

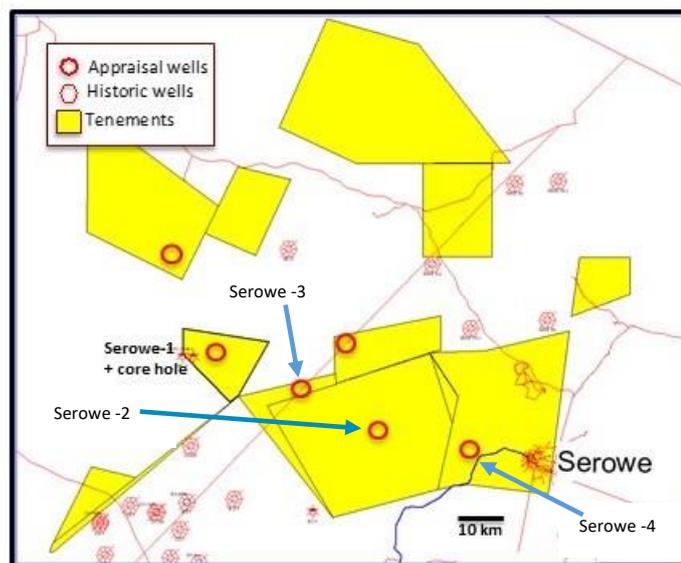
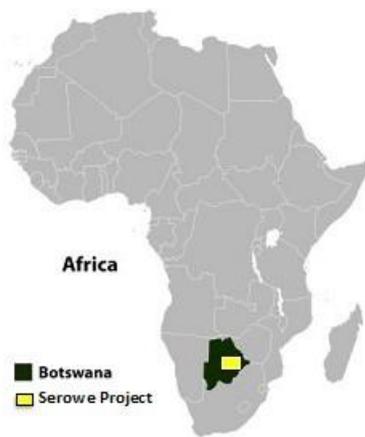


First of Six wells in Project Serowe, Botswana CBM to spud this week

- Project Serowe has prospective high- grade CBM gas resource of 2.38 Tcf^{1,3,4}
- Pure Hydrogen currently has 100% of Project Serowe and is free carried to 51% with project partner BotsGas funding the farmin appraisal programs designed to high-grade resources to reserves.²

Sydney: 1 June 2021, Australian East Coast Clean Energy Company, *Pure Hydrogen Corporation Limited* (ASX: PH2 or 'Pure Hydrogen') is pleased to report that its joint venture partner BotsGas Pty Limited is scheduled to spud the first of a six well appraisal drilling campaign on Project Serowe within the next few days.

The Serowe CSG Project is located in central southern Africa



Six (6) well Appraisal Program designed to Prove Multi TCF Resource

The campaign will consist of two separate stages of three appraisal wells each. The campaign is designed to confirm our geological model for the area; principally to demonstrate the widespread uniformity of the Serowe Formation from which we propose to extract coal bed methane (cbm).



BotsGas have advised Serowe 2, the first stage 1 well is schedule to spud in the next few days. This will be followed up with Serowe 3 & 4 as illustrated in the map. The campaign will exceed the minimum acreage commitments which should ensure permit renewals in the future.

Two of the wells are to be converted to production wells whilst the third is in an outlying region to test the presence of high grade cbm. The proposed drill sites have been readied for drilling and the necessary drill pipes delivered.

A detailed Occupational Health and Safety Plan has been prepared, with appropriate hygiene and social distancing procedures to prevent Covid-19 infections. The plan is to drill the second stage 3 wells later in the year after considering the results and incorporate the knowledge learned from the first 3 wells.

Managing Director Scott Brown commented: *“Serowe is an exciting asset with good upside and the gas price in Botswana is very high at the moment. BotsGas’ team is well-placed to execute this program. They have the experience and the technical skills to unlock the value from these highly prospective leases. We will continue to update shareholders on progress as the program unfolds.”*



Image 1: location of the first drilling site

1. See Strata X Energy Announcement dated 14 May 2019 – 83% increase in Prospective Gas Resource in the Serowe CSG Project. The Announcement disclosed 6.08Tcf Prospective Resource (best estimate) net to the Company and 2.38Tcf Prospective Resource (best estimate) net to the Company within the Company’s interpreted high-grade area, an increase of 40%.



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2. 'Pure defines high grade CBM as coals of sufficient thickness and ideal CBM depths with high gas saturations'
 3. ASX disclosure note - 5.28.2 – Prospective Resources - The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
 4. **SEROWE CSG PROJECT** *Prospective and Contingent Resources figures are from an audit report prepared by Timothy Hower Senior Technical Advisor of MHA Petroleum Consultants, a qualified independent reserves auditor, dated and effective 10 May 2019 following MHA's audit in accordance with the COGE Handbook of the available technical data including the geological interpretation, information from relevant nearby wells, Company drilled wells, analogous reservoirs and the proposed program for the Project, prepared and presented to MHA by Strata-X. Tim Hower is a member of the Society of Petroleum Engineers and has consented to the resources estimates in the context they appear. Stated Prospective and Contingent Resources are based on, and fairly represents, information and supporting documentation prepared and/or audited by, or under the supervision of Timothy Hower. Prospective Resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development project. Prospective Resources have both an associated chance of discovery and a chance of development. A high level of uncertainty exists with the Prospective resources given the lack of historical drilling, available data and other productivity factors that limit the economic viability of coal seam gas deposits. The reports Prospective and Contingent Resources are over Prospecting Licenses Pure Hydrogen (Strata-X) holds for methane production in the Republic of Botswana. Actual sales from the Prospecting License cannot begin until converted by Pure Hydrogen (Strata-X) election and environmental filings to the Republic of Botswana. Stated Prospective Resource figures are Best Estimate estimated using deterministic method – unrisked, undiscovered natural gas quantities and net of a royalty and are shown at a 100% working interest in the Project and are derived from coal characterization data from the 19B-1 well comprised of 10 net metre of coal, gas saturation yields of 120 cubic feet per ton, coal density of 1.7g/cm and using a 75% recovery factor. Stated Contingent Resource figures are Best Estimate – natural gas quantities and net of a royalty and are shown at a 100% working interest in the Project and are derived from coal characterization data from the 19B-1 well comprised of 10 net metre of coal, gas saturation yields of 120 cubic feet per ton, coal density of 1.7g/cm and using a 75% recovery factor. Contingent Resources stated are estimated using low, best and high analytical inputs, using deterministic method. Contingent Resources were extrapolated over an area of 15km² using the coal characterization of the 19B-1 well which area assumes consistent coal characterization as seen in the 19B-1 well over this area. Contingent Resources stated are prevented from being reserves until sufficient production tests are carried out and to date these tests have not been carried out. The total costs associated with establishing the commerciality of this project are unknown.*

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About Pure Hydrogen Corporation Limited

Pure Hydrogen is an Australian east coast focused Clean Energy Company with Hydrogen and Gas



businesses. The Company has 5 Hydrogen projects under development and 3 gas projects, Windorah Gas Project in the Cooper Basin, Australia's most prolific onshore producing petroleum basin, Project Venus CSG in the Surat Basin in Queensland and the Serowe Project CSG in Botswana. For further details www.purehydrogen.com.au

