESA reports (data current as of 31 December 2014)

#### Executive Team

## Key information



#### Paul Atherley - Managing Director

Mining engineer and MBA with over 25 years industry operating experience. Previously MD of Leyshon Resources based in Beijing and formerly Executive Director of the Investment Bank arm of HSBC Australia. Was Chairman of the British Chamber of Commerce in China, Vice Chairman of the China Britain Business Council and served on the EU Energy Working Group in Beijing.



#### Francisco Bellon - GM Operations

Mining Engineer with further specialisation in mineral processing and metallurgy with over 20 years experience in both operational and project management roles in Europe, South America and West Africa. Has developed and operated numerous mines in Spain.



#### Javier Colilla- Senior Vice President Corporate

Economist and Lawyer with more than 25 years experience in the Spanish and international mining industry. Held several executive management roles during a long career with Rio Narcea Gold Mines and was responsible for the permitting of four mines in Spain & one in Mauritania. Holds an MBA.



#### **Hugo Schumann – Commercial Manager**

Formerly a management consultant before moving into the natural resources sector, initially as part of an investing team in London and then working in corporate development functions for listed mining and energy companies. Holds an MBA from INSEAD, is a CFA Charterholder.

#### Board of Directors

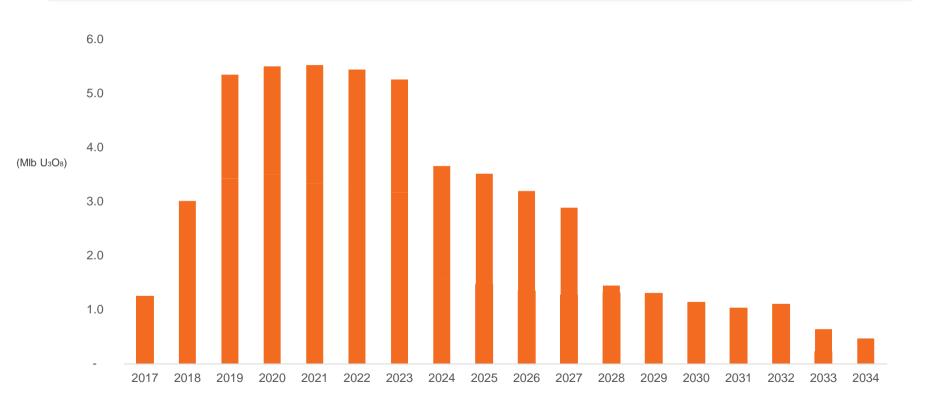
Ian Middlemas	Chairman
Paul Atherley	Managing Director
James Ross	Director
Rob Behets	Director

#### CAPITAL STRUCTURE

Shares on Issue	181.8m
Unlisted Options & Rights	19.5m
Market Cap (undiluted @ £0.25)	£ 45.5m
Cash Position (at 31 Dec 15)	A\$ 8.4m



## Salamanca production profile





## Pre-feasibility capital & operating costs

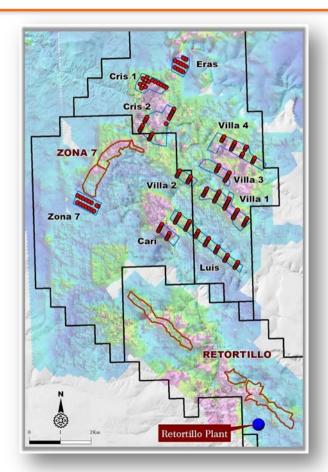
#### Life of Mine Operating Cash Costs

	Cost (US\$/lb U <sub>3</sub> O <sub>8</sub> )		
	Zona 7	Retortillo	Alameda
Mining	4.95	12.72	8.40
Processing (including ripios backfill)	6.04	11.10	9.02
G&A	0.98	1.93	1.84
Subtotal by Area	11.97	25.75	19.26
Total Ave Operating Costs (LOM)		17.51	

#### Retortillo up-front capex

Description	Cost (US\$ m)
Mining (pre-strip)	7.6
Processing	36.4
Plant Related Infrastructure	7.1
Waste Dumps, Water Management, etc.	5.9
Other Capex	6.4
G&A	1.9
Indirect Costs	16.3
Total Upfront Capital Cost - Retortillo	81.4

## Exploration targets



## Mineral resources

Note: the Pre-Feasibility Study and Production Target were based solely on Indicated and Measured resources at Retortillo, Zona 7 and Alameda and excluded all Inferred resources and satellite projects

Deposit Name	Resource Category	Tonnes (Mt)	U³O8 (ppm)	U3O8 (Mlbs)
Retortillo	Measured	4.1	498	4.5
	Indicated	11.3	395	9.8
	Inferred	0.2	368	0.2
	Total	15.6	422	14.5
Zona 7	Indicated	17.1	735	27.8
	Inferred	4.9	333	3.6
	Total	22.1	645	31.4
Alameda	Indicated	20.0	455	20.1
	Inferred	0.7	657	1.0
	Total	20.7	462	21.1
Gambuta	Inferred	12.7	394	11.1
Retortillo Satellites	Inferred	2.8	492	3.0
Alameda Satellites	Inferred	9.1	472	9.5
Outros Destant		4.4	400	
Salamanca Project	Measured	4.1	498	4.5
	Indicated	48.4	540	57.5
	Inferred	30.5	422	28.4
	Total	83.0	495	90.5



### Important notices

#### Disclaimer Notice

The material in this presentation ('material') is not and does not constitute an offer, invitation or recommendation to subscribe for, or purchase any security in Berkeley Energia Limited ('Berkeley') nor does it form the basis of any contract or commitment. Berkeley makes no representation or warranty, express or implied, as to the accuracy, reliability or completeness of this material. Berkeley, its directors, employees, agents and consultants shall have no liability, including liability to any person by reason of negligence or negligent misstatement, for any statements, opinions, information or matters, express or implied, arising out of, contained in or derived from, or for any omissions from this material except liability under statute that cannot be excluded.

Some of the statements contained in this material, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, resources, reserves or potential growth of Berkeley, industry growth or other trend projections are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors.

#### Competent Persons Statement

The information in this presentation that relates to the 2016 Exploration Results for Zona 7 is extracted from the announcement entitled 'High grades intersected immediately below Zona 7 deposit' dated 27 January 2016, which is available to view on Berkeley's website at www.berkeleyenergia.com. The information in the original ASX announcement is based on information compiled by Mr Malcolm Titley, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Titley is employed by Maja Mining Limited, an independent consulting company, Mr Titley has sufficient experience which is relevant to the style of deposit under consideration and to the activity which he is understanding to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting or Exploration Results, Mineral Resources and O're Reviews.' Berkeley confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. Berkeley confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

The information in this presentation that relates to the 2016 Mineral Resources and Exploration Results for Retortillo is extracted from the announcement entitled 'Increase in Retortillo grade expected to boost economics' dated 7. January 2015 which is available to view on Berkeley's webs. Mr The information in the original ASX announcement is based on information compiled by Mr Malcolm Titley, a Competent Person who is a Member of The Australasian Institute of Mining and More and the sum of the sum o

The information in this presentation that relates to the 2015 Mineral Resources for Zona 7 is extracted from the announcements entitled 'Increase in Zona 7 grade' dated 7 October 2015 which is available to view on Berkeley's website at www.berkeleyenergia.com. The information in the he announcements entitled 'Increase in Zona 7 grade' dated 7 October 2015 which is a wailable to view on Berkeley's website at www.berkeleyenergia.com. The information in the he announcements in internal state of Mining and Metallurgy. Mr Titley is employed by Maja dining Limited, an independent consulting company. Mr Titley has sufficient experience which is relevant to the sufficient experience which is relevant to the sufficient experience which is relevant to the variety of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Berkeley confirms that it is not aware of any new information included in the original market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. Berkeley confirms that the form and context in which the Competent Person's findings are presented have noted materially market announcement.

The information in this presentation that relates to the Mineral Resources for the Retortillo Satellites, Alameda, Alameda Satellites and the Gambuta deposits (refer to original ASX announcements dated 31 July 2012 and 28 October 2015) is based on information compiled by Mr Craig Gwalkin, who is a Member of The Australasian Institute of Mining and Metallurgy and was an employee of Berkeley at the time of initial disclosure. Mr Gwalkin 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'. This information was prepared and first disclosed under the Jordal and in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. This information has not materially changed since it was last reported. Berkeley confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

The information in this presentation that relates to the Pre-Feasibility Study is extracted from the announcement entitled Zona 7 transforms Salamanca project economics' dated 4 November 2015 which is available to view on Berkeley's website at www.berkeleyenergia.com. The information in the original ASX announcement is based on information compiled by Mr Francisco Bellon, a Competent Person is the General Manager Operation for Berkeley and a holder of shares, opitions and performance rights in Beautres and Nor Resember 1 which he is undertaking to qualify as a Competent Person as defined in the 2012 Ecition of the 'fustralasian Code for Reporting of Exploration Results, Mineral on and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Ecition of the 'fustralasian Code for Reporting of Exploration Results, Mineral on and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Ecition of the 'fustralasian Code for Reporting of Exploration Results, Mineral on and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Ecition of the 'fustralasian Code for Reporting of Exploration Results, Mineral on and to the activity which he is undertaking to qualify as a Competent Person and the Results and one Results and the Re

The information in this presentation that relates to the Net Present Value and Internal Rate of Return calculations is extracted from the announcement entitled 'December 2015 Quarterly Report 'd taded 29 January 2016 which is available to view on Berkeley's website at www.berkeleyencerights. On The information in the original ASX announcement hased on information in the content based on information in the strength of the Australassian Internal Manager Operation and project of shares, opinions and performance of shares, opinions and performance of shares, opinions and performance of the Neutral Manager Operation Internal Rate of States and Perkeley Mineral Resources and Ore Reserves'.

Berkeley confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of the Wiley Present Value and Internal Rate of Return Calculations, all material assumptions and technical parameters underprinning the estimates in the relevant original market announcement or the Original market announcement of the Competent Person's findings are presented have not been materially modified from the original market announcement of the Competent Person's findings are presented have not been materially modified from the original market announcement of the Competent Person's findings are presented have not been materially modified from the original market announcement.

Contact Us: Unit 1C, Princes House, 38 Jermyn Street, London SW1Y6DN Phone +44 207 478 3900

Email: info@berkeleyenergia.com