

# This is adani™



## Adani's Galilee Projects - Know the Facts

### THE JOURNEY SO FAR

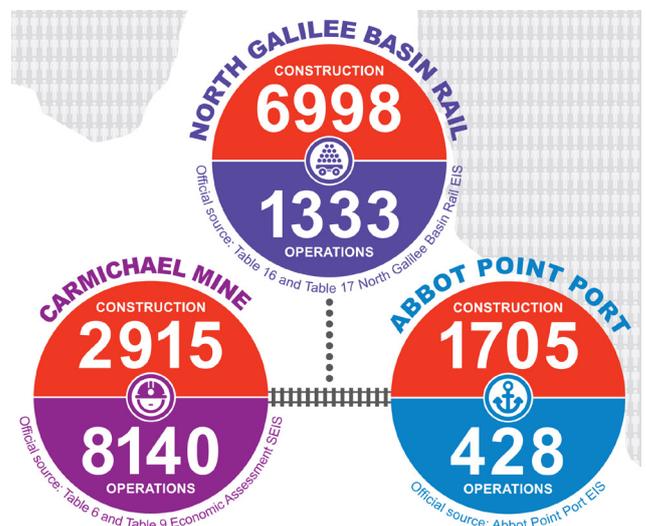
Adani has been building a long-term future with Queensland and Australia since 2010 since the commencement of exploration and approvals and the acquisition of Terminal 1 at Abbot Point Port.

- The Carmichael Coal Project has been granted approvals under seven different Commonwealth and Queensland Acts.
- The various applications for the project have been open for public consultation for a combined total of 347 days.
- Adani does not have any land holder objection to the Carmichael Coal Mine under the Environmental Protection & Biodiversity Act 1994 or Mineral Resources Act 1989.
- Adani holds over 42 environmental and planning approvals for the Carmichael Coal Mine, Rail, Port and supporting infrastructure projects, with over 1,800 strict environmental conditions.
- Queensland Coordinator-General approved the project's rail line into Abbot Point as well as a temporary construction workers' camp in December 2016
- Adani announced the Regional Plan that includes Emerald, Clermont, Moranbah, Collinsville, Charters Towers, Rockhampton, Mackay and Townsville
- Arrium (Whyalla) awarded \$74m contract to supply over 54,000 tonne of railway steel for the North Galilee Basin Rail
- Austrak (Rockhampton) awarded \$82m contract to supply 730,000 concrete sleepers for the North Galilee Basin Rail
- The Adani Townsville Office has been opened
- Downer Mining awarded the contract for the construction and operation of the Carmichael Mine project
- AECOM awarded the contract for the surveying and design of the North Galilee Basin Rail project
- Over \$3.3 billion has been spent to date on the project, in approvals, legal fees, land acquisition, staffing and engineering/design.
- The Adani Group's final investment decision in June 2017 came after nearly eight years of development and stringent approvals, which have been upheld by multiple court cases.

- Acquisitions and approvals already underway to expand Adani's significant solar business into Australia at Rugby Run in Central Queensland and Whyalla in South Australia - the start of a 1500MW portfolio of renewable power plants by 2022.

### DID YOU KNOW?

- Adani is a major energy, port, infrastructure and logistics company operating and building 10 ports including India's largest port at Mundra, 5,000km of transmission infrastructure, a growing thermal and solar energy business and agriculture including India's largest edible oil business.
- As part of its portfolio of renewable energy plants with capacity of over 1000MW, Adani owns and operates the world's largest single-site 650 MW solar plant in Tamil Nadu, India, using the latest solar technology to maximise energy output.
- We also own and operate a world class solar panel manufacturing plant in Mundra, Gujarat and produce 1.2GW of panels every year.
- That's why we are well placed to build a leading renewable energy business in Australia, starting with investments in Rugby Run in Central Queensland and Whyalla, South Australia.



\* direct and indirect jobs at full capacity of 60mtpa.



## CARMICHAEL MINE

- The Carmichael Coal Mine will be the first mine in the Galilee Basin but is putting infrastructure in place for more job creating follow on projects
- The mine's location is approximately 160km north-west of Clermont.
- Coal generated from the mine will be shipped directly to India and used by the Adani Group in their coal-fired power stations - this is a vertically integrated 'pit to- plug' strategy.
- The coal is ideal for the new generation of efficient super critical and ultra supercritical generators being built to provide more efficient and lower emitting power. In conjunction with renewables this more efficient coal will underpin India's obligations to the Paris Climate agreement.
- The project will help bring electricity to 100 million people in India in energy poverty as part of President Modi's strategy to improve their quality of life and provide them with better health, education and employment opportunities.
- The multi-generational Carmichael mine has an estimated 60-year life.
- Over the project's life, both open cut and underground mining will be utilised.
- Around \$22 billion in mining taxes and royalties will be generated by the mine, funding Queensland schools, hospitals, roads and emergency services.
- No landholder objections have been registered over any aspect of the mine's construction or development.

## MULTI USER, OPEN ACCESS STANDARD GAUGE RAIL

- The North Galilee Basin Rail line will be 388 km in length, linking the Carmichael mine site and follow on projects with the Abbot Point terminal.
- The rail line will be Queensland's first standard gauge line, being wider and having more efficient and lower cost load carrying capacity than the old narrow-gauge rail system.
- The rail line's current approved operational capacity will be 100 million tonnes per annum, and at every stage there will be additional capacity to provide lower cost access to other users.
- The rail line will be designed to all Australian standards, with 50 years of flood immunity.
- 36 landholder agreements are in place to cover the rail line's proposed design.
- As primarily an infrastructure company, Adani will build the rail line as multi-user, open access infrastructure to support opening the Galilee Basin. It is the only proposal this advanced, with all approvals and sufficient capacity to open the Galilee.
- Queensland Coordinator-General approved the project's rail line into Abbot Point as well as a temporary construction workers' camp in December 2016.

## DID YOU KNOW?

- *Adani is also an agriculture business feeding millions and now seeking closer ties with the Australian agribusiness sector - investing in Agri-business right here in Australia*
- *In India, Adani's Agricultural Business helps feed a massively growing nation producing edible oils such as sunflower and soya, as well as high protein foods like fresh chickpeas*
- *Adani's controlled atmosphere storage expertise helps its businesses like Agrifresh supply fresh fruit and vegetables and supplies a million cartons of fresh apples each year alone*

## ABBOT POINT PORT

- In May 2011, the Queensland Government entered into a 99-year lease of the existing Abbot Point Coal Terminal 1 with Mundra Port Holdings Pty Ltd (a wholly owned Australian subsidiary within the Adani Group). The terminal is now known as the Adani Abbot Point Terminal (AAPT or T1).
- Abbot Point Coal Terminal loaded its first export coal shipments in March 1984 and has been in safe operations ever since.
- The planned development will involve onshore construction of rail loading facilities, coal handling and stockpile establishment.
- 3km of conveyors will connect these facilities to two new Cape size-ready ship loading berths.
- Increased coal export activity at 60 mtpa from Abbot Point will result in an increase of only 1-2 ships per day moving through existing shipping channels. No new shipping channels will be created.
- Invested in capacity optimisation to ensure there is always additional capacity for follow on projects.

### COMMUNITY BENEFITS Adani Mine, Rail and Port Projects

**\$22 billion** (Source: PwC, 2014)  
royalties and taxes  
reinvested back into community services

