

WHAT WILL THE WGEH PROJECT LOOK LIKE?

November 23

The WGEH project will be built over a number of consecutive phases and operate for many decades. It was awarded Lead Agency status by the WA Department of Jobs, Tourism, Science and Innovation in December 2021 and an application for Commonwealth Major Projects status is currently being prepared.

A 'Concept Feasibility Study' was recently completed to better understand the broad specifications of the project and associated land use.

Under current plans, the project will consist of:

- Wind and solar power generation and electrolysis assets across the site area, together with appropriate electrical and hydrogen connection infrastructure;
- A large downstream and processing area where the green hydrogen produced will be converted into green fuels and possibly used and/or sold for various value-added products; and
- Supporting / service infrastructure, including a marine offloading facility (MoF); desalination facilities; and dedicated regional hubs, including workforce, residential and commercial facilities.

Given the project's vast scale, it is anticipated that many of the inputs for required project infrastructure, equipment and other assets will be manufactured at site, supported by using the existing trans-continental highway and rail, and a new MoF.

WGEH is committed to considering alternatives to traditional fly-in, fly-out (FIFO) arrangements for the construction and operation of the project. This includes the potential development of township/village options within the project site-east and west- to support dedicated local jobs and promote broader regional development.

Conceptual only PROJECT AND SUPPORT INFRASTRUCTURE

(1) Renewable
Wind & Solar



(2) Desalination
Facility



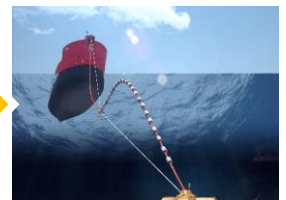
(3) Hydrogen
electrolysis



(4) Ammonia
product storage



(5) Export to
markets



(6) Local Village



(7) Marine Offloading Facility



(8) Workshops