

Banpu accelerates investments in AI and clean energy through Corporate Venture Capital, aiming to become the energy platform of the future

Amid the rapid growth of Artificial Intelligence (AI) driving global electricity demand, the International Energy Agency (IEA) projected that data center power consumption will more than double to approximately 945 Terawatt-hours (TWh) by 2030 and could surge to 1,200 TWh by 2035. This trend underscores how the expansion of the digital economy is generating unprecedented demand for both power and its supporting infrastructure. In response, **Banpu Public Company Limited** is driving long-term growth through its Corporate Venture Capital (CVC) unit. By investing in early-stage technologies, innovations, and future business opportunities, Banpu aims to synergize its core operations, sharpen its competitive edge, and prepare for the transition into the modern energy landscape.

Under its CVC framework, Banpu aligns its investments with the "3D" strategy of Digitalization, Decarbonization, and Decentralization, covering digital infrastructure, decentralized energy systems, and carbon-reduction technologies to capture opportunities from major global megatrends like the rise of AI, the digital economy, and the clean energy transition. To transition into the energy platform of the future, the Company targets businesses and technologies that create shared value across Banpu's 4 business pillars, while identifying high-potential opportunities for future growth. In doing so, Banpu prioritizes strategic synergies to extend businesses along the value chain and link investments with energy demands, as well as value enhancement through disciplined investment and active portfolio management to ensure sustainable, long-term growth.

Mr. Sinon Vongkusolkrit, Chief Executive Officer of Banpu Public Company Limited, said: "Investing in future technologies is about to identifying new business opportunities and preparing the Company to grow alongside global changes. Through our CVC, a key unit under the Future Tech within our Energy Symphonics strategy, Banpu is actively investing in technologies and innovations with the potential to drive company transformation over the next 5 to 10 years. Our goal is to elevate Banpu's position into technology-driven energy company that can meet the energy demands of the future. We are committed to carrying out this transition responsibly to create sustainable value for our shareholders and stakeholders."

Currently, Banpu's CVC portfolio includes investment in 16 Private Equity and Venture Capital funds, alongside direct investments in 6 companies, providing access to a global network of more than 1,100 companies worldwide, with a focus on five primary groups: Chips & Compute Infrastructure, Cloud Infrastructure, AI Models, AI Applications, and Energy: Decarbonized & Baseload. The companies Banpu invests in can further extend and create value for Banpu's core businesses; for instance, Enspired, a European AI-trading specialist, has introduced its electricity price

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forecasting system to support Banpu's energy trading business in Japan under the Power+ business unit, helping improve market forecasting accuracy, improve operational efficiency, and support revenue generation from energy trading business. Meanwhile, Banpu has invested in Mixx Technologies, a developer of infrastructure solutions for high-performance AI systems, aligning with the Digitalization strategy and supporting the growth of data centers and big data processing. In addition, the Company has backed ARC Clean Technology, a developer of Advanced Small Modular Reactor (aSMR) technology with the potential to produce stable, reliable, low-carbon electricity in the future, which aligns with Banpu's Decarbonization strategy. These investments reflect Banpu's 3D strategy of Digitalization, Decarbonization and Decentralization, which aims to create growth opportunities from both digital infrastructure and clean energy technologies to support the future growth of AI and the digital economy.

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About Banpu

Banpu Public Company Limited is a versatile energy company, operating across four business pillars under its Energy Symphonics Strategy: Next-Gen Mining, U.S. Closed-Loop Gas, 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.

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