

Banpu Announces Cotton Cove and Eagle Ford Carbon Capture and Sequestration Projects by BKV, Strengthening Its U.S. Closed-Loop Gas Business

- *Announces the commercial operation (COD) of two Carbon Capture and Sequestration (CCS) projects, Cotton Cove and Eagle Ford, in the U.S., developed and operated by BKV.*
- *Expands Banpu Group's U.S. Closed-Loop Gas business and support its target of achieving 1.5 million metric tons of CO₂ equivalent per year by 2028, strengthening the energy value chain and advancing the transition to a lower-carbon future.*

Banpu Public Company Limited, a leading versatile energy company, announced that BKV Corporation, its majority-owned energy company in the U.S., has achieved commercial operation (COD) of two Carbon Capture and Sequestration (CCS) projects, Cotton Cove and Eagle Ford, in Texas, the U.S. Developed and operated by BKV, the projects represent another significant milestone in expanding Banpu Group's U.S. Closed-Loop Gas business, which integrates natural gas, power generation, and CCS to enable the production of Carbon-Sequestered Gas (CSG). The integrated business supports growing energy demand while advancing the transition toward a lower-carbon energy system.

Mr. Sinon Vongkusolkit, Chief Executive Officer of Banpu Public Company Limited, said, "The commercial operation of the Cotton Cove and Eagle Ford projects reinforces the successful execution of our U.S. Closed-Loop Gas growth strategy while strengthening Banpu Group's decarbonization efforts. By leveraging our integrated business platform and incorporating CCS into our existing assets and infrastructure, we are enhancing our ability to create long-term value while demonstrating our capability to develop and operate commercial-scale CCS projects."

The **Cotton Cove project** was jointly developed by BKV and Banpu Power US. The facility captures and sequesters CO₂ emissions in deep geologic formations and is expected to sequester an average of approximately 32,000 metric tons of CO₂ equivalent per year over its operational lifespan. Meanwhile, the **Eagle Ford project**, developed under a joint venture between BKV and Copenhagen Infrastructure Partners in collaboration with a leading diversified midstream energy company, acquires CO₂ from a natural gas processing plant, then compresses and transports it to an injection well at an adjacent site, where it is permanently sequestered underground. The facility will sequester approximately 90,000 metric tons of CO₂ equivalent per year. Both projects have received approvals from the relevant U.S. regulatory authorities.

The commercial operation of Cotton Cove and Eagle Ford follows the successful operation of Barnett Zero, BKV's first commercial-scale CCS project. With these additions, BKV now has three commercial-scale CCS projects in operation in the U.S, further advancing Banpu Group's U.S. Closed-Loop Gas business. Through its investment in BKV, Banpu continues to expand its CCS portfolio to achieve its target of 1.5 million metric tons of CO₂ equivalent per year by 2028. This milestone reflects Banpu's long-term growth strategy and commitment to reducing greenhouse gas emissions while delivering sustainable, long-term value to stakeholders and reinforcing its role in advancing a sustainable energy future responsibly.

###

About Banpu

Banpu Public Company Limited is a leading versatile energy company, operating across four business pillars under its Energy Symphonics Strategy: U.S. Closed-Loop Gas, Next-Gen Mining, Power+, and Future Tech – with operations in Thailand, Indonesia, China, Australia, Lao PDR, Mongolia, Japan, the United States of America, and Vietnam. The Company leads a responsible and sustainable energy transition by balancing reliable, affordable and sustainable energy.

บริษัท บ้านปู จำกัด (มหาชน)

ทะเบียนเลขที่ 0107536000781

1550 อาคารธนภูมิ ชั้นที่ 27 ถนนเพชรบุรีตัดใหม่

แขวงมักกะสัน เขตราชเทวี กรุงเทพฯ 10400

โทร. +66(0) 2694 6600

www.banpu.com

Banpu Public Company Limited

Registration No. 0107536000781

1550 Thanapoom Tower, 27th Floor, New Petchburi Road

Makkasan, Ratchathewi, Bangkok 10400, Thailand

T. +66(0) 2694 6600

www.banpu.com



For more information for media, please contact Banpu Corporate Communications Team

Kankhachee Meecharoen 02-095-6544 kankhachee_m@banpu.co.th
Passaworn Udomsawat 02-095-6415 passaworn_u@banpu.co.th

บริษัท บ้านปู จำกัด (มหาชน)

ทะเบียนเลขที่ 0107536000781

1550 อาคารธนภูมิ ชั้นที่ 27 ถนนเพชรบุรีตัดใหม่
แขวงมักกะสัน เขตราชเทวี กรุงเทพฯ 10400
โทร. +66(0) 2694 6600
www.banpu.com

Banpu Public Company Limited

Registration No. 0107536000781

1550 Thanapoom Tower, 27th Floor, New Petchburi Road
Makkasan, Ratchathewi, Bangkok 10400, Thailand
T. +66(0) 2694 6600
www.banpu.com