



Melbourne Mining Club
Cutting Edge
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Arable land per capita is likely to fall by almost one quarter between 2000 and 2030 while demand for food will increase by one half.

As a result, the demands of food supply must be met through higher yields from existing arable land, putting more strain on soils.

Greater application of nutrients in the form of mineral and chemical fertilisers, will be a key means of achieving the necessary yields

- ASX listed developer of Australian fertiliser mineral projects. (Verdant Minerals - ASX:VRM)
- Focussed on developing the long life, low cost Ammaroo phosphate project:
 - Australia's largest phosphate JORC resource
 - Low strip ratio, low cost mining and beneficiation operation
 - Located in Northern Territory of Australia close to rail, road and gas infrastructure
 - Advantaged access to key Asian markets through the port of Darwin
 - Granted major project status by the Northern Territory Government
- Advanced Project - Bankable Feasibility Study (BFS) and Environmental Impact Statement (EIS) for phosphate rock concentrate production by end of 2017/early 2018
- Strong global thematic supports phosphate and fertiliser demand
- Portfolio of Sulphate of Potash projects to round out fertiliser mineral portfolio
- Long term support of major shareholder Washington H Soul Pattinson
- Fully funded (\$8.3m at 31 March 17) to deliver BFS and EIS for Ammaroo Phosphate project
- Restructured Board combining fertiliser industry and project development expertise

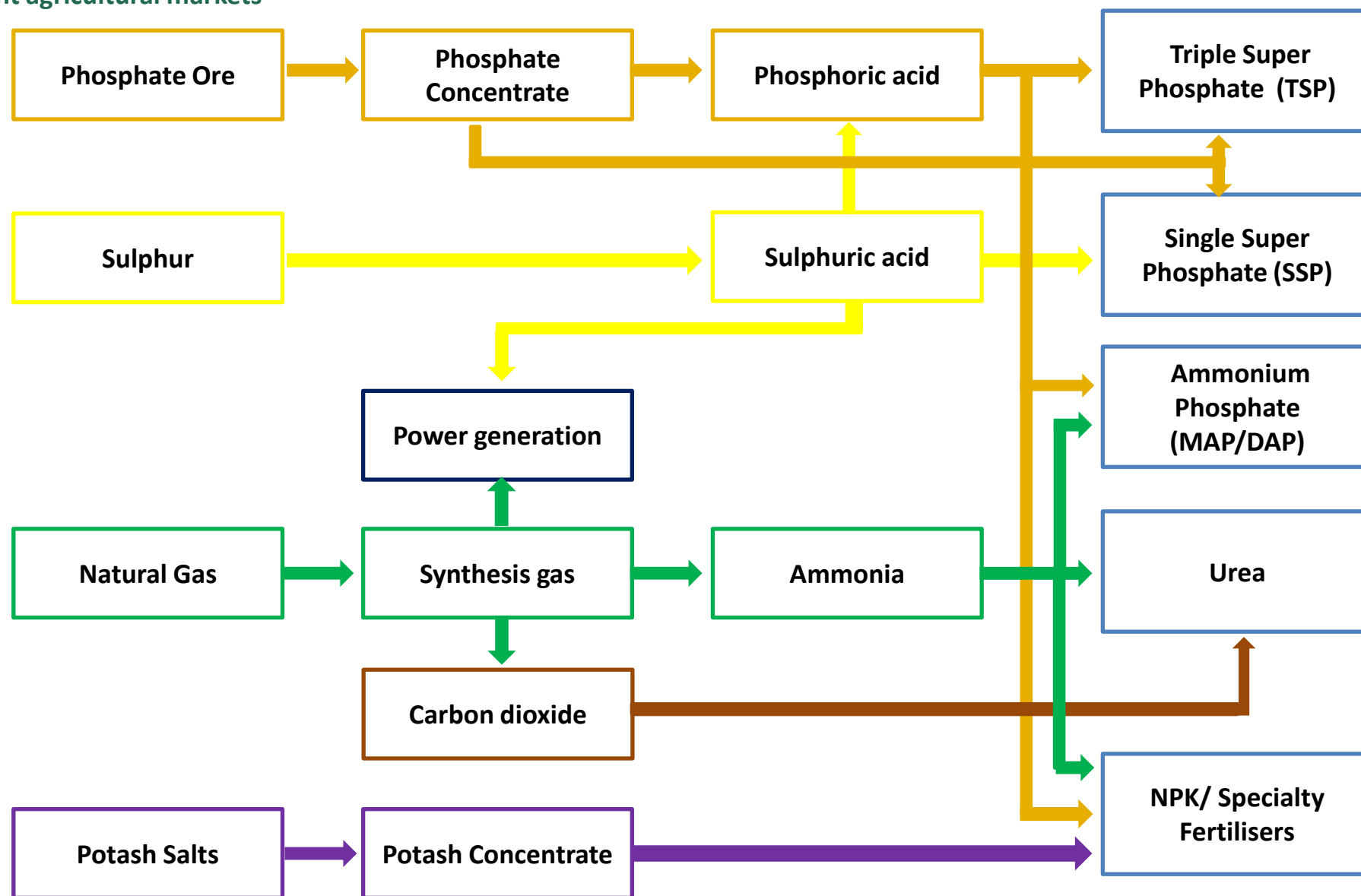
Why Develop Northern Australian Phosphates? – Key Strategic Themes



- Leverage regional demand growth and opportunity for supply substitution and supply security in nearby and growing Asian, Australian, east African and west Latin American markets
- The Georgina Basin, a dry ancient inland sea in Northern Australia, could become a globally significant phosphate province with further exploration of which there is significant potential
- Existing back bone of under-utilised rail, port and gas infrastructure
- Australia is leading the world in mining and processing innovation, automation and remote operations management which creates opportunity to develop low cost operations
- Advantage from low geopolitical risk and proximity to markets compared to traditional suppliers
- Availability of gas, phosphate rock and potassium brine resources in the Northern Territory creates the medium term opportunity for value chain integration from raw materials to value added and speciality fertilisers across the NP&K spectrum. Could be attractive to fertiliser majors in time

The Fertiliser Value Chain

The Northern Territory of Australia is one of the few parts of the world where these fertiliser ingredients, with the exception of sulphur, are available within close proximity and with competitive access to a number of significant agricultural markets



Corporate Video

See video at www.verdantminerals.com.au

THE AMMAROO PHOSPHATE PROJECT



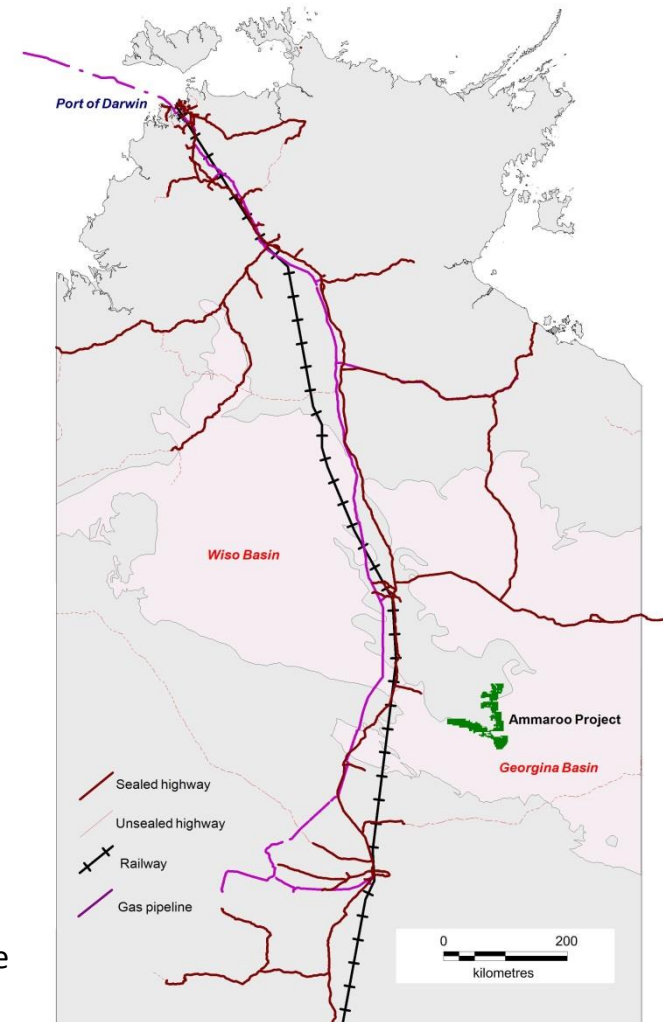
Ammaroo Phosphate Project overview

The Ammaroo Phosphate Project is the largest JORC compliant rock phosphate resource in Australia

Overview of the Ammaroo Phosphate project

- Bankable feasibility study, environmental approvals process and native title negotiations underway to develop a 2 million tonne per annum phosphate rock concentrate production operation. Staged development planned in 1 million tonne increments
- Project development capital target for BFS for mine, beneficiation plant and associated mine site infrastructure <A\$200m (US\$150m) per 1 million tonnes of concentrate production. Additional A\$120m (US\$88) being sought from a Federal Government Northern Australian Development Infrastructure Fund for a 90km rail spur
- Site operating cost target <US\$30 per tonne loaded on the train. FOB port of Darwin cost target <US\$60 per tonne
- Resource is largely shallow, free digging, moderate grade phosphate ore resulting in very low mining costs. Easily beneficiated to a 32% plus market standard rock concentrate at a relatively low cost
- Processing routes defined using existing and established technology that will minimise risks
- Rock concentrate specifications suit phosphoric acid production markets in India, south east and north east Asia. Shipping advantages from the port of Darwin to key markets
- Assets are strategically located in close proximity to the Amadeus gas pipeline, significant ground water resources and the Central Australian Railway, providing access to export markets through the Port of Darwin, and to domestic markets via existing rail networks

Location of project



Ammaroo Phosphate deposit is a very large, shallow, low strip ratio resource

The projects competitive advantage is derived from its very low mining and beneficiation costs



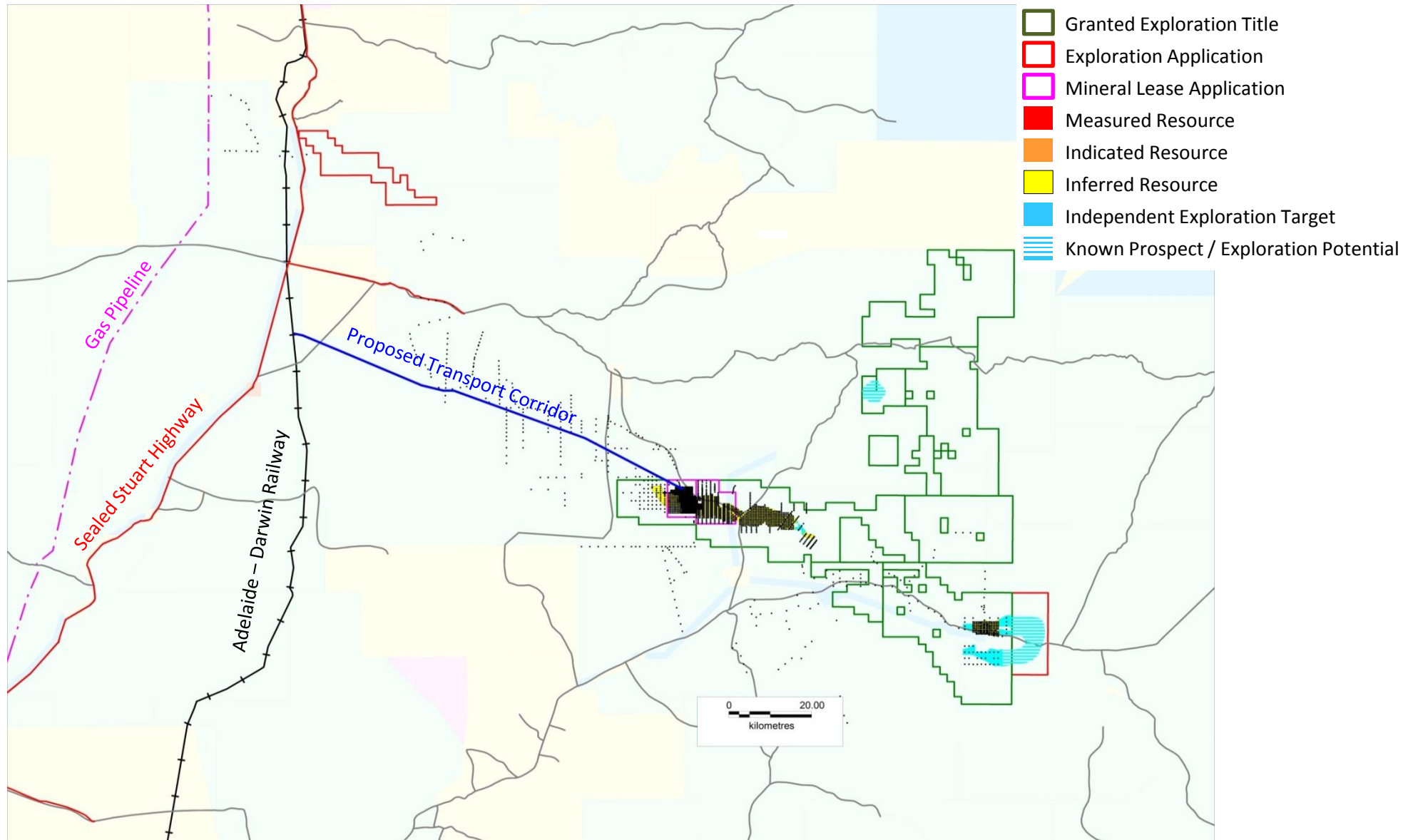
Ammaroo JORC Resource*			
Cut Off P ₂ O ₅ %	Category	Mt	P ₂ O ₅ %
10	Meas.	136	15.4
	Ind.	165	15.5
	Inf.	840	13.0
	Total	1,141	14.0
15	Meas.	61	18.5
	Ind.	72	19.0
	Inf.	200	17.0
	Total	333	18.0

* As announced to the ASX on 15/3/17 no material change since announced.

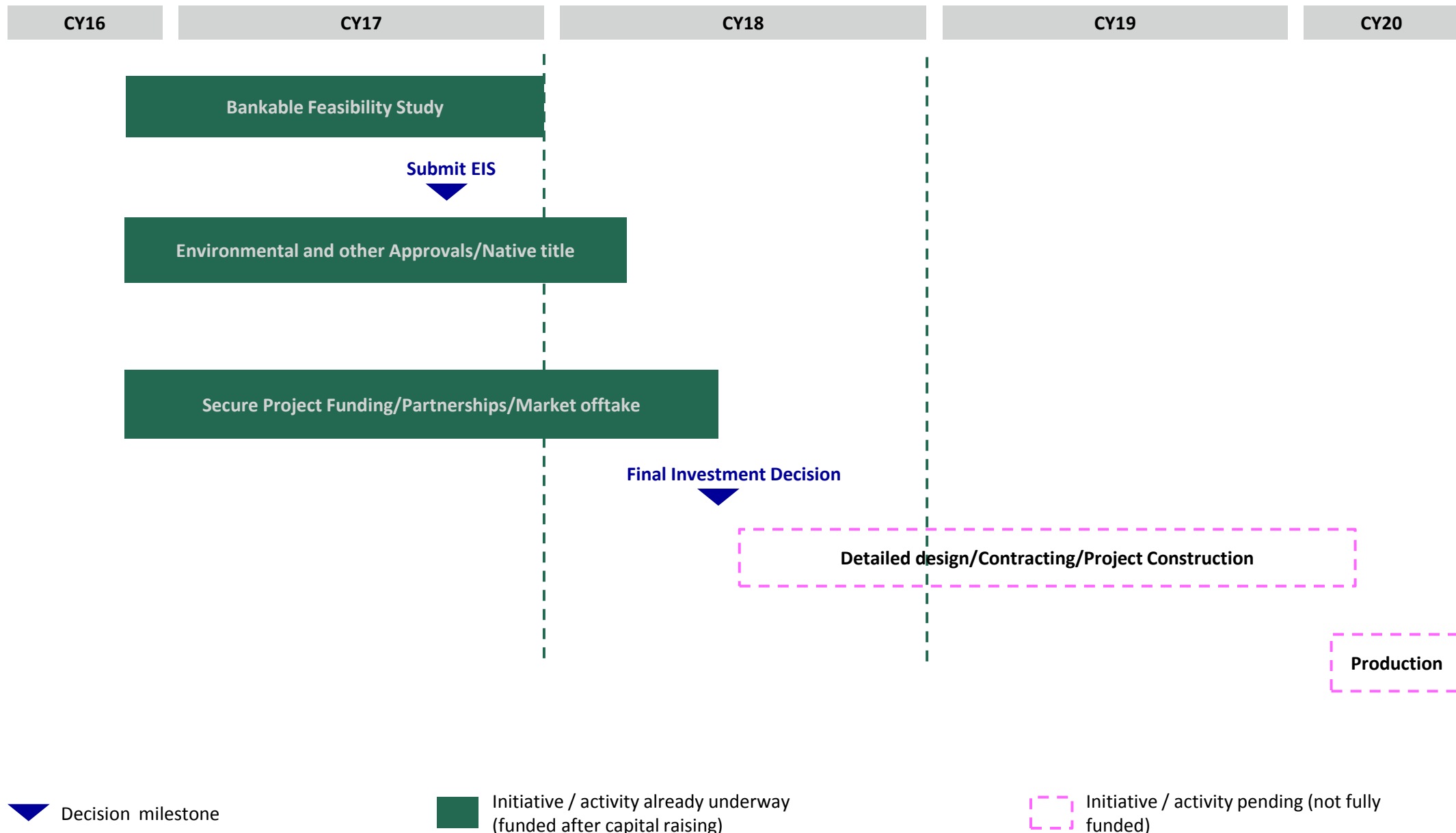


Ammaroo is close to the necessary infrastructure

The Ammaroo Phosphate Project is proximate to existing gas and transport infrastructure, both of which have unutilised capacity



Ammaroo Phosphate Project Development Timeline



- Continued progression of the Ammaroo Phosphate Project:
 - Bankable Feasibility Study. Target completion Q4 2017
 - Environmental Approvals. Target EIS submission August /September 2017
 - Completion of Ammaroo Native Title Agreements
 - Project financing arrangements
 - Establish Heads of Agreement that define required commercial arrangements with rail and port operators
- Continue engagement with the global fertiliser industry with a view of establishing partnerships for financing the project and offtake agreements
- Pursue partnership opportunities to progress the development of the SOP portfolio