HyTerra Limited
Unit 6, 335 Hay Street
Subiaco Western Australia 6008
ASX: HYT

Phone +61 8 6478 7730
info@hyterra.com
ACN 116 829 675
hyterra.com

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ASX RELEASE

Former Chief Scientist of Shell appointed Chief Geophysicist

Summary

- HyTerra has appointed former Chief Scientist of Shell and globally renown geophysicist, Dr Dirk Smit as Chief Geophysicist.
- Currently involved with Oxford University, Massachusetts Institute of Technology (MIT), and energy strategy consultancy, Dr. Smit is a globally recognised expert in innovative clean energy solutions and the energy transition.
- As Chief Geophysicist, Dr. Smit's passion and knowledge for white hydrogen will help drive HyTerra's exploration activities, including the upcoming drill program this quarter at the Nemaha Project.

HyTerra Ltd (ASX:HYT) ("HyTerra" or the "Company") has appointed former Shell Chief Scientist and globally renown geophysicist, Dr Dirk Smit as Chief Geophysicist. Dirk brings tremendous passion to unlocking the potential of white hydrogen.

HyTerra Executive Director, Mr Avon McIntyre, said Dr Smit had a distinguished career in both the corporate and academic sectors, making him an invaluable and exciting appointment to our team.

"I look forward to working closely with Dirk on our white hydrogen and helium exploration activities. He joins HyTerra at an exciting time with a drill program planned for this quarter."

"Dr Smit is an internationally accomplished and renowned scientist whose extensive experience and passion for white hydrogen will be a tremendous asset to the company as we progress our exploration activities at our 100% owned Nemaha Project." Mr McIntyre said.

Biography

Dirk retired from Shell in November 2023 and holds a visiting position at Oxford University (Martin School and Earth Sciences) 2024 and is an affiliate of MIT (Energy Initiative and the School of Earth, Atmospheric and Planetary Sciences), and holds an Oxford Martin Visiting Fellowship of the University of Oxford. He furthermore holds a Visiting Professorship in Energy Research at the India Institute of Science in Bangalore. Next to his Academic roles he is currently involved with energy strategy consultancy to both governments and a number of start-ups in Europe, UK and the US. He is elected Fellow of the American Physics Society and of the Dutch National Engineering Academy.

Dr Smit has a PhD in Mathematical Physics, String Theory and over 30 years working geophysical and leadership roles for Shell. He joined Shell's Geophysics R&D department in the Netherlands in

1992 and through his time there, held numerous positions, including Chief Geophysicist for Shell UK, and Vice President Exploration and Upstream Technology. From 2015 as VP Research Strategy, his work shifted to "systems thinking and engineering" aspects of the energy transition to a net-zero emission system and became Shell's first Chief Scientist in 2019. In this role he advised Shell's Executive Committee and Board.

He is frequently asked as a keynote speaker in Europe, US and Asia, and writes about aspects of the energy transition stressing the role of clean or zero-carbon chemical (in particular hydrogen) and subsurface/geological based solutions to create more flexibility and optionality for net-zero energy systems to scale.

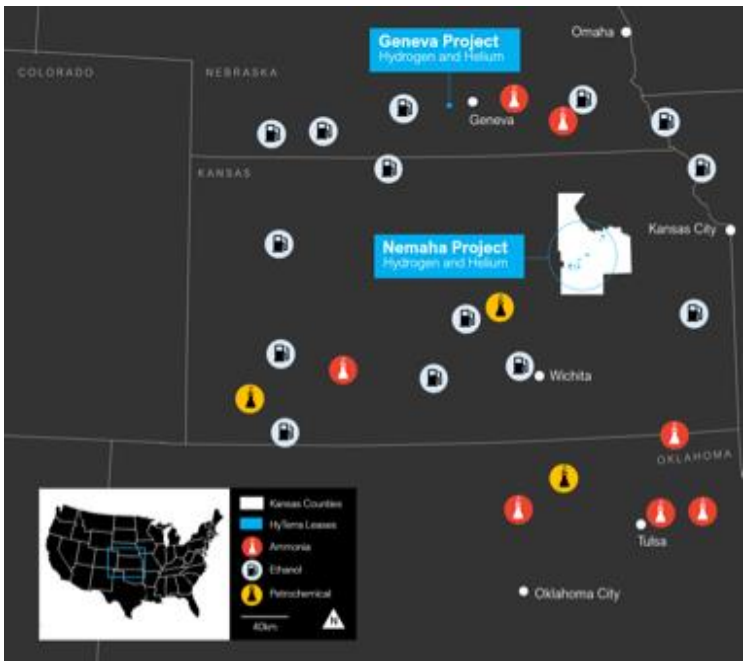
This announcement has been authorised for release by the Board of Directors.

Benjamin Mee
Executive Director
ben@hyterra.com

Avon McIntyre
Executive Director + CTO
avon@hyterra.com

HYTERRA. A WORLD OF OPPORTUNITY.

Exploring for natural hydrogen and helium resources near major industrial hubs



White hydrogen's potential as a low-carbon feedstock or fuel has spurred millions in new investment and created a world rich with opportunities for first movers.

HyTerra was the first company to list on the ASX with a focus on white hydrogen, which is generated naturally by the Earth. White hydrogen potentially has much lower production costs and carbon emissions than man-made hydrogen.

Our Nemaha Project in Kansas, USA, holds 100% owned and operated leases across the emerging Nemaha Ridge natural hydrogen and helium play fairway. Our Geneva Project in Nebraska, USA, is a 16% earn-in interest in a Joint Development with Natural Hydrogen Energy LLC targeting natural hydrogen and helium.

Both projects could be connected through existing transport to multiple nearby off-takers, including ammonia manufacturers, and petrochemical plants.

For more information please see: www.hyterra.com