

For personal use only



# **JP Morgan - Mining Services corporate day**

**28 June 2012**



## Transfield Services: Medium term focus



*Positioning to become Australia's premier resources and infrastructure services provider*

- Opportunity and Focus now:
  - Opportunity: Capture growth in MMO being driven by the current capex in Resources and Energy
  - Focus: Operational excellence and moving up value curve
    - Through life asset support and management
    - Mobilising and managing large, skilled work forces and offering IP
    - Moving up the knowledge and value curve, increasing cross-sell
    - Operational excellence and efficiencies delivering value and competitive pricing to customers
    - High value of incumbency and customer awareness

For personal use only

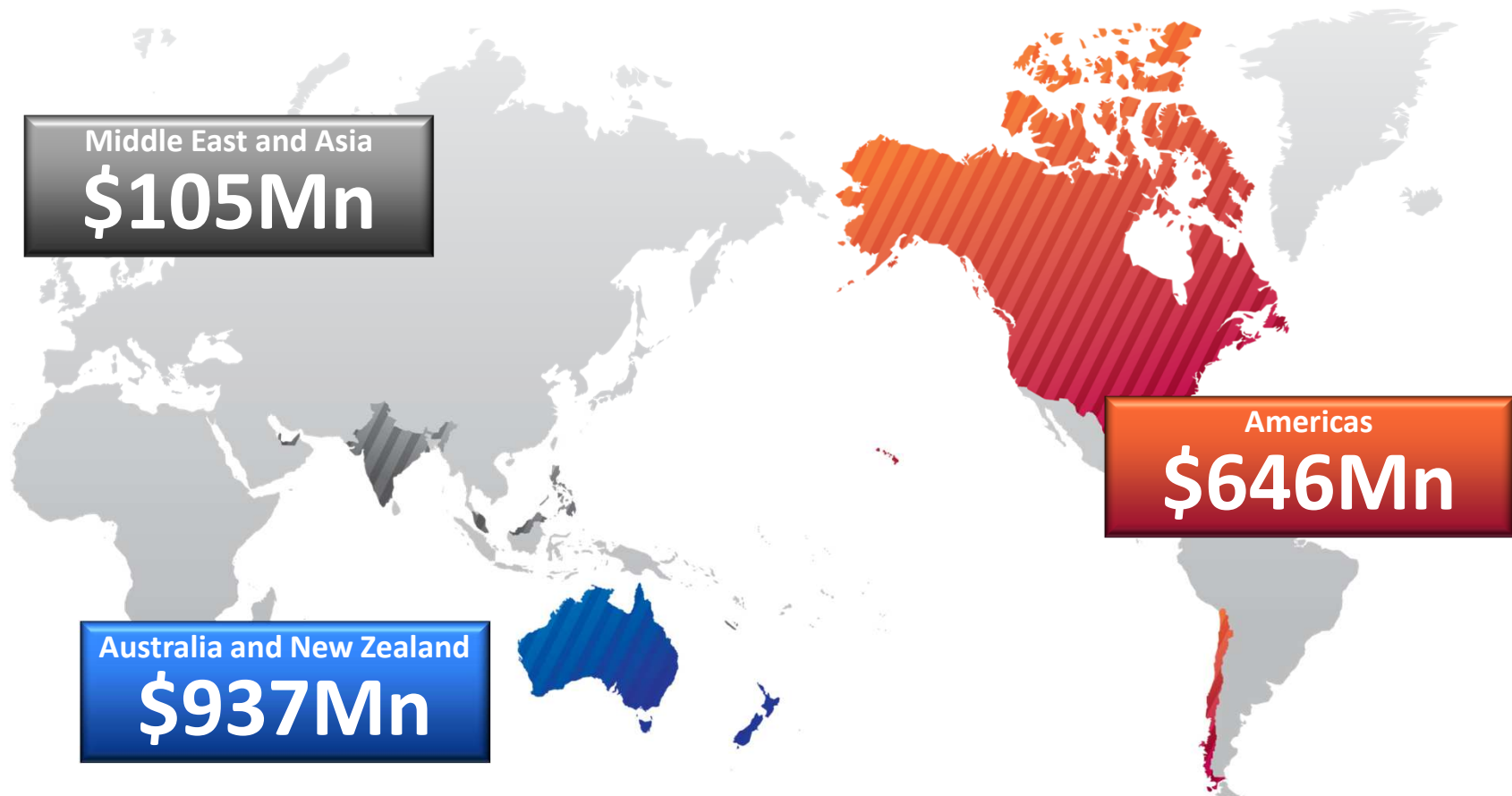


# **Transfield Services: Resources and Energy - Business position**

For personal use only



# RESOURCES & ENERGY – \$1.7BN REV. FY11\*



## SUBSIDIARIES



## JOINT VENTURES



Source: FY11 Proportionately consolidated revenue, plus annualized Easternwell revenue

For personal use only



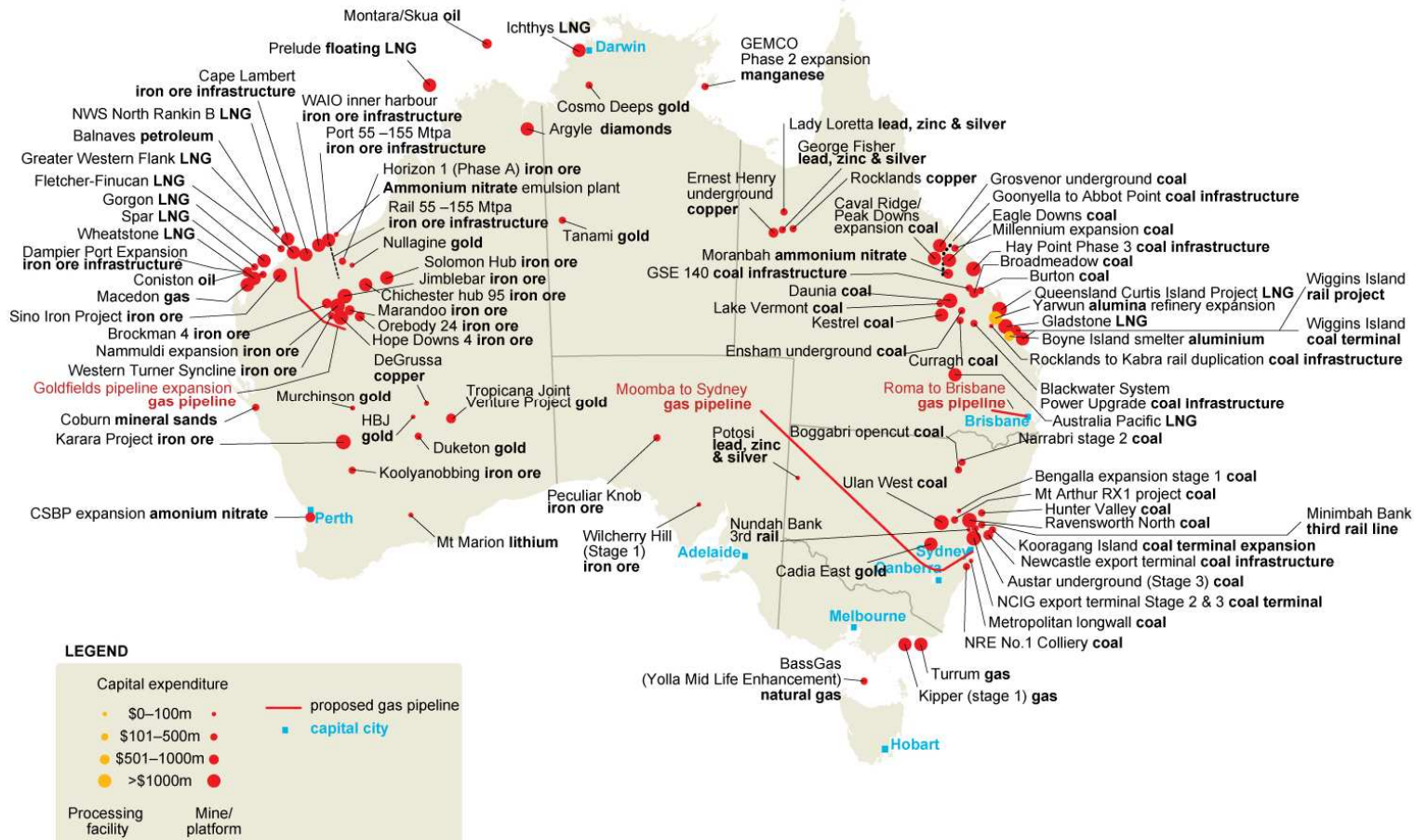
## **Australia: Energy & Resources capex building O&M demand**

# Positioned to capture R&E opportunities



- ▶ *R & E capex spend will drive growth in long dated MMO revenues*
  - ▶ *Commissioning*
  - ▶ *O&M, asset management*
  - ▶ *Capex – including sustaining works, brownfields, and growth – e.g. CSM*
  
- ▶ *Transfield Services is well positioned*
  - ▶ *Premier MMO provider to the Hydrocarbons sector in Australia*
    - ▶ *Shell, Caltex, Santos, QGC, Chevron, Woodside, Origin*
  - ▶ *Easternwell puts us at the front end of onshore MMO and minerals projects*
    - ▶ *CSG Drilling*
    - ▶ *O&G Well Servicing*
    - ▶ *Iron ore dewatering and coal degasification*
    - ▶ *Cross sell – e.g. Santos CMS and QGC*
    - ▶ *Establishes incumbency*
  
- ▶ *Building Transfield Services towards lower risk & recurring revenue streams*
  - ▶ *MMO has long dated revenue stream – projects lives of up to 20yrs+*
  - ▶ *Order-book gives revenue clarity – Order book ~just under 3yrs revenue*
  - ▶ *Differentiated position around brownfield and simultaneous operations*

# Advanced minerals and energy projects – April 2012



Source: Australian Bureau of Resources and Energy Economics, 2012

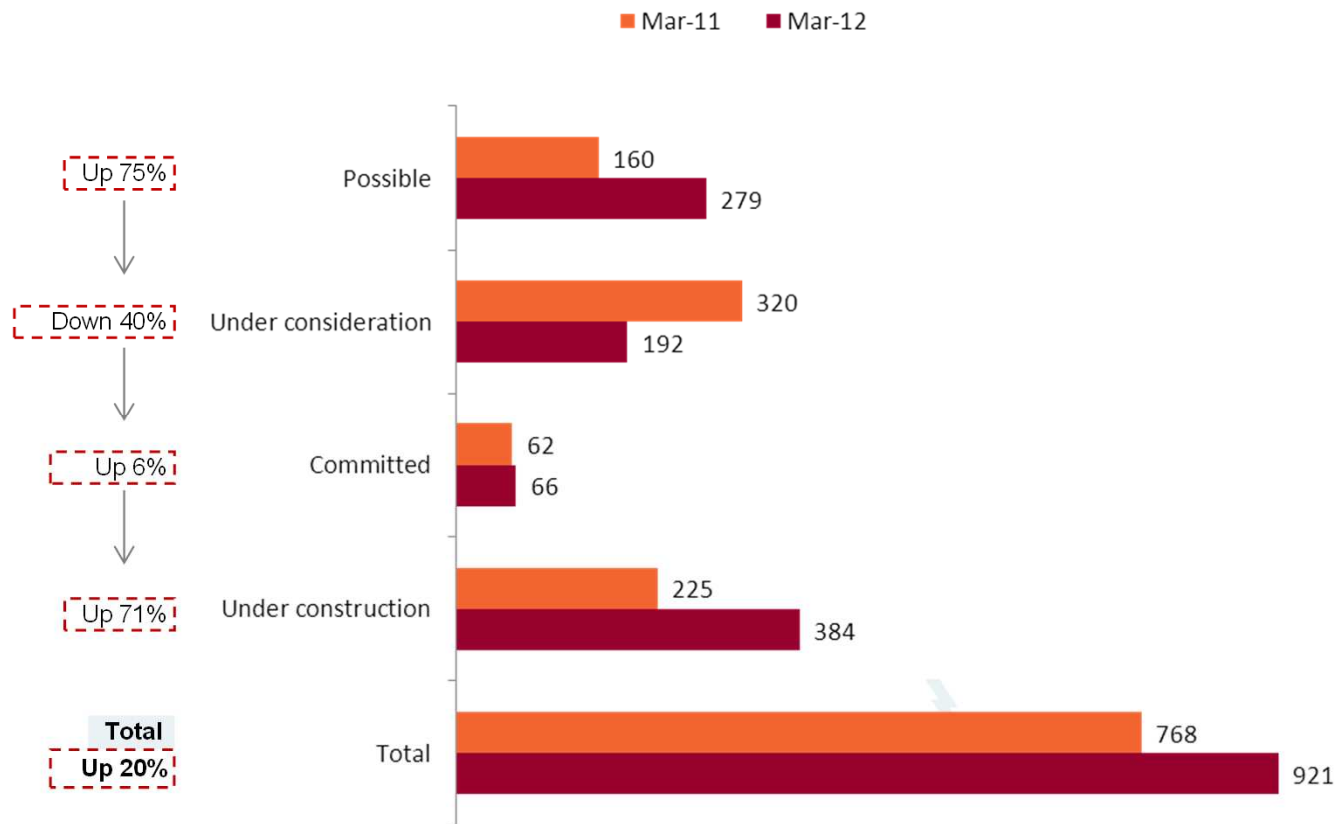
For personal use only

# Capex plans are now reality – “under construction” projects +71% over a 12 month period



The boom in project and infrastructure spending continues.  
The large value of projects now under construction will begin moving to commissioning and operations phases over the next 2 – 3 years

## Australian project and infrastructure pipeline



Source: Access Economics – *Investment Monitor*, March 2012; ABS

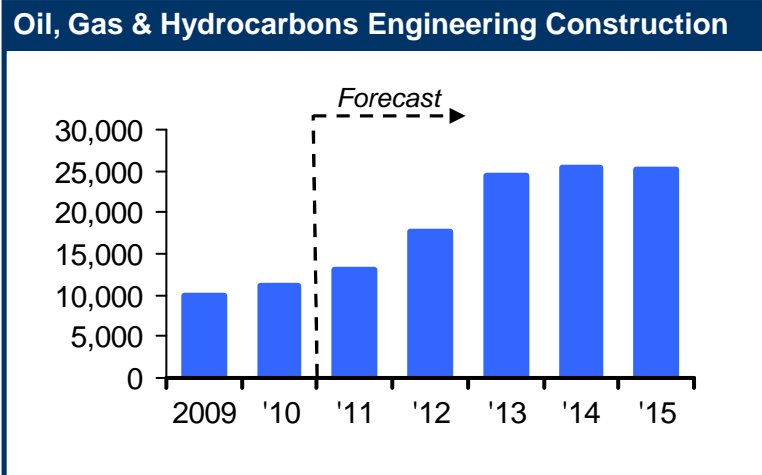
For personal use only



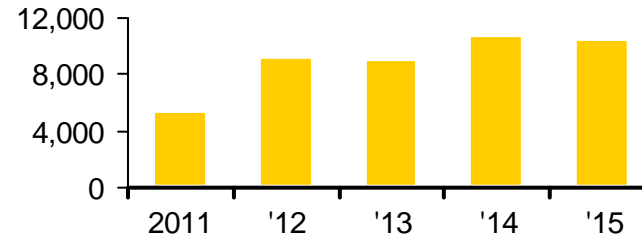
# Hydrocarbons – capex spend set to accelerate

- ▶ Growth in capex spend over next 1 to 2 years will be driven by QLD
- ▶ WA capex profile is 1 – 2 ahead of QLD

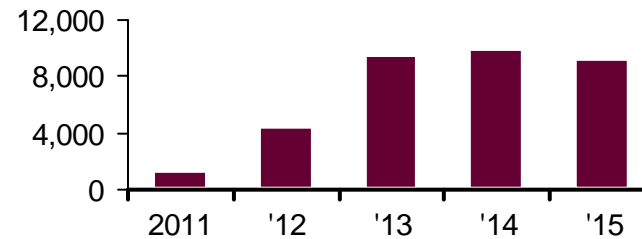
\$m, Value of Work Done, 2008/09 Prices



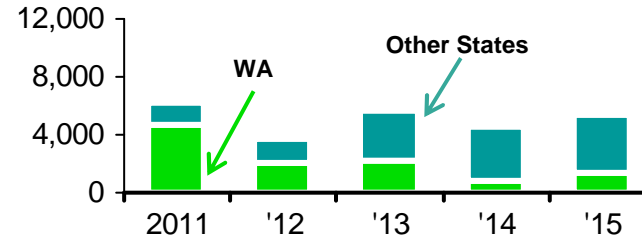
WA LNG Engineering Construction Forecast



QLD LNG/CSG – Engineering Construction Forecast



Other Hydrocarbons Engineering Construction Forecast



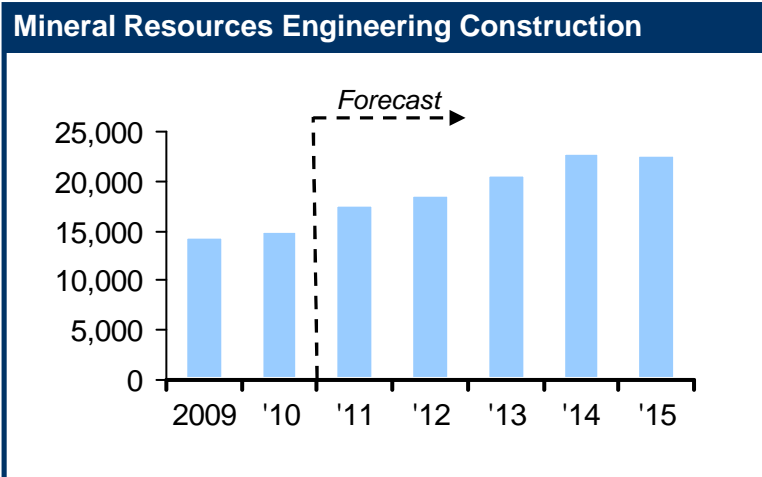
Source: BIS Shrapnel, external research, Transfield Services estimates

Focus on key energy and mining segments

# Resource capex growing from a high base

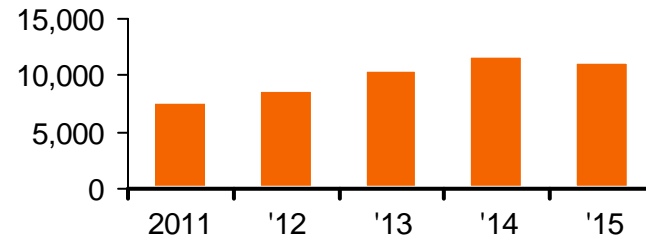
- ▶ Total spend for 2013 – 2015 predicted to be less than for Hydrocarbons
- ▶ Iron ore and Coal capex is at similar levels

\$m, Value of Work Done, 2008/09 Prices

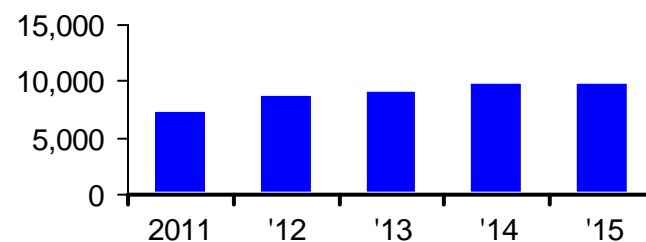


Source: BIS Shrapnel, external research, Transfield Services estimates

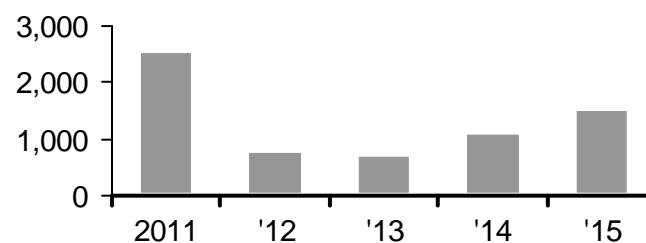
Coal Mining/Coal Handling – Engineering Construction F'Cast



Iron Ore/Other Minerals\* Engineering Construction Forecast



Bauxite/Alumina/Aluminium Engineering Construction Forecast



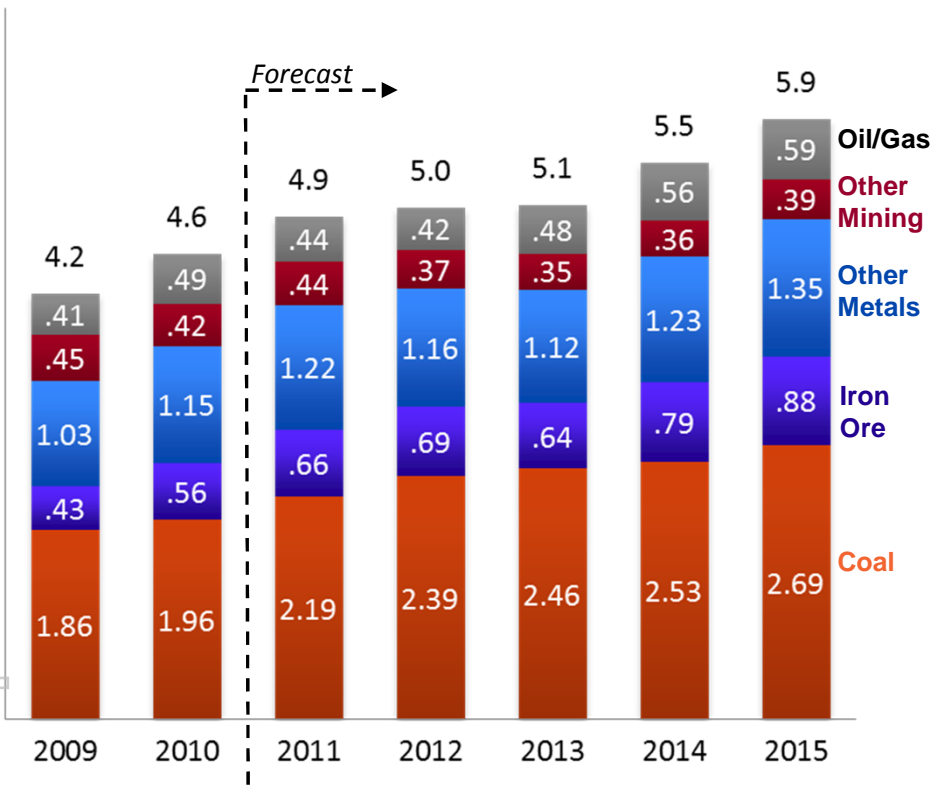
Focus on key energy and mining segments

# Opportunity from growing maintenance spend in Mineral & Energy Sectors



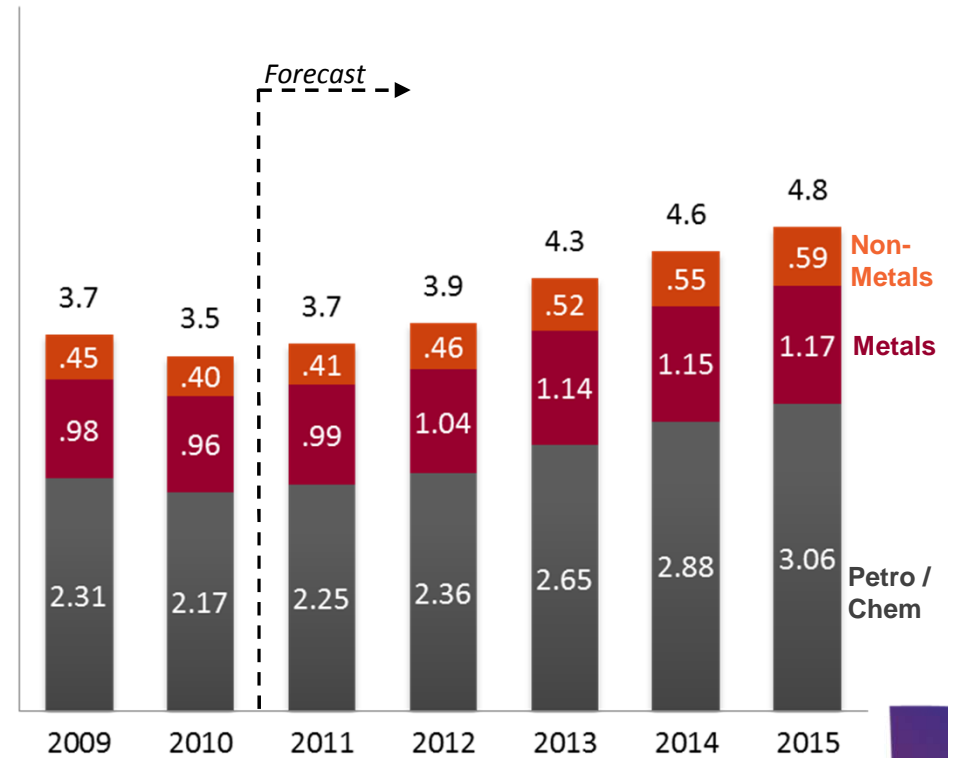
## Mining and Oil/Gas Production Maintenance Spend

Total Maintenance Expenditure Billions \$ (By sub-sector)



## Petroleum/Chemicals, Non-Metals & Metals Processing

Total Maintenance Expenditure Billion \$ (By sub-sector)



Growth forecast in all R &E sectors we service

Source: BIS Shrapnel, Maintenance in Australia 2010-2025, R.Scott Analysis.

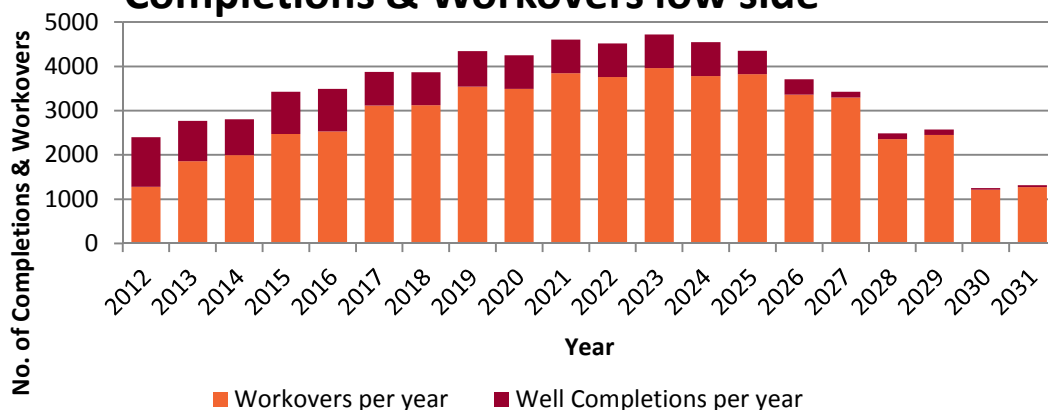
Note: Other Metal Ore Mining includes Copper, Gold and Silver/Lead/Zinc, Nickel and Bauxite. Other Mining includes mining for construction materials.

For personal use only

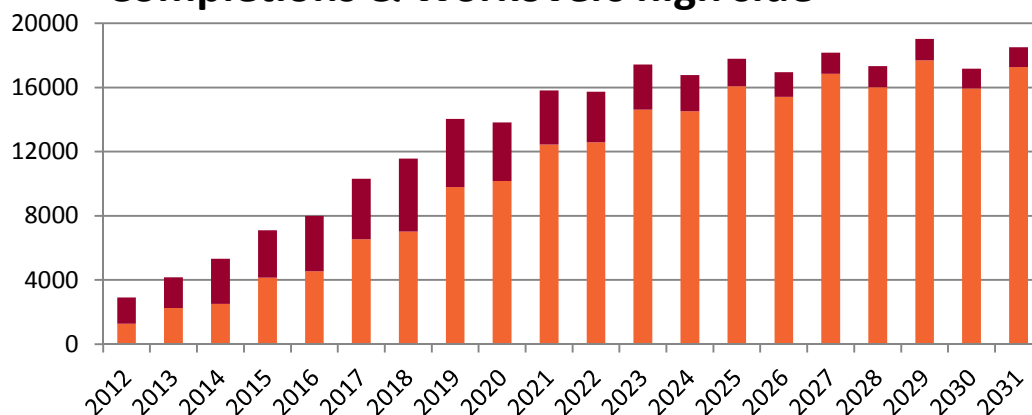
# FORECAST CSG WELL DRILLING & SERVICING DEMAND

For personal use only

## Completions & Workovers low side



## Completions & Workovers high side



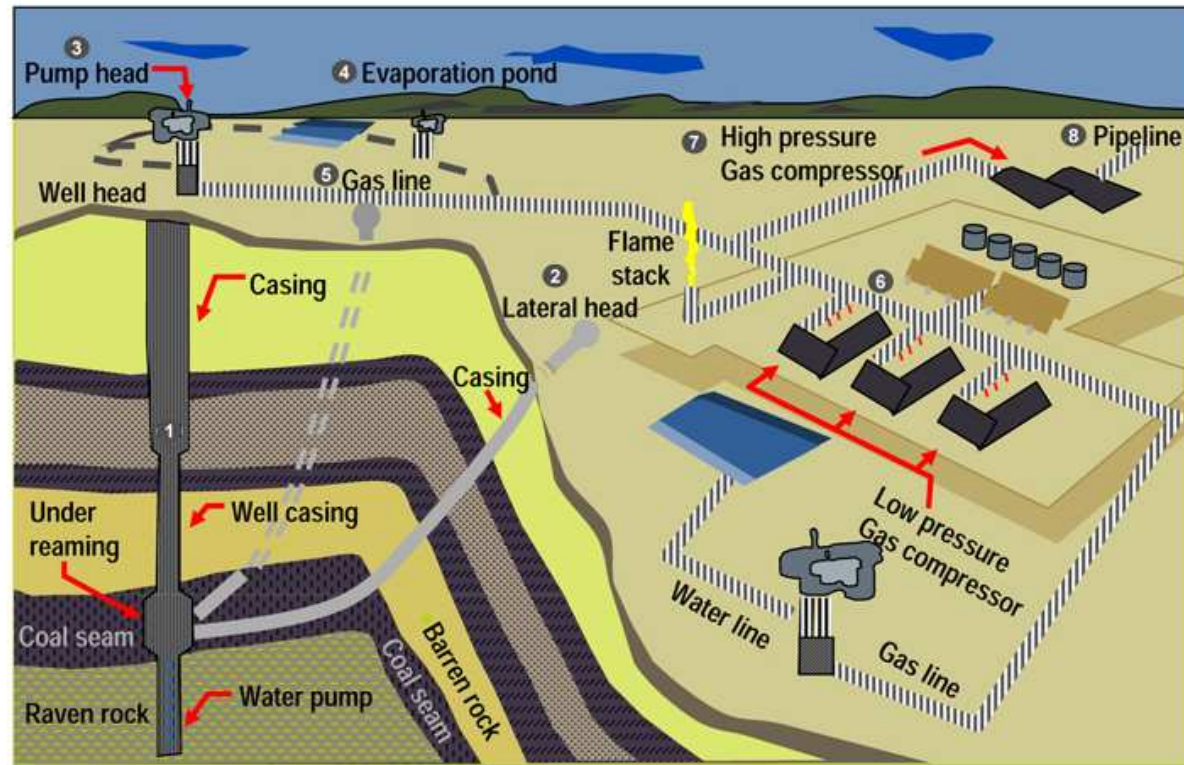
Source: Transfield Services research

# COAL SEAM GAS OPPORTUNITIES

## Typical coal seam gas project

- 1 Well drilling
- 2 Horizontal heads and/or fracking
- 3 Well completion
- 4 Water management
- 5 Gathering
- 6 Production
- 7 Compression
- 8 Distribution

Sources: Fox-Davies Capital; CBM Sector Overview Report; January 2007



Transfield Services to offer 'whole of asset life' greenfield solutions for LNG – leveraging track record of services to hydrocarbon sector and by partnering with key players

# WOODSIDE'S KARRATHA LG PLANT

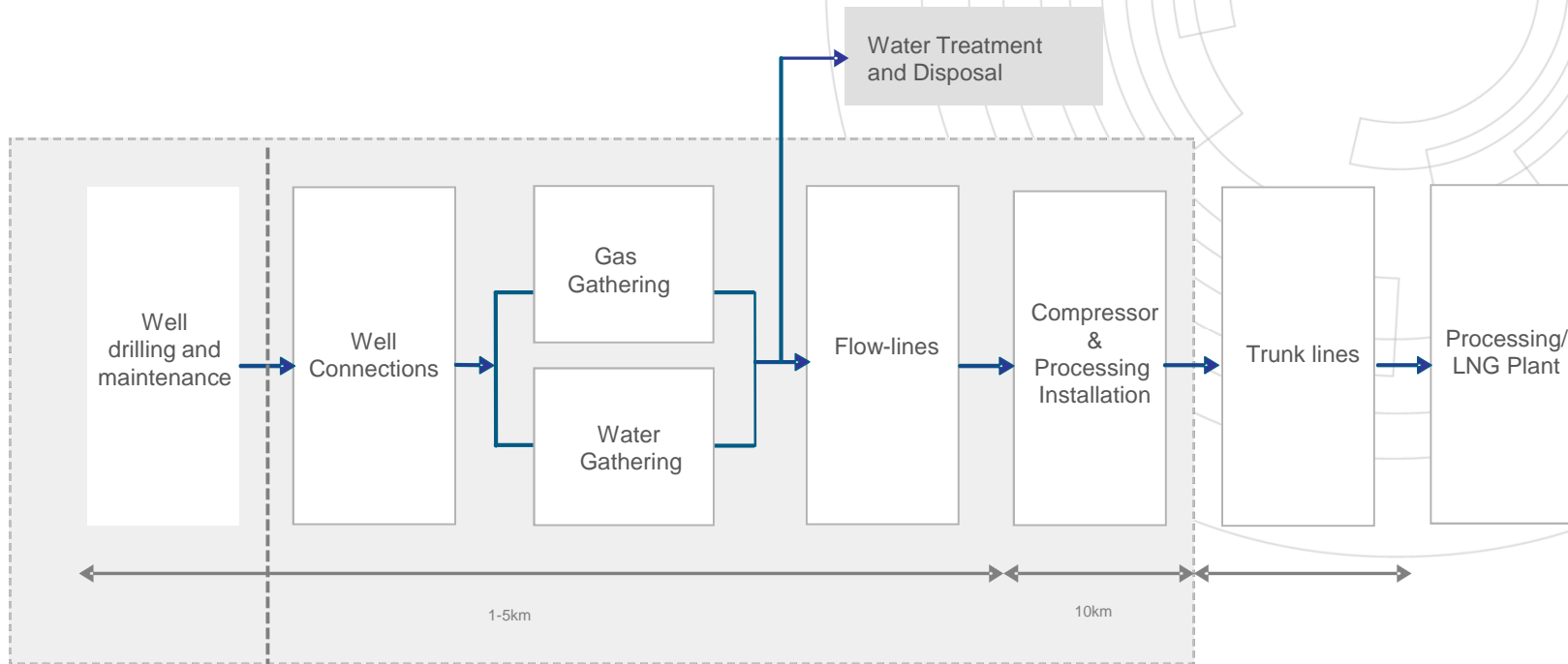


- Existing downstream client of Transfield/Worley joint venture
- Provides significant experience in MMO and shut down work

# SERVICE PROVIDER STREAMLINING



## Service capability across the full value chain



**One service provider**

For personal use only

# WHOLE-OF-LIFE ASSET SOLUTION



For personal use only



For personal use only



# Redefining the outsourcing model

# OPPORTUNITY



Redefining how operators and service providers work together offers significant opportunity to improve the productivity of Australia's oil and gas industry



For personal use only

# NEW PARADIGMS



- ▶ Labour constraints
- ▶ Redefinition of 'core management responsibility'
- ▶ Increased mobility of capital
- ▶ Rationalising of goods and services on a global basis.
- ▶ New technologies allowing greater delegation of risk to third parties
- ▶ Increased service provider capability

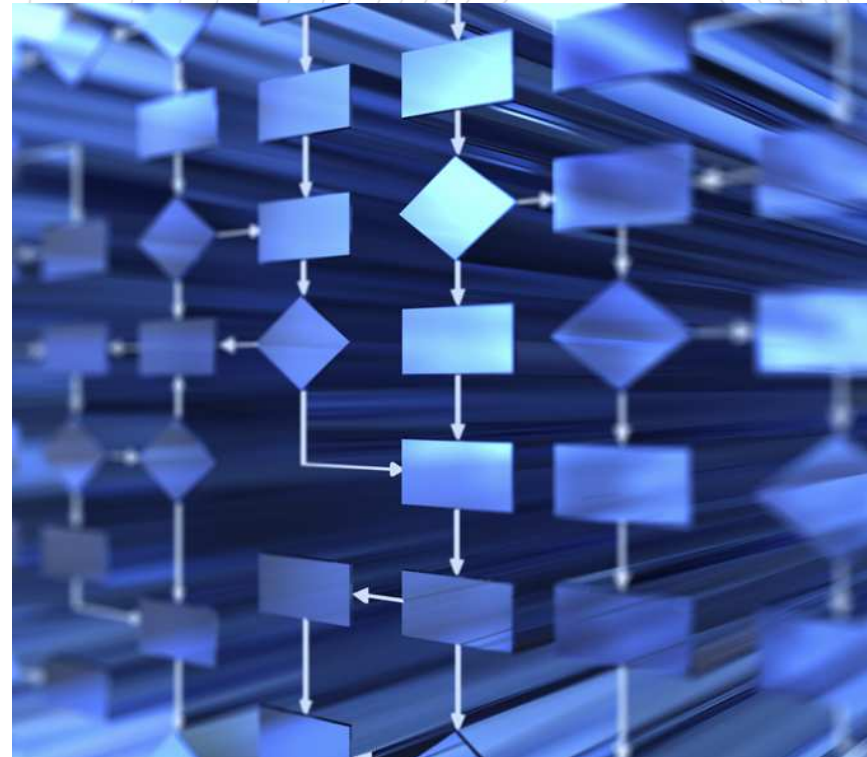


For personal use only

# THE INTEGRATED SERVICES MODEL



- ▶ Goal alignment
- ▶ Role clarity
- ▶ Respect
- ▶ Performance based incentives
- ▶ Site wide resource management
  - ▶ Labour
  - ▶ Equipment
- ▶ Comprehensive forecasting
- ▶ Clear delivery strategies



For personal use only

*“We integrate very closely with our service providers. We can’t afford to have checkers checking checkers.”*

Glenn Henson – ExxonMobil’s former Australia and New Zealand Refining Manager

# Construction & Maintenance Services (CMS) Contract for Santos



For personal use only

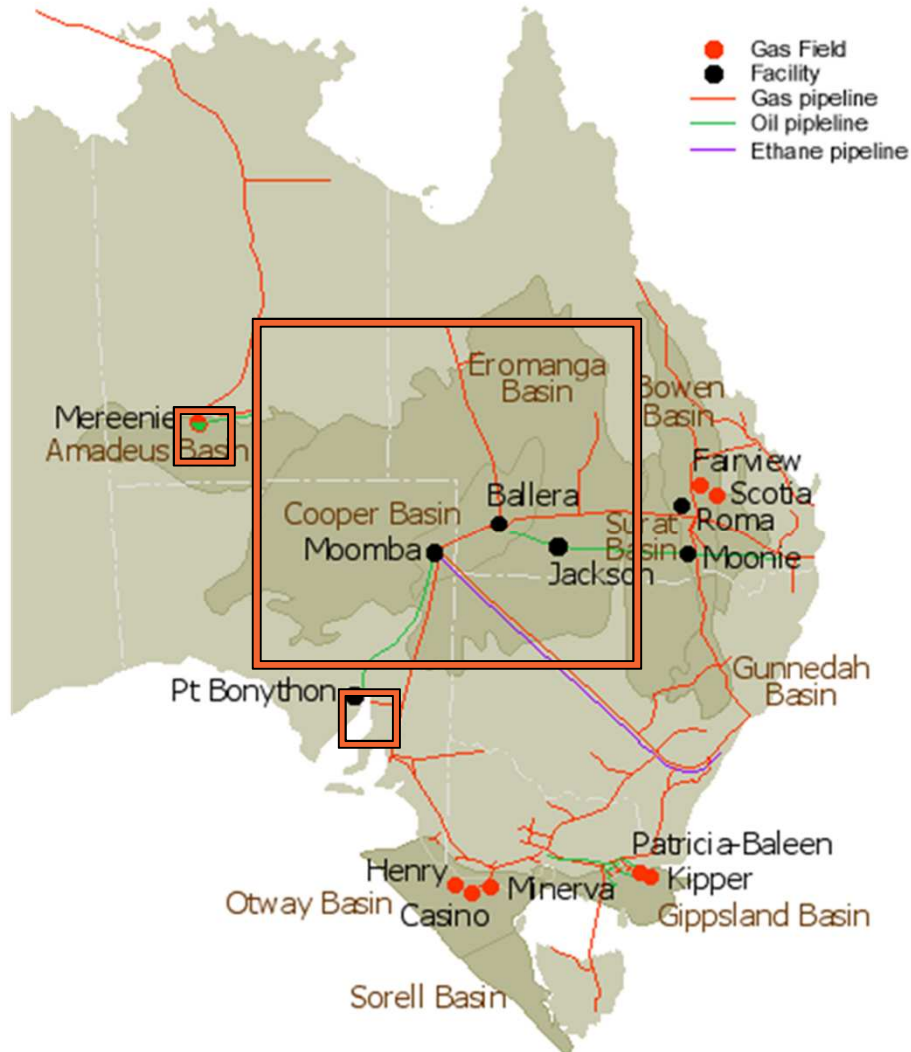
# Key changes under the CMS contract



- ▶ **New performance based contracts**
  - ▶ Construction & Maintenance Services Contract
  - ▶ Engineering Panel
- ▶ Simplification of costs reimbursement with risk sharing
- ▶ Establishment of single consolidated Cooper Basin Resource Schedule
  - ▶ Improved resource management and cross utilisation
  - ▶ Visibility by business of all work within Cooper Basin
- ▶ **Dedicated Contract Management Team**
  - ▶ Supporting business in contract management
- ▶ **Establishment of a Centralised Resource Management Hub**
  - ▶ Improved Plant & Equipment and shared services management
  - ▶ Improved material management and focus on Quality

For personal use only

# Scope of CMS contract



## ▶ Where will the CMS operate

- ▶ Cooper and Eromanga Basins
- ▶ Port Bonython (as required)
- ▶ Mereenie (as required)

## ▶ CMS scope of work

- ▶ Maintenance support
- ▶ Tank repairs
- ▶ PAMS support
- ▶ Maintenance campaigns
- ▶ Brownfield project construction
- ▶ Flow line and connections construction
- ▶ Provision of shared services
- ▶ Industrial services



# Scope of CMS contract



## Scope of services provided by the CMS contract includes:

- ▶ mechanical (fitting and turning);
- ▶ electrical, including high voltage systems;
- ▶ instrumentation;
- ▶ quality assurance and quality control;
- ▶ welding / boiler making
- ▶ on site and offsite fabrication;
- ▶ sheet metal fabrication/insulation and lagging;
- ▶ lubrication;
- ▶ blasting and protective coating applications;
- ▶ minor building maintenance;
- ▶ fencing;
- ▶ scaffolding;
- ▶ crange and rigging;
- ▶ mobile equipment operators;
- ▶ water treatment;
- ▶ condition monitoring;
- ▶ vibration, thermography and lube oil analysis;
- ▶ Plant & Equipment management;
- ▶ machining services;
- ▶ in service valve and pipeline routine maintenance;
- ▶ lifting equipment inspections (fixed and mobile);
- ▶ dam lining installation;
- ▶ surveying and measurement;
- ▶ hazardous waste management;
- ▶ industrial services including Vac Truck operation, hydro jetting, pressure cleaning;
- ▶ mercury, vanadium, benzene and asbestos removal and transportation to the Company's nominated facilities;
- ▶ flange and pressure vessel maintenance services, including machining, heat treatment, leak seal tapping;
- ▶ hydrostatic test services; and
- ▶ catalyst replacement.

## Glossary

---

- **CSG**
  - Coal Seam Gas
- **LNG**
  - Liquefied Natural Gas
- **CMS**
  - Construction Maintenance and Services contract, between Santos and Transfield Services
- **MMO**
  - Maintenance, Modification and Operation
- **O & M**
  - Operation and maintenance

For personal use only



# Thank you

## Q & A