

2014 Annual General Meeting

**Managing Director's Address** 

Uranium:
a clean
energy future

27 November 2014

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# **Agenda**



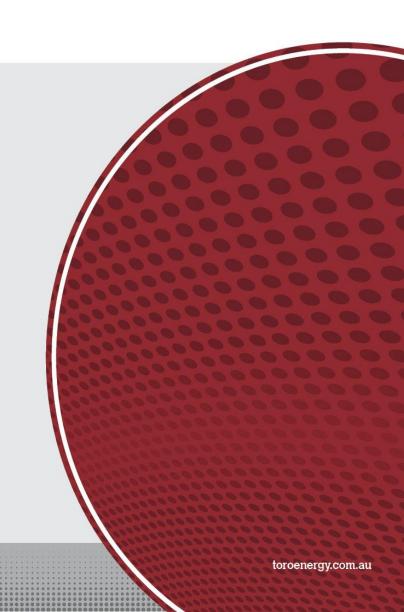
- > 2014 a year of action
- The nuclear market a clean energy future
- > 2015 building on our strengths





2014...

A year of action



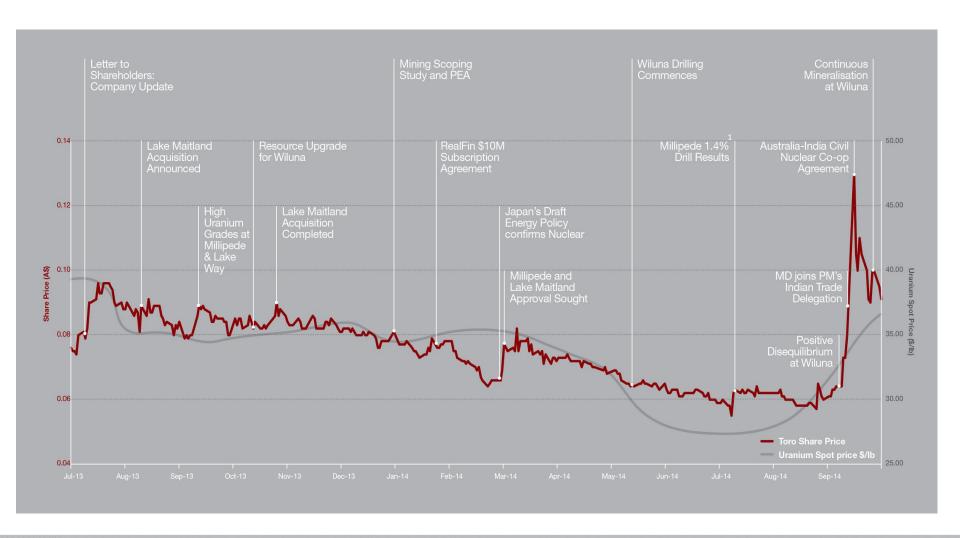
#### **2014** – a year of action...



- 1. Enhanced the Company's financial position and shareholder base
  - \$26M<sup>1</sup> in new equity agreements signed
  - Sentient to become a 19% shareholder on full completion of the transaction
- 2. Maintained the Wiluna Project as Australia's leading uranium development
  - Expanded the Wiluna Uranium Resource base through the acquisition and integration of the Lake Maitland Project
  - Commencement of environmental approvals process for Lake Maitland, Millipede
- 3. Exploration
  - JV with Areva over the Wiso Basin
- 4. Expanded our pipeline assets
  - Acquisition of an interest in TSX listed Strateco Resources Ltd and the Matoush Uranium Project

#### ...despite difficult uranium market conditions





) Refer to ASX release 7 July 2014 toroenergy.com.ai

## Strengthened balance sheet



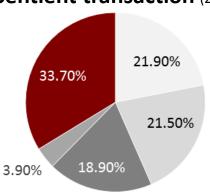


Board & Management Extensive Uranium Experience



\$24M – Forecasted Year End Cash Balance(1)

# Shareholding on completion of Sentient transaction (2)

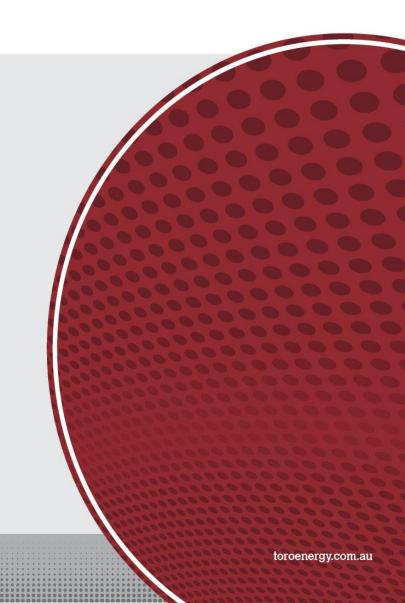




■ OZ Minerals ■ Mega Uranium ■ Sentient ■ Realfin ■ Other



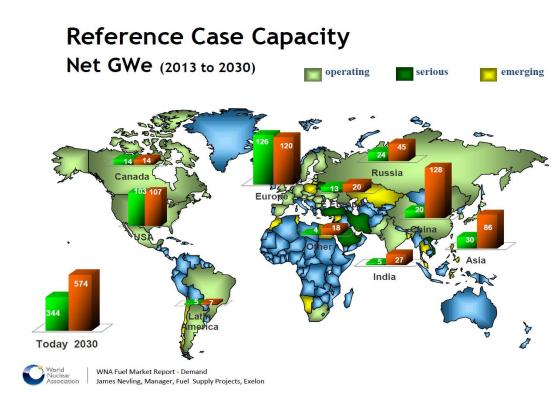
# Global Nuclear Market: the clean energy future



#### The world needs clean energy.....



- World Energy Outlook = 37% increase in global energy demand by 2040
- 90% increase in nuclear power capacity
- 5 new nations adopting nuclear power
- 60% of growth in Asia clean energy to provide significant base load of growth
  - China = 132GW nuclear by 2040
  - India = 25% nuclear power by 2035
  - Japan = 2 reactor re-starts early 2015



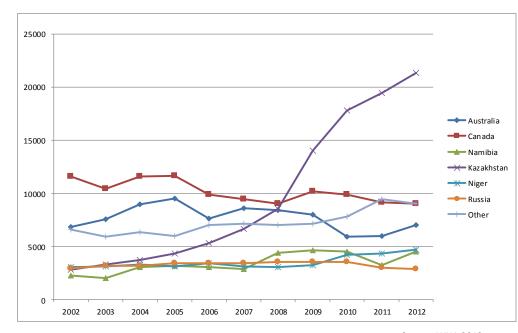
Source: WNA 2013

"Nuclear power is one of a limited number of options available at scale to reduce  $CO_2$  emissions." World Energy Outlook, 2014

#### But current supplies are limited



- Reduced current global uranium production
  - Kayelekera/Honeymoon on C&M
  - Restricted operations Rossing, Ranger, US ISR production
- New production
  - 3 of the 5 pivotal new projects on hold
  - Pivotal projects will meet only 50% of forecasted 2025 demand growth
  - Kazakhstan supply expansion slowed to
     <2% in 2014</li>
  - Small volume ISR production from US
  - Limited new supplies under construction



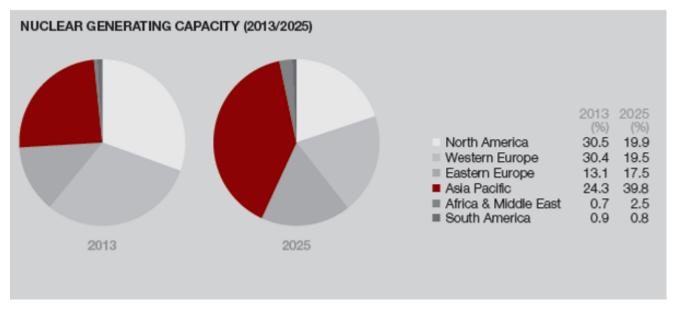
Source: WNA 2013

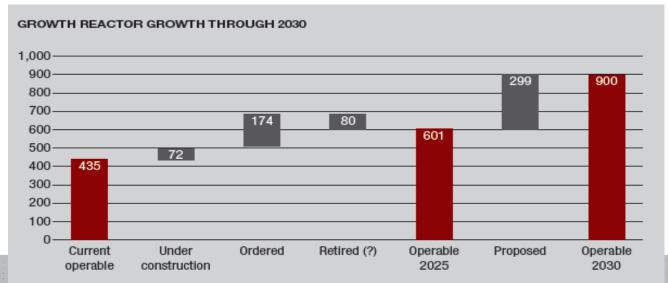
"Nuclear power is one of a limited number of options available at scale to reduce  $CO_2$  emissions."

International Energy Agency: World Energy Outlook, 2014

# India & China are driving the growth



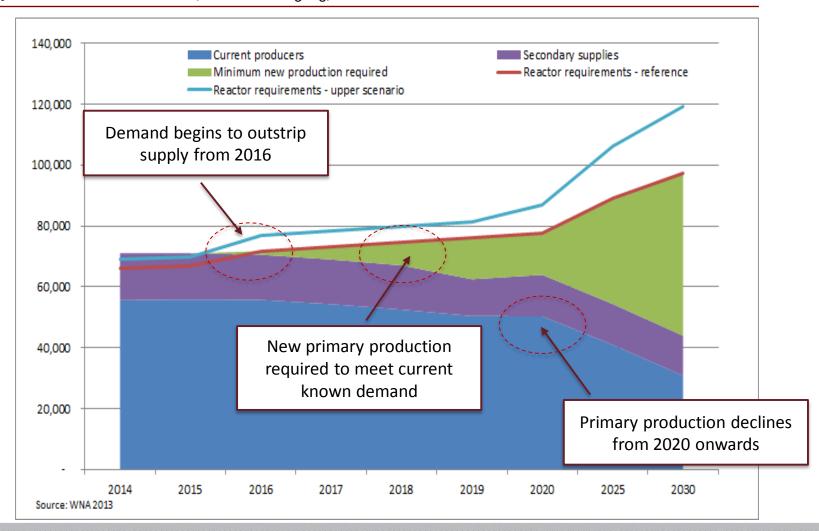




### ...and will demand new supplies



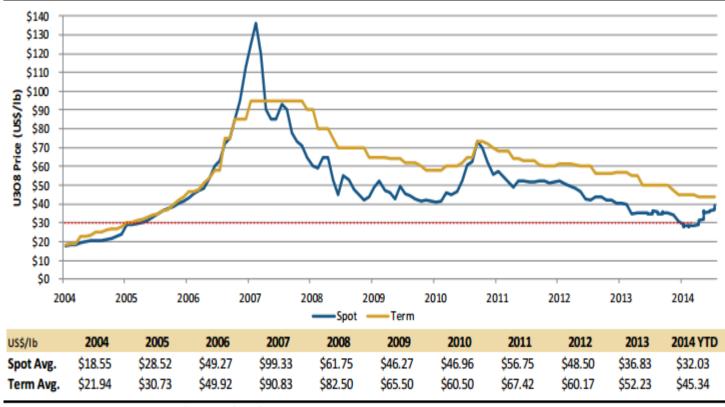
#### Supply/Demand Forecast ('000 T's U<sub>3</sub>O<sub>8</sub>)



# Uranium price will respond to supply shortages





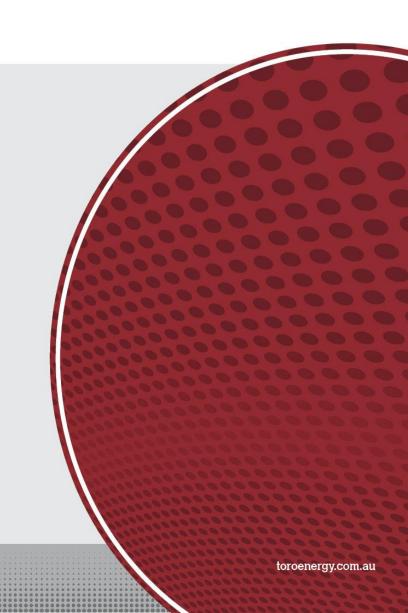


Source: Company Reports, UxC, Dundee Capital Markets



2015...

building on our strengths

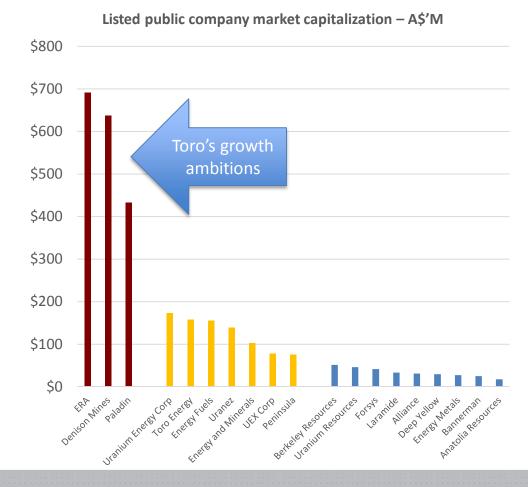


#### Toro's vision



#### To be the "go to" Australian mid cap uranium company

- +\$250M market cap
- Global footprint
- Institutional grade investment
- Exploration through development to production stage assets
- Three key objectives
  - Wiluna development to production
  - Continuing company growth
  - Creating value from exploration



### Three pillar strategy



1

Unlocking the potential of Wiluna uranium province

- Wiluna Project optimisation, R&D and cost improvement
- Replicate the regional success achieved in Athabasca and Kazakhstan
- Establishing a central processing facility to treat regional deposits

2

**Company Growth** 

- Capable of production to meet market recovery and new demand post 2020
- Acceptable jurisdictions with understood permitting process
- Resource scale (pounds and grade for contained metal)
- Competitive cost profile
- Low counterparty execution risk

3

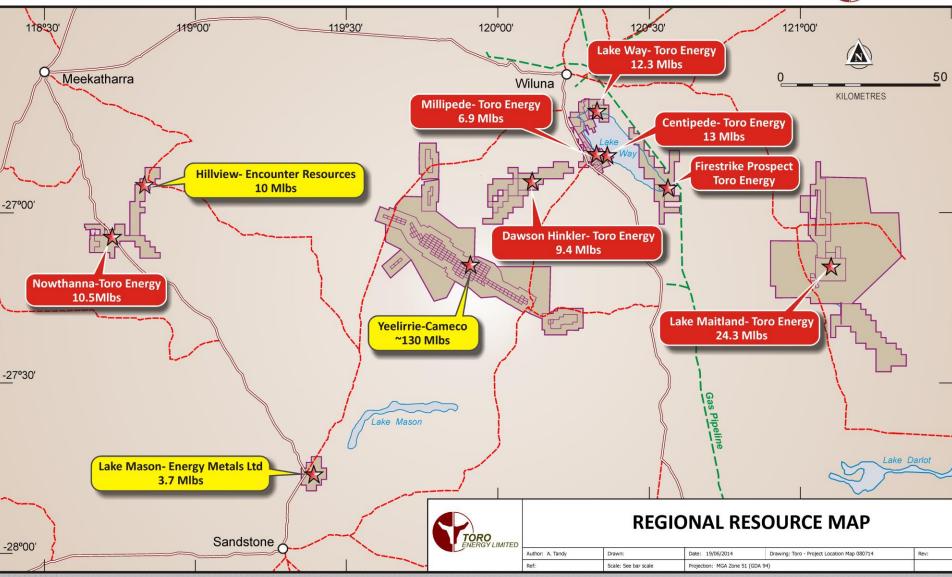
**Exploration** 

- High quality, highly prospective exploration assets
- Joint Ventures and Toro owned

#### Built on a stable financial platform

## Unlocking the Wiluna uranium province

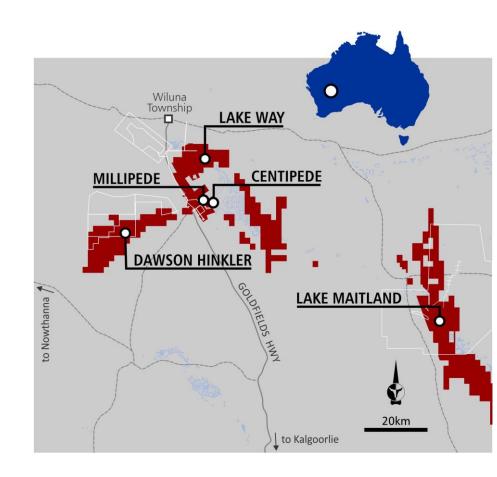




#### Wiluna Uranium Project is ready for market...



- The Wiluna Uranium Project is Australia's most advanced uranium development project
- Initial government approvals to begin mining in hand
- Ready to be built when uranium markets return
- Large, well defined calcrete-hosted carnotite resource of 76.5Mlb U<sub>3</sub>O<sub>8 (1)</sub>
- Technical confidence in resource, mining, processing and engineering
- Project development partners interest



# **Wiluna Technical Development Status**



Area	Work completed	Confidence			
Resources	<ul> <li>Measured and Indicated JORC 2012</li> <li>Additional resource development work planned for 2015</li> </ul>	<ul><li>Very high</li></ul>			
Permits	<ul> <li>Two mines approved</li> <li>Processing facility and tailings disposal approved</li> <li>Millipede and Lake Maitland referred to government</li> </ul>				
Mining	<ul><li>Scoping study / pre-feasibility study completed</li><li>Independent consultants</li></ul>	<ul> <li>High</li> </ul>			
Metallurgy and Plant Design	<ul> <li>Definitive feasibility study completed</li> <li>Independent consultants</li> <li>Process flowsheet optimisation underway</li> </ul>	<ul><li>High</li></ul>			
Infrastructure	<ul> <li>Scoping study / pre-feasibility study completed</li> </ul>	<ul><li>High</li></ul>			
Capital cost estimate (+/- 25%)	<ul> <li>Definitive feasibility study completed</li> <li>Independent consultants</li> <li>Capex review and optimisation underway</li> </ul>	■ Good			
Operating cost estimate (+/- 25%)	<ul> <li>Mining costs - Scoping study / pre-feasibility study completed</li> <li>Processing costs - definitive feasibility study completed</li> <li>Independent consultants</li> <li>Process Flowsheet optimisation underway</li> </ul>	■ Good			

# **Major Approval & Permitting Requirements**



	Wiluna Deposit	Government environmental approvals	Mining Leases Granted	Traditional Owner Agreement
CORE DEPOSITS	Centipede			Final Negotiation
	Lake Way		Application	Final Negotiation
	Millipede	Underway		Final Negotiation
	Lake Maitland	Underway		Final Negotiation
	Dawson Hinkler	Post 2016	Application	Negotiations 2016
	Nowthanna	Post 2016	Post 2016	Negotiations 2016

#### **Focus Areas for 2015**



Activities	Use
Wiluna	Securing final environmental approvals for the Millipede and Lake Maitland deposits
	> Traditional owner agreements
	Resource disequilibrium and variability studies
	Process flow sheet improvements such as beneficiation, reduced reagent consumption, water balance, tailings management
	Access to technology innovation in carbonate metallurgical processing routes via the Sentient-owned Enirgi Group
	Project partner
	> DFS completion on market recovery
Corporate	Focussed exploration activities and joint venture participation
	Alternatives to refinance Macquarie facility
	Maintain interest in Strateco
	Supporting progress of SeqUr Exploration in Athabasca Basin



## **Toro Energy**

An Australian pure play uranium company positioning for the global market recovery through:

- Unlocking Wiluna regional province through development, mining and product export
- The pursuit of a pro-active pure uranium global growth strategy
- Creating value from our exploration and project development portfolio



#### Vanessa Guthrie

Managing Director

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#### Wiluna Resources

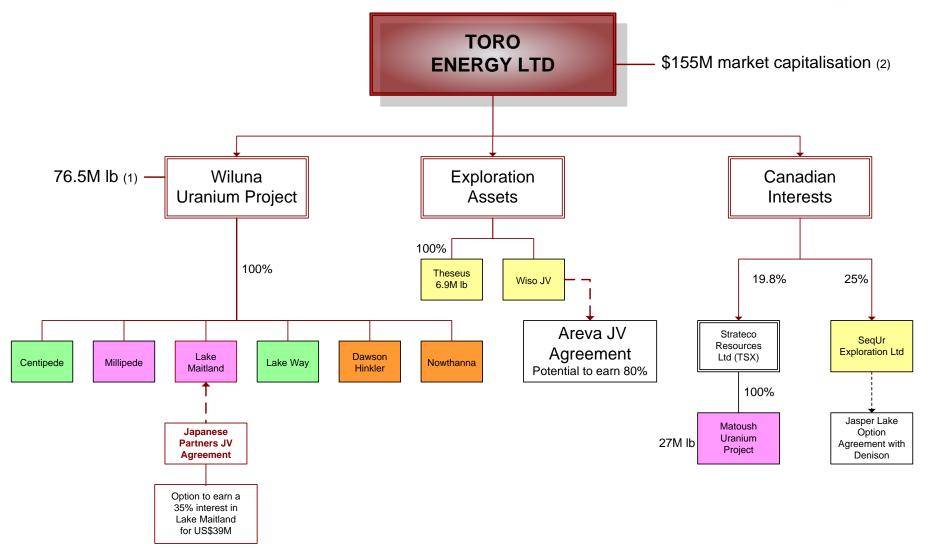


# Current Resources Table Wiluna Uranium Project In accordance with JORC 2012

III decordance with ooke 2012									
DEPOSIT	Measured Indicated Inferred				TOTA	L			
	U3O8 cutoffs	200 ppm	500 ppm						
Centipede	Mt's	2.9	1.2	7.5	3.1	0.0	0.0	10.4	4.3
	Grade ppm	551	872	572	943	0	0	567	923
	MIb's U3O8	3.5	2.4	9.5	6.5	0.0	0.0	13.0	8.8
LakeWay	Mt's	0.0	0.0	10.3	4.2	0.0	0.0	10.3	4.2
	Grade ppm	0	0	545	883	0	0	545	883
	MIb's U308	0.0	0.0	12.3	8.2	0.0	0.0	12.3	8.2
Millipede	Mt's	0.0	0.0	4.5	1.6	1.9	0.4	6.4	1.9
	Grade ppm	0	0	530	956	382	887	486	943
	MIb's U3O8	0.0	0.0	5.3	3.3	1.6	0.7	6.9	4.0
Lake Maitland	Mt's	0.0	0.0	19.9	7.5	0.0	0.0	19.9	7.5
	Grade ppm	0	0	555	956	0	0	555	956
	MIb's U3O8	0.0	0.0	24.3	15.7	0.0	0.0	24.3	15.7
	Mt's	2.9	1.2	42.2	16.3	1.9	0.4	47.0	17.9
Sub-total	Grade ppm	551	874	553	934	382	887	546	929
	MIb's U308	3.5	2.4	51.4	33.7	1.6	0.7	56.6	36.7
Dawson Hinkler	Mt's	0.0	0.0	8.4	0.9	5. 2	0.3	13.6	1.1
	Grade ppm	0	0	336	596	282	628	315	604
	MIb's U308	0.0	0.0	6.2	1.1	3.2	0.4	9.4	1.5
Nowthanna	Mt's	0.0	0.0	0.0	0.0	11.9	2.3	11.9	2.3
	Grade ppm	0	0	0	0	399	794	399	794
	MIb's U308	0.0	0.0	0.0	0.0	10.5	4.1	10.5	4.1
	Mt's	2.9	1.2	50.6	17.2	19.0	2.9	72.5	21.3
Total Regional Resource	Grade ppm	551	874	519	915	365	791	479	898
	MIb's U308	3.5	2.4	57.6	34.8	15.3	5.1	76.5	42.3

#### **Toro Group**





<sup>(1)</sup> Includes the disclosed Toro Mineral Resources of the Wiluna Uranium Project (Refer to ASX release 19 November 2013 and Competent Persons statement at end of this presentation) and Theseus Prospect (Refer to ASX release 5 December 2012 and Competent Persons statement at end of toroenergy.com.at this presentation and Resources quoted by Strateco Resources Ltd Matoush Uranium Project

#### **Toro Board**





Erica Smyth (Non-Executive Chairman)

- 30+ years experience in the mineral and petroleum industries
- Director of Australian Nuclear Science and Technology Organization



**Dr Vanessa Guthrie** (Managing Director)

- PhD in Geology, Environment
- Extensive executive & management experience in sustainability, environment, government & approvals, mine operations, community & indigenous in Western Australia



**Greg Hall** (Non-Executive Director)

- Mining engineer & founding director of Toro
- 30+ years resource sector experience, including 21 years managing Ranger, Jabiluka & Olympic Dam and uranium marketing with Rio Tinto



Andrew Coles (Non-Executive Director)

- Bachelor of Economics (Hons), MBA, CPA
- CFO of OZ Minerals Ltd
- Extensive career in mining finance with Rio Tonto, ExxonMobil, Zinifex and Oxiana



Richard Patricio (Non-Executive Director)

- Executive Vice President Corporate Affairs of Mega Uranium
- Lawyer qualified to practice in the Province of Ontario



Richard Homsany (Non-Executive Director)

- Executive Vice President, Australia or Mega Uranium
- Extensive experience in the resources industry, including working for North Ltd., which was acquired by Rio Tinto Ltd. in 2001, and board experience with publicly listed resource companies in Australia



Michel Marier (Non-Executive Director)

- Mfin, CFA
- Nominee of, and current investment manager with, Sentient
- Investment banker, 5 years with Sentient, 8 years with CDPQ in Montreal

# **Competent Persons Statement**



Wiluna Project Mineral Resources – 2012 JORC code compliant resource estimates – Centipede, Millipede, Lake Way, Lake Maitland, Dawson Hinkler and Nowthanna deposits

The information presented here that relates to Mineral Resources of the Centipede, Millipede, Lake Way, Lake Maitland, Dawson Hinkler, and Nowthanna deposits is based on information compiled by Dr Greg Shirtliff of Toro Energy Limited (with the aid of Mega Uranium Limited geologists Mr Stewart Parker and Mr Robin Cox in the case of Lake Maitland) and Mr Robin Simpson and Mr Daniel Guibal of SRK Consulting (Australasia) Pty Ltd. Mr Guibal takes overall responsibility for the Resource Estimate, and Dr Shirtliff takes responsibility for the integrity of the data supplied for the estimation. Dr Shirtliff is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM), Mr Guibal is a Fellow of the AusIMM and Mr Simpson is a Member of the Australian Institute of Geoscientists (AIG) and they 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 Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012)'. The Competent Persons consent to the inclusion in this release of the matters based on the information in the form and context in which it appears.

#### Theseus Project – 2004 JORC code compliant resource estimate

Information presented here relating to the Theseus Resource Estimate is based on work supervised by Michael Andrew, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and the Australian Institute of Geoscientists (AIG). Mr Andrew is a full-time employee of Optiro, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity 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 Andrew consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.