

# Project Haber Update

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- Globally recognised ammonia/urea engineer, Technip Energies, has been awarded the Front-End Engineering for Strike's Project Haber, 1.4 mtpa low carbon urea fertiliser development.
  - Wood has been awarded the Owner's Engineering package.
  - Environmental referrals submitted to EPA as part of the permit approval process.
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Strike Energy Limited (Strike - ASX: STX) is pleased to provide an update on its flagship low carbon fertiliser development Project Haber. The development is situated on the Company's wholly owned freehold land in Western Australia's wheatbelt region and directly above its 100% owned South Erregulla gas field, which will provide the energy feedstock to the project.

## Front End Engineering & Design (FEED)

After a competitive tender process Strike has awarded the FEED to Technip Energies (T.EN). T.EN is the global leader in engineering and design of ammonia/urea facilities and has worked extensively with Strike's selected key technology providers: Topsoe (Autothermal Reforming & Ammonia Synthesis), Saipem (Urea Synthesis) and ThyssenKrupp (Urea Granulation). Strike selected these technologies as they facilitate the highest degree of energy efficiency and lowest carbon emissions possible for urea production.

T.EN has recently executed the design and construction of several reference plants of similar capacity, thereby enabling T.EN to efficiently complete the engineering works on Project Haber, which are currently estimated to take 9-10 months from commencement.

Strike and T.EN have executed a project establishment call off order to commence preparation for the formal FEED to start and for Project Haber to enter Strike's 'Define' phase. Strike expects to enter its 'Define' phase once key licensor technology agreements are in place, which is expected to occur in the coming quarter in parallel with closing out the Project Haber pre-development financing process.

## Owners Engineering

The Project Haber team awarded the Owner's Engineering package to Wood. As owner's engineer, Wood will provide technical and engineering oversight services for the duration of the project to monitor and assess the work in progress, ensuring the Engineering, Procurement and Construction contractor delivers work consistent with the project's requirements

## Environmental Approval Permit Submission

Strike has submitted the environmental referral for Project Haber together with the appropriate supporting documentation required for its key Part IV environmental approvals to WA's Environmental Protection Agency. These approvals are expected to be the longest lead item in preparing Project Haber for financial close prior to a construction commitment. The environmental referral has been prepared in partnership with Strategen JBS&G.

## Chief Executive Officer & Managing Director, Stuart Nicholls said:

*"Today's announcement marks the conclusion of months of work and the start of an exciting period for Strike's flagship low carbon fertiliser development known as Project Haber. The*



*design of this state-of-the-art facility will enable Australia to take control of its own supply of urea fertiliser in partnership with reducing its primary agricultural emissions. Project Haber stands to be a centrepiece of Australia's energy transition where technology, resources and renewable energy come together."*

### **About Project Haber**

Project Haber is Strike's proposed vertically integrated low carbon urea fertiliser facility. Haber will utilise globally low-cost gas from Strike's 100% owned South Erregulla onshore Perth Basin gas field whilst incorporating the best global technology with renewable energy integration to generate nitrogen-based fertiliser that is estimated to be 50-60% less carbon intensive than the fertiliser currently imported and consumed across Australia's broadacre farms. The facility is proposed to be constructed on Strike's 100% owned freehold land directly above Strike's 100% owned South Erregulla gas field, which is in WA's Mid West and part of the State's large wheatbelt region, where ~40% of the fertiliser produced by Haber is expected to be consumed in the immediate vicinity. Haber has established an export route for its remaining ~60% of product that will utilise the Geraldton Port to access valuable fertiliser markets on the East Coast of Australia or within the region. Haber will re-domesticate the manufacturing of this critical agricultural commodity here in Australia and will also provide a feedstock for vital Diesel Exhaust Fluid (commonly referred to as AdBlue) where urea is the primary ingredient.

This announcement is authorised for release by the Managing Director and Chief Executive Officer in accordance with the Company's Continuous Disclosure Policy.

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### **Important Notices**

#### **Project Haber**

*The successful development of Project Haber is contingent on, among other things, the proving up of sufficient gas reserves at South Erregulla, the outcomes of FEED on Project Haber, access to finance and (where required) equity participation, securing binding urea offtake agreements, and obtaining all requisite regulatory and stakeholder permits, approvals and authorisations.*

*The concept, feasibility and pre-FEED studies prepared by Technip Energies on Project Haber to date have been undertaken to determine the potential viability of Project Haber and to reach a decision to proceed with more definitive studies, and as such are indicative in nature only. The studies are based on low to medium level technical and economic assessments and are insufficient to provide full assurance of an economic development case at this stage or provide certainty that the conclusions of the studies will be realised and that the development of Project Haber will be commercially viable.*

#### **Forward looking statements**

*Statements contained in this release are or may be forward looking statements. All statements in this release regarding the outcomes of preliminary and definitive feasibility studies, projections and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. These statements relate to future events and expectations and as such involve known and unknown risks and significant uncertainties, many of which are outside the control of*



*Strike. Actual results, performance, actions and developments of Strike Energy may differ materially from those expressed or implied by the forward-looking statements in this release. Such forward-looking statements speak only as of the date of this release. Refer to the 'Summary of Key Risks' section of the release titled "Equity Raising and Corporate Update April 2021" released to ASX on 15 April 2021 for a summary of certain general, Strike specific and acquisition specific risk factors that may affect Strike. There can be no assurance that actual outcomes will not differ materially from these statements. A number of important factors could cause actual results or performance to differ materially from the forward looking statements, including the risk factors set out in the aforementioned ASX release. Investors should consider the forward looking statements contained in this release in light of those disclosures. To the maximum extent permitted by law (including the ASX Listing Rules), Strike and any of its affiliates and their directors, officers, employees, agents, associates and advisers disclaim any obligations or undertaking to release any updates or revisions to the information in this release to reflect any change in expectations or assumptions; do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence). Nothing in this document will under any circumstances create an implication that there has been no change in the affairs of Strike since the date of this release.*