



AUSTPAC RESOURCES N.L.  
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13 November 2014

The Manager  
Company Announcements  
Australian Stock Exchange Limited  
Exchange Centre  
Level 6  
20 Bridge Street  
SYDNEY NSW 2000

Dear Sir/Madam

**RE: AUSTPAC RESOURCES N.L.**  
**ANNUAL GENERAL MEETING TO BE HELD ON 13 NOVEMBER 2014**  
**MANAGING DIRECTORS PRESENTATION**

We are pleased to provide the presentation of the Managing Director to the Annual General Meeting of Austpac Resources N.L. to be held on 13 November 2014.

Yours faithfully

N.J. Gaston  
Company Secretary

enc



**Annual General Meeting**  
**13 November 2014**

**Presentation by**  
**M.J. Turbott**  
**Managing Director**

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# Newcastle Iron Recovery Plant (NIRP)

- The NIRP will use Austpac's unique acid regeneration & iron reduction processes to commercially recycle iron oxide waste (mill scale & furnace dusts) and spent pickle liquor
- The NIRP project commenced in mid-2011 and has proceeded in stages:
  - 2011-2012 - Kronos funding (\$12.5 million; shares & licence)
  - 2013 - Austpac funded (\$7.5 million; sale of EL 4521 Victoria)
  - 2014 - Austpac funded (\$2.5 million; shares)
- Project construction is 86% complete
- At full production the Plant will produce
  - ~18,000 tpa saleable iron (iron chips or briquettes)
  - ~18,000 tpa strong (25%w/w) hydrochloric acid



# Newcastle Iron Recovery Plant (NIRP)



**Austpac's Plant**



# Newcastle Iron Recovery Plant (NIRP)



# Newcastle Iron Recovery Plant (NIRP)

## PROJECT EXPENDITURE

<b>Capital Expenditure (to June 2013)</b>	<b>\$15.5 million</b>
<b>Capital Expenditure (July 2013 to June 2014)</b>	<b><u>\$ 2.5 million</u></b>
<b>Total to June 2014</b>	<b>\$18.0 million</b>
<b>Capital required to complete construction &amp; installation of equipment</b>	<b><u>\$ 3.8 million</u></b>
<b>Total Capital for NIRP</b>	<b>\$21.8 million</b>
<b>Commissioning</b>	<b><u>\$ 3.0 million</u></b>
<b>Total project to commence operations</b>	<b>\$24.8 million</b>

# Newcastle Iron Recovery Plant (NIRP)

## Corporate developments during 2014

- **Austpac agreed to undertake a bulk trial of furnace dusts from BlueScope Steel's Port Kembla steel mill as part of commissioning; BlueScope has an option to licence the technology for use in their plants (NSW, Vic, NZ)**
- **Negotiations for funding to complete the NIRP now well-advanced with a major international company involved in the steel industry**
  - **Includes construction and commissioning costs**
  - **Includes an alliance to maximise NIRP profitability**
  - **Aims to identify opportunities for Austpac's technologies around the world**
- **Cost containment program (including salaries and overheads) implemented in October 2014**



# Newcastle Iron Recovery Plant (NIRP)


## ➤ Project timing

- Assemble experienced project management team
- Complete construction - 6 months
- Commissioning - 3 months

Includes 1,000 tonne trial of BlueScope's furnace dusts

- NIRP will commence production in 2015
- Operations at NIRP will demonstrate the commercial viability of Austpac's technologies to the world steel industry

# Potential for Austpac's technologies

- 
- **China**
  - **Japan, Korea**
  - **Europe**
  - **India**
  - **Australia, NZ**
  - **WORLD-WIDE LICENCING OPPORTUNITIES FOR AUSTPAC'S RECYCLING TECHNOLOGIES**

**Steel  
Plants**

# Future Opportunities – Steel Waste

- In 2013 North America produced ~120MT crude steel
- Total World in 2013 ~1,600MT crude steel (China ~820MT)
- All steel furnaces produce dusts; in North America over 4MT of dust requires treatment each year
- Governments penalise dumping; pressure to recover metals from dust with benign technology (e.g. Austpac)
- Austpac's objectives:
  - Obtain significant cash flows from technology licences and production royalties from steel mills around the world
  - Develop cooperative ventures for build-own-operate steel waste recycling plants; Austpac provides technology, joint venture partner provides capital

# **AUSTPAC'S FOCUS FOR 2015**



**COMPLETION OF CONSTRUCTION,  
EQUIPMENT INSTALLATION,  
COMMISSIONING AND  
COMMENCEMENT OF COMMERCIAL OPERATIONS  
AT THE  
NEWCASTLE IRON RECOVERY PLANT**



The logo for AUSTPAC features a stylized 'A' on the left, composed of a black triangle pointing right and a red triangle pointing left, meeting at a central point. To the right of the 'A', the word 'AUSTPAC' is written in large, bold, black, three-dimensional block letters. The letter 'P' has a red square on its upper right side. The entire logo is set against a dark, textured background.

# AUSTPAC

The background of the slide is a photograph of a steel mill. In the center, a bright stream of molten iron is being poured from a ladle into a container, creating a large splash of sparks and light. The surrounding environment is filled with industrial machinery, pipes, and structural beams, all illuminated by the intense orange and red glow of the molten metal.

# RECOVERING IRON

[www.austpacresources.com](http://www.austpacresources.com)