



# **WARATAH** **RESOURCES** L I M I T E D

**COMPANY PRESENTATION**  
**NOVEMBER 2012**

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**S Y D N E Y | L I B R E V I L L E | B R A Z Z A V I L L E**

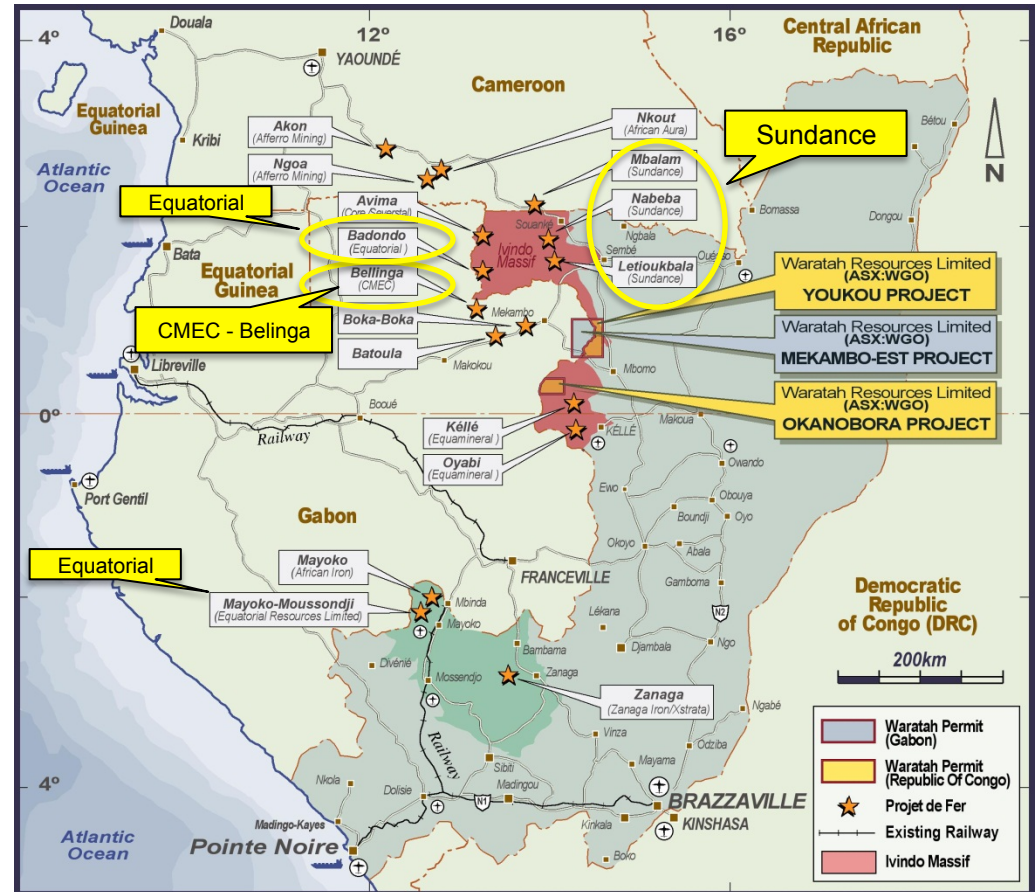
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# INVESTMENT HIGHLIGHTS

## *Unique iron ore investment opportunity*

### Large scale iron-ore projects with world class potential

- ✓ Quality locations – emerging iron ore province attracting international investment
- ✓ Pro-mining governments – stable, supportive and seeking diversity
- ✓ Currently under-explored projects
- ✓ Utilising company owned drill rigs + equipment
- ✓ Experienced executive and operational teams
- ✓ Regular activity news flow



Waratah Project Locations, Central Africa

# RECENT NEWS

## *Highlights*

### **Corporate strategy**

\$1.16M raise completed, issue of +29M ordinary fully paid shares

Sir Michael Bromley appointed Chairman; Mr Ben Kirkpatrick appointed Managing Director (Oct 2012)

### **Success**

African site visit by new MD and Chairman

- \$1.3M in costs/year eliminated
- African operation turned around
- Key meeting with Gabon Mines Minister
- New licences to be granted in Gabon



Drill core from Youkou Exploration Program

### **Exploration & development progress**

Assays confirm high-grade iron ore at Youkou/ Mekambo-Est Iron Ore Project

Historic convention signed between ROC and WGO in relation to Okanabora Iron Ore Project

Ground recon. completed at Okanabora returned encouraging results of up to 49% Fe

# WARATAH SNAPSHOT

*Unique iron ore investment opportunity*

## Capital Structure

|                        |         |
|------------------------|---------|
| • Ordinary shares      | 228.5M  |
| • Options ~\$0.22      | 28.6M   |
| • Market Cap. @ \$0.04 | \$9.14M |
| • Cash @ 30 Sept. 2012 | \$1.1M  |

## Board of Directors

|                       |                    |
|-----------------------|--------------------|
| • Sir Michael Bromley | Chairman           |
| • Ben Kirkpatrick     | Managing Director  |
| • Jonathan Downes     | Non-Exec. Director |
| • Peter Bennetto      | Non-Exec. Director |

## Major Shareholders

|              |       |
|--------------|-------|
| • Top 40     | 64.4% |
| • UBS Wealth | 22.3% |

## Projects

- **Youkou Iron Ore (Youkou)**  
*Republic of Congo (ROC)*
- **Mekambo/Est Iron Ore (Mekambo-Est)**  
*Republic of Gabon (Gabon)*
- **Okanabora Iron Ore (Okanabora)**  
*Republic of Congo (ROC)*



# PROJECT OVERVIEW

## *Projects in emerging world-class iron ore province*

### **Two Projects with Exploration Targets<sup>1</sup> of 1 Bt itabirite iron >35% Fe**

#### **Youkou/ Mekambo-Est (ROC/ Gabon)**

##### **Less than 10% of strike drilled**

- Drilling date delivered 24 holes/ 1,107m drilled
- Best hole assayed returned 20m @ 66.9% Fe
- Beneficiation study underway to beneficiate DSO iron ore up to 60% Fe

#### **Okanabora (ROC)**

- Recent rock chip sampling and mapping indicate up to 49% Fe
- Lidar survey identified 6 ridges
- Vastly underexplored



**1. Conceptual Disclaimer:** *The Exploration Target is conceptual in nature and, to date, there has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in the determination of a mineral resource.*

# CENTRAL AFRICA

## *New iron ore province attracting global investment*

### Pro-Mining Governments in Quality Locations

#### Active in Gabon:

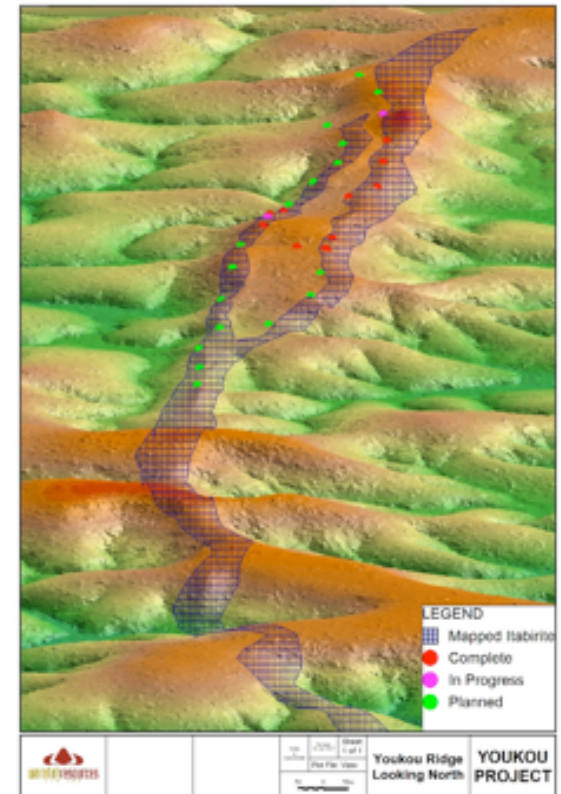
- Total, ENI, BHP Billiton, AngloGold, Eramet, CMEC

#### Active in ROC:

- African Iron (Exxaro), Sundance, Xstrata, Core Mining, Glencore, Equatorial

Hanlong proposal to acquire 100% of Sundance in a + \$1.3B takeover.

BHP Billiton reportedly in talks with Gabon over an interest in Belinga project.



DTM Surface Youkou Ridge, showing boreholes and mapped Itabirite

# YOUKOU/ MEKAMBO-EST

## *Hematite + magnetite rich iron ore mineralisation*

### Project areas across ROC – Gabon Border

Youkou: in the Ivindo Massif (ROC) host to +4Bt iron ore

Mekambo-Est: in Gabon, abuts Youkou

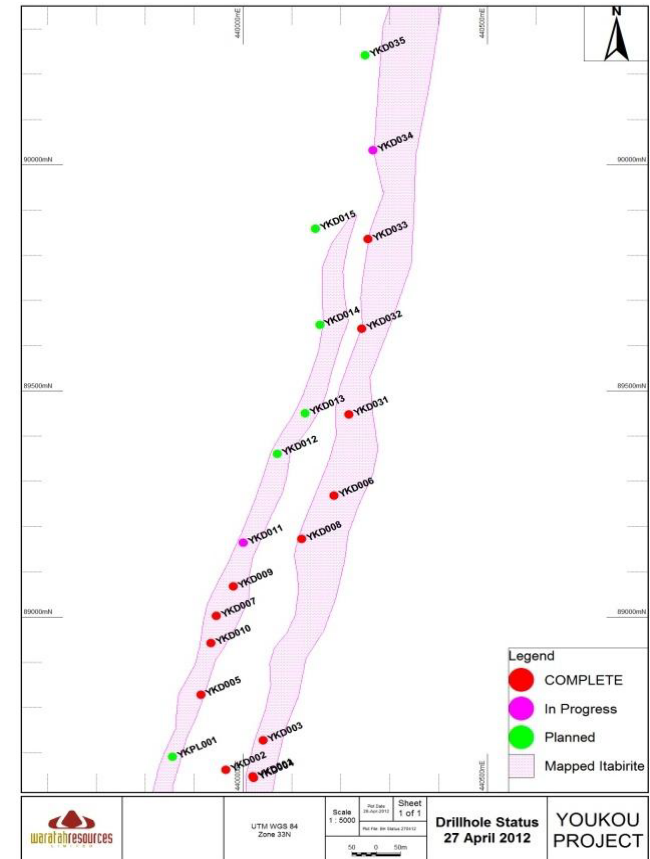
- Youkou Exploration Target<sup>1</sup> of 1Bt of iron ore grading >35% Fe which can be beneficiated

Drill program delivered 24 holes totalling 1,107m drilled

- **Best hole assayed: 20m @ 66.9% Fe**

Independent assay results verify Niton XRF results; further laboratory results pending

Known iron ore extent vastly underexplored and drill tested



Youkou Project Drilled Extent 100m

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# OKANABORA

*Highlighted for extreme itabirite prospectivity*

## BIF Potential Project

Exploration target<sup>1</sup> of 1-2 Bt of iron ore grading  
>35% Fe which can be beneficiated

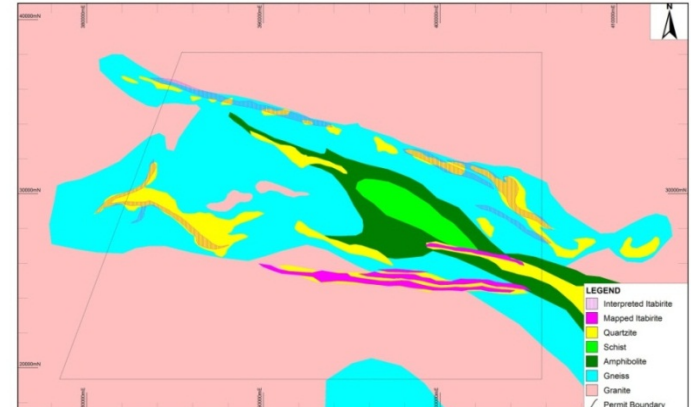
Significantly underexplored

LIDAR survey completed identified 6 ridges

Combined strike length of mapped ridges +90km

Ground reconnaissance completed on 10%

Initial rock chip sampling and mapping showed  
mineralisation of up to 49% Fe



Surface sampling - Okanabora



Itabirite rock from Okanabora

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# YOUKOU STRATEGY– Q4 2013

## *Cut costs - Increase productivity*

### ✓ YTD 1,100m drilled at Youkou/ Mekambo-Est

Confirm initial JORC Resource

- Samples under analysis at ALS Johannesburg

+10,000m drilled by EOQ4 2013

Lower the cost environment

- contract drillers; drill for a fraction of past costs
- develop partnership options

Complete Beneficiation Study

- to beneficiate DSO iron ore up to 60% Fe

Investigate infrastructure options



Youkou Drill Core

# OKANABORA STRATEGY– Q4 2013

## *Cut costs - Increase productivity*

### ✓ YTD Encouraging Fe results from initial ground reconnaissance program

Map the entire combined strike length of the Okanabora ridges (~90km)

Conduct aeromagnetic surveys to determine targets

Confirm presence of prospective Banded Iron (BIF) or Itabirite Iron formations

Lower the cost environment

- develop partnership options

Complete Beneficiation Study

- beneficiate DSO iron ore >60% Fe

Investigate infrastructure options



High grade outcrop from Youkou , 64% Fe reading from Niton XRF



# PEER COMPARISONS

## *Unique iron ore investment opportunity*

| Company                                 | Market Cap.<br>(A\$m) | Asset (s)                          | Country                         | Resource Tonnes                                                                 | Resource Grade (Fe%)                               | Distance from<br>WGO |
|-----------------------------------------|-----------------------|------------------------------------|---------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
| Sundance Res.<br>(ASX:SDL)              | \$1,230               | Mbalam Project                     | Cameroon & ROC                  | 484Mt DSO<br>2.325Bt itabirite hematite                                         | 61.1% DSO<br>38.0% itabirite hematite              | ~100km               |
| Zanaga Iron Ore (AIM:<br>ZIOC)          | \$210m                | Zanaga                             | ROC                             | 4.02Bt comprising a DSO<br>cap over an hematite<br>itabirite body               | 33.9% average                                      | ~500km               |
| Equatorial Res.<br>(ASX:EQX)            | \$244m                | Badondo &<br>Mayoko-<br>Moussondji | ROC                             | Targets of<br>0.7-1.2Bt high grade<br>hematite,<br>2.9-4.9Bt itabirite hematite | Targets of<br>40-65% hematite,<br>30-45% itabirite | ~150km and<br>600km  |
| African Iron Ltd<br>(ASX:AKI)<br>Exxaro | \$337m<br>\$7,600m    | Mayoko                             | ROC                             | 72Mt DSO<br>Target of<br>900-1,300Mt basement                                   | 56.0%                                              | ~700km               |
| Waratah (ASX:WGO)                       | \$9.1m                | Youkou and<br>Okanabora            | Republics of<br>Congo and Gabon | Not Applicable                                                                  | 35% to 68.0%                                       | N/A                  |
| Core Mining (unlisted)                  | \$800?                | Avima                              | ROC                             | 800Mt DSO (Avima)                                                               | Up to 69.5% (Avima)                                | ~180km               |

# INFRASTRUCTURE SOLUTIONS

## *Commitment to long-term social investment*

### Waratah invited by Gabonese Minister of Mines to Present an Infrastructure Plan

#### Road

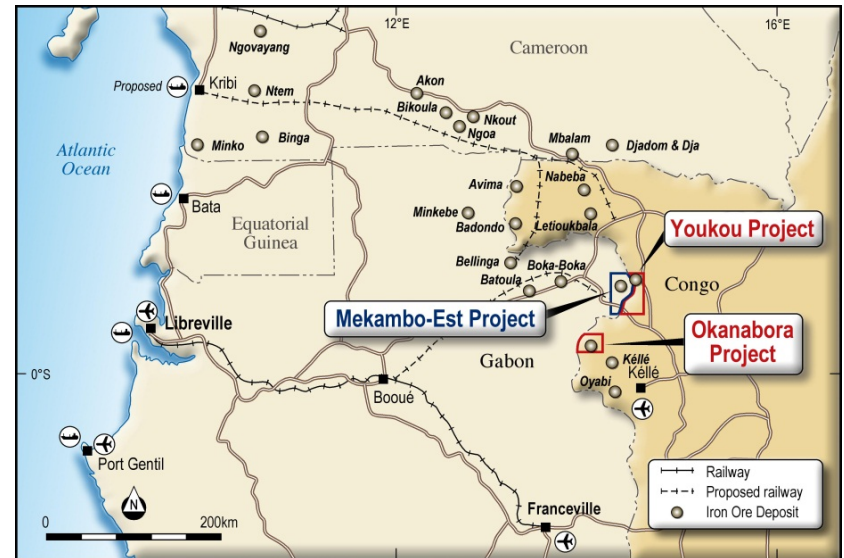
- 65km road refurbished + 26km new road built
- Kelle to Okanabora road upgrade with neighbouring license holders

#### Rail

- Enter into a Regional Integrated Rail and Port Transport Cooperative Agreement with operators of nearby projects (BHP, Equatorial, Core)

#### Power

- Initially run heavy fuel oil (HFO) generators onsite at Youkou/ Mekambo-Est
- 3 new hydro-electric projects planned or under early construction in the region



Waratah Project Location Map Showing Proposed Railway Line

# INFRASTRUCTURE SOLUTIONS

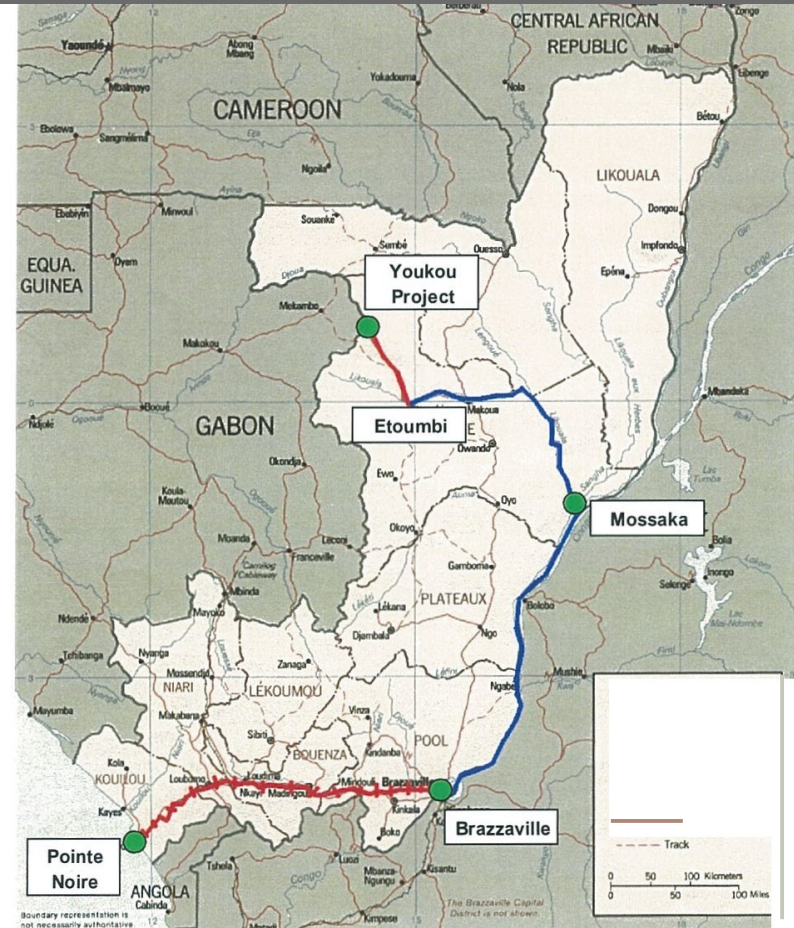
## *Youkou Iron Ore Transport Study*

### Barging Concept

1.2 Mt + a year operation through barging

Beneficiate ore at Youkou and Okanabora -  
transport beneficiated ore body in container or  
break bulk down to Point Noire

- Concept study in January to test logistics using 100kg of rock to barge to Etoumbi
- La Fluvial current state bargers – have MOU with La Fluvial



# EFFICIENCY PROGRAM

## *Breakdown of costs saved per year (since October 2012)*

| COST                                     | APPROX. NET SAVE \$USD                                                | NOTES                                                                                                                      |
|------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Brazzaville Office                       | 50,000 (rent)<br>40,000 (staff costs per month)<br>reduced to 5000p/m | Reduced size of office and cost of rent<br>down by 70%                                                                     |
| Libreville Office                        | 4000EUR                                                               | Reduced office from 14 rooms to 2<br>Subletting to fund both African offices<br>5000EUR per/month to 1000EUR per/<br>month |
| Perth Head Office Costs                  | halved from 30,000 AUD per<br>month                                   | Moving HO to Sydney                                                                                                        |
| Custom Fees (Drill Rig<br>and Container) | 130,000                                                               | Original amount 150,000                                                                                                    |
| CGS – Road Contract<br>dispute           | 400,000                                                               | Reduced to 70,000EUR                                                                                                       |

# FUNDING PROGRAM

## *Breakdown*

| INVESTMENT  | PLAN                                                          |
|-------------|---------------------------------------------------------------|
| \$8 million | \$5 million into drill program to drill 20,000 m over 2 years |
|             | \$3 million for Op Ex and investment opportunities            |

| TIMING        | PLAN                                                   |
|---------------|--------------------------------------------------------|
| 0 - 12 Months | Determine a significant JORC resource within 12 months |
| 0 – 12 Months | Confirm strategic/farm in partners                     |



# PROGRESS

## *Achievements to date*

### ACHIEVEMENTS

- |                                                                           |                |
|---------------------------------------------------------------------------|----------------|
| ✓ Signed convention regarding iron ore mining + exploration at Youkou     | December 2010  |
| ✓ Key management appointments, drill rigs arrive in ROC, site preparation | July 2011      |
| ✓ Acquisition of Okanabora                                                | August 2011    |
| ✓ Transport Study Completed for 1 - 2 million tonnes per annum            | September 2011 |
| ✓ Road re-opened between Mbomo and Olloba                                 | September 2011 |
| ✓ Mekambo-Est (Gabon) Recherché Permit Granted                            | December 2011  |
| ✓ Drilling commenced on site at Youkou/ Mekambo-Est                       | February 2012  |
| ✓ First Drill Core Assay results received, third drill rig ordered        | April 2012     |

# PROGRESS

## *Milestones to monitor: Q4 2012 – Q4 2013*

### MILESTONES TO MONITOR

|                                           |         |
|-------------------------------------------|---------|
| New licenses to be granted in Gabon       | Q4 2012 |
| Beneficiation study results at Youkou     | Q4 2012 |
| Infrastructure study results for Gabon    | Q4 2012 |
| JORC Inferred Resource Youkou/Mekambo-Est | Q1 2013 |
| JORC Inferred Resource Okanabora          | Q4 2013 |



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The information in this presentation that relates to Exploration Results and Mineral Resources is based on information reviewed and compiled by Mr. William Witham B.Sc. Geology (Hons), former Waratah Geologist and a member of the Australian Institute of Geoscientists. Mr. Witham has sufficient exploration experience which is relevant to the styles of mineralisation and types 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’ (“JORC 2004”). Mr. Witham consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.



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