

Energy Resources of Australia

Rio Tinto Financial community visit – 25 June 2010

Rob Atkinson - Chief Executive



Forward looking statements

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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 and objectives 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.

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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 presentation relating to exploration results is based on information compiled by Greg Rogers, who is a member of the Australasian Institute of Mining and Metallurgy. Greg Rogers is a full-time employee of the company and he 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'. Greg Rogers consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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.



ERA overview – geographic region



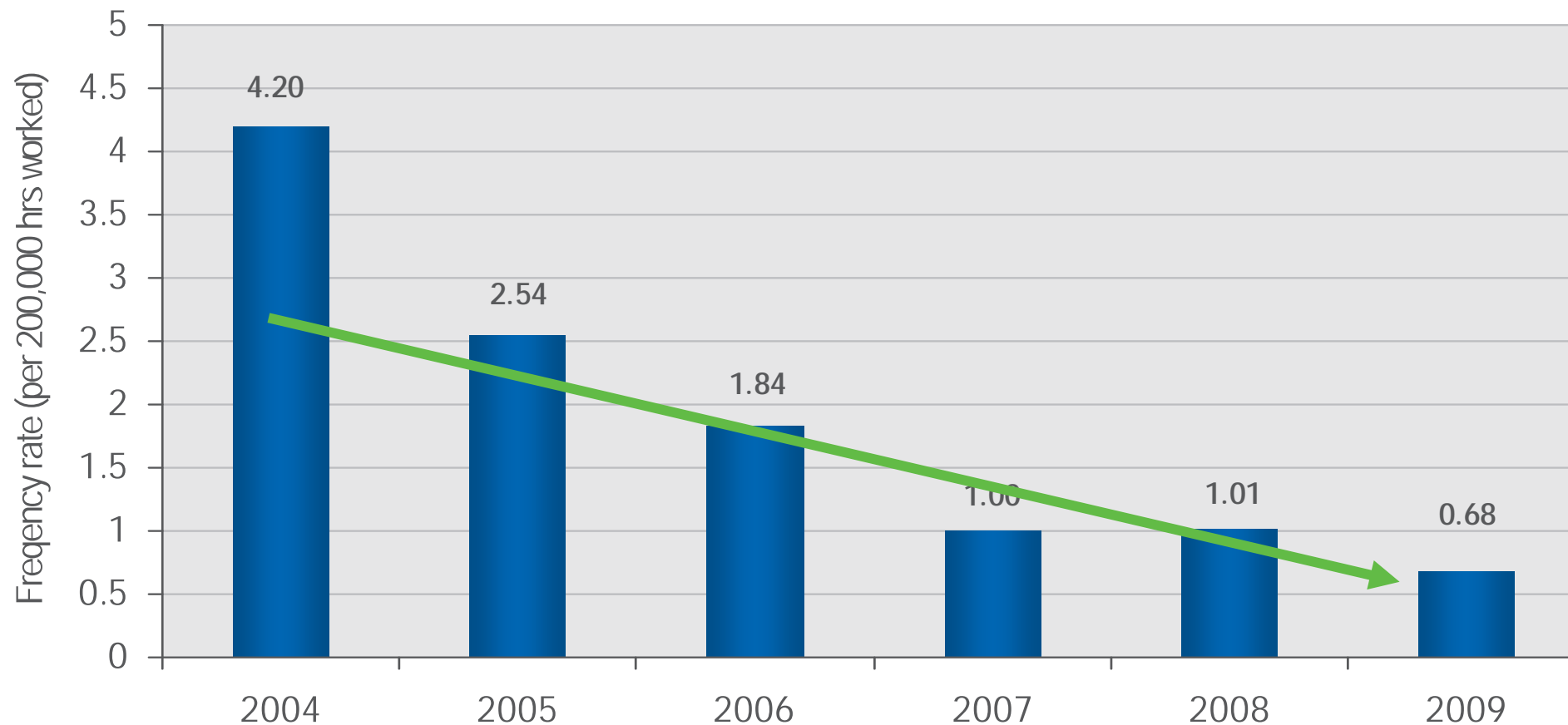
Presentation overview

- Sustainable development
- New resources tax
- The outlook for uranium
- ERA's current operations and 2009 performance
- ERA's growth opportunities
- Ranger operation



Safety

All Injury Frequency Rates



Sustainable development

- Nuclear power critical to reducing carbon emissions
- ERA provides the fuel for one per cent of world electricity
- Strong record of environment protection over 30 years
- ERA makes a vital social and economic contribution to the local region
 - Reached 20 per cent Indigenous employment in 2009
 - In 2008, ERA accounted for 2.8 per cent of the Northern Territory economy
 - Royalties are a significant form of income for Indigenous organisations in the region



Uranium – powering the world

ERA's uranium is used to produce electricity to power these and many other cities:

Los Angeles



Osaka



Yokohama



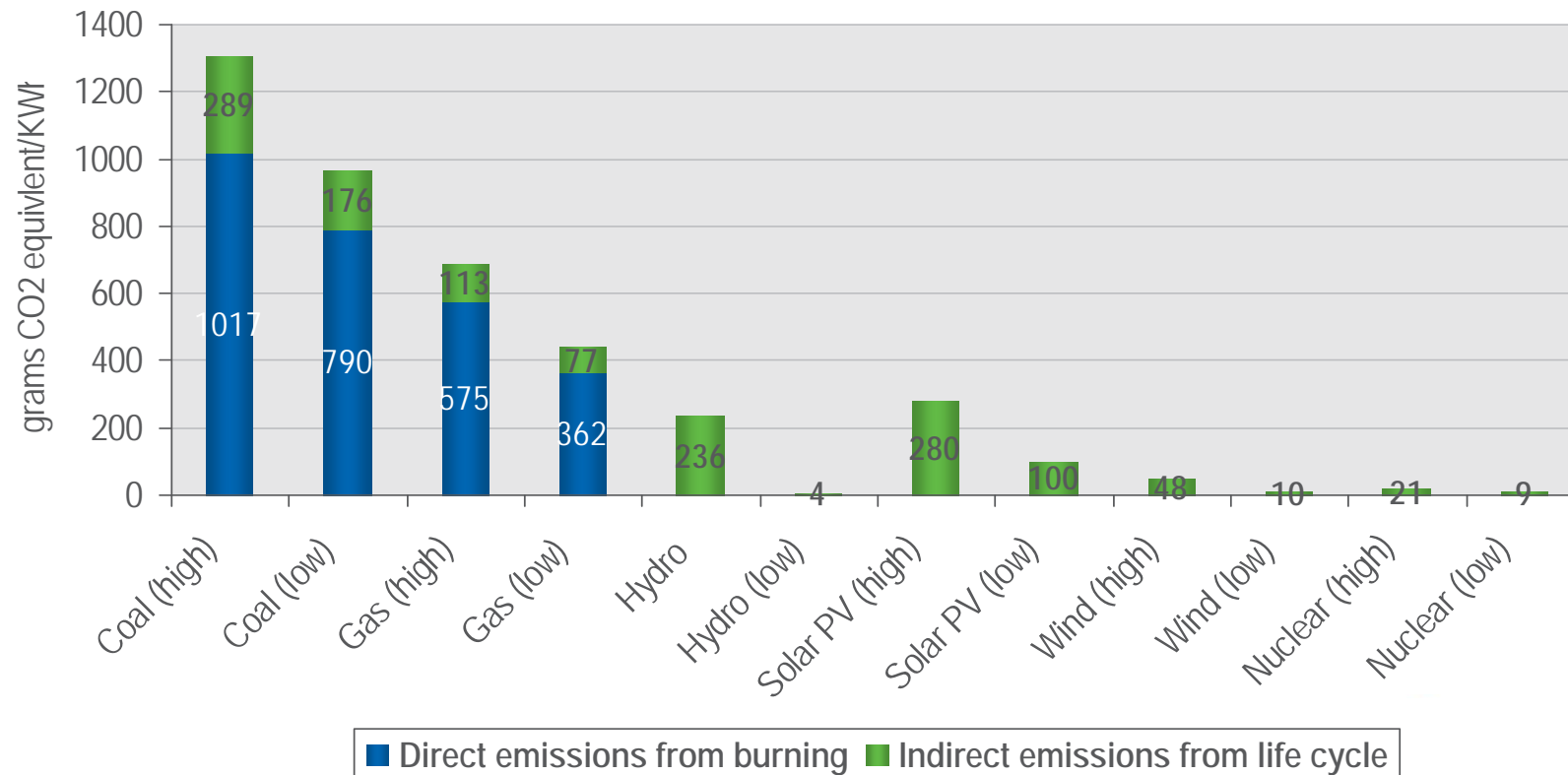
Miami



Nuclear and greenhouse gas

- Over one-third of human-induced greenhouse gases come from the burning of fossil fuel to generate electricity.
- Nuclear energy is among those energy sources producing very low levels of carbon dioxide emissions from their full life cycle. It is closely comparable with renewables such as wind, solar and hydro in this respect

Greenhouse gas emissions from electricity production



Source: <http://www.world-nuclear.org/info/inf59.html>

ERA economic impact to the Northern Territory

Direct and indirect contribution of A\$400 million per annum to the Northern Territory economy (based on 2008), this represented 2.8% of the total economy.

Since 2005, ERA has reinvested 60% of its net profits into projects at Ranger, contributing directly to the Northern Territory's economic development.

In 2009 ERA reached 20% Indigenous employment.

Other ERA contributions include:

- \$64 million to the original construction of Jabiru (more than 70 per cent of the cost)
- Power subsidies to the Jabiru township;
- Provision of Jabiru airport at Ranger
- Funding of local partnerships (including assistance with the employment of a community doctor & contributions to local education system)
- Local sponsorships, donations etc.
- Direct employment of 524 employees and approximately 200 contractors



New resources tax

- ERA has no issues with a reform of the Australian tax system, but it should be based on consultation with the Minerals industry and sound principles. It should:
 - Not adversely affect Australia's international competitiveness
 - Be prospective – not apply to existing operations
 - Be resourced based – not applied to secondary processing or infrastructure
 - Be simple and efficient to administer
- **Tax payments**
 - Since 2005, ERA paid a total of A \$333 million of taxes including corporate taxes and government royalties. It represents an effective tax rate of 37%.
- **Investment projects**
 - Final decisions regarding projects are on hold pending assessment of the impact of the proposed New Resources Tax
 - Likely to result in significant reduction of value of future projects

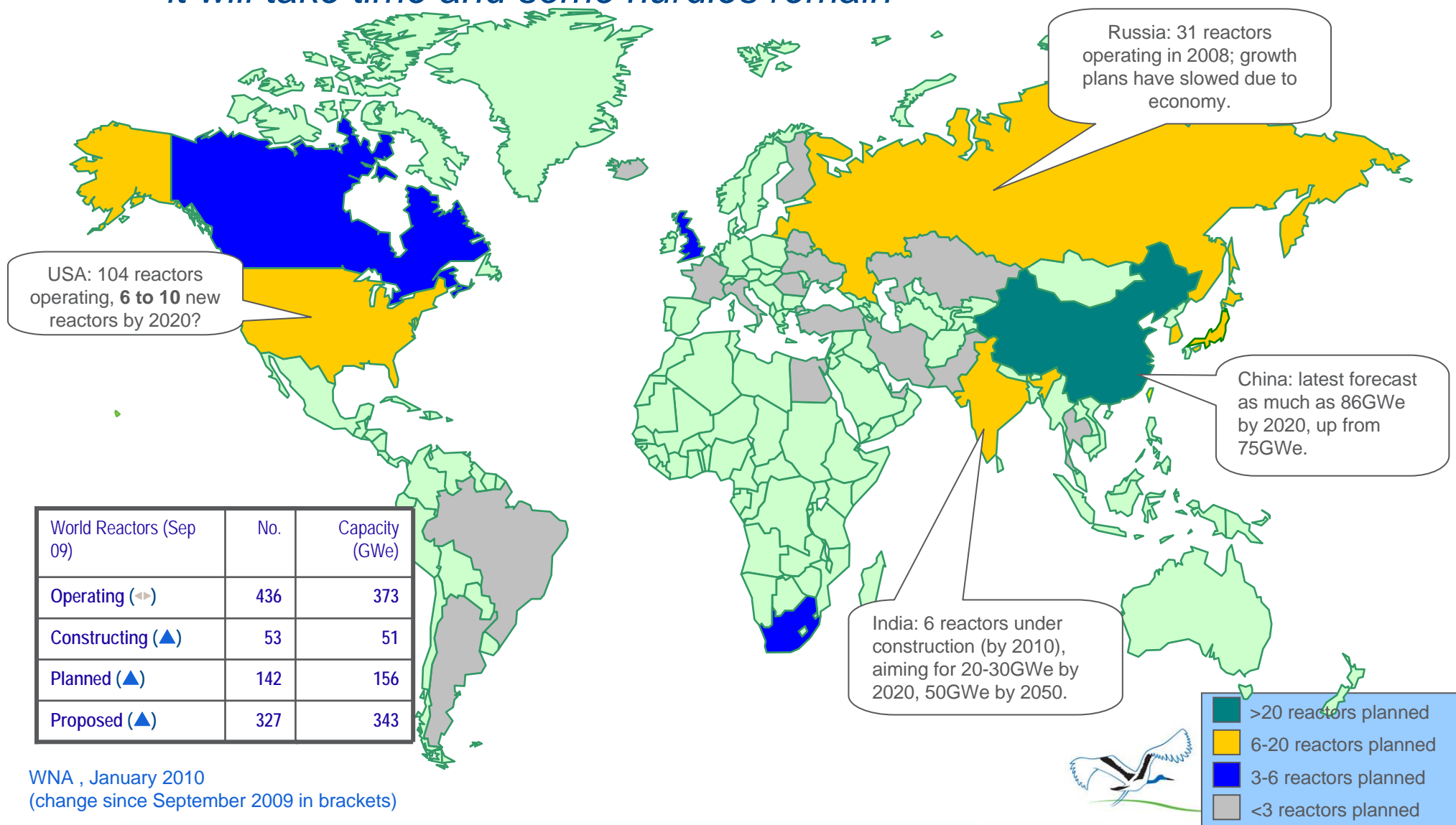


Prices have softened, but long-term outlook very positive



New-build outlook encouraging

it will take time and some hurdles remain



WNA , January 2010
(change since September 2009 in brackets)

ERA has a strong market position

- 30 years with a strong and successful brand
- Historically the second-largest uranium mine
- 5,000+ tpa to existing clients with long-term relationships:
 - Historically second largest supplier to US market
 - Contracts with most of the nuclear utility companies in Japan
 - Traditionally amongst largest suppliers to Korea and Taiwan
- First Australian supplier to China and well-positioned to gain from Rio Tinto's early success in the world's fastest-growing market
- Strong project pipeline means that ERA can remain at the forefront of the Australian industry for some time



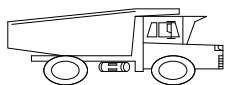
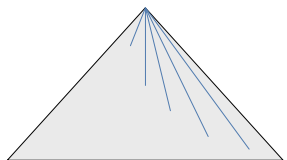
ERA financial overview

	2009	2008	Change
Net profit after tax - A\$ million	272.6	221.8	+ 23 %
Underlying earnings - A\$ million	272.6	119.0	+ 129 %
Income - A\$ million	780.6	691.8	+ 13 %
Revenue from sales of uranium oxide - A\$ million	767.8	495.6	+ 55 %
Net cash flow - A\$ million	146.8	89.0	+65 %
Capital expenditure - A\$ million	37.1	166.8	- 78 %
Sales volume (tonnes uranium oxide)	5,497	5,272	+ 4 %
Average realised price – US\$/lb	50.84	32.53	+ 56%
Total dividends for the year (cents per share)	39	28	+ 39 %

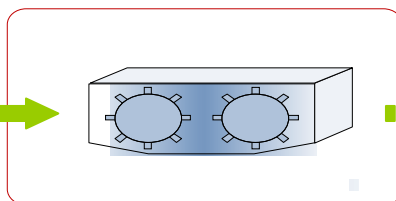


Heap leach facility flow chart

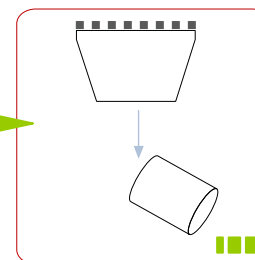
ORE STOCKPILE



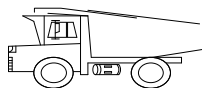
CRUSHING



BINDING



Waste material returned
to exhausted Pit

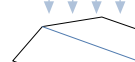


HEAP LEACHING

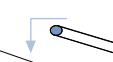
Reclaim



Irrigate

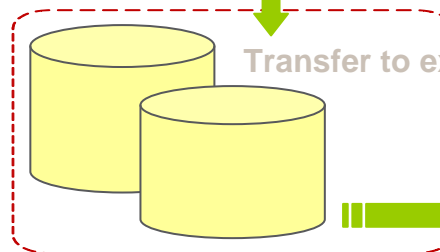


Stack



CONCENTRATION

Transfer to existing plant



URANIUM OXIDE
PRODUCTION



Heap leach facility project status

- ERA Board approval given for the next phase (feasibility study) in October 2009 (\$36 million)
- Feasibility study commenced 2 November 2009
- The Environmental Impact Statement (EIS) guidelines from the Northern Territory and Commonwealth Governments have been issued and work is well underway to complete the EIS
- Key dates:

Completion of the feasibility study	Q4 2010
Government Approvals	H1 2011
ERA Board approval	Pending FS and New resources tax
Project implementation	18-24 months
Project completion	To be determined

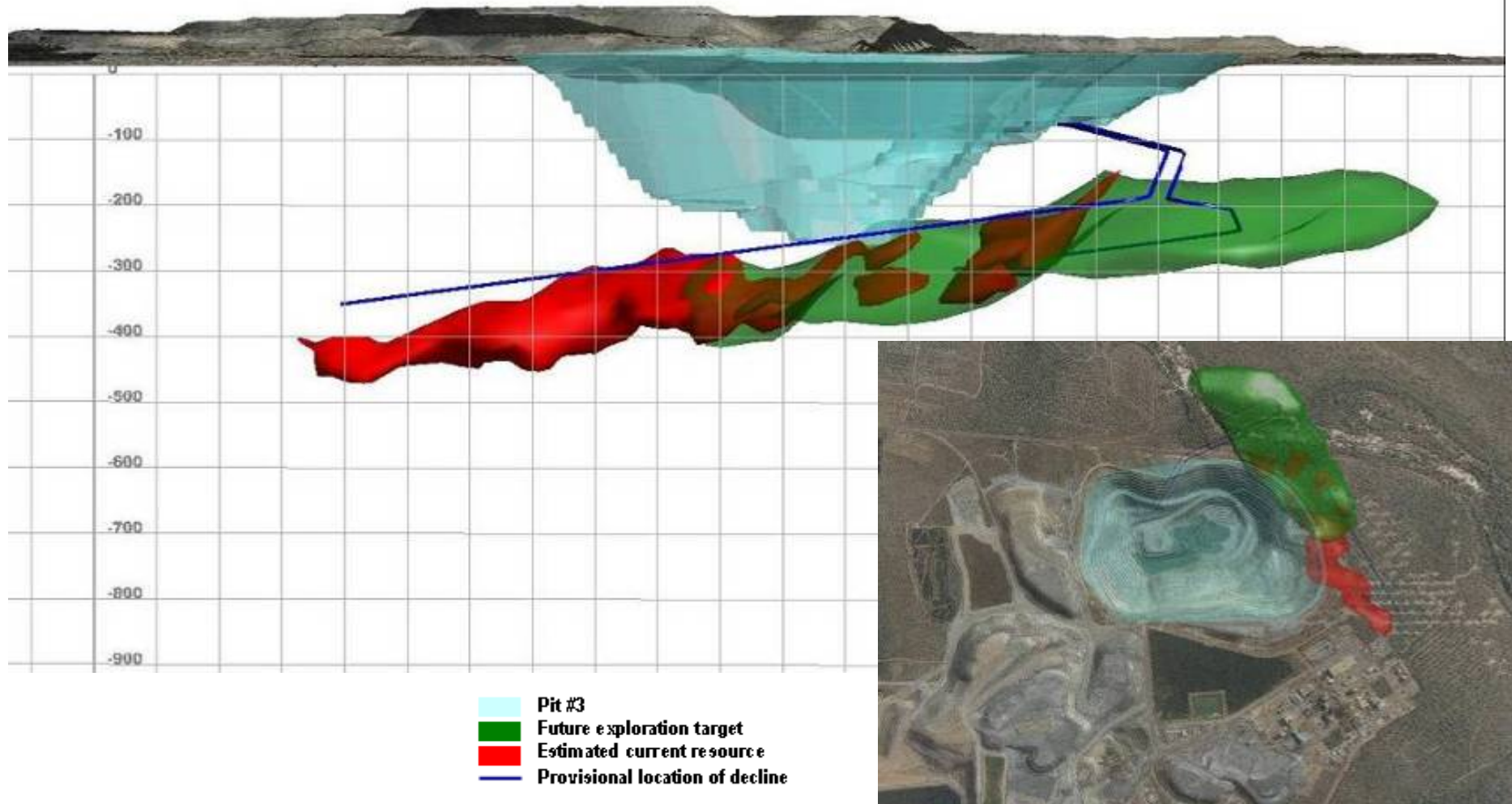


Heap leach facility – potential layout and location

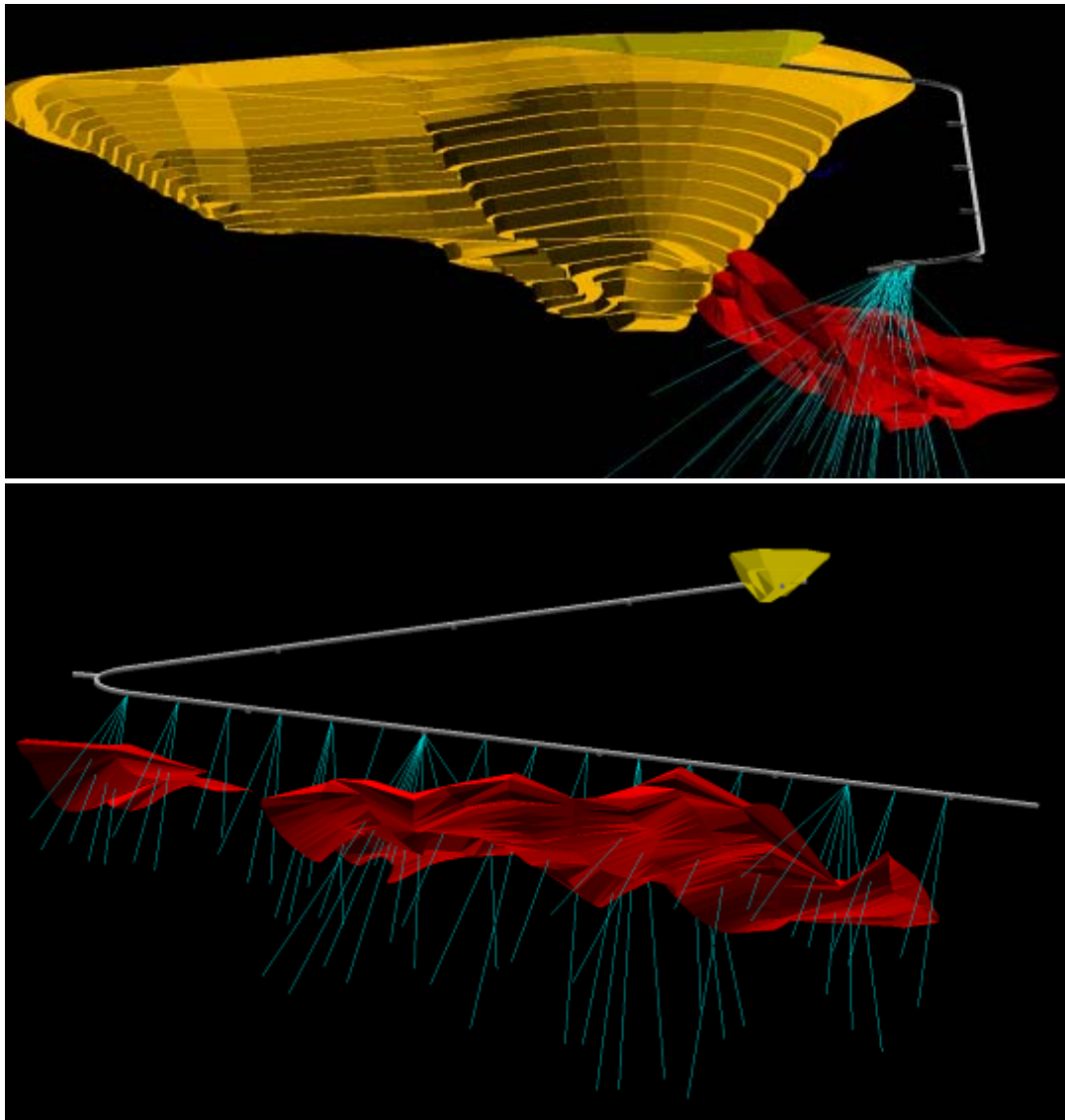


Ranger 3 Deeps

Perspective to west: One possible location of entrance to exploration decline (provisional layout and decline design concept)



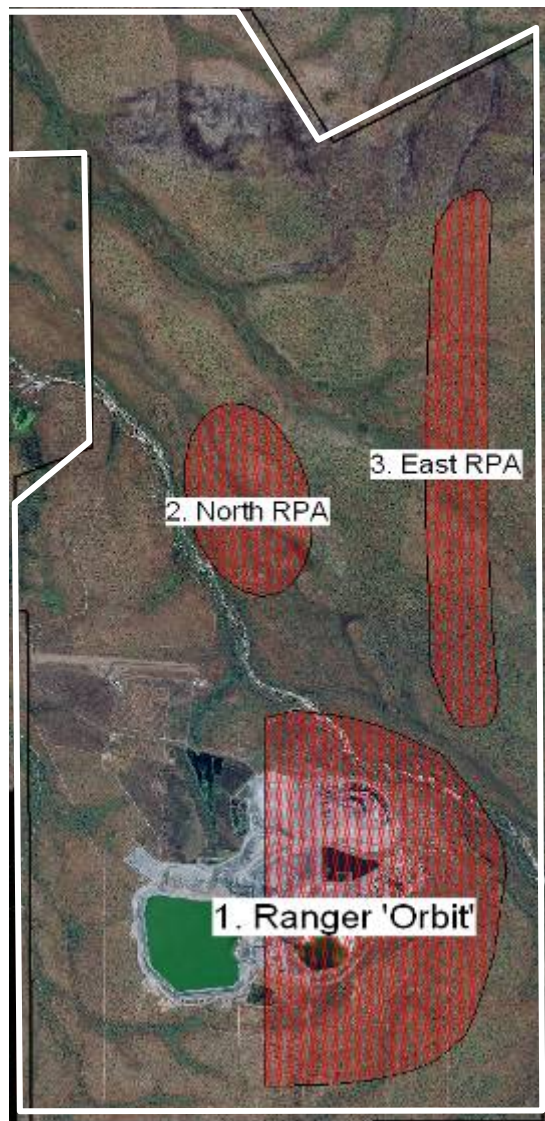
Ranger 3 Deeps



- Adjacent to current Ranger 3 open pit and existing infrastructure
- ERA's statement of reserves and resources at Ranger includes around 34,000 tonnes of contained uranium oxide associated with Ranger 3 Deeps
- Exploration decline designed with portal outside of the final pit wall, to avoid compromise of current operations
- Underground drilling will focus on improving knowledge of the mineral resource and exploring possible extensions at depth
- Final decisions regarding this project is dependant on the assessment of the impact of the proposed Resources Super Profit Tax



Exploration projects - priorities



1. Ranger Orbit
2. North Ranger Project Area
3. East Ranger Project Area



ERA overview – current operations



Trial landform

Exploration drilling
Ranger 3 Deeps

Current mining operations

Stockpiles

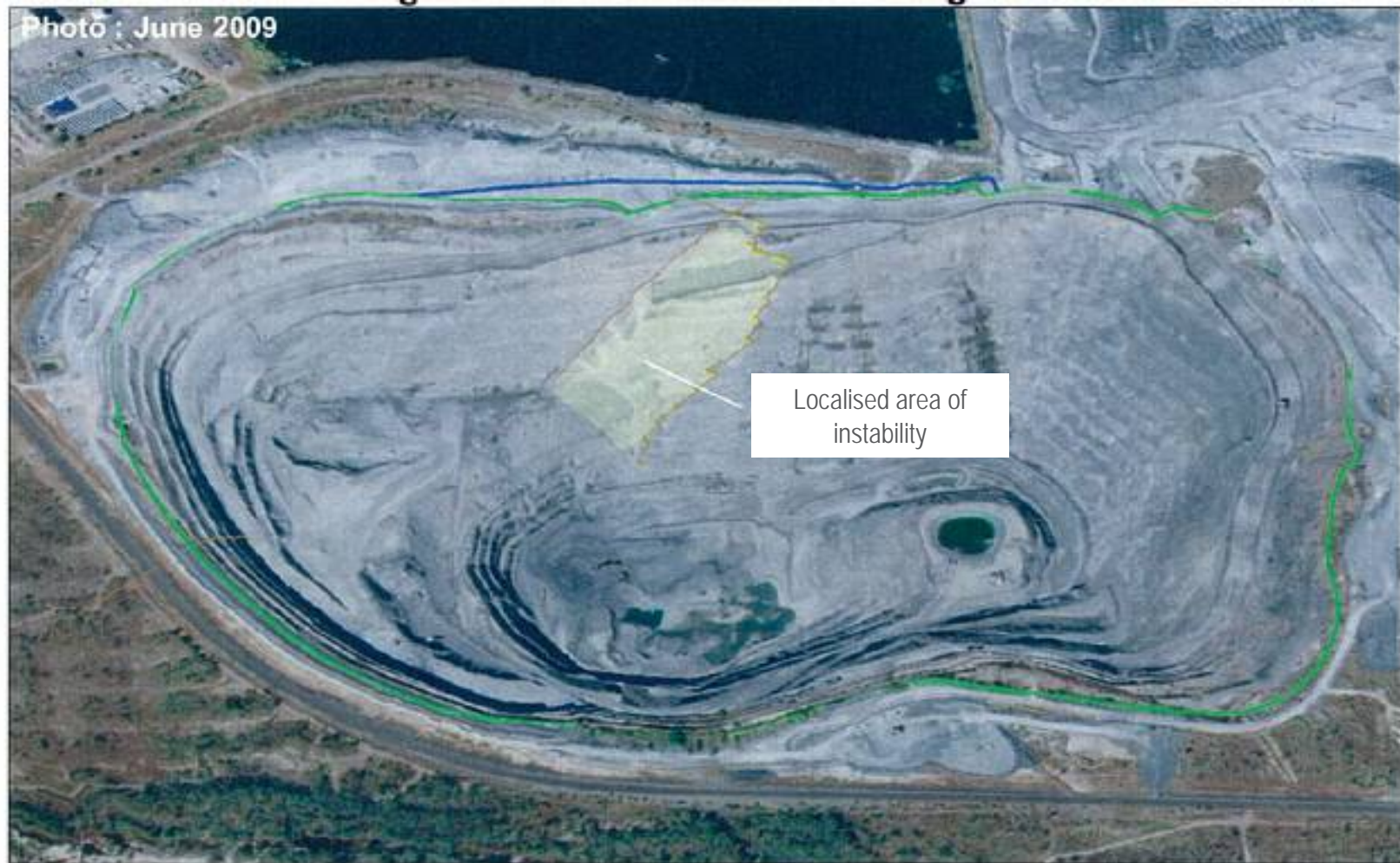
Water treatment plant

Pit 1 (mined out)

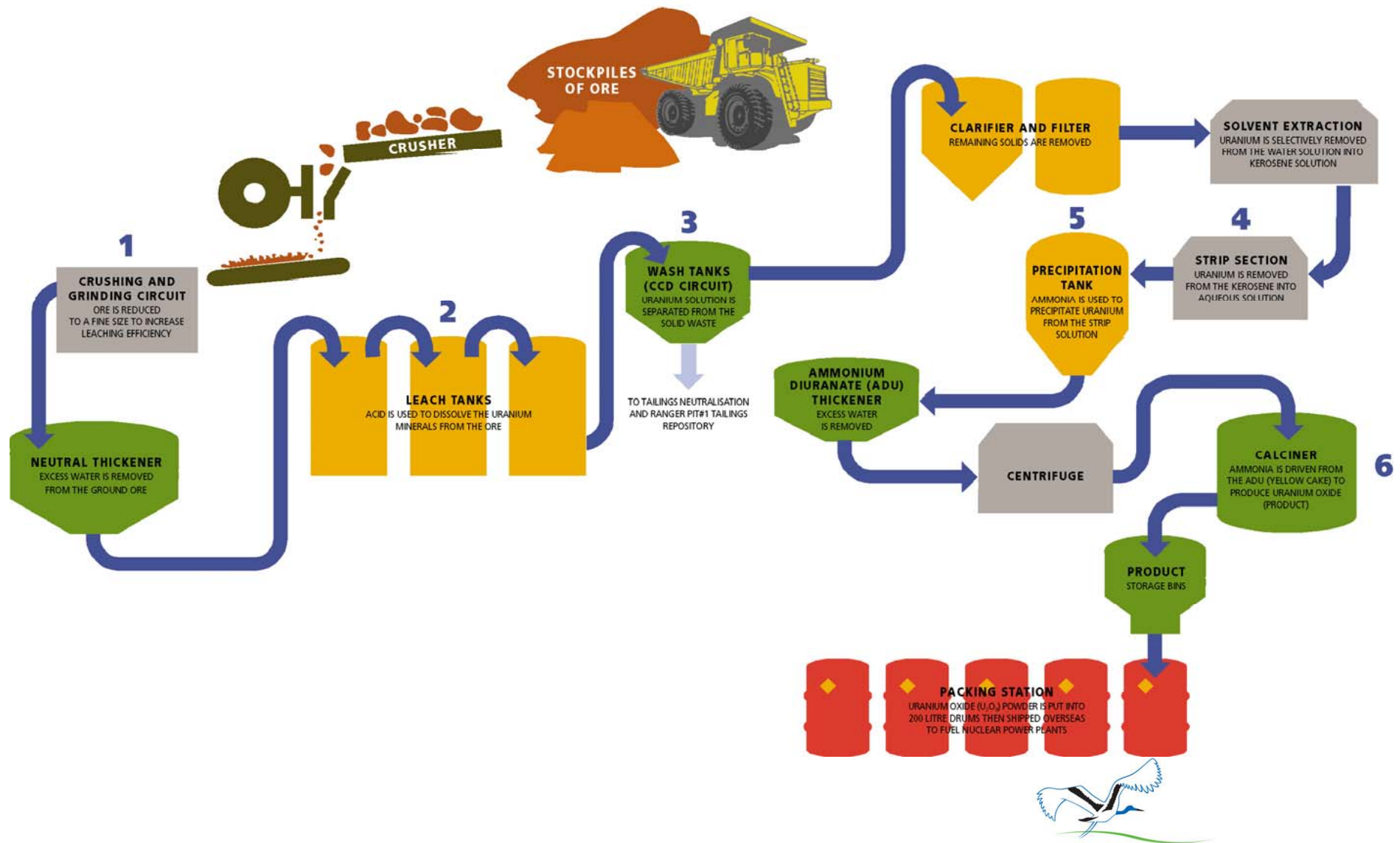
Tailings Dam



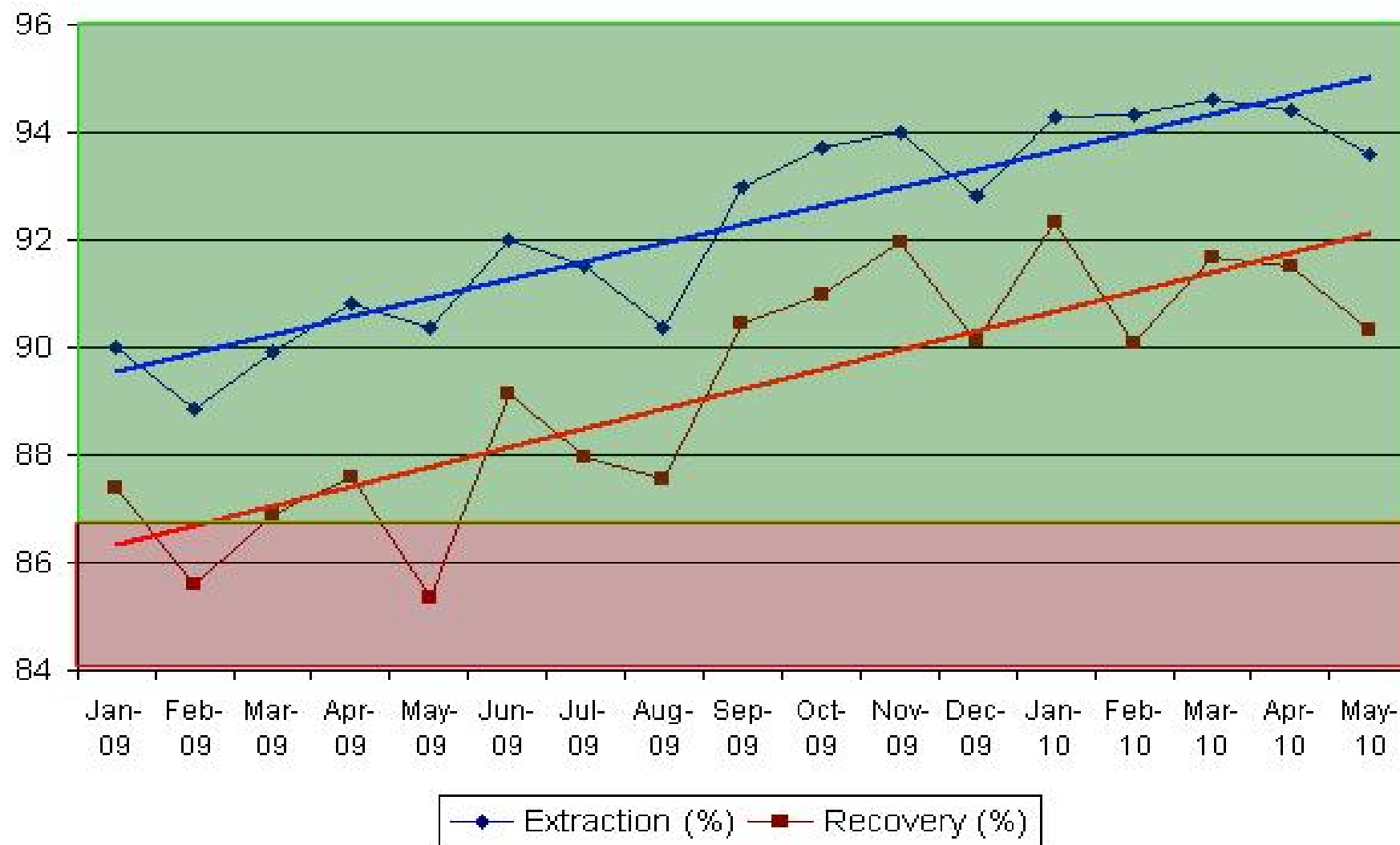
Mine – Pit 3



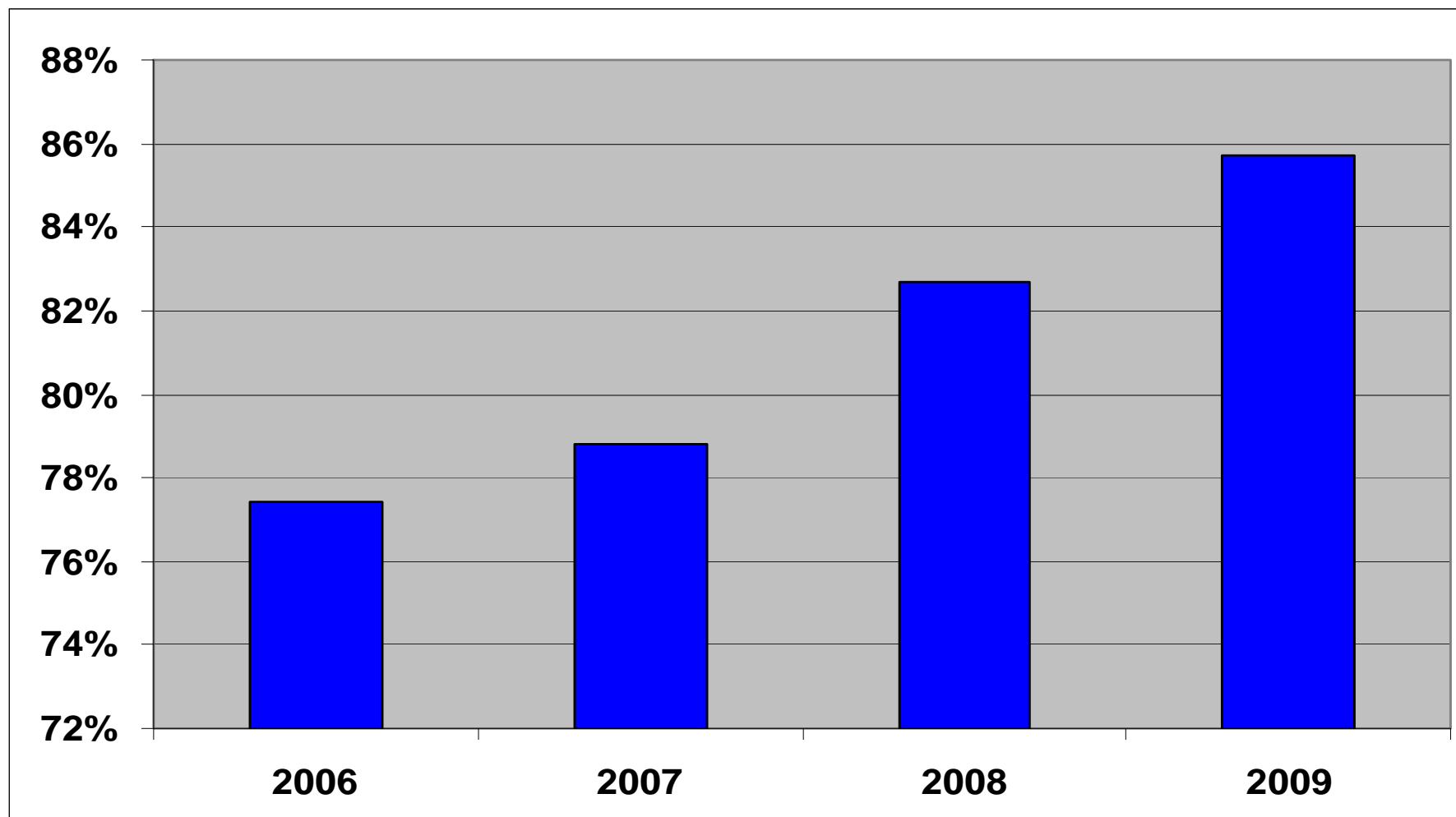
Ranger uranium extraction process



Plant operation – Extraction & recovery



Plant Operations - Utilisation



Summary ERA

- Uranium market remains robust
- ERA has reliably supplied uranium oxide for 30 years
- Lease areas contain world class ore bodies
- Open pit mine will be exhausted by end 2012
- Heap Leach project well advanced
- Other exciting development opportunities
 - Ranger 3 Deeps underground
 - Exploration potential
- Opportunities are adjacent to current infrastructure
- 2010 production expected to be broadly in line with previous years
- Strong, experienced leadership and employee base
- Sustainable development a key value



Agenda

- 8:20 Departure Darwin Airport Resort
- 8:30 Check-in, Vincent Aviation
- 9:00 Departure Darwin – Jabiru
- 10:15 Mine Pit 3 viewing platform
- 11:00 Tour operation & site
- 12:30 Admin. Building – Lunch & Q&A's
- 13:30 Departure to Jabiru airport
- 14:00 Departure Jabiru - Darwin
- 15:00 Darwin International Airport (Blue, Star Green)



Ranger tour



www.energyres.com.au

