

# Presentation to the Financial Community 2012 Half Year Results

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# Acknowledge Traditional Owners

- The mining operations of Energy Resources of Australia Ltd (ERA) are located on Aboriginal land and are surrounded by, but separate from, Kakadu National Park
- ERA respectfully acknowledges the Mirarr, Traditional Owners of the land on which the Ranger mine is situated

# Forward-looking statement

- This presentation has been prepared by Energy Resources of Australia Ltd (“ERA”) and consists of the slides for a presentation concerning ERA. By reviewing/attending this presentation you agree to be bound by the following conditions.

## Forward-looking statements

- This presentation includes forward-looking statements. All statements other than statements of historical facts included in this presentation, including, without limitation, those regarding ERA’s financial position, business strategy, plans and objectives of management for future operations (including development plans, rehabilitation estimates and subjectives relating to ERA’s products, production forecasts and reserve and resource positions), are forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of ERA, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.
- Such forward-looking statements are based on numerous assumptions regarding ERA’s present and future business strategies and the environment in which ERA will operate in the future. Among the important factors that could cause ERA’s actual results, performance or achievements to differ materially from those in the forward looking statements include, among others, adverse weather conditions, levels of actual production during any period, levels of demand and market prices, the ability to produce and transport products profitably, the impact of foreign currency exchange rates on sales revenues, market prices and operating costs, operational problems, political uncertainty and economic conditions in relevant areas of the world, the actions of competitors, activities by governmental authorities such as changes in taxation or regulation and such other risk factors identified in ERA’s most recent Annual Report and other presentations released by ERA. Forward-looking statements should, therefore, be construed in light of such risk factors and undue reliance should not be placed on forward-looking statements. These forward-looking statements speak only as of the date of this presentation.
- Nothing in this presentation should be interpreted to mean that future earnings per share of ERA will necessarily match or exceed its historical published earnings per share.
- The information in this report that relates to Ranger Mineral Resources or Ore Reserves is based on information compiled by Geologists Greg Rogers (a full time employee of Energy Resources of Australia Ltd) and Arnold van der Heyden (a full time employee of Hellman & Schofield Pty Ltd and consultant to Energy Resources of Australia Ltd) and Mining Engineer Reid Miller (full time employee of Energy Resources of Australia Ltd) who are all members of the Australasian Institute of Mining & Metallurgy. Greg Rogers, Arnold van der Heyden and Reid Miller have sufficient experience which is relevant to the style of mineralisation and the type of deposit under consideration, and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Greg Rogers, Arnold van der Heyden and Reid Miller consent to the inclusion in this presentation of the matters based on their information in the form and content in which it appears.

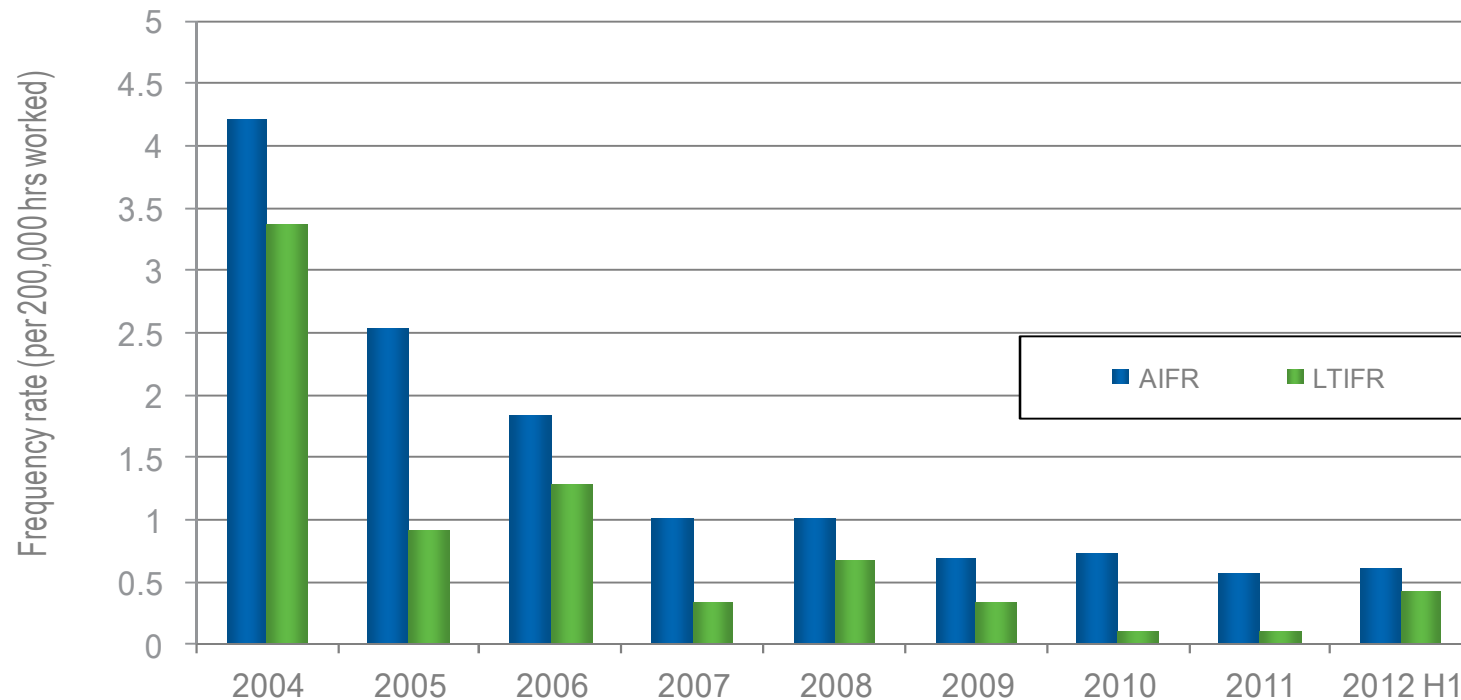


# Agenda

- Safety
- People
- Operational performance
- Financial overview
- Mining
- Ranger 3 Deeps
- Brine Concentrator
- Exploration
- Relationship with Traditional Owners
- Market update
- Summary

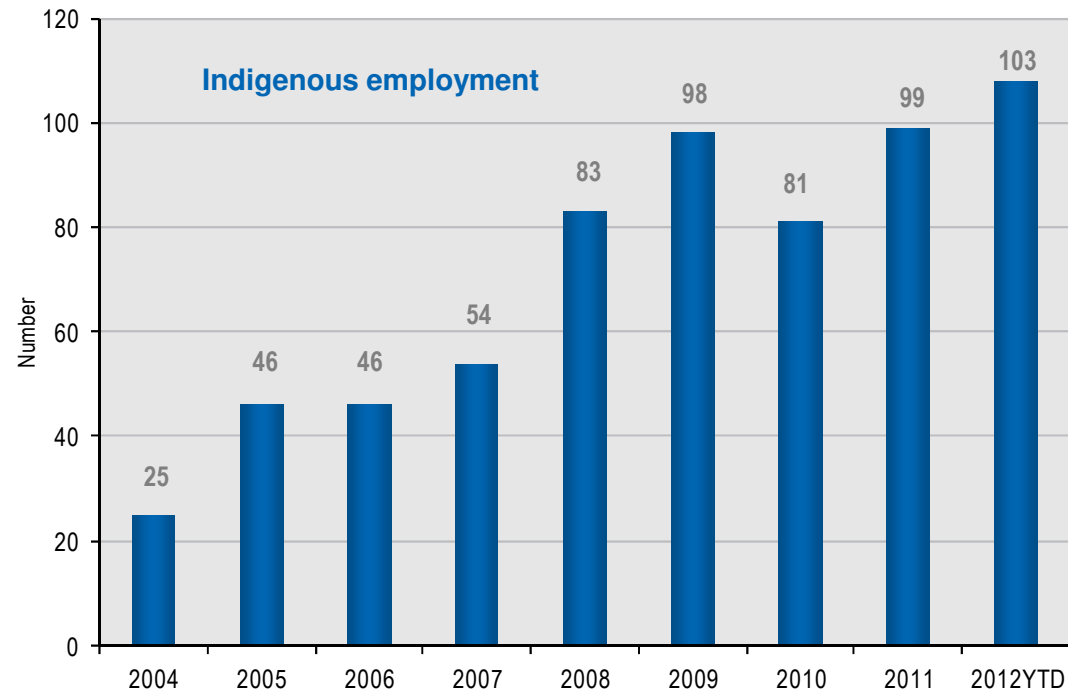
# Safety performance

- ERA has maintained a strong focus on safety and achieved an All Injury Frequency Rate of 0.65 year to date
- Three recordable injuries have occurred in the first half of 2012
- These three recordable injuries consisted of two Lost Time Injuries (a sprained wrist from an employee slipping in a shower; and a strained shoulder from an employee slipping on a step) and one Medical Treatment Case (a laceration to the shin whilst stepping onto a drill rig)
- All three employees have made a full recovery and returned to full duties



# Our people

- ERA is a major employer in the West Arnhem region, and one of the leading employers of Indigenous people in the Northern Territory
- As at 26 July 2012, ERA has approximately 600 full time employee positions, which includes 103 Indigenous employees
- Our female participation rate is currently 21%
- ERA currently employs 17 fulltime apprentices and five school based apprentices
- Rolling employee turnover is 22%



## Operational performance

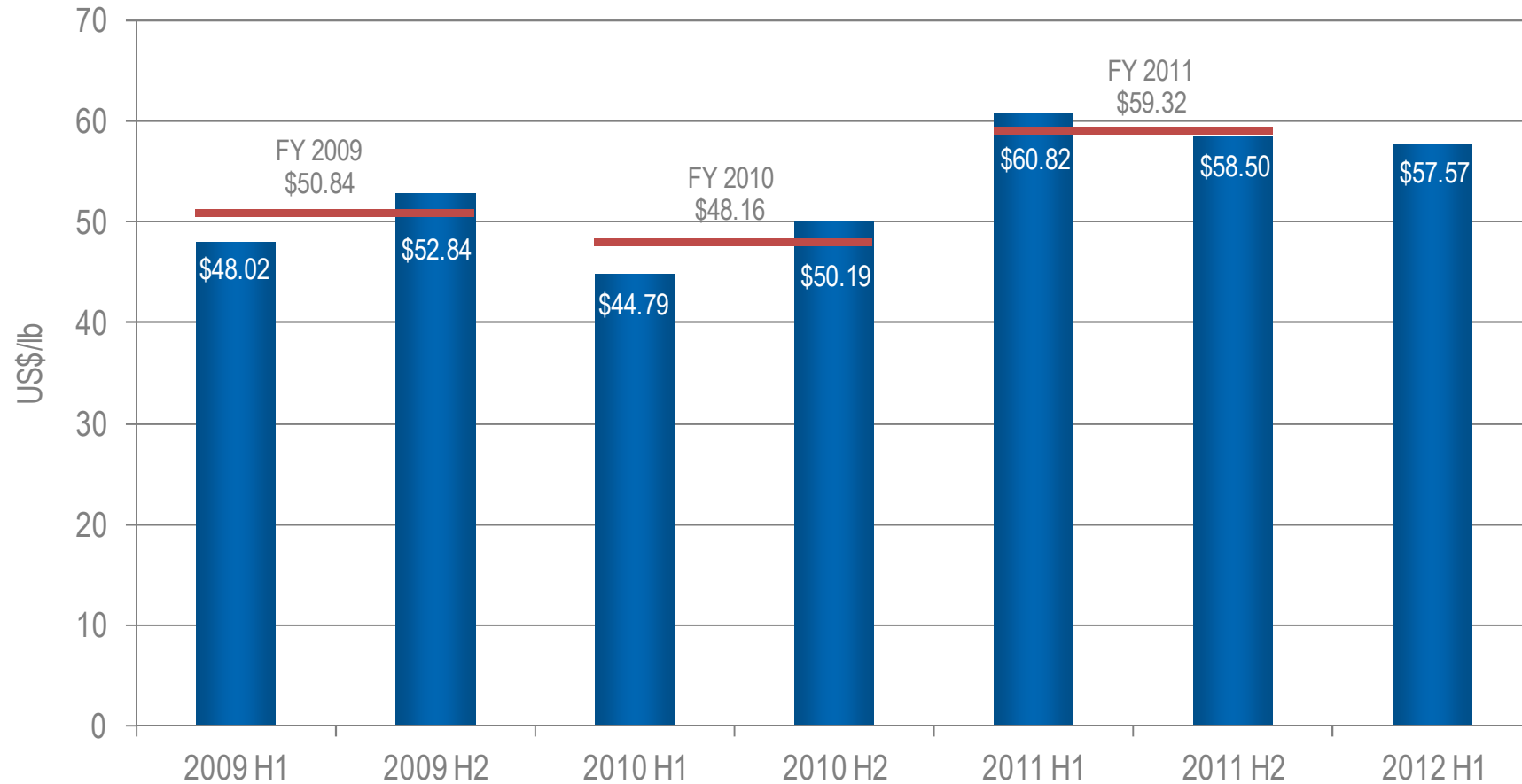
	H1 2012	H1 2011	Change
Total material mined (million tonnes)	5.2	4.2	+ 24%
Ore mined (million tonnes)	0.6	0.2	+ 190%
Ore milled (million tonnes)	1.3	0.3	+ 393%
Average mill head grade (%)	0.11	0.21	- 48%
Mill recovery (%)	86.4	87.9	- 2%
Production drummed – U <sub>3</sub> O <sub>8</sub> (tonnes)	1,244	601	+ 107%

# Financial overview

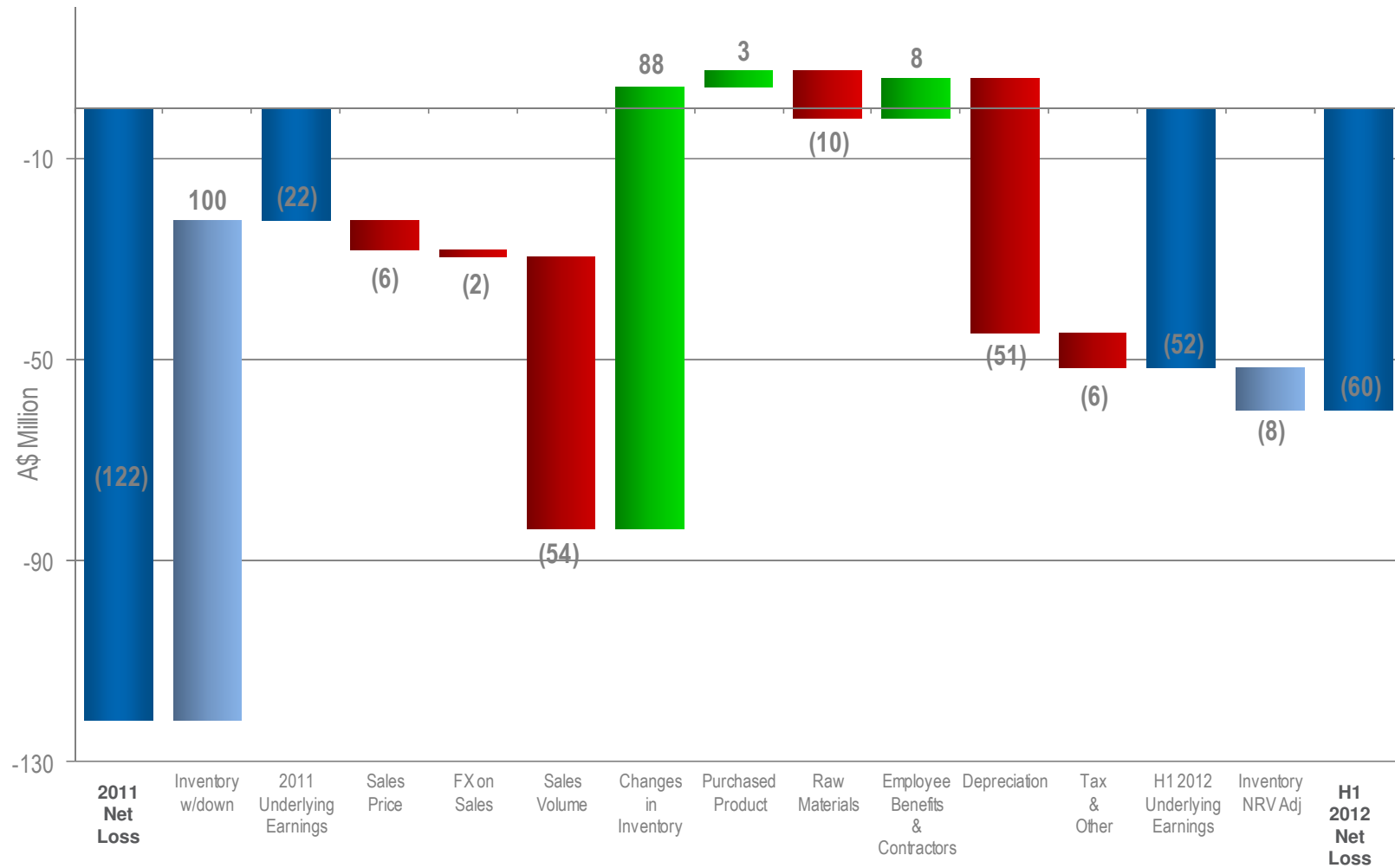
	H1 2012	H1 2011	Change
Net profit/(loss) after tax - \$ million	(59.9)	(121.7)	+ 51%
Revenue from sales of uranium oxide - \$ million	148.0	235.6	- 37%
Net cash flow - \$ million	(69.8)	(2.6)	- 2,585%
Underlying earnings - \$ million	(51.5)	(22.3)	- 131%
Capital expenditure - \$ million	51.8	30.0	+ 73%
Sales volume (tonnes uranium oxide)	1,229	1,825	- 33%
Average realised price – US\$/lb	57.57	60.82	- 5%
Dividends	0	0	0



# Average realised sales price (US\$/lb)



# 2012 half year earnings



Note: All values are shown after tax

# Key financial elements

- **Non-cash costs**

- In 2012, ERA's non-cash costs have increased due to –
  - Property, plant and equipment net value of \$741 million as at 31 December 2011 (including rehabilitation asset)
  - Allocation to Profit and Loss Statement based on reserves of 13,484 tonnes of uranium oxide as of 31 December 2011
  - Capital expenditure of approximately \$350 million from 2012 to 2014
  - Increase in the Interest Expenses (discount unwind) related to the 2011 increase in the rehabilitation provision

- **Inventory Net Realisable Value (NRV)**

- \$8 million after tax adjustment to finished goods inventory to record it at NRV
  - Major elements contributing to this adjustment are modest production, high non-cash costs, build up of inventory at the end of the period necessary to meet H2 sales
- Based on current forecasts, the unit cost of inventory is expected to drop below the anticipated sales price in the next period

- **Strong balance sheet with a cash balance of \$563 million and no debt as at 30 June 2012**

- **Major projects are on time and on budget**

- **On track to achieve the \$40 million savings targets for 2012, identified through the 2011 Business Review**

- **ERA continues to expect to produce between 3,200 to 3,700 tonnes of uranium oxide in 2012**

## Pit 3 as at 23 July 2012



**Average grade of in-situ ore reserves is 0.19% (6,530t U<sub>3</sub>O<sub>8</sub>) applying a cut-off grade of 0.08%**  
(Source: Ranger Ore Reserves and Mineral Resources Statement as at 31 December 2011)

# Stockpile mining

- H1 2012 production from stocks and pit
- 1,244 tonnes of  $U_3O_8$  produced in H1 2012 (average mill head grade of 0.11%  $U_3O_8$ )
- Average grade of all stockpiled ore reserves is 0.12%  $U_3O_8$
- Post completion of pit all  $U_3O_8$  production will come from stockpiles



# Ranger 3 Deeps exploration decline on schedule



*Ranger 3 Deeps exploration decline box cut 18 July 2012*

- **Project remains on time and on budget**
- **90% of box cut has been excavated to date**
- **Completion of box cut excavation scheduled for end of July 2012**
- **Construction of decline tunnel remains on plan to commence in November 2012**

Ranger 3 Deeps Indicative milestones to production	Date
Regulatory approval for exploration decline granted	September 2011
Commenced box cut excavation	1 May 2012
Decline tunnel construction commences	November 2012 <sup>1</sup>
Exploration drilling starts	Quarter 1 2013 <sup>1</sup>
Exploration and resource drilling completed	Mid 2014 <sup>1</sup>
Prefeasibility study complete	Mid 2014 <sup>1</sup>
Regulatory and ministerial approval	2015 <sup>1</sup>
Underground mine production	Late 2015 <sup>1</sup>

<sup>1</sup> Forecast dates

# Brine Concentrator on schedule and budget

- ERA Board approved project on 1 February 2012 with estimated expenditure of \$220 million
- The Brine Concentrator is being provided by HPD LLC, a subsidiary of Veolia Water Solutions and Technologies
- Strong relationship continues between HPD and ERA
- Construction occurring on schedule in the USA, Germany, China and Thailand
- Site works have commenced with bulk excavation and preparation for concrete footings
- All components continue to be expected to arrive in the Northern Territory by Q4 2012
- Nominal capacity to treat 1.83 billion litres of water per year
- The Brine Concentrator facility is planned to be commissioned and fully operational in the second half of 2013
- This is a critical project for the future of ERA



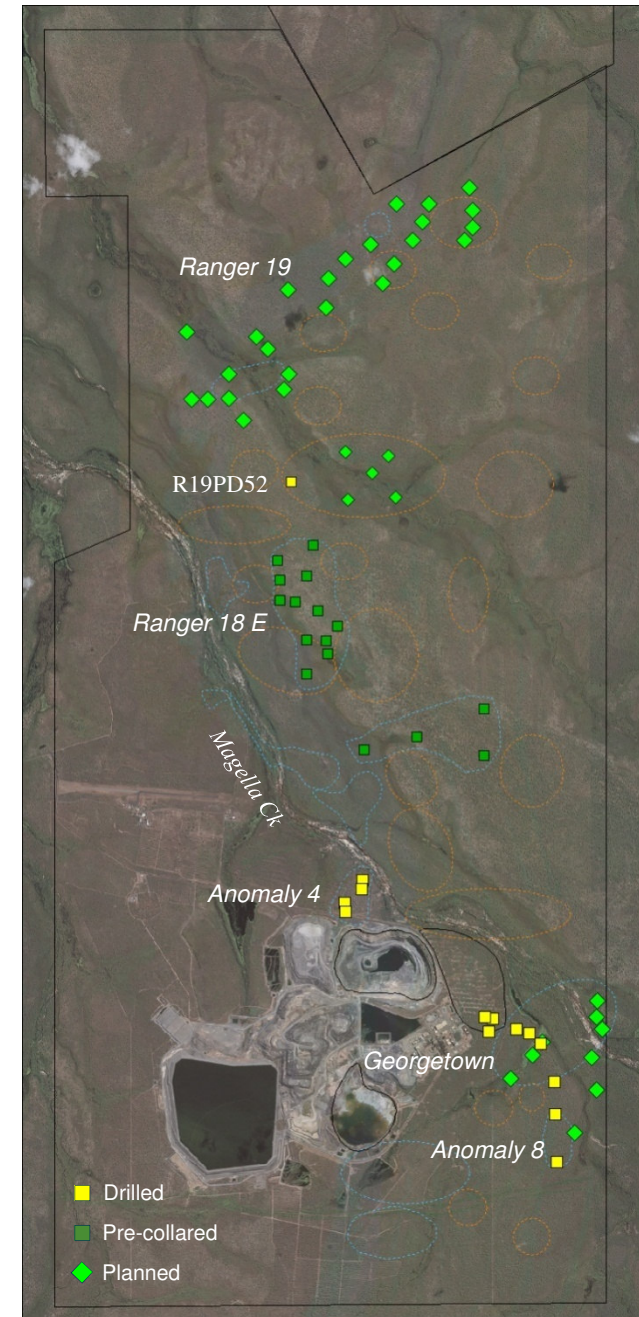
*CCHI – China Evaporator Vessel*



*Slot Nankai – Thailand Vapour Washer Vessel*

# Exploration update

- **Exploration drilling since April 2012**
  - 14 holes drilled totalling 7,300 metres
  - Drilling concentrated at Anomaly 4, Anomaly 8 and south east Ranger 3 Deeps
  - Drilling commenced in areas north of the Magela Creek in late June
- **Moving forward in 2012**
  - Drilling at Anomaly 8 and Georgetown to be finalised allowing drilling operations to move north to concentrate on Ranger 18 E and Ranger 19 areas (subject to regulatory approvals)





# Relationship with Traditional Owners

- **ERA recognises that the support of Traditional Owners is critically important to future projects and successful rehabilitation**
- **Gundjeihmi Aboriginal Corporation (GAC) and ERA are collaborating on matters of mutual interest:**
  - GAC was recently appointed to membership of the Ranger Minesite Technical Committee
  - GAC and ERA have jointly launched an independent surface water study for Ranger Project Area
  - Traditional Owners are represented on the Closure Criteria Committee Working Group and actively participating in rehabilitation planning, including decommissioning of the Jabiluka pond.
  - GAC and ERA are integral to the future of Jabiru and the region: engaging around town governance, housing, infrastructure and local business development.
  - Traditional Owners are investing royalty benefits into the future of Jabiru (residential college, small business, social and cultural programmes)
- **GAC, NLC and ERA finalising Mining Agreement:**
  - Entitles Mirarr to greater participation in the benefits from mining on their land
  - Establishes a Relationship Committee with ERA to promote information sharing and collaboration
- **Traditional Owners have expressed a willingness to consider future development on the Ranger Project Area**

# Long term market outlook encouraging

- **Near term market will be challenging**
  - Japan's slow recovery is expected to keep market quiet in the near term:
    - Two reactors operating at present time, however limited restarts may occur in near future
    - It appears unlikely that Japan will be able to replace nuclear power without very significant increases in cost and CO2 output
    - No utility inventory sales occurring and as a result the spot market is quiet
- **Longer term outlook still very encouraging for established producers**
  - China's new build and demand is still the main story, and will drive higher prices in the medium to long term
    - Resuming approvals for new plants with greater push toward Gen III Reactor designs
    - Post-Fukushima safety reviews are now complete, and first AP-1000 expected to enter operation by 2014 with a further 27 units under construction
  - Slower reactor growth elsewhere, but still continuing (USA, Korea, UAE, India, Russia)
  - High capital costs remain biggest challenge to new build
  - A supply-side reaction is beginning to occur and more expected if price remains at current levels in the short term
  - Known primary supply is just over half of expected demand by 2020
  - ERA is well positioned for a stronger market in the mid term if Ranger 3 Deeps mine is developed

# Summary

- Continued strong safety performance
- Net loss after tax of \$59.9 million for first half of 2012
- No interim dividend
- Pit 3 has been fully dewatered earlier than expected and mining of Pit 3 on target to be completed by the end of 2012
- Continued strong plant performance in 2012
- 2012 production of uranium oxide expected to be between 3,200 and 3,700 tonnes
- Ranger 3 Deeps exploration decline and the Brine Concentrator projects are on budget and on schedule
- Relationship with the GAC and Mirarr Traditional Owners continues to develop