WA Iron Ore Projects

COMPleted in FAcT year

Rio Tinto

Chapel Hill
$1.55bn
Gingin Dam mine commissioned in June, lifting the group's capacity to 55mt.

Power generation
US$85m
New 240 megawatt gas fired power station at Damper commissioned during H1 of 2010.

BC Iron / RNG

Nallungile mine
$21m
Mining commenced 2010, working towards production of 3mta by late 2011 and 5mta by June 2012.

Underway

BHP Billiton

Rapid Growth Project 5
US$53.8bn
Project is 98% complete, first production has been achieved and ramp up is underway.

Jimblebar mine expansion
US$4.6bn
Increase in capacity to 350mt by 2014 with increased inventory development opportunities to 550mta.

Port Hedland inner harbour expansion
US$2.0bn
Increases inner harbour capacity to 200mt by late 2012 with de- bottlenecking opportunities to 240mta.

Port Hedland and Rail Yard
US$1.6bn
Targeted for late 2014 completion, the project improves supply chain efficiency.

Cape Lambert port expansion
US$899m
Project commences early 2010, 10 mtph capacity to be added.

Halls Creek 4 mine
US$2.3bn
First production is scheduled for 2013 with the aim to reach 15mtph.

Dampier Port de- bottlenecking
US$284m
Port capacity will be raised by 5mtph by early 2012.

Pilbara infrastructure expansion
US$3.7bn
The expansion will increase infrastructure capacity by 530mta to 2830mta.

Brookmanna and Western Turner Synthe mines
US$3.4bn
Capacity of mines is being expanded to 45mtph and 15mtph respectively, by the end of 2013.

Maitland mine expansion
US$1.2bn
The mine will be extended to 15 mtph by 2013.

330mta - early works
US$767m
Project to fund engineering work for Cape Lambert port and rail upgrades, allowing 330mta of ore to reach the rail in 2015.

TILS expansion
US$4.6bn
Capacity at Port Hedland and rail network lifted by 130mt to 1550mt by Dec 2012.

Carpenter Range
US$1.8bn
Capacity of Cudicoland and Pilchuck mines lifted to 10mtph.

Swan Hill
US$1.9bn
Port Hedland Port expansion
US$0.2m
First iron ore shipment is via Geographe expected later this year, full capacity of 3mt.

Citron Pacific

Sierra Leone
US$0.5bn
Australias first Chinese owned iron ore mine is expected to start production early 2012 at 2mt of magnetite concentrate per year.

Karan Mining

Keara project stage 1
US$0.7bn
Integrated mining and rail project will produce 5mt of magnetite concentrate, starting June 2012.

Citron Resources

Koolyong iron
US$0.2bn
Opened in mid 2011; new project to commence early 2010, starting 2.5mtpa and increasing to 4.4mtpa, exports via Keurine.

Mineral Resources

Dalrymple Bay
US$20m
First iron ore shipments are via Geographe expected later this year, full capacity of 3mt.

Atlas Iron

12 Advanced

Rio Tinto

Cape Lambert
n/a
Output to double to 13mtph in 2013, by expanding Wrangell and developing Rhoda and Mt Webster mines.

PA / Aquis Resources

West Pilbara
US$0.5bn
Integrated mine, rail and port (Oker Point) project targeting output of 30mt. DFS due for release in Aug-Sep.

BHP

250mta tonnage expansion
US$1.9bn
Fixed cost continues on further 15mtpa in capacity, including new rail lines and what port at Koolkoot Point.

Brockman
US$1.9bn
SIFS due in Q4 2011. Project to produce 1.85mtpa, for export via Port Hedland. Rail access is key issue.

Dundee West Infrastructure
US$2.7bn
Proposed new mine, at Port Hedland with 50mta DFS due Q2 2011.

OPR

Oakdale port and rail
US$5.9bn
DFS studies completed for 450mta port and port development; formal agreement subject to agreement with host nation.

Karan Mining

Keara project stage 2
n/a
Scoping studies underway on doubling of output to 10mtph.

Extension Hill

Extension Hill
US$2.4bn
Planned output of 10mt of magnetite concentrate, first shipments by end of 2013, using skirpy pipeline to Geographe.

Cossata

Jigging System 2
US$0.7bn
DFS studies completed, targeted output of 3mta, using proposed Geographe port. First shipping began for 2015.

Southwest MIddle

Weld Range
US$0.2bn
Project scheduled in June 2011, subject to Oakdale port negotiations. Proposed output was 15mtph.

Grange Resources

Southdown
US$2.6bn
Funding of DFS approved in June; project includes mine and concentrator with output of 10mta, export via Albany.

SouThern PotaNTial

Rio Tinto

Cape Lambert
n/a
Cape Lambert has potential for further 150mta exports.

BHP

Port Hedland outer harbour
n/a
Environmental review documents released for outer harbour development; not officially costed.

Peabody

355 tonnage expansion
n/a
Company is evaluating options for further growth.

Jupiter Mines

Mt Ida (magmatische)
US$1.6bn
Feasibility study initiated in July, results due late 2012. Project to produce 12mt of magnetite concentrates, for export to Europe.

MZO Mining

Mt Ida (magnetite)
US$0.8bn
Pending approval from EPA. Likely to be purchased in 2012.

Atlas Iron

Rio Tinto
US$2.8bn
New iron ore operations at Pilbara port.

Golder West Resources

Yilgarn West
n/a
To produce 10.8mt of magnetite, low grade iron.

Yilgarn Iron

Yilgarn Iron
US$70m
To produce 7mt of pig iron.

Carnot Resources

Carnot Resources
n/a
Targeting 5mtpa starter project, via experience, potential for much larger project.

Wimmera

Rodersyde project
n/a
Drilling continues to expand resource. Scoping study underway.

Koolyanobbing

Mount Koolyanobbing
n/a
Drilling continues to expand resource.

Photon

Irvine Island
US$700m
Pre-feasibility study completed June 2011; Chinese partner Tian oleh has invested in project.

Radar iron

Diu Hills
US$930m
Scoping study supporting further work on 2mt or 10mt magnetite developments.

WA Mining and Mineral-Processing Projects

Completed in PAST year

Lynas Corp

Mt Wellie Rare Earths
$230m
Commissioning of concentrate plant commenced in May, ramping progressing well.

Screen Areas

Spencer Range nickel mine
$160m
Mineralisation located around 75,125 tonnes of nickel.

Gobal Resources

Mt Cattlin lithium mine
$75m
Spodumene concentrate production underway and up 25 per cent from July, ramp up continues.

Twist

Vialmo pigment plant
n/a
Expansion completed in October 2010.

Unlikely

BHP Billiton

Worley Parsons expansion
US$73m
Project review completed in June, production now scheduled for 2012.

Rio Tinto

Argyle diamond mine
US$1.1bn
Underground development to extend mine (Feb 2010) to be fully operational in 2013.

Arg Mileage Independence JV

Tropicana gold mine
US$90m
Development approved in Nov 2013, production to start in Dec 2013. Annual gold production to average 560,000 oz.

Altona

Windarra Vannum
US$50m
Construction underway, to begin production in 2014.

Fastmarche Resources

Raynham mine
$38m
Raynham iron mine expansion
$20m
Fast-Tracking underway, ramping up to production by the end of 2011.

Regis Resources

Garden Well gold mine
US$3m
Board approved development in June, production to start Sep 2012. Annual gold production to be 180,000oz.

Sirona

Keroman silicon metal plant expansion
$10m
Third furnace under construction to produce another 16,000tpm of high grade silicon and 4000tpm of silica.

Takamine Lithium

Greensbushes expansion
$65m
Expansion program on schedule, expects commissioning calendar Q2 2012.

Likely to Proceed

Pasminco

Durania area project
$6m
Project delayed, currently litigation with coal supplier Lanco Infratech in June.

Westermans CSIP

Ammonia nitrate plant expansion
$50m
Company has approved purchase of long lived assets, final decision due in H1 2012.

Moly Metals

Spencer Gulf nickel sulphide mine
$60m
Construction of US$940m of finance debt facilities has commenced.

Two Energy

Wiluna uranium mine
$27m
Has entered the public exhibition phase of its Environmental Review and Management Program.

Long-Term Potential

Kalgoorlie

Adani
$957m
Preliminary study completed, to lead iron mine.

Yara International

Barrup Nolites
US$65m
Construction of ammonium nitrate plant delayed due to uncertainty surrounding joint venture partner Barrup Holdings.

Red Resources

Burrumbine uranium
$40m
Feasibility study of thermal plant at W noodles (P.I.J), currently in the approval process, production forecast for 3rd Dec.

Gunson Resources

Colbin uranium
$16m
Feasibility study completed.

Venturex Resources

Pilbara VNF project
$12m
Bankable feasibility study into copper / zinc project underway.

Tetra Minerals

Phillips River
US$1m
Feasibility study completed, for copper / gold project.

Ray Resources

Corwin Basini coal
$11m
Feasibility study to thermal plant in early 2012.

Mega Uranium

Lake Miall project
US$38m
Feasibility study underway.

BHP Billiton

Yalluru uranium
TBD
Environmental Review Management Program deferred earlier this year.

Carnotic

Keroman uranium
TBD
Environmental Review Management Program to be submitted in ER in next 12 months.

NPS = million tonnes per annum | DFS = definitive feasibility study | BFS = bankable feasibility study | Source: Company reports, AMRPS