

QTC INVESTOR CONFERENCE

Resources: the foundation of Queensland's diverse economy

21 October 2016 Port Douglas

Michael Roche Chief Executive





WHAT IS THE QRC?

QRC is a **not-for-profit peak industry association** representing the commercial developers of Queensland's minerals and energy resources. We have:

- **71 full members** explorers, miners, mineral processors, site contractors, oil and gas producers, electricity generators
- 138 service and associate members the providers of goods or services to the sector

QRC is a multi-commodity, state-based advocacy body

THE WORLD WANTS OUR RESOURCES

Queensland is the:

- #1 source of traded coking coal
- Lead #2 in the world
- Zinc #3 in world
- Silver #6 in the world
- Bauxite #6 in the world
- Copper #12 in the world (#1 in Australia)
- Australia (with Qld CSG) world's #2 LNG exporter; potential #1 by 2020
- Uranium production potential

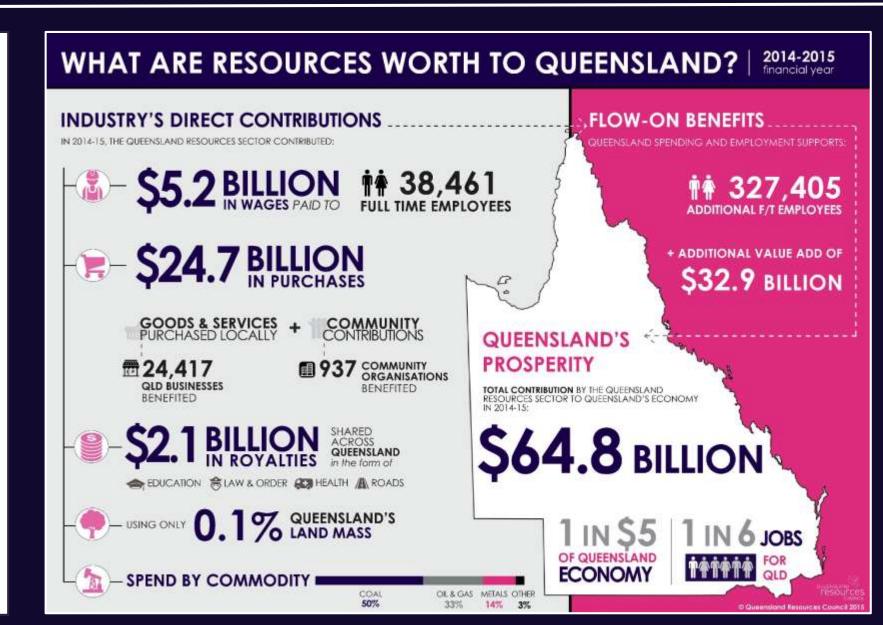


RESOURCE CONTRIBUTIONS TO QUEENSLAND

1 IN \$5 OF QUEENSLAND ECONOMY



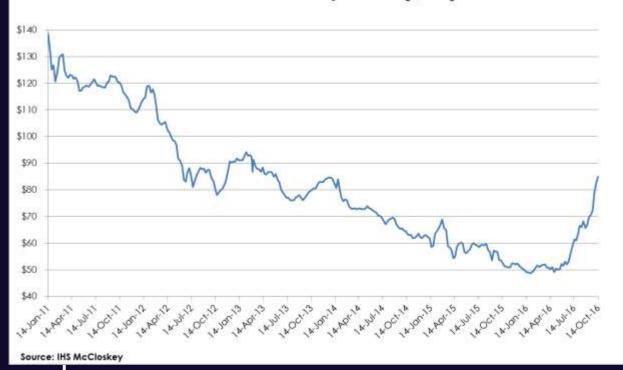


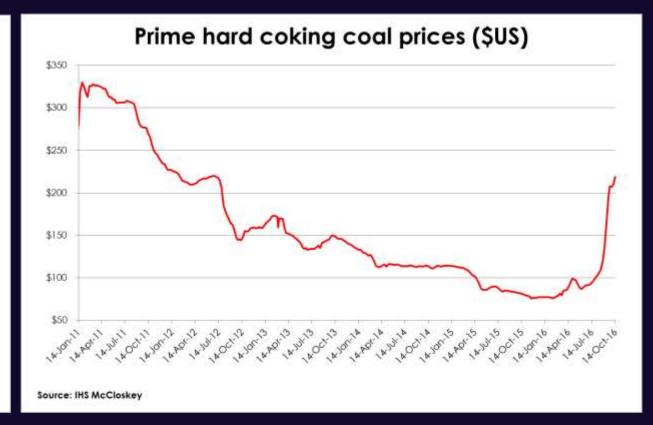




COAL PRICES STRONG REBOUND

Thermal coal prices (\$US)

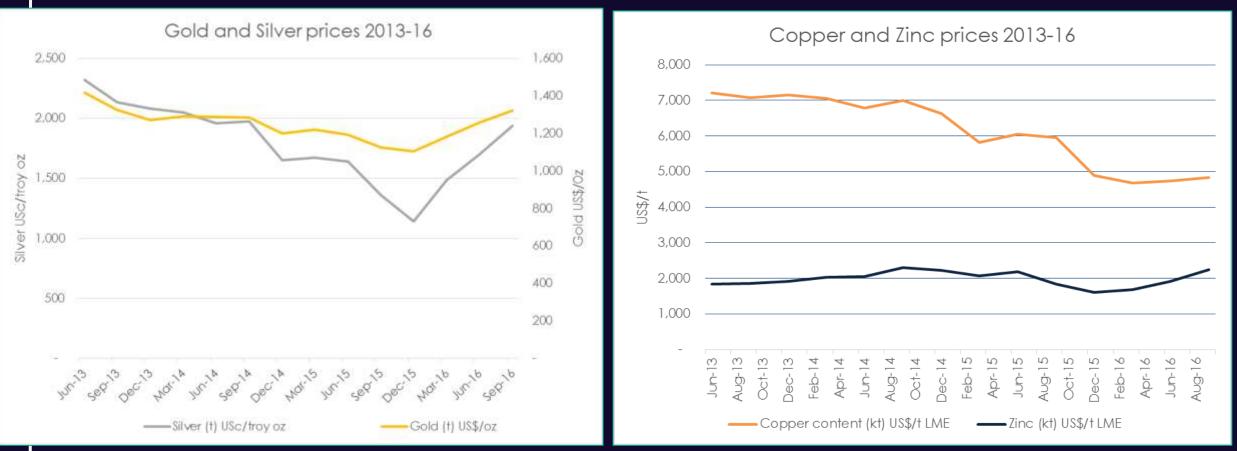




Source: Reserve Bank of Australia



METALS PRICES HAVE BOTTOMED



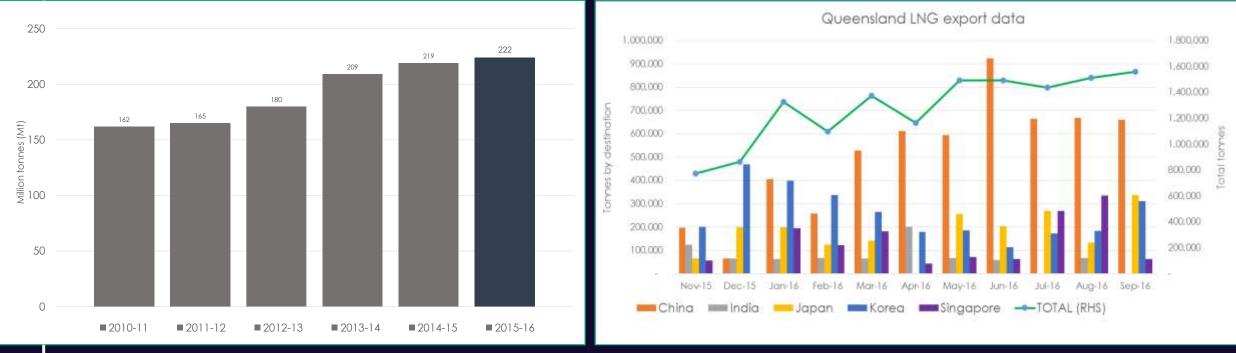
'We expect ongoing increases in global living standards over the longer term, with urbanisation, industrialisation and pro-trade liberalisation to underpin commodity demand. The development trajectory of emerging economies in Asia should provide particular support for industrial metals and energy' BHP Annual Report 2016

Source: Office of the Chief Economist



STRONG EXPORT VOLUMES COAL & LNG

Source: QRC & GPCL



- Australia's coal exports are expected to grow by 36.7 percent by 2040, with 45% of the growth in coking coal
- Gas is the fastest growing fossil fuel with production increases of as much as 47% and 160% growth in Asia.

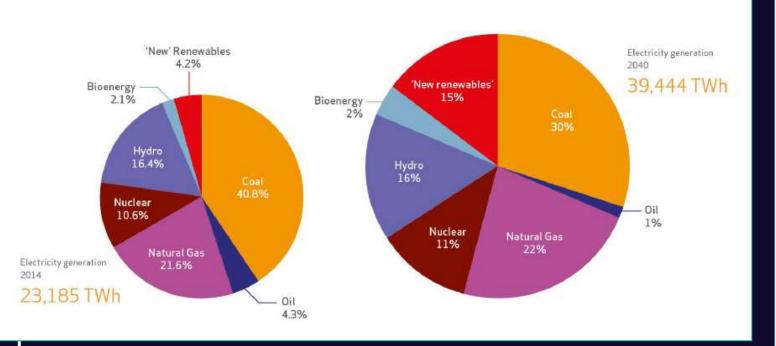
Source: WEO 2015



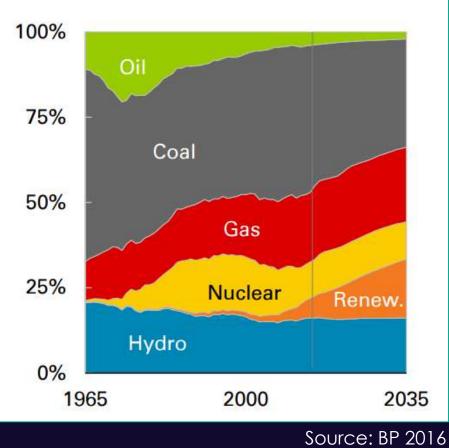
GLOBAL FUEL MIX & INPUTS TO POWER

Global electricity mix

Primary inputs to power



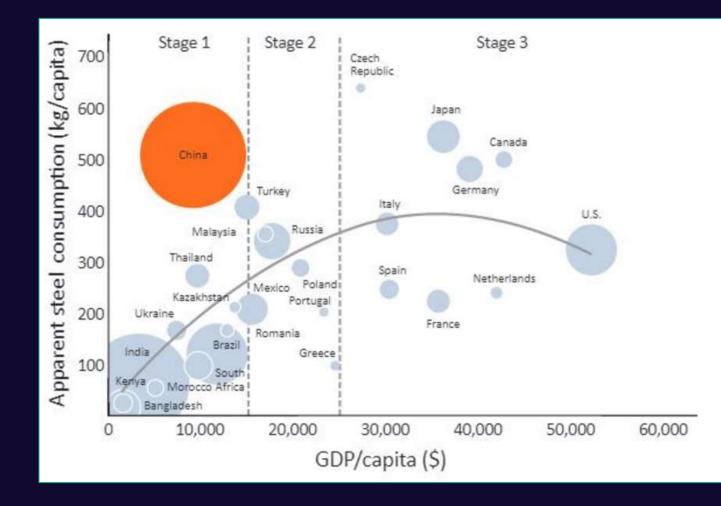
Source: IEA WEO 2015





STEEL CONSUMPTION

URBANISATION AND INDUSTRIALISATION DRIVES INCREASED STEEL CONSUMPTION



'The long-term outlook remains robust, as the supply of premium hard coking coal becomes scarce and demand is driven by steel production growth in emerging markets, particularly India' BHP Annual Report 2016

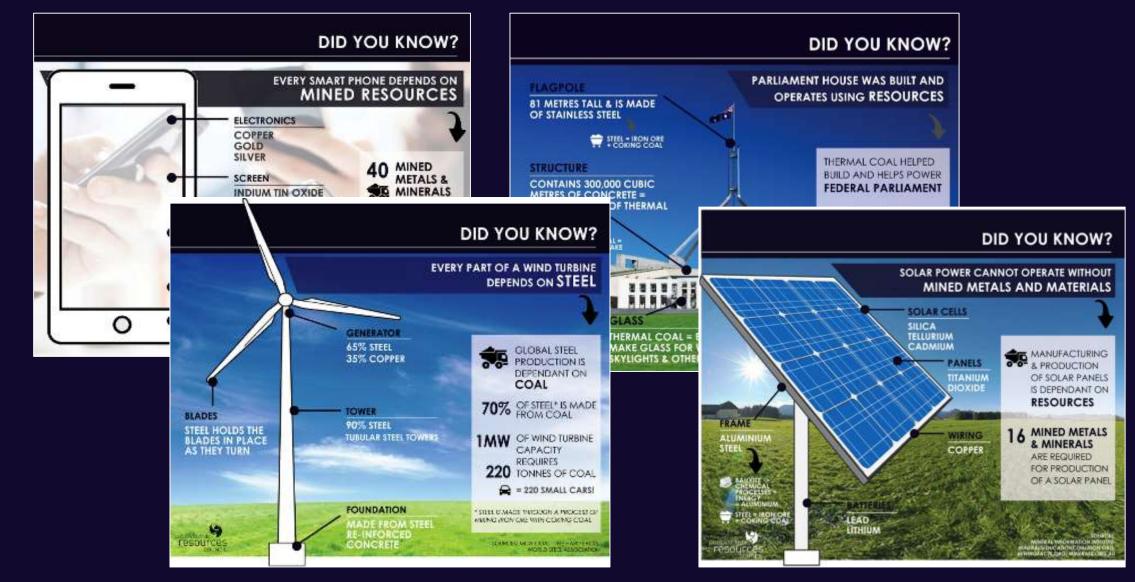
Source: BP 2016

REEF 2050 PLAN: RAISING THE ENVIRONMENTAL BAR

- Most Queensland resource exports use ports adjacent to Great Barrier Reef (GBR)
- Ban on capital dredge material disposal in GBR World Heritage Area
- Indefinite restriction of capital dredging to just 4 existing priority ports greenfield areas off-limits
- Shipping uses deep, wide and naturally-occurring **reef channels managed 24/7** via world leading, reef-wide REEFVTS ship tracking system.
- One shipping incident in REEFVTS coverage zone in more than 10 years
- By 2020 just **8 coal and LNG ships a day** visiting ports in GBR zone plus another 8 ships a day carrying grain, sugar, beef, tourism & imports
- Industry-initiated, award winning **ship and crew vetting system** (RightShip)
- Resource companies providing substantial financial and in-kind investments in contributions to GBR research, protection and recovery programs



DID YOU KNOW?





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