

HUNTER VALLEY HYDROGEN HUB (HVHH)

Overview and location:

Orica's HVHH will enable the delivery of a safe, reliable and commercial-scale renewable hydrogen supply chain in the Newcastle industrial and port precinct. It's a multi-phase project, designed to be scaled up over time.

Located adjacent to Orica's existing operations on Kooragang Island, Phase 1 of the hub will produce up to 7,800 tonnes of renewable hydrogen annually, using locally sourced recycled water, grid-connected renewable electricity, and a 50MW electrolyser.

Development and investment status:

Phase 1 has obtained development consent however construction is subject to a final investment decision (FID), expected by first half 2026.

Execution model and timeline:

Orica proposes to use an EPCM delivery approach with dedicated project entities for efficient execution and procurement. It anticipates the hub to be operational by end 2028.

Positive economic benefits:

Orica is committed to building resilience and economic sustainability through procurement and construction activities that where possible preference local and regional small-to-medium enterprises (SMEs) and Aboriginal-owned businesses.

