



AUSTPAC RESOURCES N.L.
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14 November 2013

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 14 NOVEMBER 2013
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 14 November 2013.

Yours faithfully

N.J. Gaston
Company Secretary

enc



Annual General Meeting
14 November 2013

Presentation by
M.J. Turbott
Managing Director

Disclaimer



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2013 Overview

- **Austpac's immediate focus is commercialising our steel waste recycling process through the "Newcastle Iron Recovery Plant"**
- **Plant construction is nearing completion, commissioning has commenced; and full scale operations will start in 2014**
- **Steelmakers show strong interest in licensing the technology**
- **Austpac's technologies:**
 - **Recycle steel industry waste (iron oxide and spent acid) to produce**
High purity iron for foundry castings and steel making
Strong hydrochloric acid (HCl) for the steel industry
 - **Produce ultra-high grade synrutile from ilmenite (the ERMS SR process)**

The Year in Review

- **December 2012 – Sale of EL 4521 Victoria (WIM 150) concluded and \$7.5 million banked**
- **Q1 2013 – Project team reassembled and construction of Newcastle Iron Recovery Plant continues through Q2 and Q3 2013**
- **April 2013 – Kronos cancels Project Agreement and lodges claim to recover costs; Austpac's lodges vigorous defence**
- **September 2013 – Austpac and Kronos agree to terminate litigation; Kronos retains shareholding and technology licence**
- **September 2013 – Deliveries of mill scale to Plant commence**
- **October 2013 – Commissioning of mill scale preparation section commences**

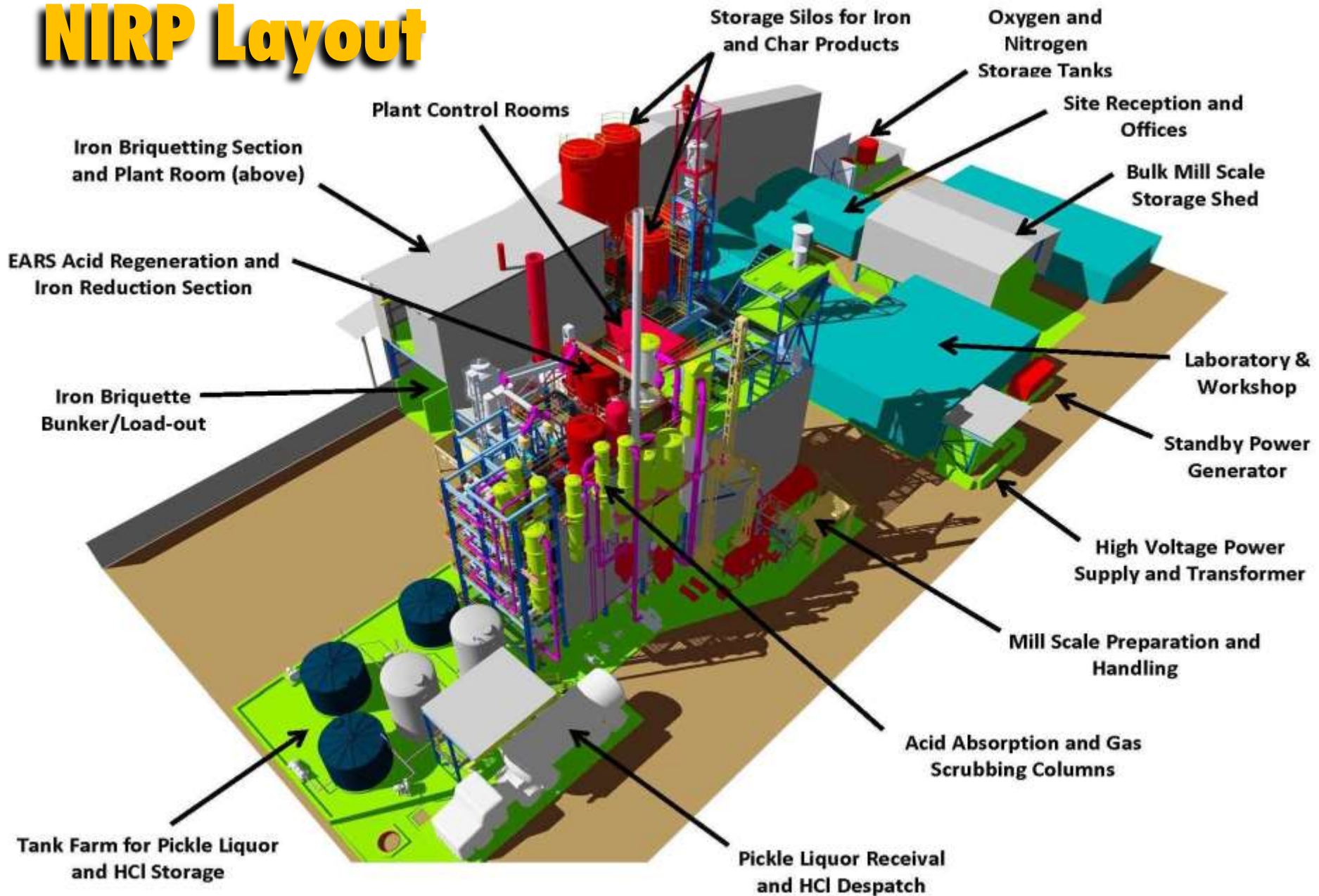
Newcastle Iron Recovery Plant "NIRP"



Newcastle
Sydney

Austpac's Plant

NIRP Layout



NIRP – View from the Southwest



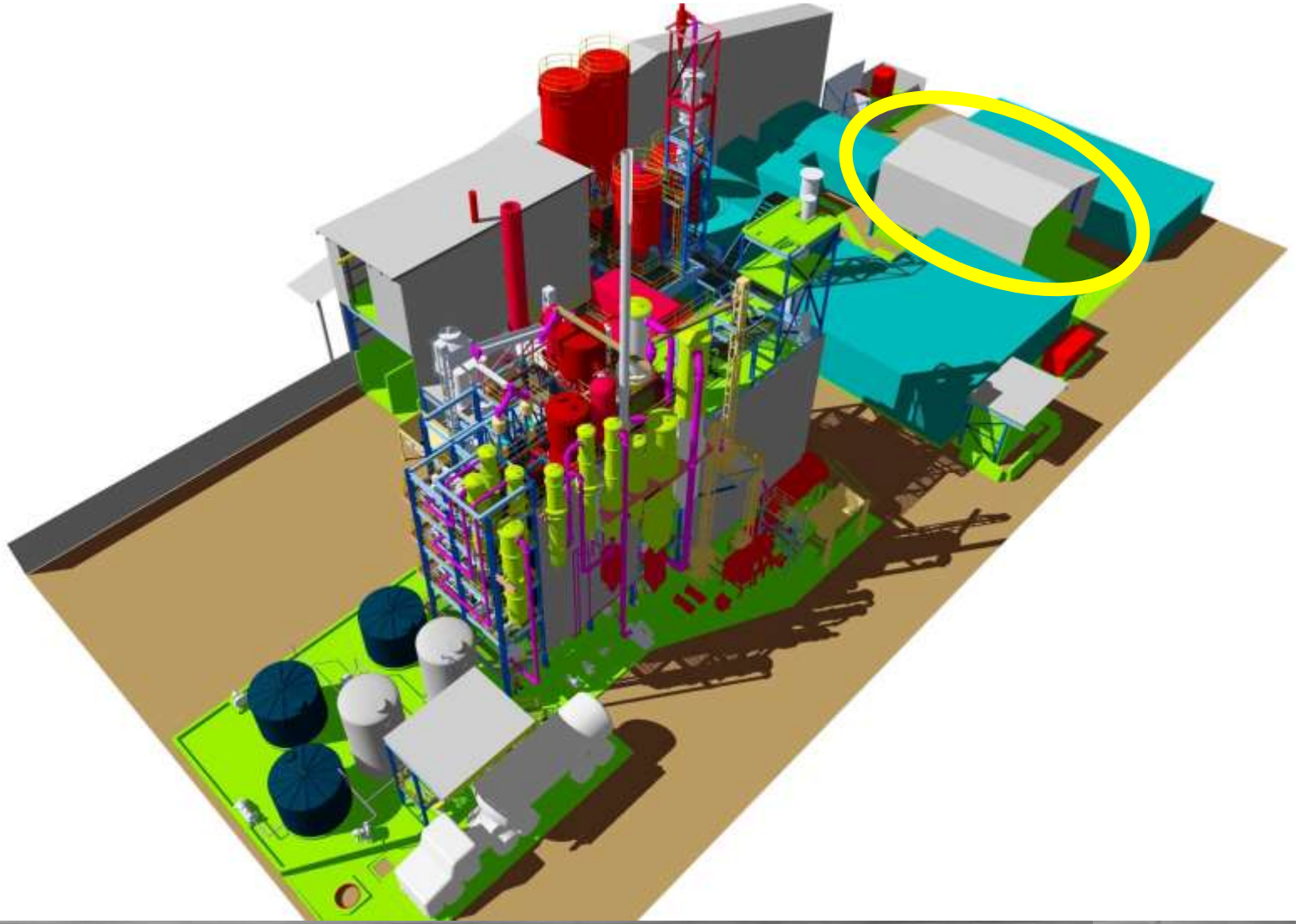
NIRP – View from the Northeast



NIRP – View from the Northwest



NIRP – Mill Scale Storage



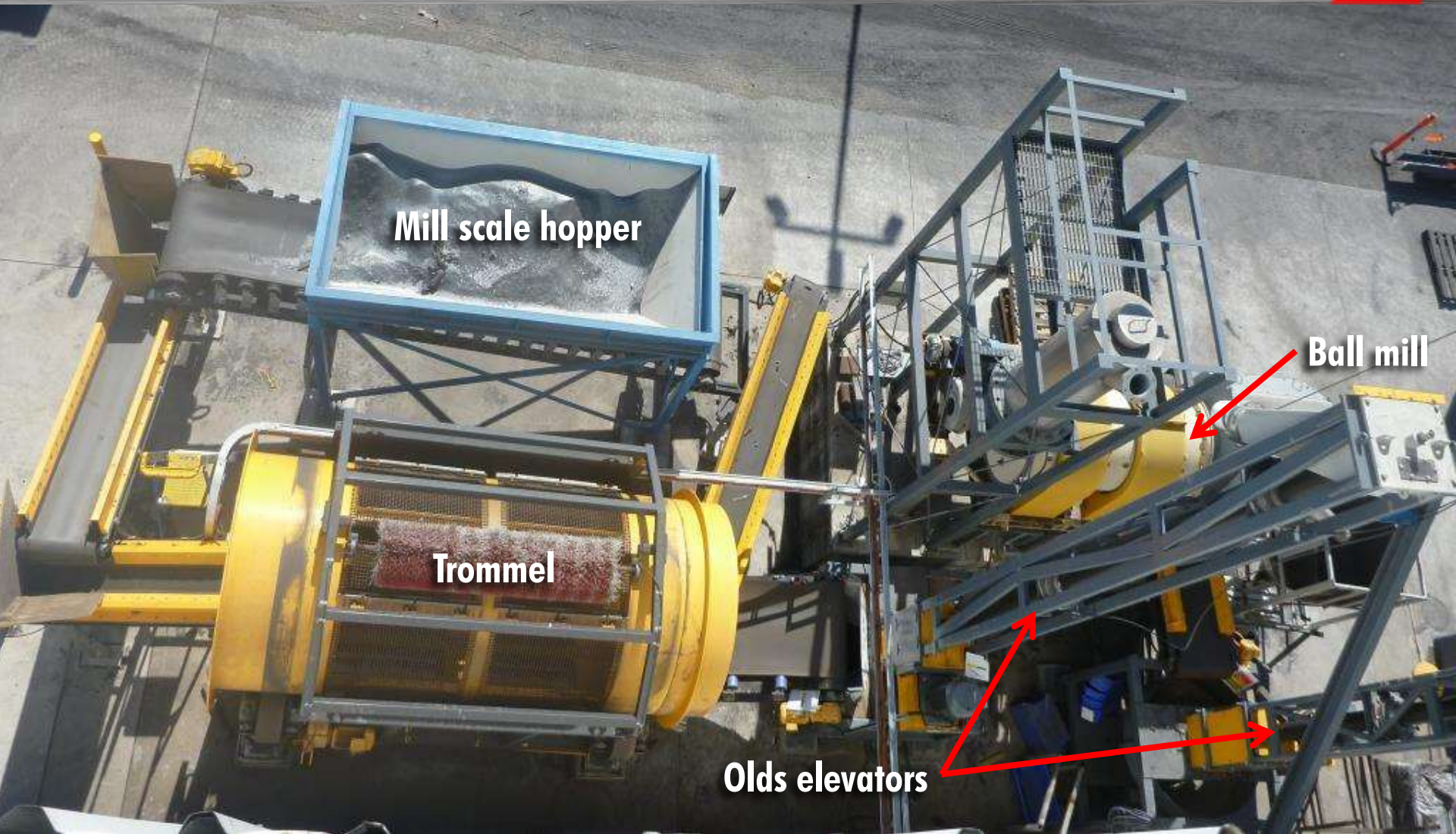
Mill Scale Delivery & Storage



NIRP – Mill Scale Preparation



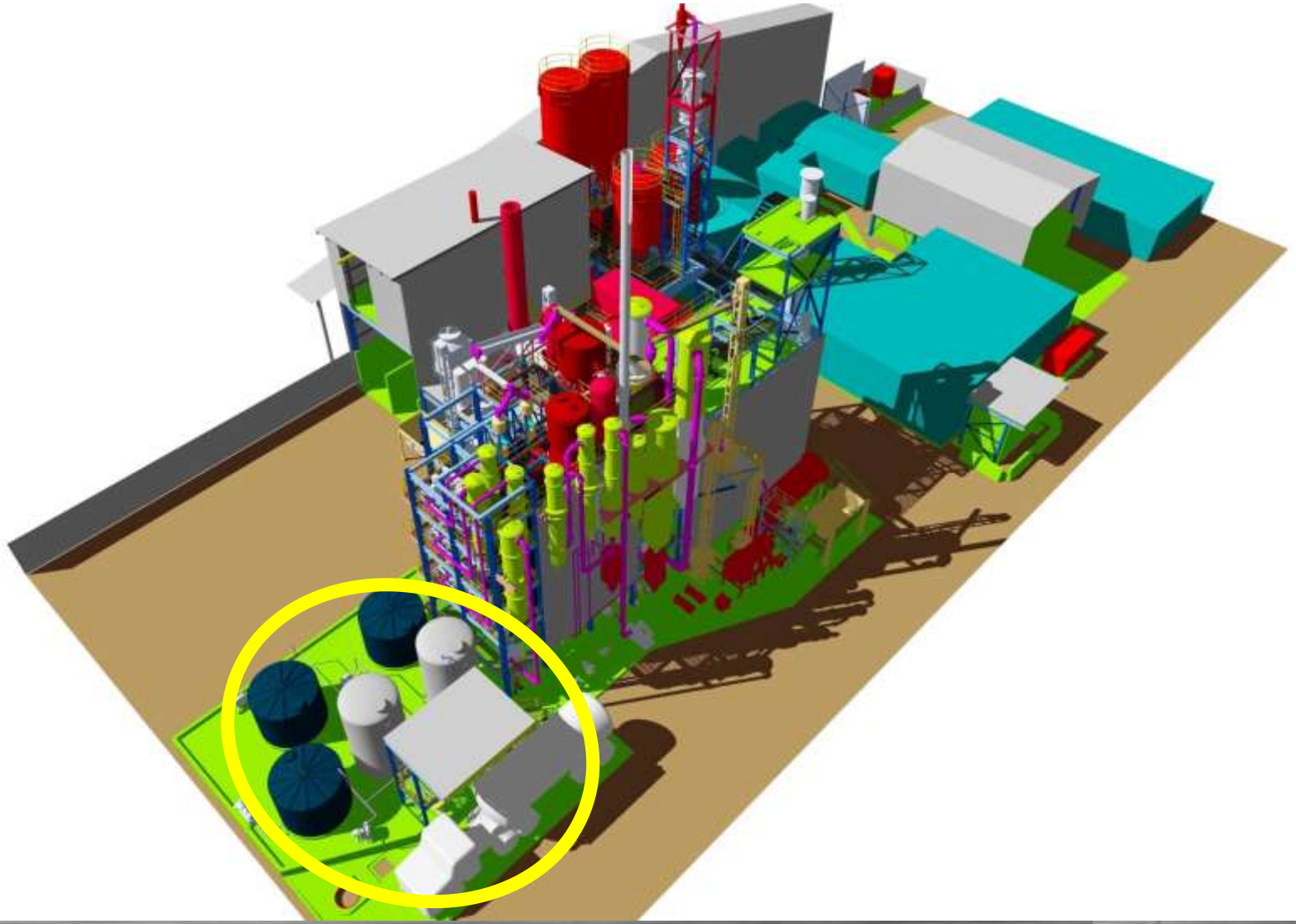
Mill Scale Preparation



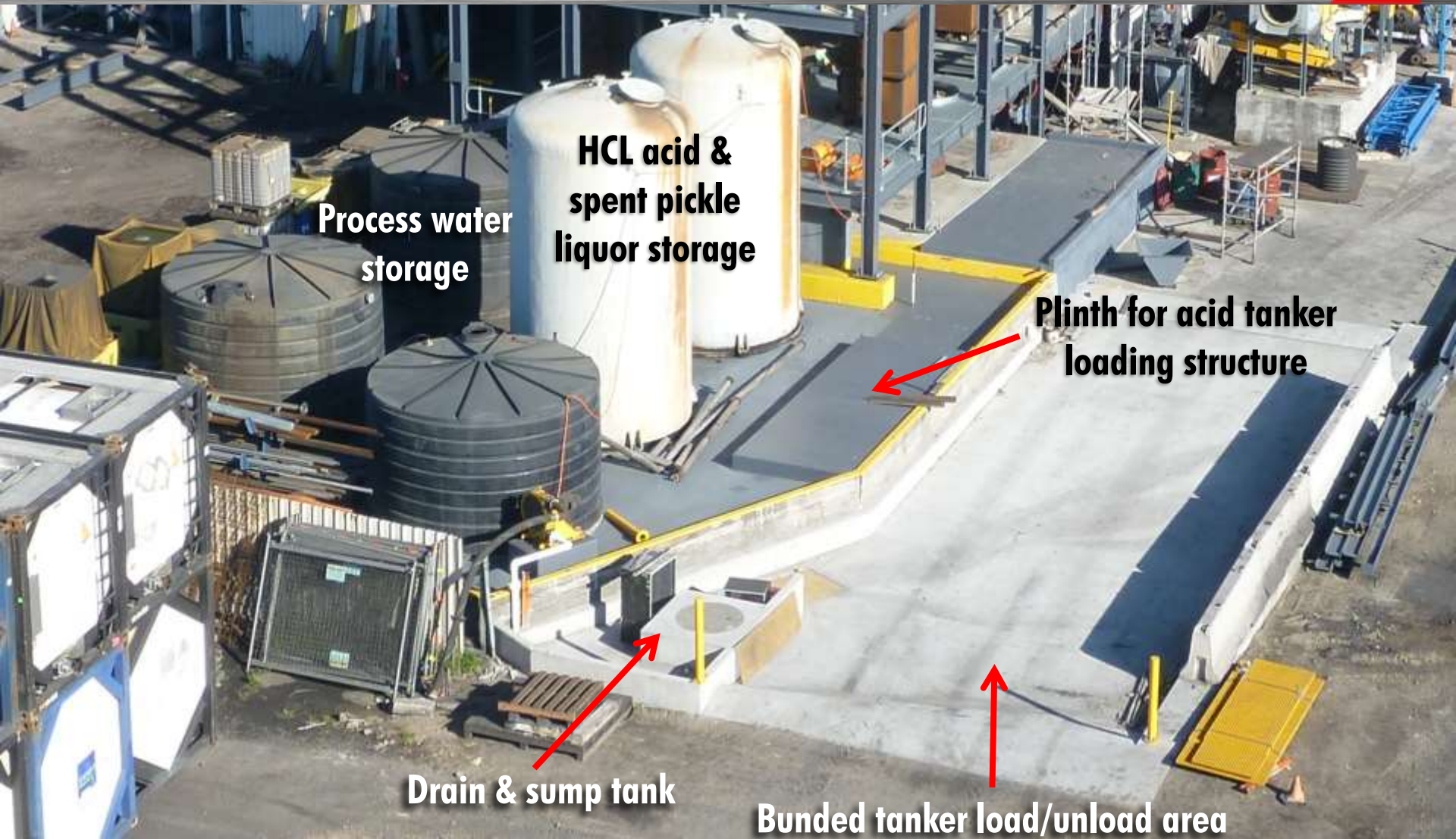
Mill Scale Preparation



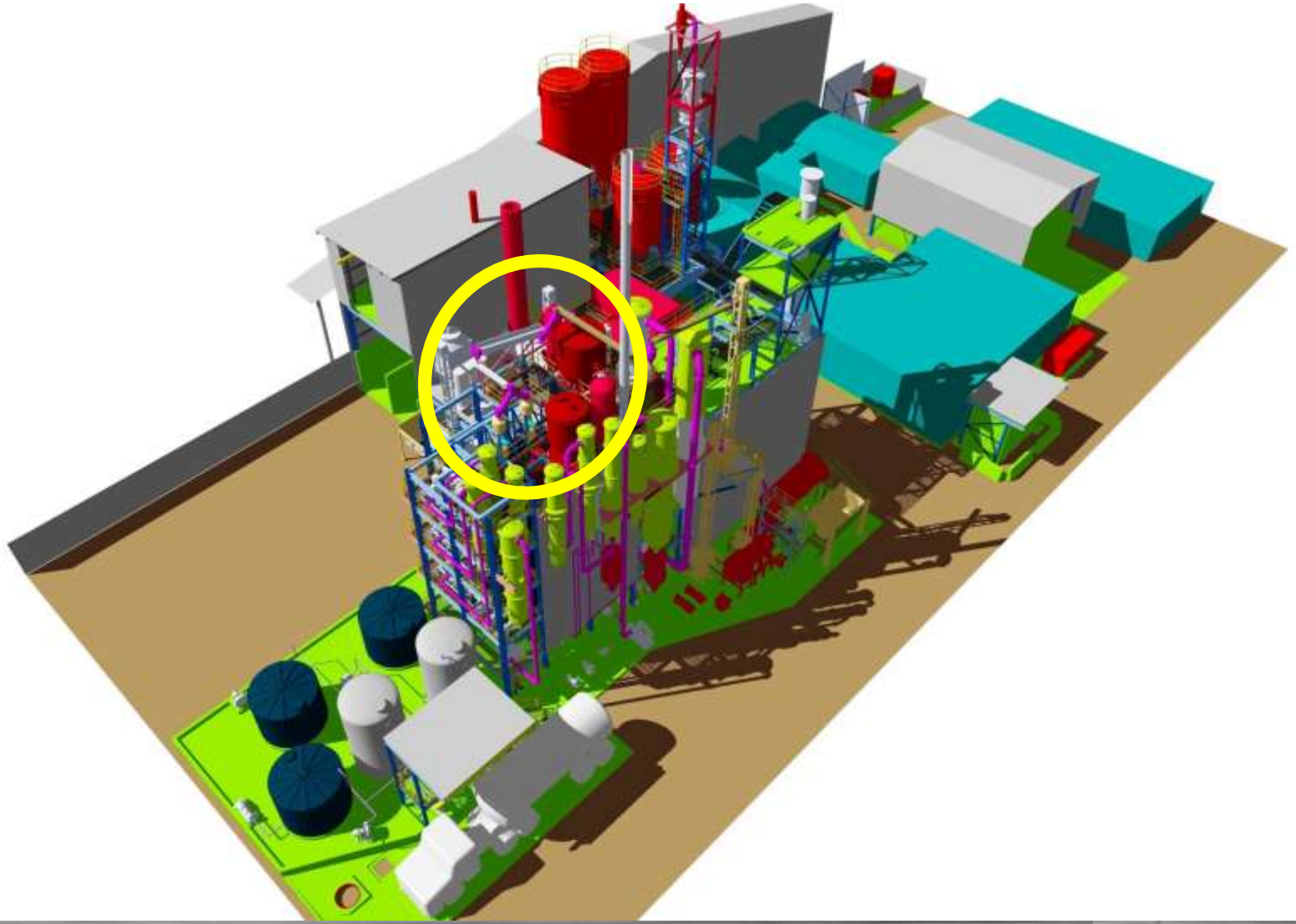
NIRP – Tank Farm



NIRP – Tank Farm

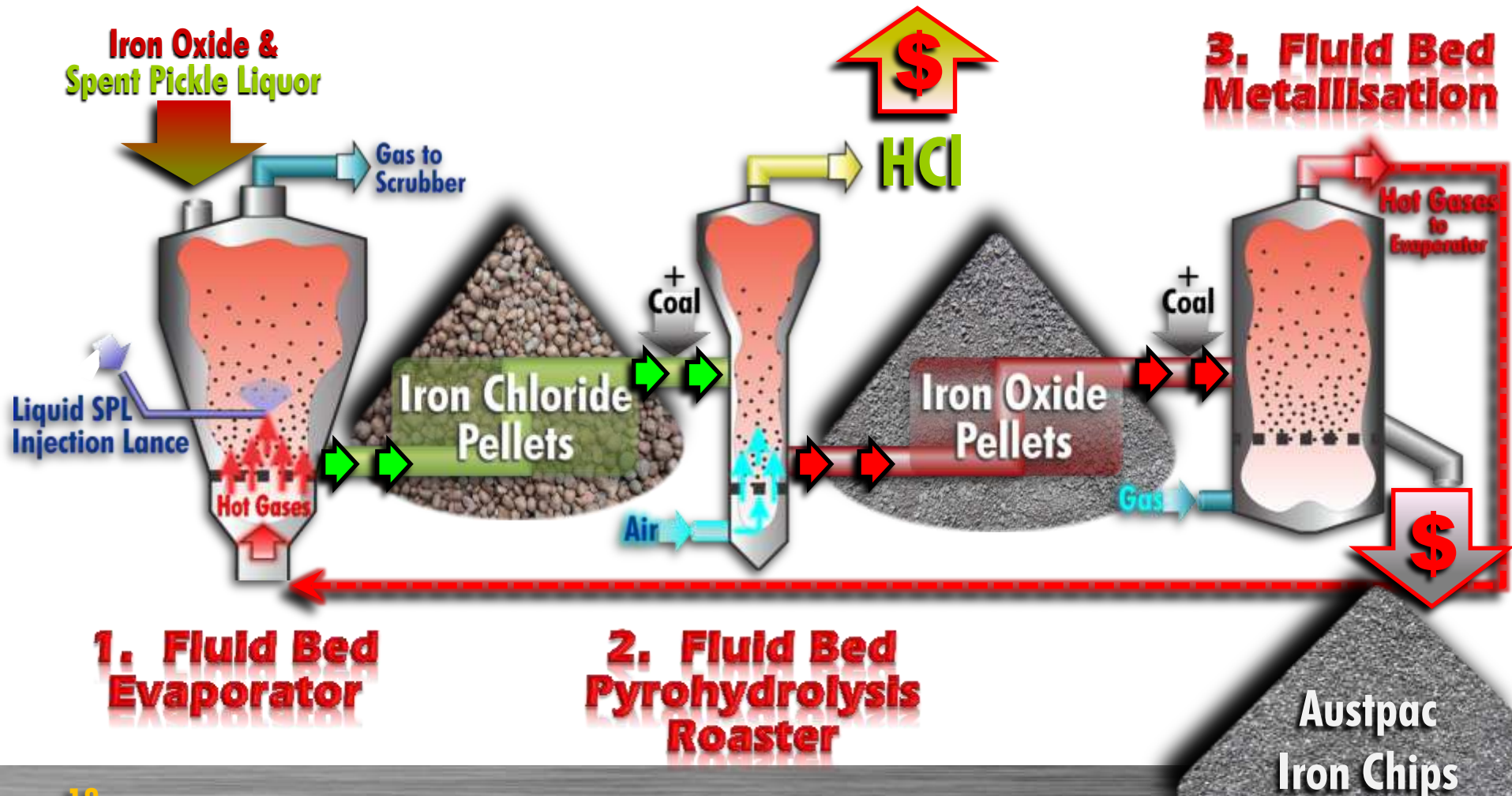


NIRP – Acid Regen/Fe Oxide Reduction



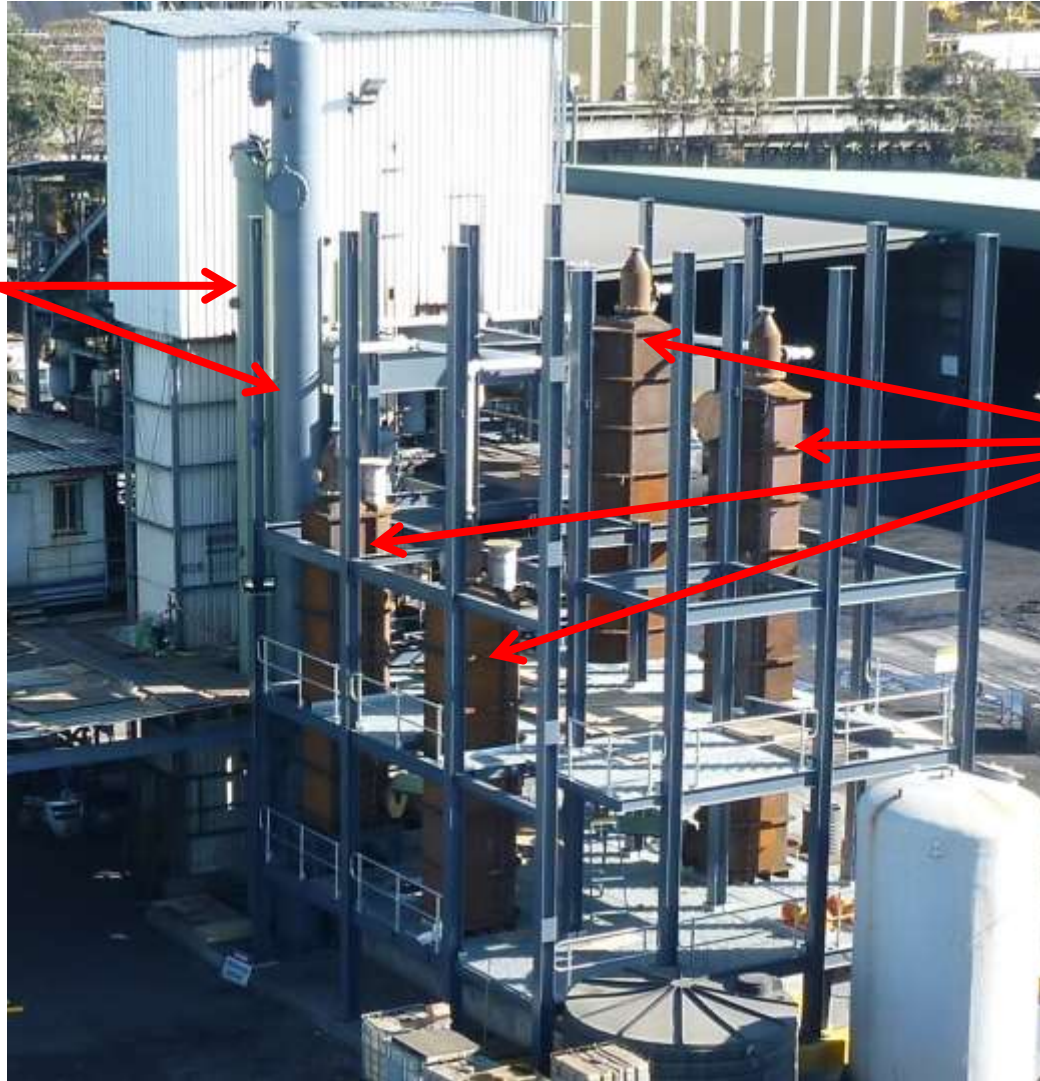
EARS Process & Metallisation

(Austpac's Proprietary Technologies)



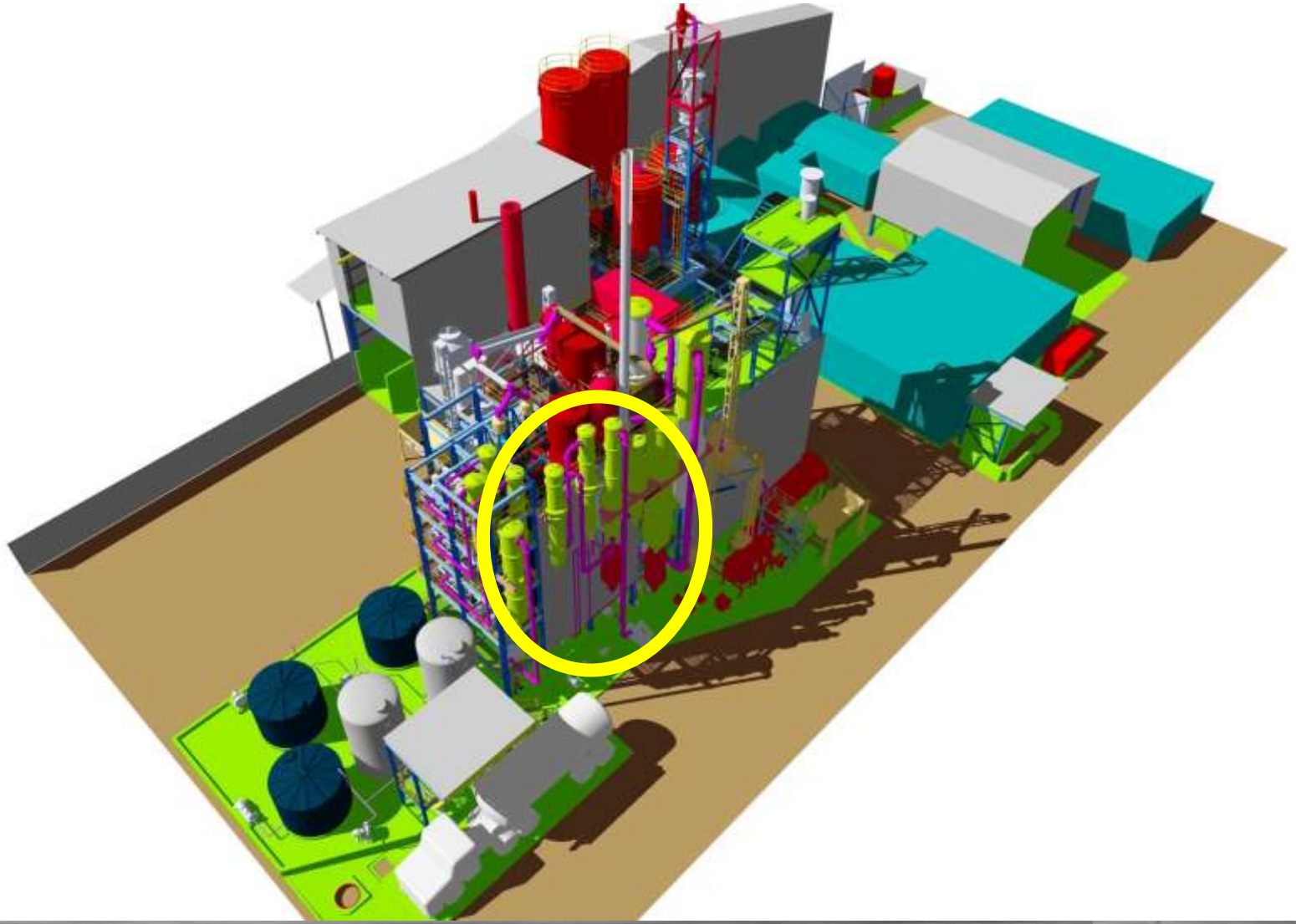
NIRP – EARS Acid Regen/Metallisation

**CO₂ stripping
& absorption
columns**



**Stoves (Heat
Exchangers)**

NIRP – Gas Absorption & Scrubbing

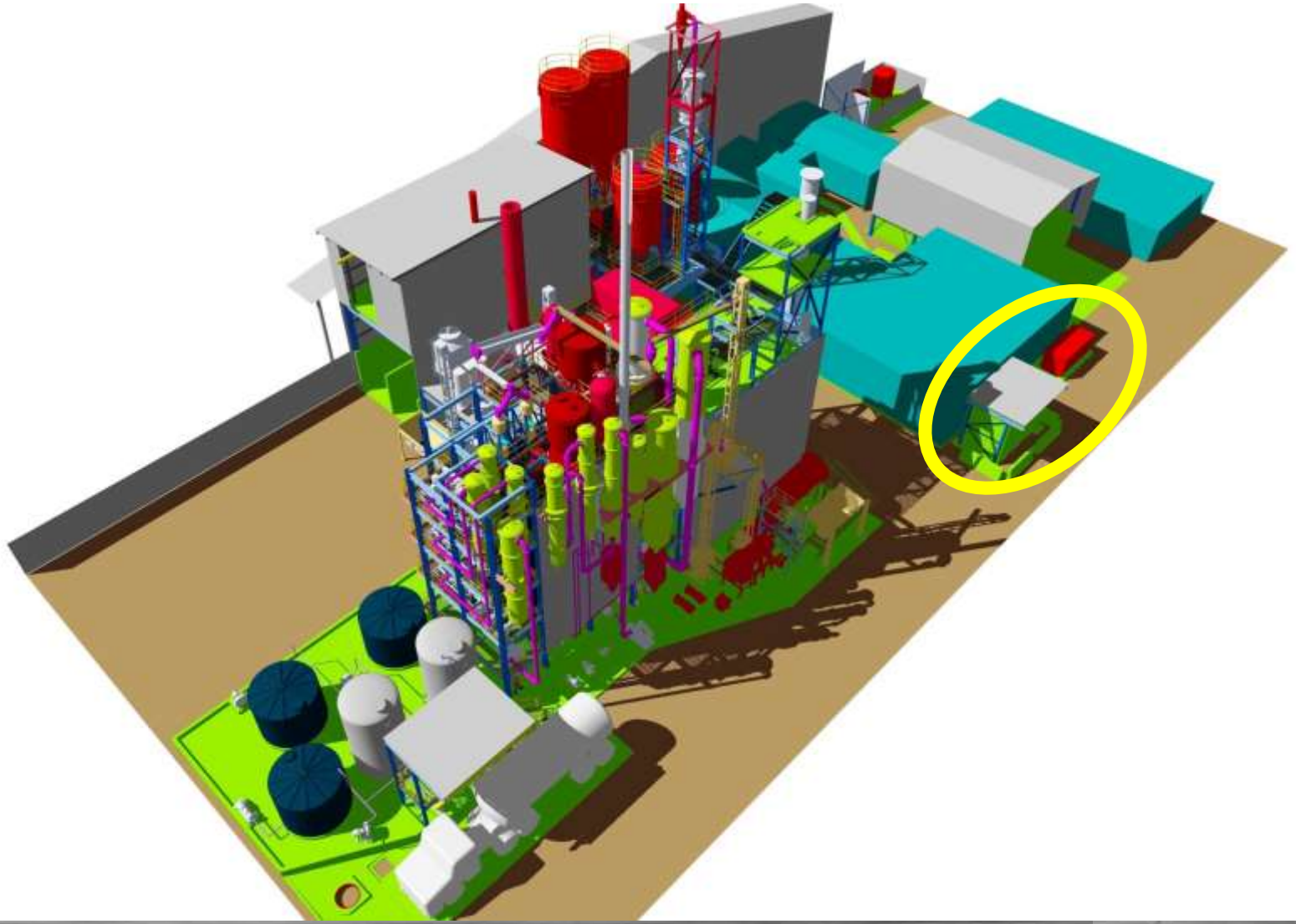


NIRP – Gas Absorption & Scrubbing



HCl absorption & gas scrubbing columns awaiting installation

NIRP – 2,000A 33 kVA Power Supply



NIRP – 2,000A 33 kVA Power Supply



Installation of the
2,000A 33 kVA
transformer



HV switch room

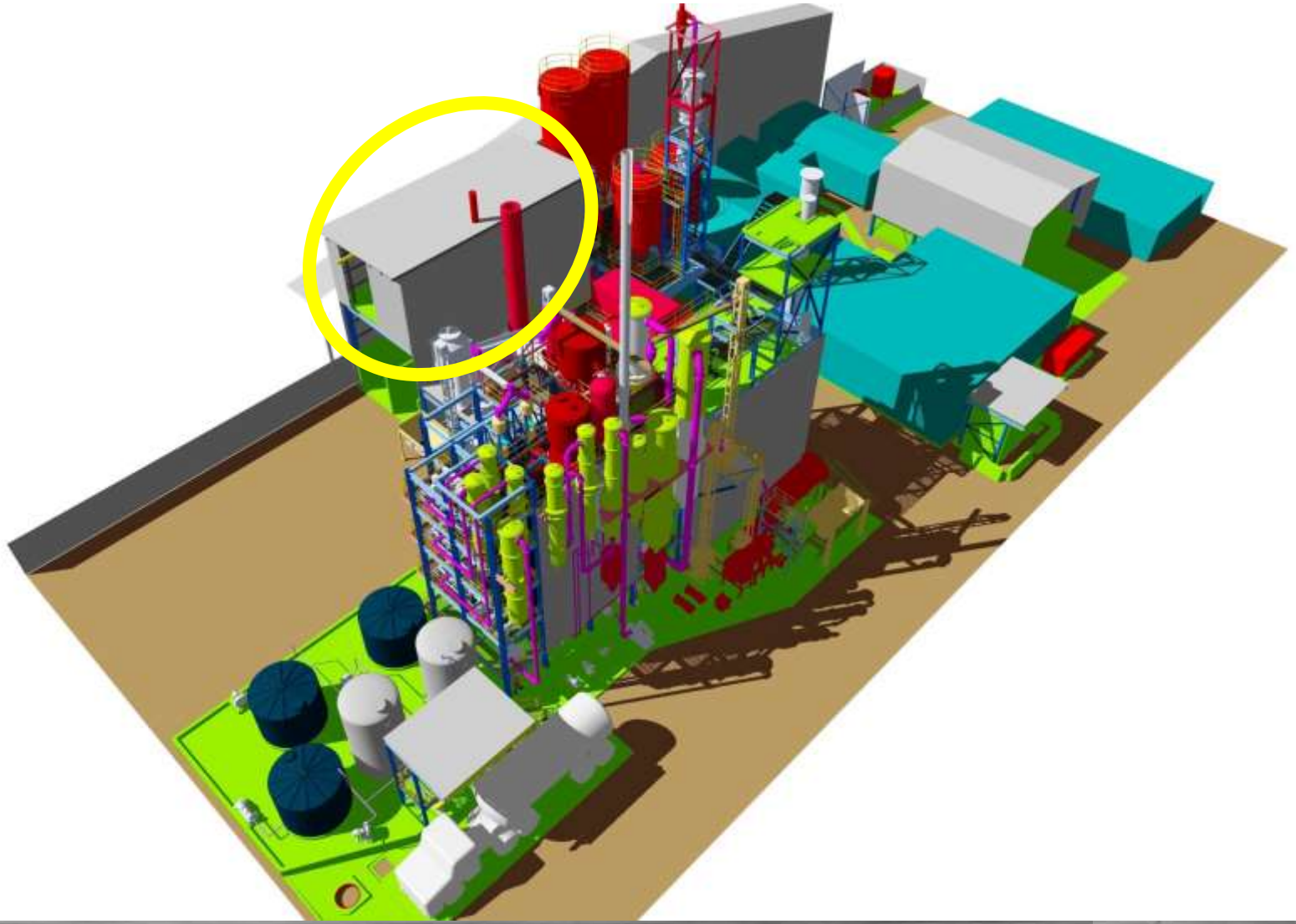
NIRP

33 kVA switchyard

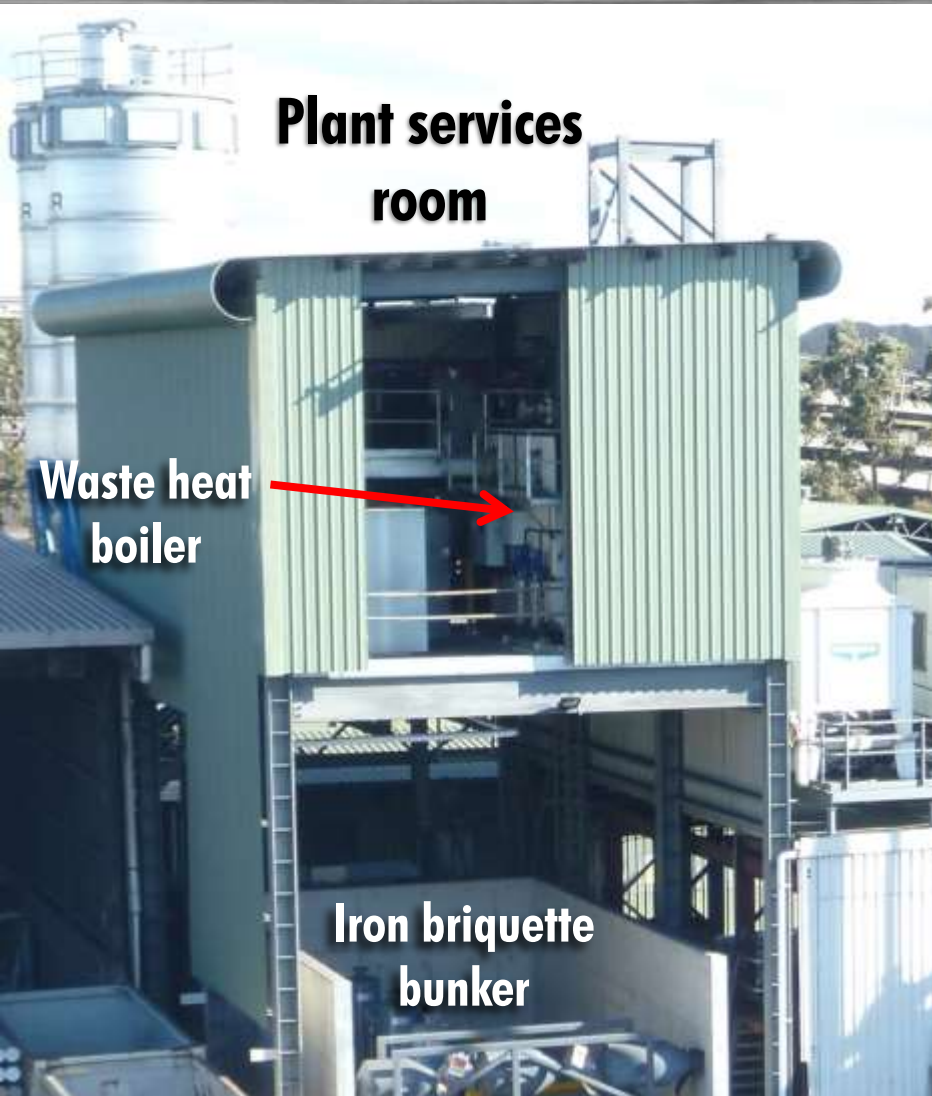


Drawing HV cable from the
transformer to the switch room

NIRP – Plant Services



NIRP – Plant Services



NIRP – Product Load-out



Project Timelines

- **Construction advances and commissioning commences Q4 2013**
- **Modifications made to improve mill scale handling equipment**
- **Commissioning will continue into January 2014, followed by production**
- **NIRP will be a reference site for Austpac's EARS acid regeneration & metallisation (iron reduction) process for recycling the world steel industry's wastes**

Potential for Licences



Business Model



- **Technology licenses will be situation specific**

Options include

Site licences

Company specific licences

Country or regional licences

- **Licences will include**

Up-front fee for technology (“FEED”)

Production royalties

Future Developments

- **Technology licence opportunities with steel mills:**
 - Near term – recovering iron from a fine oxide waste dump
 - 2014 – replacing an aging acid regeneration plant
- **Recycling mixed oxide dusts and mixed chloride liquors**
- **Licences with other steel mills around the world**
- **When NIRP is fully operational, implement opportunities for a commercial ERMS SR synrutile plant to produce high grade feedstock for titanium sponge industry**



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' is the word 'AUSTPAC' in large, bold, black, 3D block letters. The letter 'T' has a red square on its top bar. The background is a grey, metallic texture with horizontal lines.

AUSTPAC

The background image shows a steel recycling plant. Molten metal is being poured from a ladle into a container, creating a bright orange and yellow glow. The plant is filled with industrial machinery, pipes, and structural beams. The lighting is dim, with the primary light source being the molten metal.

**RECYCLING
STEEL WASTE**

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