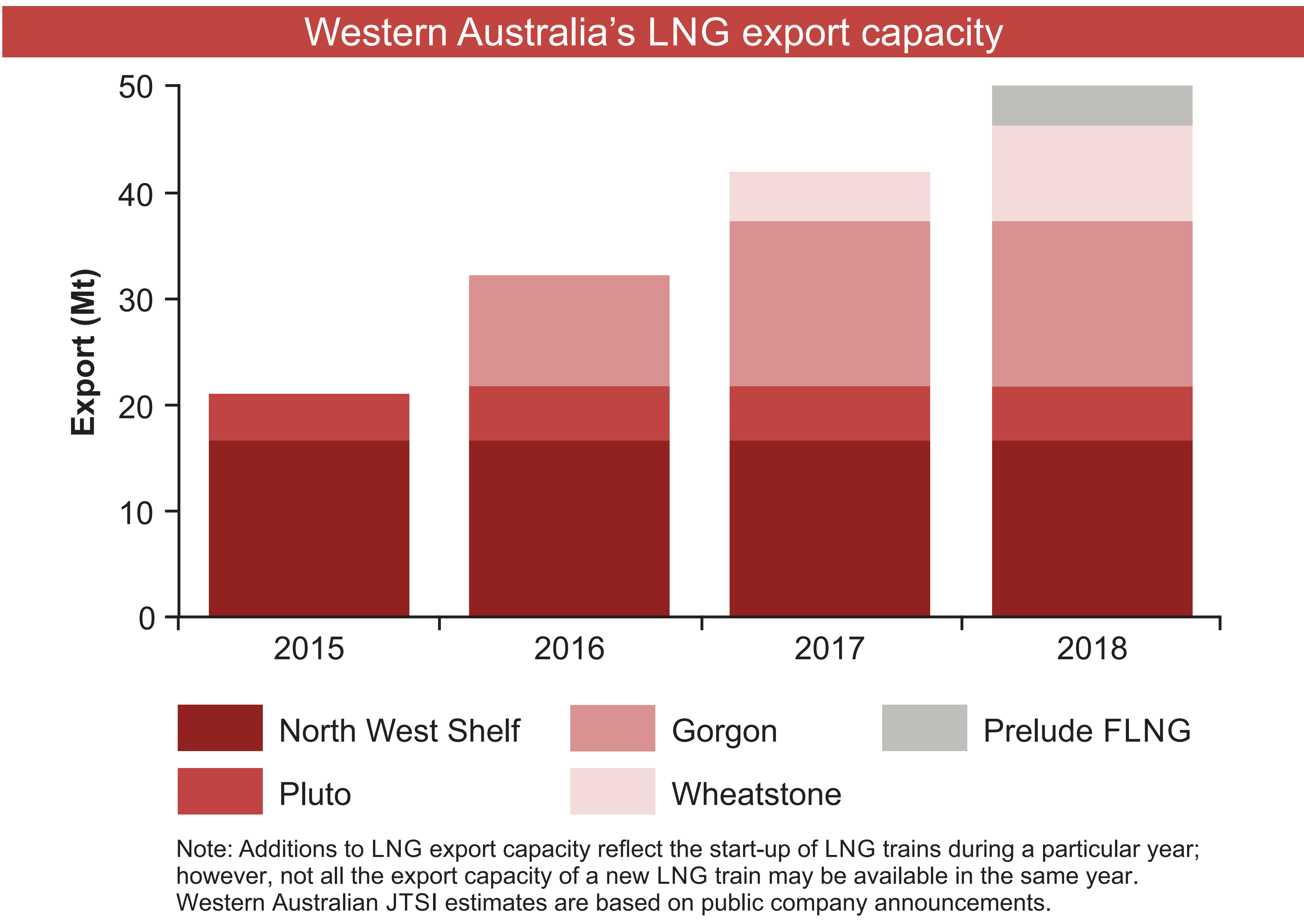
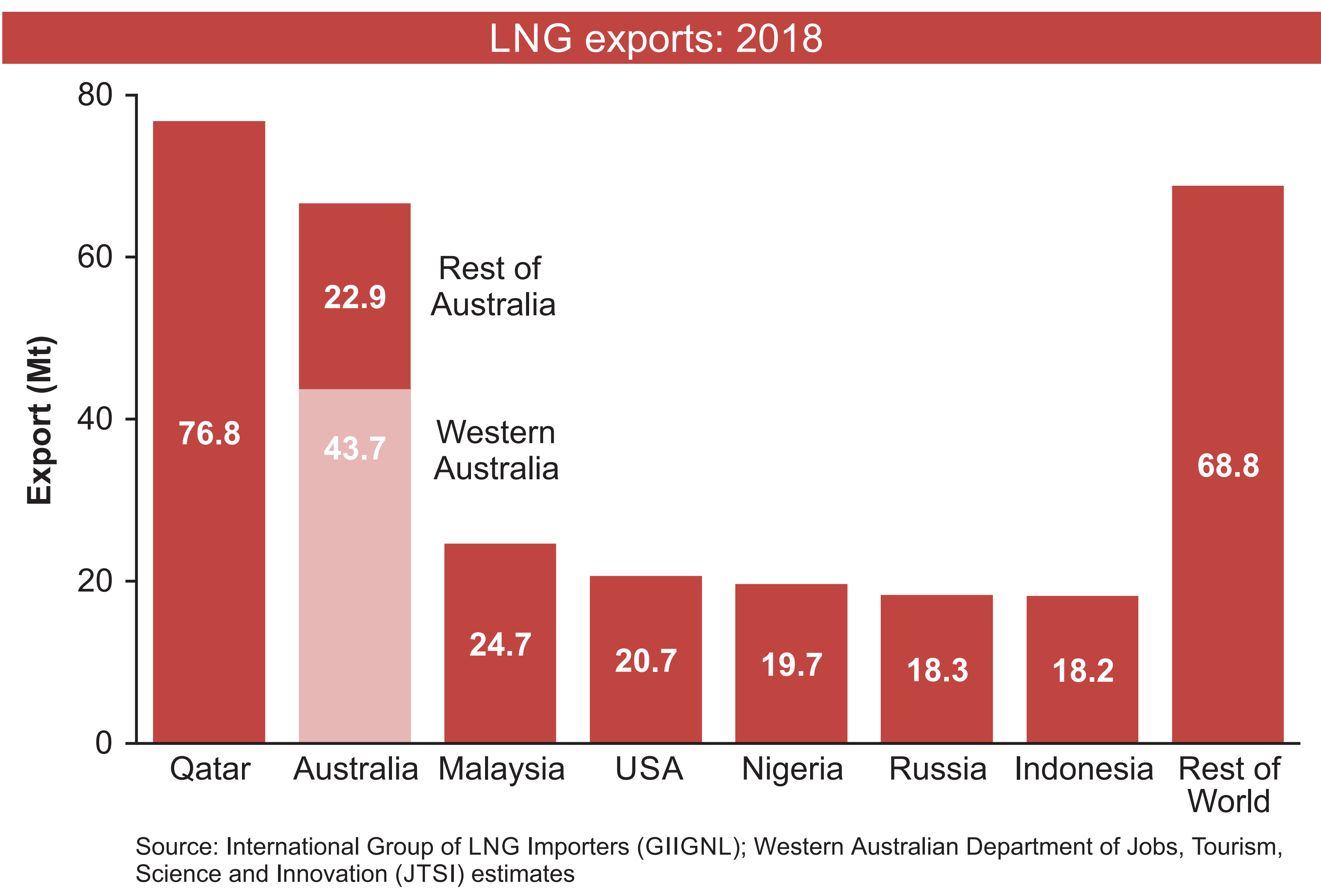
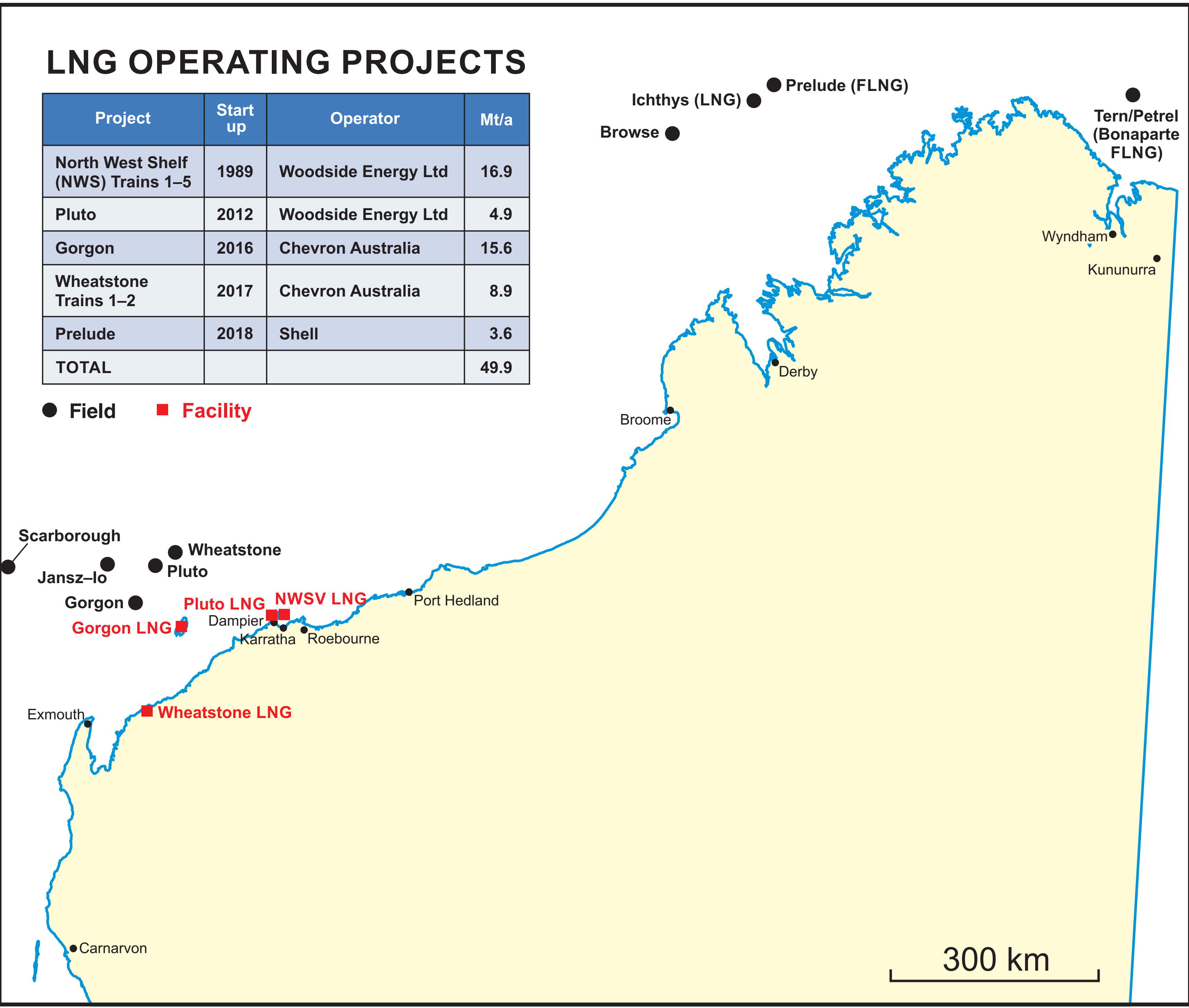


LNG PROJECTS

Western Australia’s Liquefied Natural Gas (LNG) capacity is 49.9 million tonnes per year (Mt/a) with contributions from the North West Shelf, Pluto, Gorgon, Wheatstone and Prelude.

Most of Western Australia’s LNG is exported to Japan, the world’s biggest LNG consumer.

Production commenced from Ichthys in July 2018 and Prelude floating LNG (FLNG) commenced production in December 2018.



Gorgon LNG loading jetty and vessels



Pluto LNG loading jetty



Wheatstone first LNG cargo being loaded



Prelude FLNG on station during commissioning

OPERATING PROJECTS

North West Shelf Project

Australia’s first LNG project was the North West Shelf Project located in Karratha. With five production trains, the project has a capacity of 16.9 Mt/a. Trains 1 and 2 began in 1989, followed by Train 3 in 1992, Train 4 in 2004 and Train 5 in 2008.

Pluto LNG

Pluto exported its first cargo in May 2012. Xena field commenced production in June 2015. Gas is piped to the onshore facility on the Burrup Peninsula. Woodside plans to backfill and expand the Pluto LNG facilities with additional gas sourced from the Scarborough field. Front-end engineering design for Pluto Train 2 started in 2018. Final investment decision is targeted for 2020 and startup in 2024.

Gorgon LNG

The Gorgon Project is Australia’s largest single resource project. Gorgon exported its first cargo in March 2016. Train 2 began production in October 2016, while Train 3 came online in March 2017. To maintain supply to the project for the next 30 years, Chevron is starting new drilling in 2019.

Wheatstone LNG

The Chevron-led project includes a two-train 8.9 Mt/a facility and a separate domestic gas plant with a capacity of 200 TJ/d. Train 1 commenced LNG production in October 2017. Train 2 commenced LNG production in June 2018.

Prelude FLNG

The floating LNG vessel arrived at the Prelude gasfield in the Browse Basin, 475 km north-northeast of Broome, in July 2017. The offshore facility has a capacity of 3.6 Mt/a. Start up commenced in December 2018, and the first cargo of LNG was delivered in June 2019. In addition to LNG, Prelude will produce 1.3 Mt/a of condensate and 0.4 Mt/a of LPG.

Greater Western Flank (Phase 2)

Phase 2 started production in October 2018. It will recover 1.6 trillion cubic feet of gas to maintain North West Shelf output, via subsea tie-back to the Goodwyn A platform. Target fields in Phase 2 include Dockrell, Keast, Lady Nora, Pemberton and Sculptor–Rankin.



Prelude FLNG Courtesy Shell