

**PRESS RELEASE**

**Sembcorp Industries Ltd**  
CO REGN NO 199802418D  
30 Hill Street #05-04  
Singapore 179360  
Tel (65) 6723 3113  
Fax (65) 6822 3254  
[www.sembcorp.com](http://www.sembcorp.com)

**SEMBCORP TO COLLABORATE ON DEVELOPMENT OF THE UK'S FIRST NET ZERO EMISSIONS POWER PLANT – WHITETAIL CLEAN ENERGY**

- **Potential 300MW Net Zero emissions NET Power station at Wilton International, Teesside with carbon capture technology**

**Singapore, July 13, 2021** – Sembcorp Industries (Sembcorp), through its UK subsidiary Sembcorp Energy UK (SEUK), today announces a collaboration agreement with Zero Degrees Whitetail Development Ltd., the UK subsidiary of US innovation firm 8 Rivers Capital, to explore the development of the UK's first Net Zero emissions NET Power station at SEUK's Wilton International site on Teesside.

Named Whitetail Clean Energy (Whitetail), the project is expected to produce about 300 megawatts (MW) of clean, efficient, low-cost electricity, with potential expansion options in the future. The Wilton International site in northeast England offers convenient port and pipeline access, where all Whitetail's captured carbon dioxide can be conveniently transported to UK sequestration sites to be permanently stored in secure geological formations deep under the North Sea.

Subject to UK regulatory support and if finalised to proceed, the collaboration agreement is an important milestone in advancing the decarbonisation of Teesside towards Net Zero, through the deployment of new technology. The Whitetail facility is expected to harness the Allam-Fetvedt Cycle (AFC), a new type of power cycle pioneered by 8 Rivers Capital and NET Power, LLC, a clean energy technology company in the United States. The process combusts natural gas with oxygen, rather than air, and uses supercritical carbon dioxide (CO<sub>2</sub>) as a working fluid to drive a turbine instead of steam. As a result, all air emissions, including traditional pollutants and CO<sub>2</sub>, are eliminated and pipeline-quality CO<sub>2</sub> is produced so that it can be captured and stored offshore, making Whitetail a Net Zero emissions plant.

Sembcorp is one of the largest Singapore homegrown renewable energy players with more than 3,300 megawatts (MW) of renewable energy capacity globally. The company's renewable energy portfolio comprises wind, solar and energy storage in key markets such as Singapore, Vietnam, China, India and the United Kingdom. As part of its strategic plan to transform its portfolio from brown to green, the company articulated its aim to quadruple its gross installed renewable energy capacity from 2.6 GW to 10 GW. The company has also committed to bold climate action to halve its GHG emissions by 2030 and deliver Net Zero emissions by 2050.

– END –

For analysts' and media queries, please contact:

Analysts

Ling Xin Jin (Ms)  
Assistant Vice President  
Group Strategic Communications &  
Sustainability  
DID: +65 6723 3384  
Email: [ling.xinjin@sembcorp.com](mailto:ling.xinjin@sembcorp.com)

Media

Melody Wong (Ms)  
Vice President  
Group Strategic Communications &  
Sustainability  
DID: +65 6723 3439  
Email: [melody.wong@sembcorp.com](mailto:melody.wong@sembcorp.com)

## **ABOUT SEMBCORP INDUSTRIES**

Sembcorp Industries (Sembcorp) is a leading energy and urban solutions provider, driven by its purpose to do good and play its part in building a sustainable future.

Headquartered in Singapore, Sembcorp leverages its sector expertise and global track record to deliver innovative solutions that support the energy transition and sustainable development. By focusing on growing its renewables and integrated urban solutions businesses, it aims to transform its portfolio towards a greener future and be a leading provider of sustainable solutions.

Sembcorp has a balanced energy portfolio of over 12,800MW, with more than 3,300MW of renewable energy capacity comprising solar, wind and energy storage globally. The company also has a proven track record of transforming raw land into sustainable urban developments, with a project portfolio spanning over 12,000 hectares across Asia.

Sembcorp is listed on the main board of the Singapore Exchange. It is a component stock of the Straits Times Index and sustainability indices including the FTSE4Good Index and the iEdge SG ESG indices. For more information, please visit [www.sembcorp.com](http://www.sembcorp.com).