

Mining a cleaner tomorrow

World Nuclear Association
September 2017

Mike Young, Managing Director and CEO
Julian Tapp, Executive Director



● ● Disclaimer and statement of confirmation

Disclaimer: The purpose of this presentation is to provide general information about Vimy Resources Limited (Vimy); it constitutes a professional opinion only and is given in good faith. It is not recommended that any person makes any investment decision in relation to Vimy based on this presentation. To the extent that this presentation contains "forward-looking statements" they are only subjective predictions and are subject to inherent risks and uncertainties which could cause outcomes to differ materially from those expressed, implied or projected in such forward-looking statements. No representation or warranty, express or implied, is made by Vimy that the material contained in this presentation is accurate, reliable, relevant or complete, or will be achieved or prove to be correct.

To the extent permitted by law, Vimy and its officers, employees, related bodies corporate, agents and advisers, disclaim any responsibility for the accuracy or completeness of the material contained in this presentation and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission therefrom. Vimy accepts no responsibility to update any person regarding any inaccuracy, omission or change in information in this presentation or any other information made available to a person nor any obligation to furnish the person with any further information. All amounts expressed are in \$A unless stated otherwise.

Not an offer: This presentation is for information purposes only and does not constitute or form any part of any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any securities in Vimy in any jurisdiction. This presentation and its contents must not be distributed, transmitted or viewed by any person in any jurisdiction where the distribution, transmission or viewing of this document would be unlawful under the securities or other laws of that or any other jurisdiction. The securities of Vimy have not been registered with the U.S. Securities and Exchange Commission or listed on any U.S. Stock Exchange.

Cautionary statements: The information regarding the Pre-feasibility Study (PFS) was released to the ASX on 17 November 2015. The Company advises that the PFS is based on lower-level technical and preliminary economic assessments, and does not provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the PFS will be realised. The Production Target referred to in the PFS is partly based on Inferred Mineral Resources (which comprise approximately 28% of the Inferred Resource mined during the project payback period of 7 years at the capital breakeven uranium price). There is a low level of geological confidence associated with the Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated or Measured Mineral Resources or that the production target or preliminary economic assessment will be realised.

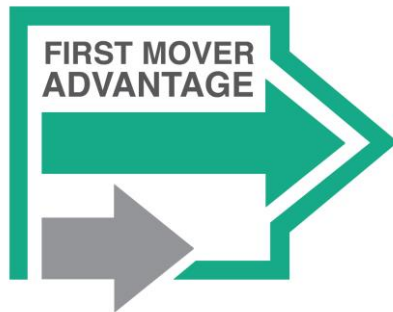
No new information: The Resource Estimate referred to in this presentation was released to the ASX on 12 July 2017. Vimy is not aware of any new information, or data, that affects the information in that announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

The Reserve Estimate referred to in this presentation was released to the ASX on 4 September 2017. Vimy is not aware of any new information, or data, that affects the information in that announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

On 4 September 2017, Vimy released an announcement to ASX entitled "*Major Ore Reserve update – moving to the go line*" disclosing higher Ore Reserves and expected improved economics of the Mulga Rock Project arising from increases in contained uranium metal. Vimy is currently carrying out a Definitive Feasibility Study and from work conducted to date, the Company expects significantly improved project economics in comparison to the Prefeasibility Study published in November 2015.

● ● Why Vimy?

- Highly credible team with **actual experience** in building mines
- Mulga Rock is a large, simple, low operating cost project
42.3Mlbs U₃O₈ Reserves¹ – targeting 3.5Mlbs p.a. production²
- Well positioned to be producing uranium by 2H 2020²
- Low risk, stable operating jurisdiction with
FULL MINISTERIAL APPROVALS



¹ Details of resources and ore reserves appear below in this presentation

² Production rate is aspirational only and subject to ongoing feasibility work

● ● People who deliver mines. Really.



Hon. Cheryl Edwardes AM

Non-Executive Chairman

Significant networks in Government and in Asia's business community

Former State Government Minister holding Ministries of Environment, Labour Relations and Attorney General



Mike Young

CEO and Managing Director

Building mines

Founding Managing Director of BC Iron Ltd.
First drillhole to first ore on ship in under 4 years
Uranium experience in Canada and Australia



Julian Tapp

Executive Director

Expertise in regulatory approvals

Previous Head of Government Relations and Director of Strategy at Fortescue Metals Group



Tony Chamberlain

Chief Operating Officer

Considerable experience with Australian uranium projects

Extensive operational and capital delivery experience.
Experience with several global uranium projects



Xavier Moreau

General Manager – Geology and Exploration

Our in-house uranium encyclopedia

French-born and trained with extensive experience with Areva, U₃O₈ Limited, and Vimy Resources



Ron Chamberlain

CFO and Company Secretary

Finance professional with uranium experience

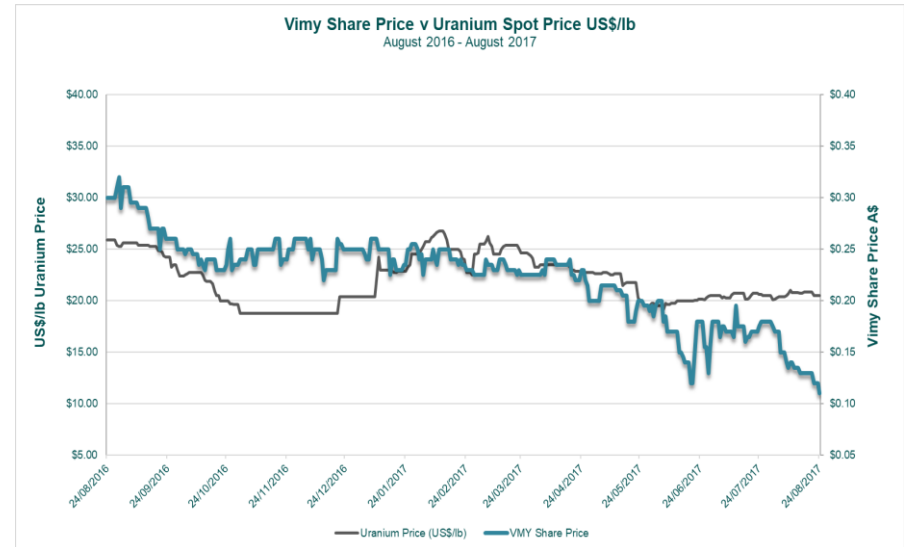
Significant experience in funding and development of uranium projects – CFO at Paladin

Corporate snapshot

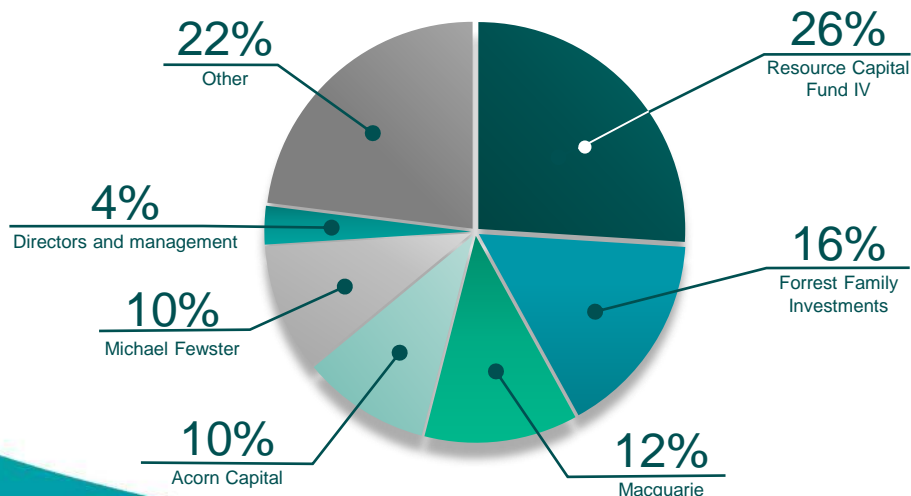
Capital structure

31 August 2017

Shares on issue	360 million
Share price	\$ 0.11
Market capitalisation	\$ 40 million
Cash (post-placement)	\$ 8.8 million
Options (unlisted)	2.9 million @ 35c (June 2018)
	8.7 million @ 154c (Dec 2018)
	8.7 million @ 70c (Dec 2018)
	1.4 million @ 80c (Dec 2019)



Significant shareholders



**RESOURCE
CAPITAL FUNDS**

Mining focussed private equity firm

– **proven track record of supporting emerging mining companies**

FORREST FAMILY INVESTMENTS

Investment entity within Andrew Forrest's Minderoo Group

– **long term equity holder**



MACQUARIE

Metals and Energy capital division

– **long term debt and equity supporter of Vimy**

● ● Rapid project development





The Mulga Rock Project

Definitive Feasibility Study

Resource Estimates

Ore Reserves

● ● Significant Mineral Resource Update – July 2017



Deposit	Resource Estimate Classification	Cut-off grade (ppm U ₃ O ₈)	Tonnes (Mt)	U ₃ O ₈ (ppm)	Total metal U ₃ O ₈ (Mlb)
Mulga Rock East	Measured	150	5.2	1,100	12.6
	Indicated	150	16.8	800	29.6
	Inferred	150	15.5	420	14.3
Sub-total			37.4	680	56.4
Mulga Rock West	Indicated	150	2.2	680	3.2
	Inferred	150	31.7	440	30.4
Sub-total			33.8	450	33.6
Total Resource			71.2	570	90.1

This resource estimate was released to the ASX on 11 July 2017.

- Mulga Rock Project now at 90.1Mlbs U₃O₈ being 71.2Mt at 570ppm U₃O₈
- **High-grade at Mulga Rock East comprises 25Mlbs at 1,500ppm U₃O₈**
- A 30% increase in Mulga Rock East resource since November 2016
- 50% of the global Mineral Resource is in Measured and Indicated status

● ● Major Ore Reserve Update – September 2017

Deposit / Resource	Classification	Cut-off grade (ppm U ₃ O ₈)	Tonnes (Mt)	U ₃ O ₈ (ppm)	Total metal U ₃ O ₈ (Mlb)
Mulga Rock East					
Ambassador	Proved	150	5.3	1,055	12.3
	Probable	150	14.1	775	24.0
Princess	Probable	150	1.7	870	3.3
Sub-total			21.1	850	39.6
Mulga Rock West					
Shogun	Probable	150	1.6	760	2.7
Sub-total			1.6	760	2.7
Total Reserve			22.7	845	42.3

This Reserve estimate was released to the ASX on 4 September 2017.

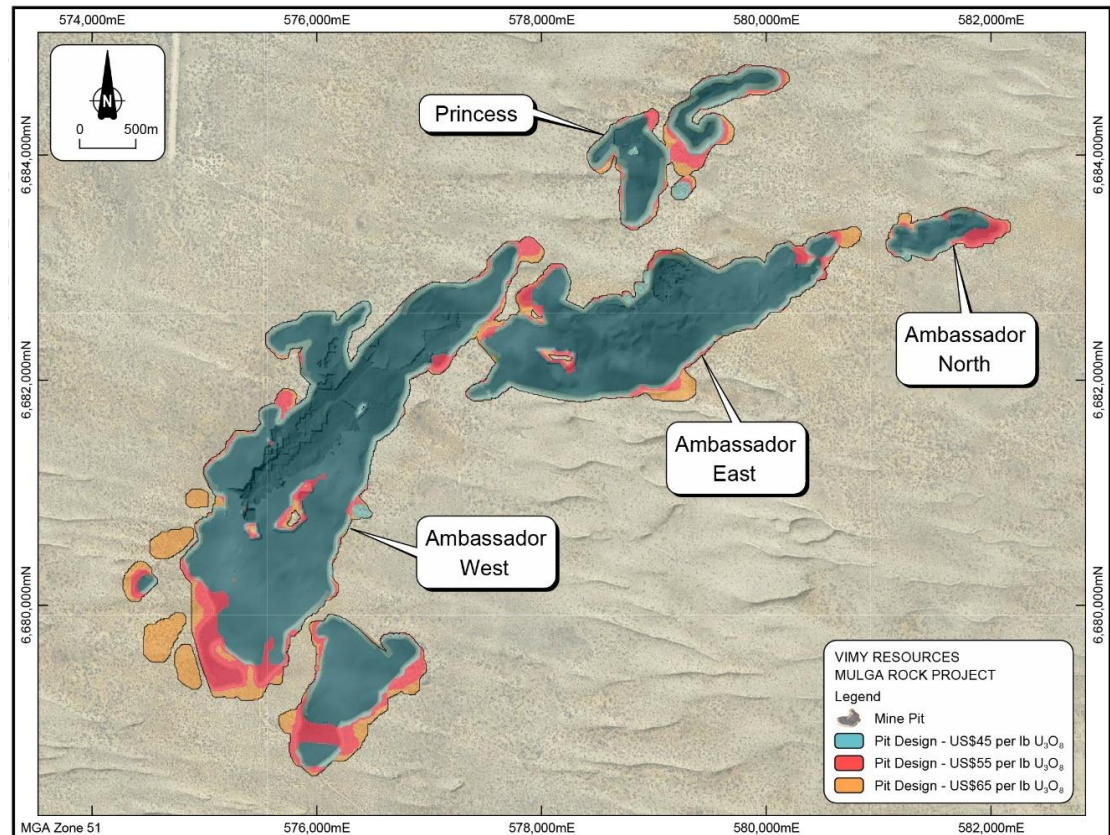
- Ore Reserves now at 42.3Mlbs U₃O₈ from 22.7Mt at 845ppm U₃O₈
- Maiden Proved Ore Reserve of 12.3Mlbs from 5.3Mt at 1,055ppm U₃O₈
- Ore Reserve metal increases 36% from last update in November 2016
- Vimy expects material improvements in project economics

● ● Ore Reserve Update – “Moving to the go line”

- Ore Reserves now at 42.3Mlbs U_3O_8 → + 10 year mine life in Reserves
- Proved Reserves of 12.3 Mlbs U_3O_8 → 3-4 years in Proved Reserves
- New Ore Reserve is expected to significantly improve project economics since the PFS in November 2015 – reduced AISC

Low sensitivity to U price

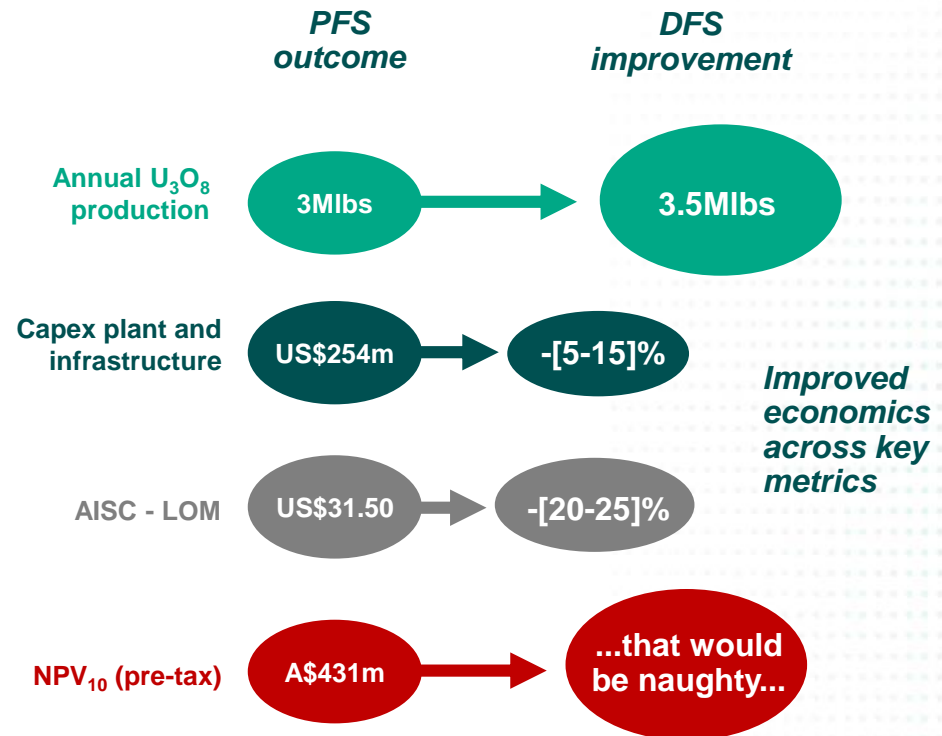
- Pit shells done at average of US\$55/lb U_3O_8
- Little change in contained U from \$45 to \$65 shells → 7% drop in U metal
- Ore Reserve is cash positive at US\$25/lb



Definitive Feasibility Study – “Moving to the go line”

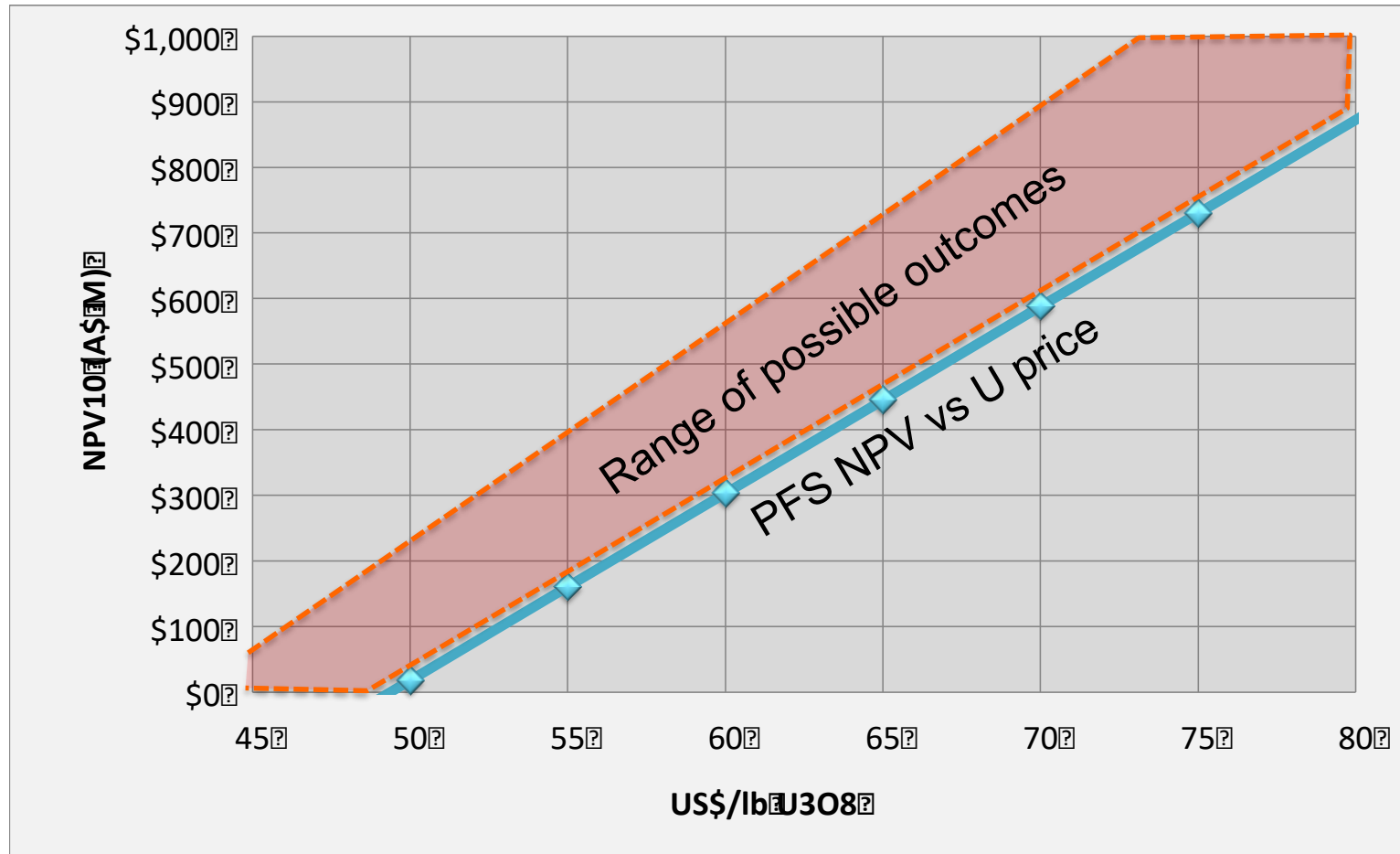
DFS work expected to substantially improve the robust project economics already demonstrated in the Mulga Rock PFS

- The Ore Reserve will **significantly improve project economics as compared to PFS**
 - High grade start-up now a certainty
 - Recent testwork by Converters confirms quality of Vimy’s product
 - Highly competitive project economics establish Vimy as first mover in new production
- The PFS (released November 2015) highlighted Mulga Rock as a long life, low risk uranium development project
 - DFS expected to reduce C1 operating costs by [20-25%] on PFS
 - CapEx expected to be reduced
- DFS planned for release November 2017
 - Flow sheet and plant designs complete
 - Mine schedule the key focus
 - Effort on maximising fundability by minimising Opex and Capex



● ● Effect of improved Ore Reserves on PFS outcomes

PFS results of NPV₁₀ versus achieved uranium contract price



- PFS data published in ASX Announcement 15 November 2015
- Projected outcomes are aspirational in nature and subject to ongoing work



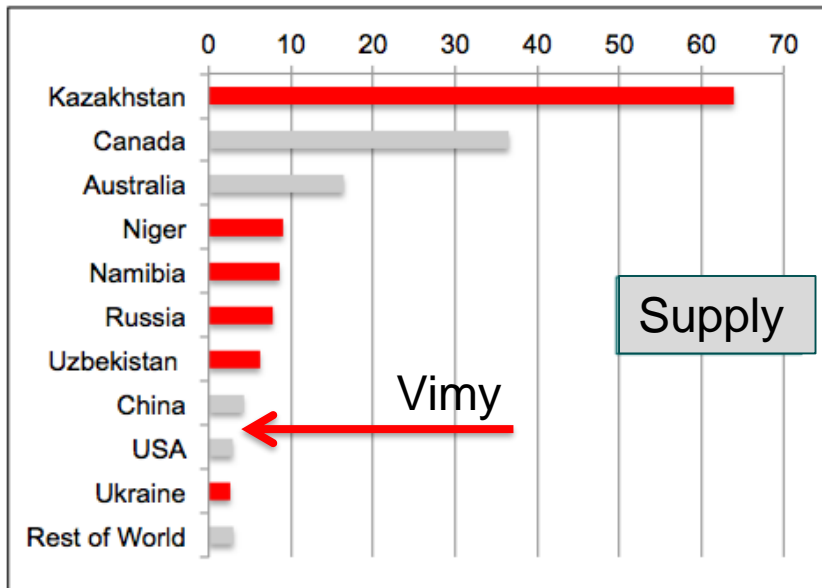
Uranium market dynamics

Reality versus sentiment

Why now?

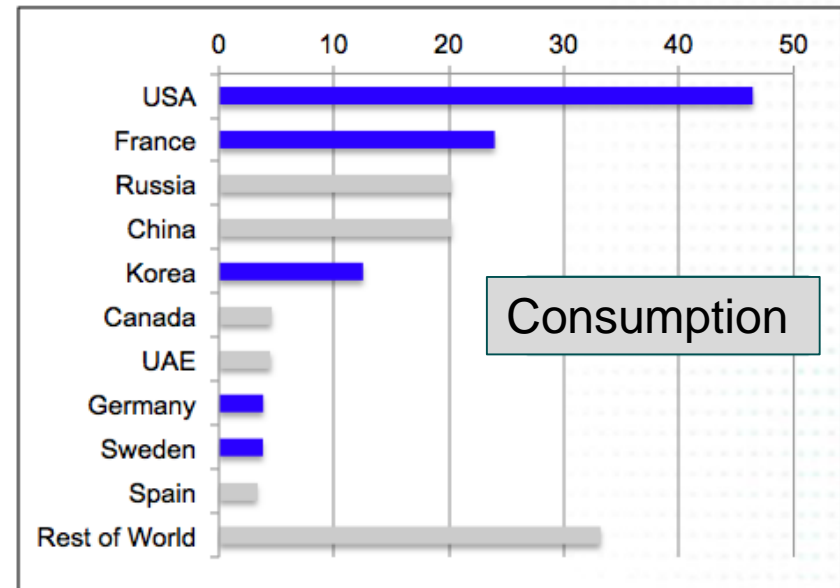
Supply and demand dynamics

- Price of UOC is a small part of a reactor's overall costs
- Utilities' priorities: security of supply, diversity of supply, price of supply...



Kazatomprom main player supply side

- Price maker – “OPEC of uranium”
- Setting up Swiss trading arm – THK
- Planning to privatise 2018 or 2019



USA main player demand side

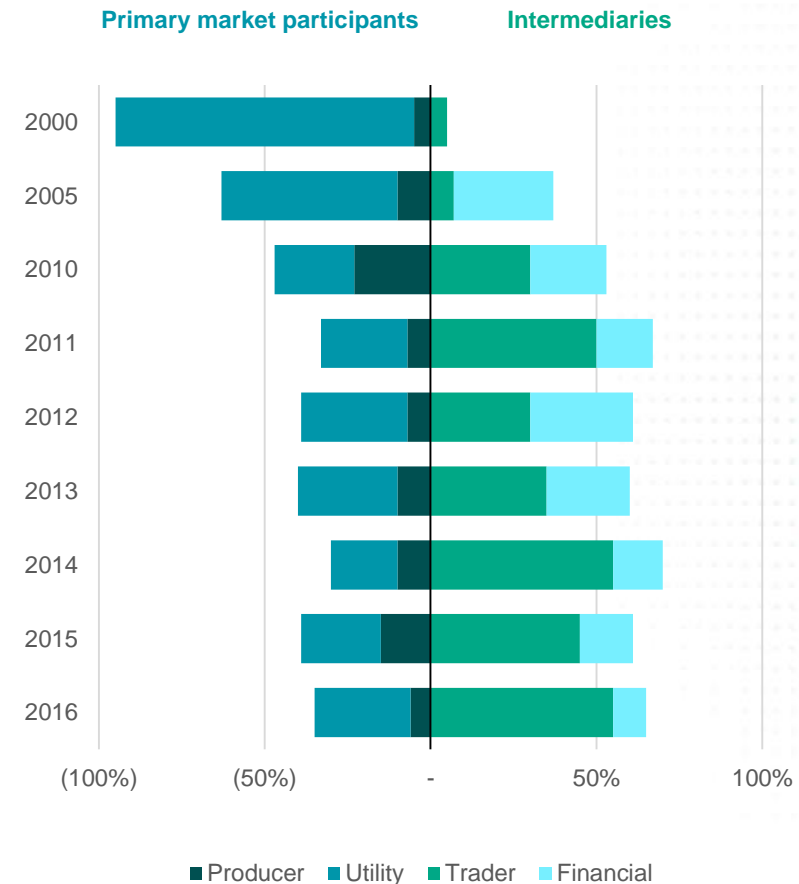
- 25% of world demand
- < 10% of US demand met by US mines
- ~40% of supply Kazakhstan, ~40% Canada
- US reactors prefer “portfolio management” of supply

● ● Uranium pricing dynamics

Very little of annual U production is sold through the spot market

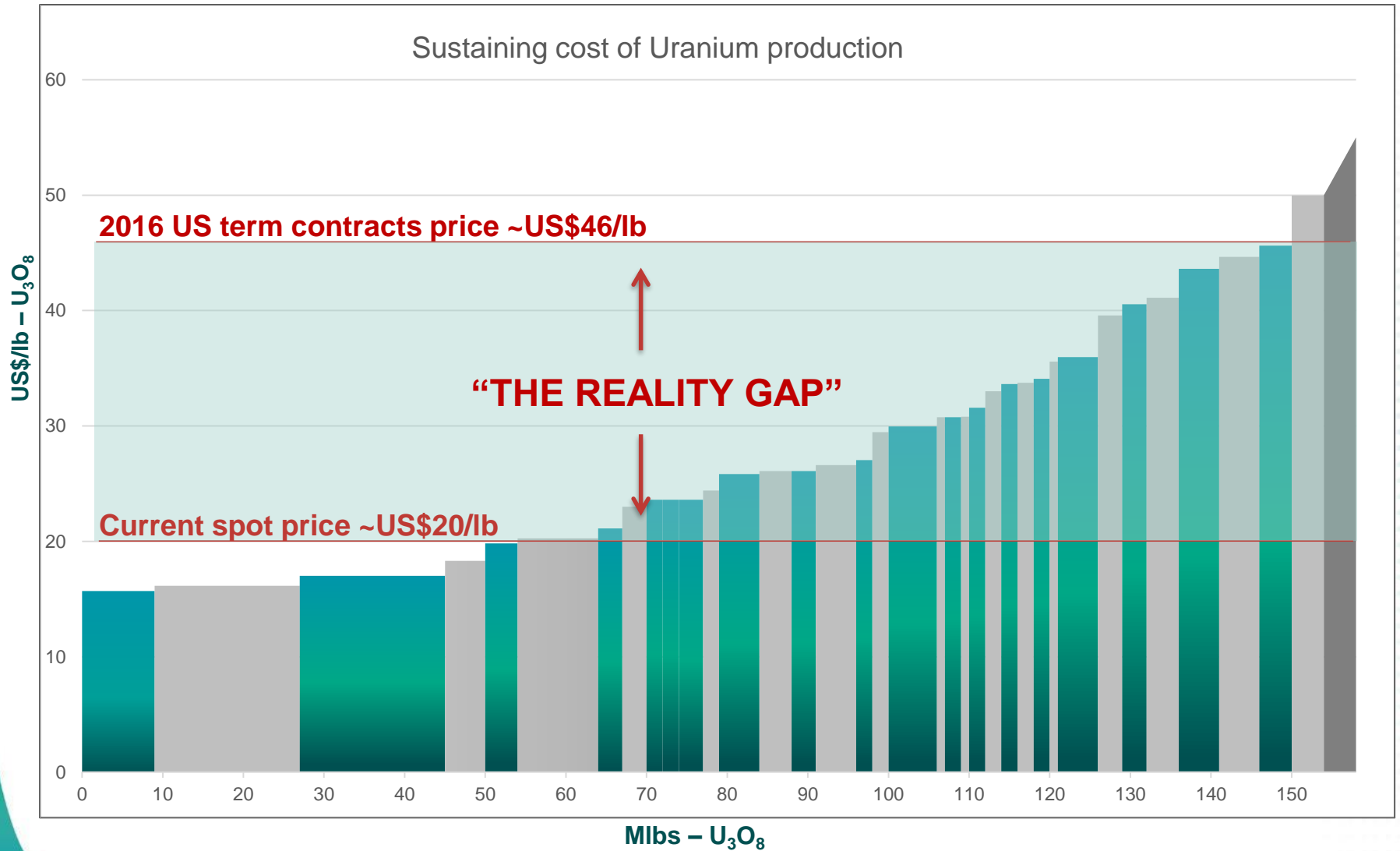
- Vast majority of uranium is sold under long term contracts between producers and utilities
 - LT terms are NOT DISCLOSED
- Spot market is a thinly traded, arbitrage market dominated by off market trades
 - Spot sales ARE DISCLOSED
 - Currently around \$20 / lb
- Spot market is in no way a reflection of current U_3O_8 LT contract prices
- Spot market price is **less than** the marginal cost of production + ROE of **ALL URANIUM BEING MINED**
- Existing uranium contracts are 2x to 2.5x current spot prices
(US avg contract price 2016 - US\$46/lb U_3O_8)

Spot transaction volume share by buyer type



Source: Kazatomprom (2017), TradeTech Uranium Market Study Q1, 2017

Why now?



Source: Company Data + Analysts' Views + Vimy Calculations, US Energy Information Administration | 2016 U Marketing Annual Report

● ● Marketing and financing strategy

Key market and financing dynamics

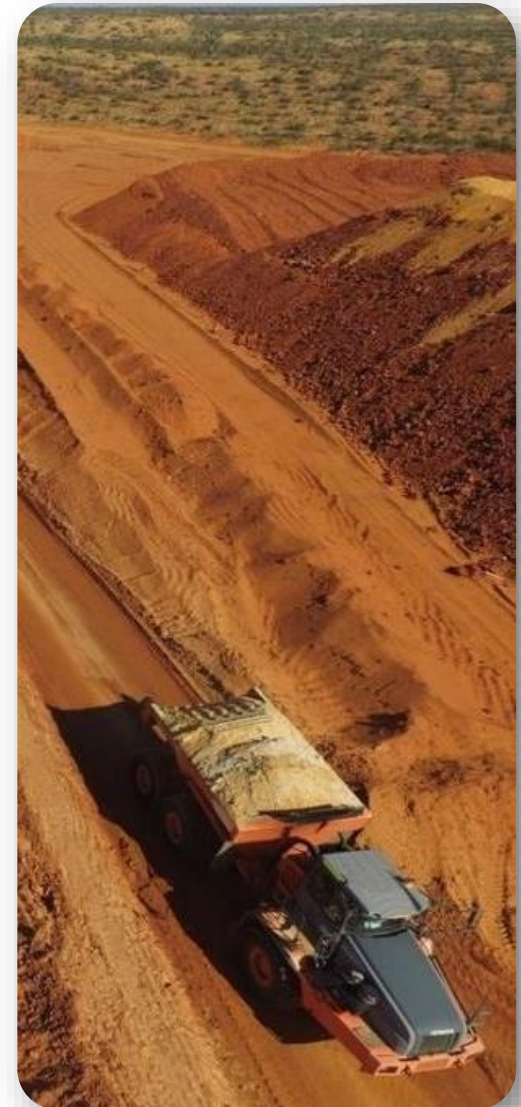
- Key demand markets – non-OECD, China, Russia
- Key offtake markets – Europe, USA, Middle East

Marketing for project financing

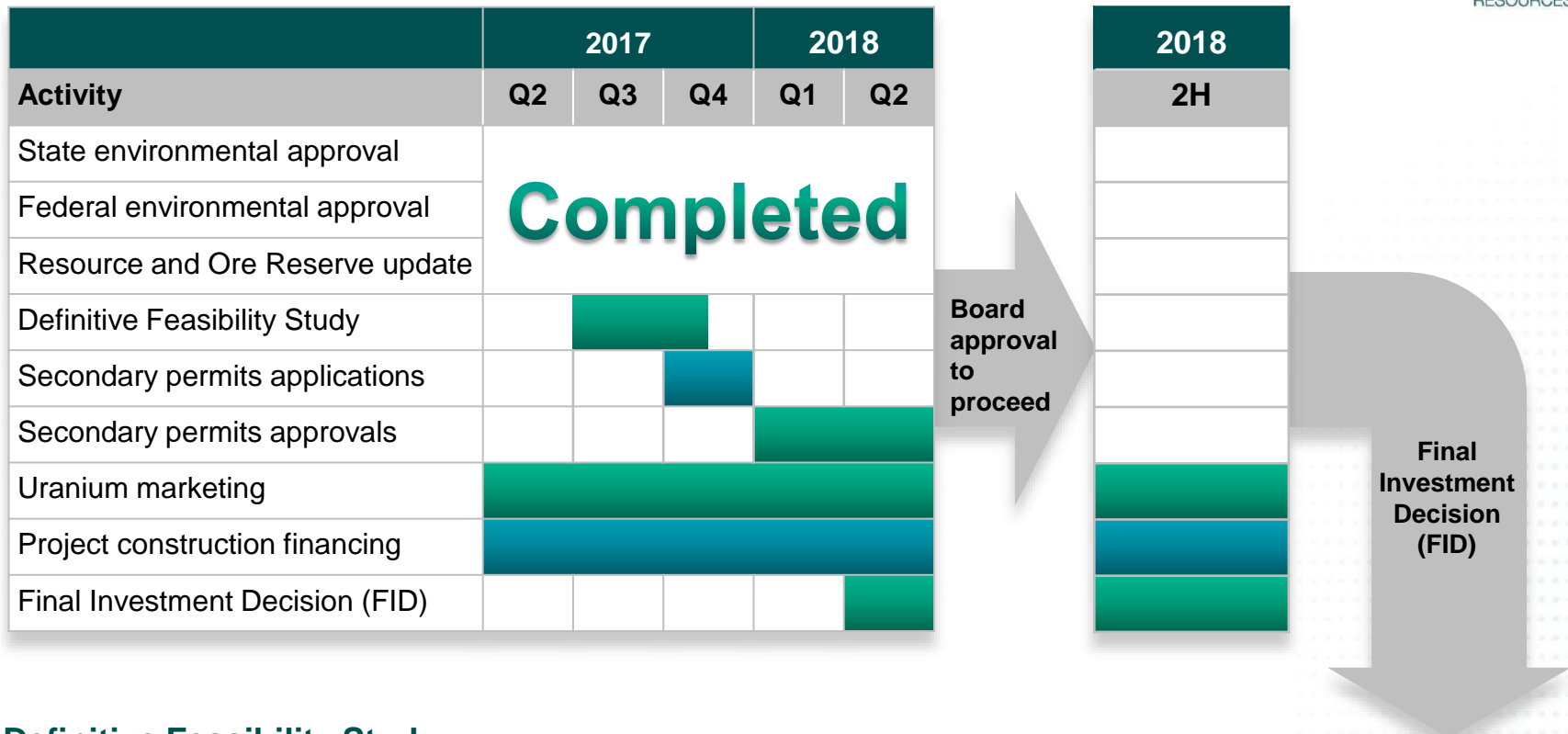
- Separate offtake, finance, marketing activities
- Retains corporate independence from financiers and offtaker
- Allows flexibility in customer base – geography, companies
- Maintains management and flexibility of EPC contract

Finance strategy

- DFS to establish adequate Reserves and cost base
- Mandate with Société Générale – uranium “*know how*”
- Establish bankable “Floor Price” for contract negotiations
- Early engagement with utilities and converters
- Mix debt equity – depends on counter parties, WACC, dilution
- Strong backing from RCF and FFI

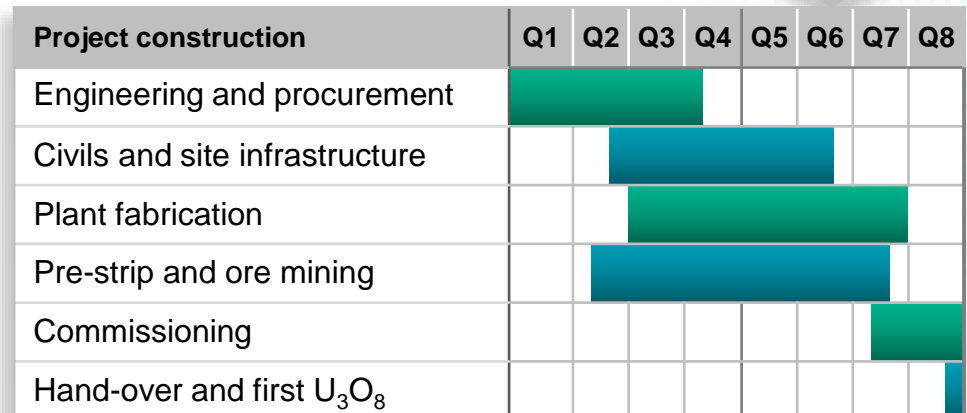


● ● Mulga Rock Project timeline to first uranium



Definitive Feasibility Study

- Nearing completion
- **Improved economics** as a result of new Ore Reserve estimates
- Mine schedule designed for **maximum value** and **higher uranium production**



● ● Vimy Resources Limited

Globally significant uranium deposit
– **size, scale, costs**

People with track record and vision
– **we REALLY build mines**

“Non-stop” development schedule
– ***“it all works”***

Further advanced than most peers –
“mine ready”

Strong balance sheet and stakeholder support

Price correction or no uranium
– **U spot price not connected to AISC + ROE**





The Mulga Rock Project

Location, geology, mining and metallurgy



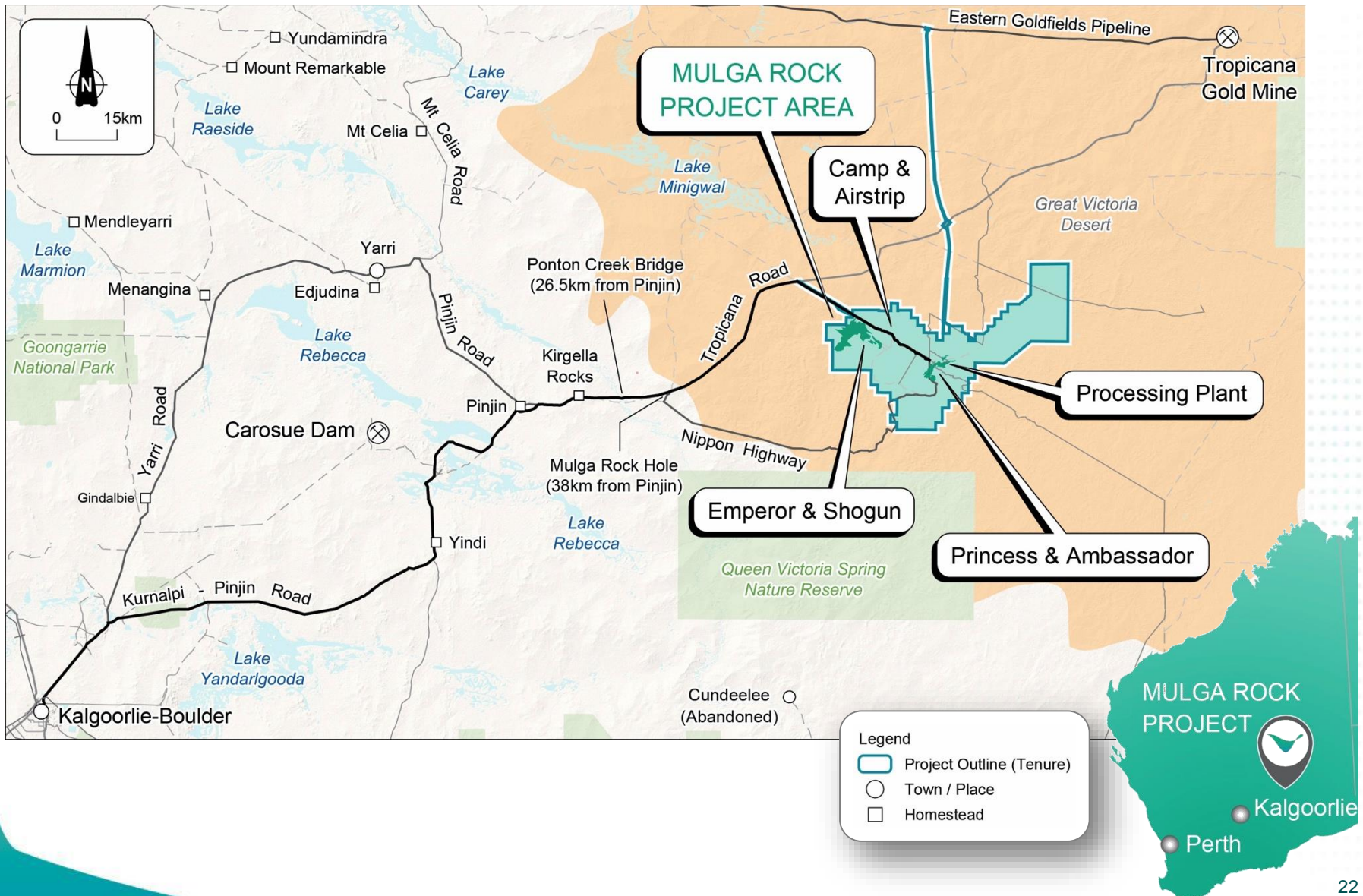
STATE & FEDERAL
MINISTERIAL
APPROVALS

● ● Mulga Rock Project – world class scale

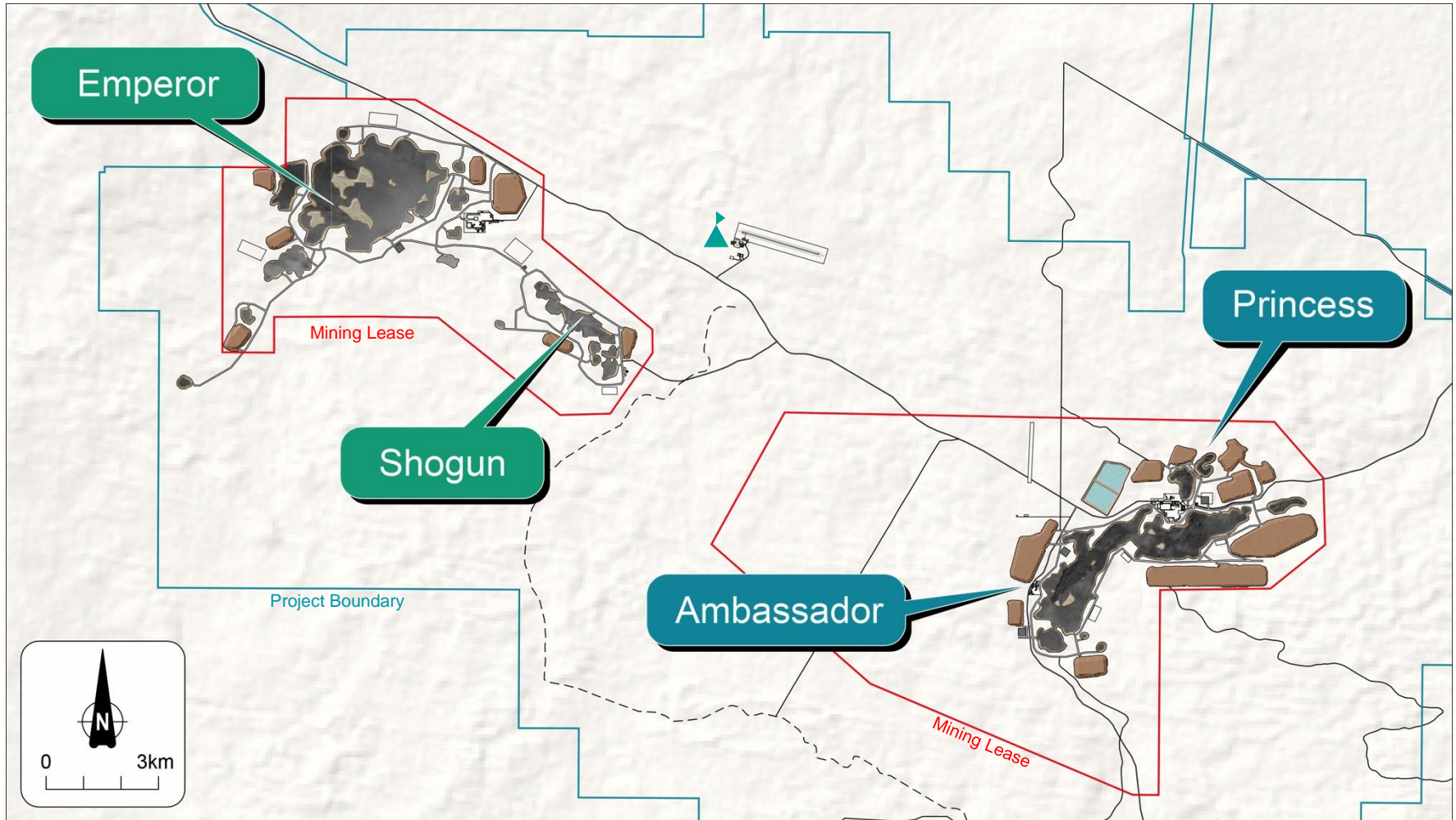
- One of Australia's largest and most advanced, undeveloped uranium resources
- Early high-grade development ~1,500ppm
- WA Labor Government confirms that *"projects approved by the previous government will be able to proceed"*
- DFS has much improved project economics on the PFS
- Annual production rate at 3.5Mlb U₃O₈ per year



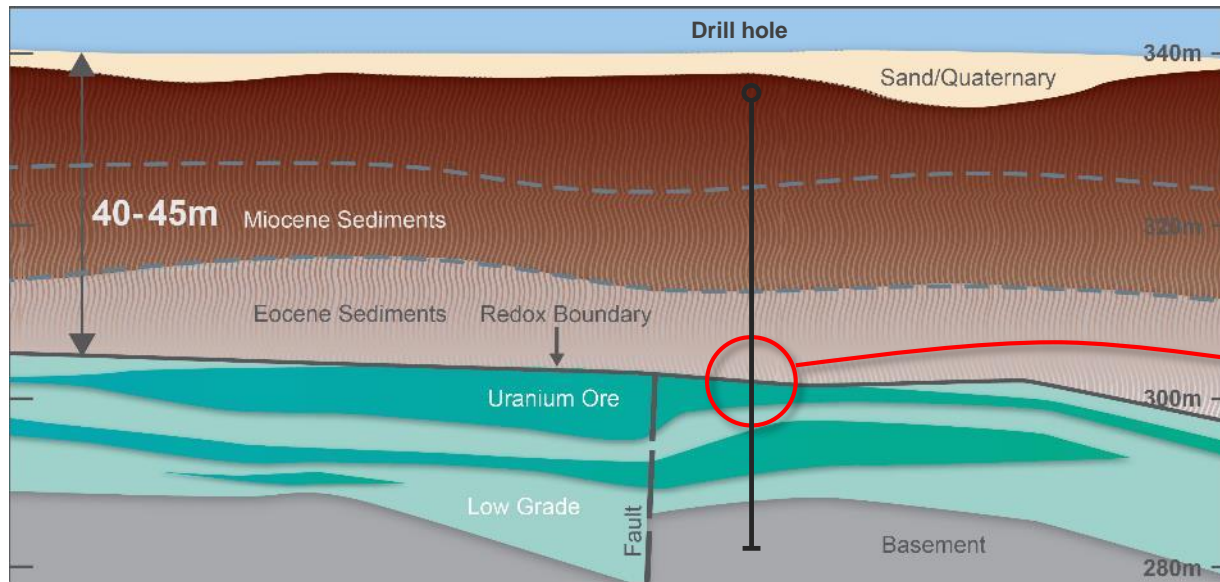
Project location



● ● Mulga Rock Project



● ● Geology – carbon-rich sediment host rock



Typical aircore drill hole



Overburden
– oxidised
sediments

Redox boundary

Supergene
enrichment

Uranium-
bearing
carbonaceous
sandstone

- Hosted within deeply weathered sediments comprising carbonaceous sandstone; silt; sandy lignites
- Mostly **Uraninite (UO_2)** associated with carbonaceous material and lignite – no complex silicate minerals
- Significant supergene enrichment at Redox Zone
- Deep weathering = *soft friable rock*

● ● Mining – simple, established mining methods

- Geotechnical investigation trenches confirm:
 - Free digging nature of overburden and ore
 - Clear demarcation at upper ore contact
- Bulk mining methods for overburden excavation
- Strip mining method results in in-pit waste disposal and ‘real time’ rehabilitation – *key environmental factor*
- Pit voids to be used for tailings disposal and management – *key environmental factor*



Ambassador test pits – February 2016



Close-up in Japanese test pit (1980s) showing carbon-rich ore and free dig nature of material

Development plan – Ambassador and Princess pits



● ● Pilot plant and flow sheet

Beneficiation



Leach circuit



Resin-in-Pulp circuit

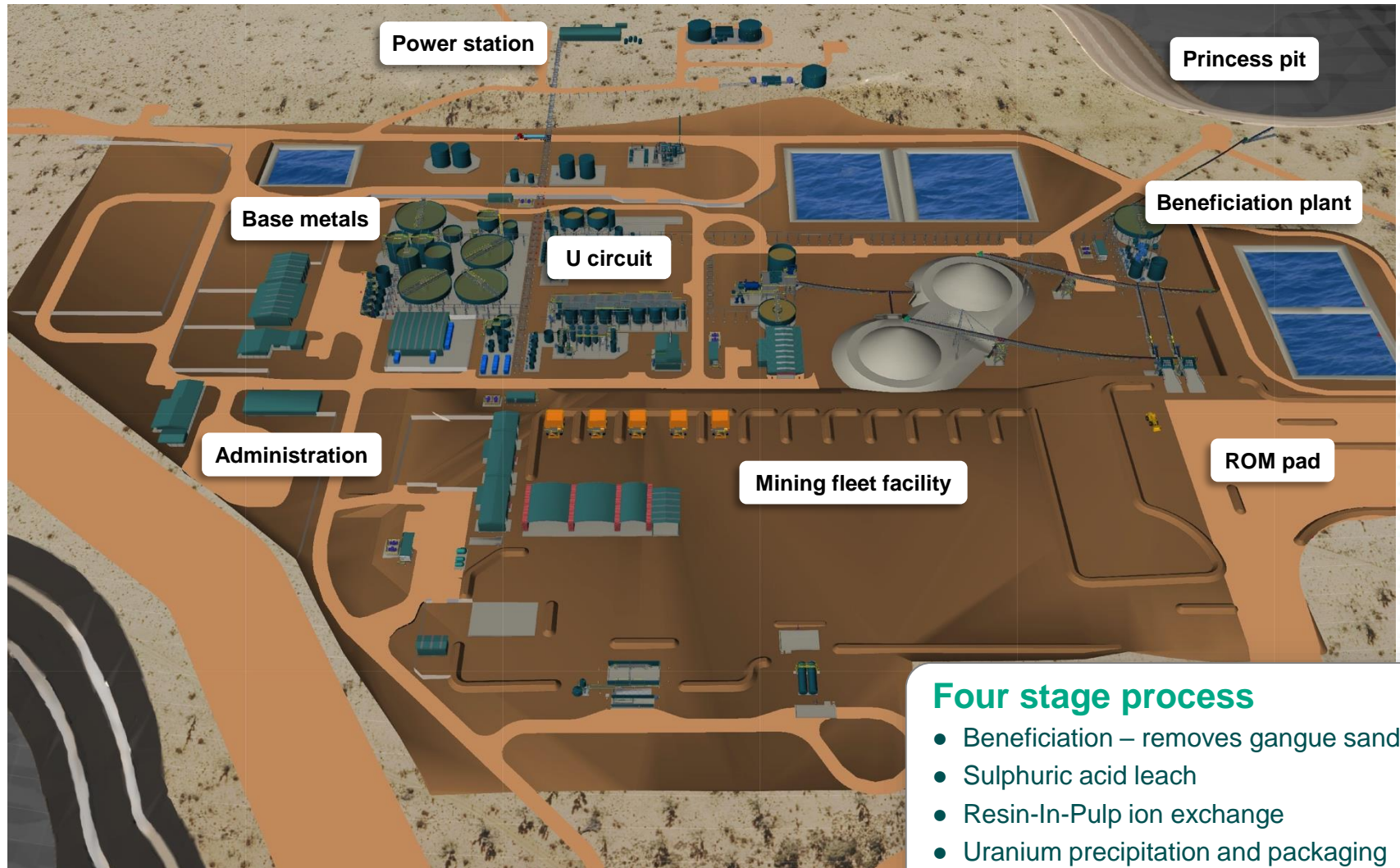


**Uranyl Peroxide
(produced by Vimy)**



U precipitation

● ● Plant layout



Four stage process

- Beneficiation – removes gangue sands
- Sulphuric acid leach
- Resin-In-Pulp ion exchange
- Uranium precipitation and packaging

● ● Key achievements and analysis

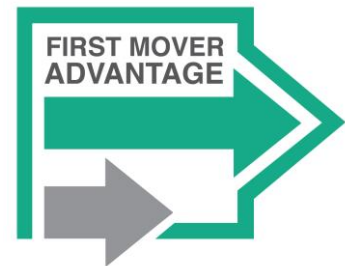
Achievements

- **State and Federal Ministerial Approval**
- **Significant Resource upgrade**
- **Ore Reserve upgrade – 42Mlbs U_3O_8**
- **Mining studies near completion**



Catalysts

- **High-grade start-up and mine scheduling improves LOM economics**
- **DFS** – completed by November 2017
- **U market outlook** – Vimy has first mover advantage
- **Potential consolidation player**





Appendix

Biographies – Board and management

● ● People – The Board



The Hon. Cheryl Edwardes AM – Non-Executive Chairman

- Former WA State Government Minister holding Ministries of Environment, Labour Relations and Attorney General
- Providing statutory and approvals advice to Atlas Iron, Hancock Prospecting, FTI Consulting
- Significant networks in State and Federal Government and broad experience and networks in China's business community



Mike Young – Chief Executive Officer and Managing Director

- Founding Managing Director of BC Iron Limited from 2006 – 2013. BC Iron went from first drill hole to first ore on ship in under four years
- Experienced mining consultant – Resource modelling and estimation – with Golder Associates
- Founding director of uranium developer Bannerman Resources and currently non-executive Chairman of Cassini Resources
- Studied at Queens University, Ontario and worked on uranium exploration projects and mines in Canada



Julian Tapp – Executive Director

- Head of Government Relations and Director of Strategy at Fortescue Metals Group until 2012 with special responsibility for expediting approvals
- Trained as an economist in London, lectured at a number of universities including the London School of Economics
- Chief Economist for Ford Europe, BP and Rover Group before transitioning into role as Director, New Business Development



David Cornell – Non-Executive Director

- Founding director of the Element Group with significant commercial and financial experience in the mining and oil and gas sectors
- Previously an associate director at the LinQ group which managed Australia's largest listed resource fund
- Specialist in providing corporate and professional services to both WA junior explorers and international mining companies



Andy Haslam – Non-Executive Director

- Highly qualified mining executive, with significant experience in project development and operations for both miners and mining contractors
- Currently Non-Executive Director of BC Iron and industry representative on WA Quarry Managers' Board of Examiners
- Holds Diplomas in Mining and Extractive Industries Management from University of Ballarat, Victoria and SEM College in Western Australia



Mal James – Non-Executive Director

- Resources company director with extensive background in finance and accounting
- Very strong focus on uranium, developed over ten years at Peninsula Energy as Executive Director responsible for daily operations through to finance
- Holds a Bachelor of Business (Accounting) from RMIT Melbourne, Fellow of Australian Institute of Company Directors and is a Member of AusIMM

● ● People – The Team



Ron Chamberlain – Chief Financial Officer and Company Secretary

- Financial professional with over 25 years' experience in resources companies – exploration through to mine closure
- Significant experience with uranium companies as inaugural CFO for Paladin Energy and Extract Resources
- Bachelor of Commerce from UWA and Fellow of Chartered Accountants Australia and New Zealand



Tony Chamberlain – Chief Operating Officer

- Involved in a number of uranium projects in Australia, Asia, Africa and Eurasia
- Extensive operational and process engineering experience with WMC and BHP Billiton projects
- Delivered pre-feasibility and feasibility studies and process design packages for Goldfields, Barrick, Paladin and Mega Uranium



Xavier Moreau – Geology and Exploration

- General Manager of Geology and Exploration at Vimy since February 2010
- Valuable uranium project management experience with Areva and U3O8 Limited
- Extensive experience in uranium and gold exploration with Areva and Afmeco with significant time spent on Goldfields projects
- Educated in France and Canada and holds an Honours degree in Geology

