Investment in Australian Resources and Energy
Indonesia – Australia Business Relationship
Investment in Australian Resources and Energy

TWO-WAY TRADE AND INVESTMENT

A$15.6 billion
total two way trade in 2014

A$5.6 billion
total exports to Indonesia in 2014

A$8.1 billion
Australia’s stock of investment in Indonesia at the end of 2014

A$1.5 billion
Indonesia’s stock of Investment in Australia at the end of 2014
WHY AUSTRALIA

- **4th largest** economy in Asian region and **12th largest** in the world
- **25th year** of consecutive annual economic growth
- GDP of more than **US$1.5 trillion** (two per cent of global GDP)
- **AAA rating** by all three credit rating agencies
- A **strategic base** from which to export commodities, services and technologies to **high-growth Asian markets**.
Australia’s vast mineral and petroleum reserves underpin its status as **a global leader in resources and energy**. There are significant exploration opportunities, a healthy pipeline of committed projects and growing demand for renewables and energy efficient technologies.

Investors can collaborate with and enter the global supply chains of the **world’s largest mining, oil and gas companies**, and participate in world-class research and development.
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SECTOR AT A GLANCE

Largest single export earner; mining and services represented **10.4 per cent** of GDP

Generated **A$194.6 billion** in export income in 2013–14, **58.6 per cent** of total export income

Export earnings projected to be **A$240 billion** in 2019–20

Employed **269,000** people or 2.3 per cent of the national workforce

Invested **A$6.6 billion** in minerals and petroleum exploration
COMMITTED MAJOR PROJECTS

Source: DoIS, Resources and Energy Major Projects, October 2015
## AUSTRALIA’S COMMODITY WORLD RANKINGS

<table>
<thead>
<tr>
<th>COMMODITY</th>
<th>RESOURCES</th>
<th>WORLD RANKING</th>
<th>PRODUCTION</th>
<th>WORLD RANKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRON ORE</td>
<td>52,578 Mt</td>
<td>1</td>
<td>609 Mt</td>
<td>2</td>
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<tr>
<td>URANIUM</td>
<td>1,167 kt</td>
<td>1</td>
<td>6.432 kt</td>
<td>unknown</td>
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<tr>
<td>COAL (BLACK)</td>
<td>62,095 Mt</td>
<td>5</td>
<td>538 Mt</td>
<td>5</td>
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<tr>
<td>GOLD</td>
<td>9,808 t</td>
<td>1</td>
<td>265 t</td>
<td>2</td>
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<tr>
<td>ZINC</td>
<td>62.3 Mt</td>
<td>1</td>
<td>1.52 Mt</td>
<td>2</td>
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<tr>
<td>NICKEL</td>
<td>19.0 Mt</td>
<td>1</td>
<td>0.234 Mt</td>
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<td>COPPER</td>
<td>93.1 Mt</td>
<td>2</td>
<td>1.0 Mt</td>
<td>5</td>
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<tr>
<td>BAUXITE</td>
<td>6,281 Mt</td>
<td>2</td>
<td>81.1 Mt</td>
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</tr>
</tbody>
</table>
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LARGE PIPELINE OF COMMITTED PROJECTS

A$200bn
ENERGY
(13 projects)

A$19.3bn
MINERAL, MINING AND PROCESSING
(16 projects)

A$5.5bn
INFRASTRUCTURE
(7 projects)
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GROWING DEMAND FOR RENEWABLES

Australian Government is aiming to reduce greenhouse gas emissions by 5% below 2000 levels by 2020.

Establishment of a **A$2.5bn Emissions Reduction Fund** to purchase emission reductions from successful bidders at the lowest cost.

**Regulatory mechanisms** to encourage energy efficiency among public and private organisations.

Opportunities to invest in and provide off-grid solutions, including to **energy-intensive industries** such as mining.
GROWING DEMAND FOR RENEWABLES

Renewable energy target

- Existing generation
- Additional requirement to meet RET

Renewable TWh

Source: AGL
DIVERSE RENEWABLE ENERGY RESOURCES

Wind
potential for large-scale grid-connected wind farms

Solar
potential for small- and large-scale grid-connected systems and off-grid remote locations

Geothermal
opportunities for demo projects offering ‘first-mover’ advantages

Ocean
substantial resources available for development as technology approaches commercialisation

Bioenergy
second-generation technologies will open up new feedstock for biofuels and electricity generation.
Thank you.

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