

### ***B3***

#### ***INITIAL PUBLIC MEETING***

A public meeting were held at Hoedjiesbaai Hotel, Saldanha Bay 16 February 2016 to present the proposed Project and solicit input from stakeholders into the scoping process.

### ***B3.1***

#### ***ATTENDANCE REGISTER***

A record of attendance from the public meeting is provided in the following pages.

Public Meeting  
16 February 2016

ATTENDANCE REGISTER

Title, First name & Surname	Organisation Name	Position in Organisation	Telephone / Cellphone Numbers	Fax Number	Postal Address	Email Address
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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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**Public Meeting  
16 February 2016**

**ATTENDANCE REGISTER**

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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**Public Meeting  
16 February 2016**

**ATTENDANCE REGISTER**

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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Public Meeting  
16 February 2016

ATTENDANCE REGISTER

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**B3.2*****PRESENTATION***

A copy of the presentation given at the public meeting held on the 16 February 2016 is provided in the following pages.



## Agenda

1. Introduction to ERM and Project Team
2. Project Motivation
3. Introduction to IPCSA
4. Project Description
5. EIA Process
6. Specialist Studies
7. Opportunities to be Involved: Public Participation Process
8. Way Forward

## Introduction to Project Team

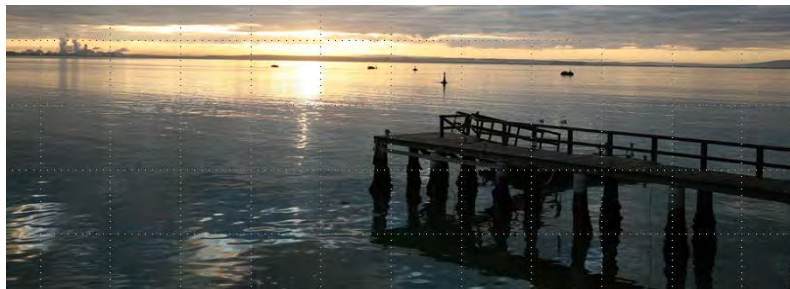
- Richard Holcroft (AMSA)
- Reiniet van Zyl (AMSA)
- Francois vd Bank (AMSA)
- Gesie Theron (AMSA)
- Mike Olivier (IPCSA)
- Seth Olivier (IPCSA)
- Muller Coetzee (ERM)
- Stephan vd Berg (ERM)
- Tougheeda Aspeling (ERM)

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## Introduction to ERM

- ERM has been appointed as the independent Environmental Assessment Practitioner
- ERM is responsible for running the EIA and public participation process
- ERM will facilitate active involvement of Interested and Affected Parties



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## Project Motivation

- We need to sustain current industry
  - Sustain jobs
  - Sustainable economic activity is critical for ALL
- Prevailing economic outlook does not support this, but industry has found a solution
- If high “energy cost” can be addressed it will sustain current industry and encourage economic growth
- Economic growth will create opportunities for skills development and training
- This will lead to new opportunities for the community and area

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## Project Motivation

- Appears that excess global steel capacity, low global iron ore prices and low steel prices are here to stay – structural change not a cycle
- Saldanha Works is primarily export focused (East & West Africa) and faces tough competition from China, Japan and India
- Saldanha Works has to be able to compete in Export Markets therefore must strive to keep production costs down



Current focus is on low cost and efficient production

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## Project Motivation

- Energy efficiency controlled cost through 2015, but is not enough for long term sustainability
- Secure, affordable, electricity through an independent Gas fired Power Station 1.4 GW would provide a solution
- ArcelorMittal South Africa & Saldanha Works has to be profitable to ensure sustainability, and maintain jobs and economic activity
- If energy cost can be addressed there is significant potential for expansion of current industry



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## Introduction to IPCSA

- IPCSA formed as a Special Purpose Vehicle (SPV) for the development and ownership of the Saldanha Power Project in 2013
- Founding members have over 65 years combined experience in project development
- IPCSA have pooled together international experience and resources to develop the Gas to Power Project in Saldanha
- Have resources in America, Canada, Europe
- IPCSA have provided services to major companies in the energy sector globally and have support

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## Introduction to IPCSA



## Introduction to IPCSA



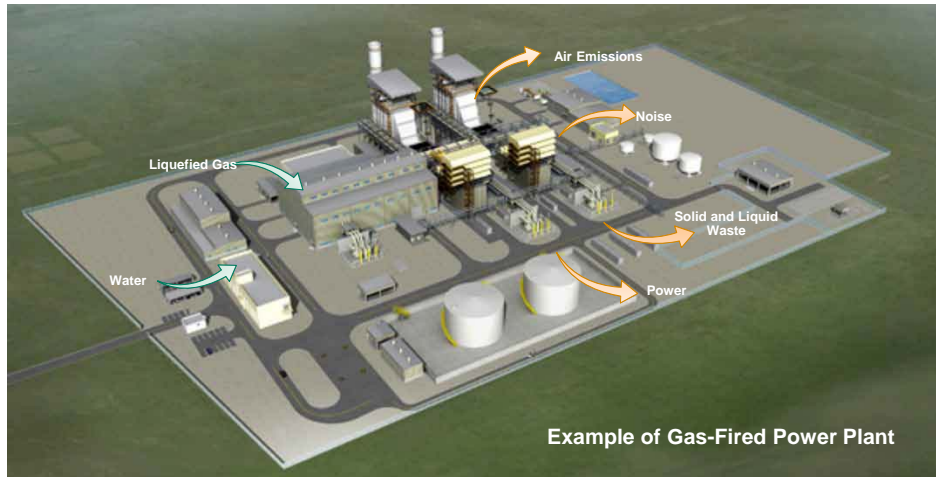
## Project Location



## Project Location



## Project Description: Inputs and Outputs



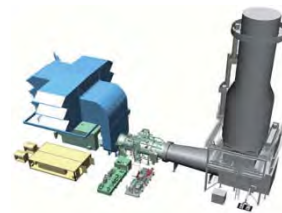
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## Project Description: Power Plant Selection

- 1 507MW of Installed Capacity
- **BASE LOAD** – 1 115MW operating at 87%
  - 3 X Siemens SGT5-4000F in Combines Cycle
  - Air Cooled
  - Benson Boiler (closed loop system) low water consumption
- **PEAKING** – 225MW
  - 5 X Rolls Royce (Siemens) Trent 60's
  - Air Cooled, small & Compact
  - Take care of AMSA's needs in Saldanha
- **SERVICE CENTRE & TRAINING ACADEMY**
  - Pumps, Motors
  - Turbines & Engines (Land & Marine)



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## Project Description: Natural Gas

- Equity Gas from the USA
- Negotiated long-term 20 year gas supply
- 2 Million tons contracted
- Negotiations additional supply:
  - Angola
  - Nigeria
  - Tanzania
- Regas using Floating Storage & Regas Unit (FSRU)
  - Semi-permanent
  - 15 Day storage
  - 3 Ships delivering in rotation



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## Project Description: Natural Gas



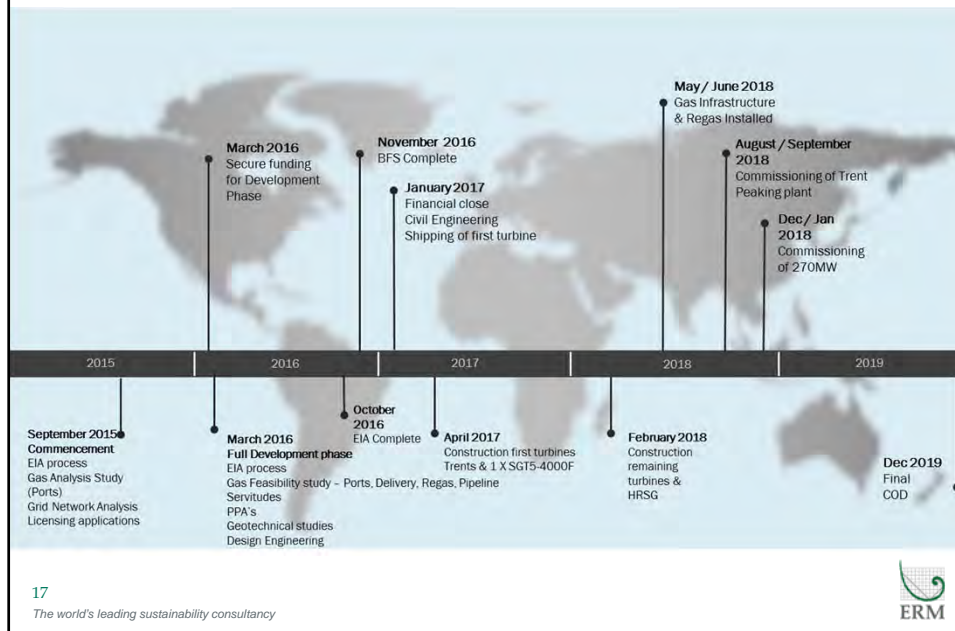
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## Project Description: Project Timelines



## Project Description: Job Creation

- Development Phase: Approx. 45
- Construction Phase: Approx. 600
- Operations Phase: Approx. 170

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## DoE Gas to Power Programme

- Project is different from other IPP projects for which EIA's have been initiated (part of DOE initiative)
- DoE projects are aimed at addressing Eskom shortage; not focussed on sustaining industry
- IPCSA project focus on affordability to support industry



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## EIA Process: Scoping Overview

Full Scoping and EIA Processes in terms of:

- National Environmental Management Act, 1998, (Act No. 107 of 1998), as amended (NEMA)
- EIA Regulations Listing Notice 1 (GNR R983), Notice 2 (GNR 984) and Notice 3 (GNR 985)



### Scoping Phase Objectives

- To communicate the proposed project to interested and affected parties
- To identify possible impacts, alternatives, and define the terms of reference for specialist studies



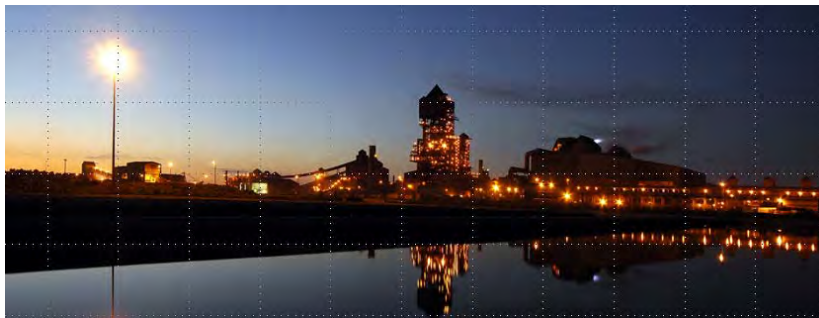
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## EIA Process: EIA Objectives

- Assess possible positive and negative impacts identified
- Rate significance of the impacts
- Develop mitigation measures to manage negative impacts and enhance Project benefits



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## EIA Process: Potential Impacts and Benefits

### Potential environmental and social impacts

- Noise and air emissions
- Potential impact on terrestrial animals and plants
- Issues associated with Project induced in-migration
- Waste management
- Potential impact on heritage resources

### Benefits associated with the Projects

- Increased energy production for the Saldanha Bay Local Municipality
- Employment creation during construction
- Employment security for existing employees
- Community upliftment



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## EIA Process: Studies to be included in EIA

Proposed studies to address the impacts include:

- Air Quality Study
- Noise Impact Study
- Cultural Heritage and Palaeontology Study
- Terrestrial Ecology Study (Fauna and Flora)
- Socio-economic Study



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## EIA Process: Opportunity for Comment

- Register as an I&AP:
  - Receive notification when reports are available for comment
  - Submit your comments, questions or suggestions to the Project team and receive a response as part of the EIA Report
- The Draft Scoping Report and Draft EIA will each be available for a thirty (30) day public comment period
- The next public meeting will take place after the release of the Draft EIA



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## EIA Process: Way Forward

- Release of Draft Scoping Report (30 day comment period)
- Specialist studies to commence
- Final Scoping Report to the DEA

Registered I&APs will be notified when draft reports are available for comment

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## Further comment

### CONTACT DETAILS: ERM CAPE TOWN OFFICE

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Thank you for your participation

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## Questions?

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## Questions?

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