

# Northern Data Group and VAST Data Partner to Deliver Market-Leading Scale, Speed, and Energy-Efficient AI Cloud

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## PRESS RELEASE / IR NEWS

### Northern Data Group and VAST Data Partner to Deliver Market-Leading Scale, Speed, and Energy-Efficient AI Cloud

- **Northern Data Group's Taiga Cloud brings comprehensive AI-as-a-Service to Europe by leveraging NVIDIA GPUs and the VAST Data Platform.**
- **The partnership will deliver AI cloud services in Europe, driven by 100 percent carbon-free energy.**
- **Taiga Cloud provides access to a vast NVIDIA GPU network in Europe, with over 20,000 GPUs.**

**Frankfurt/Main – May 22, 2024** – Northern Data Group's GenAI cloud platform, Taiga Cloud, a leading European generative AI cloud service provider (CSP) and [VAST Data](#), the AI data platform company, today announced a strategic partnership. Together, Taiga Cloud and VAST will deliver dedicated, scalable generative AI cloud services to Europe, driven by 100 percent carbon-free energy.

Gartner<sup>[1]</sup> predicts that by 2030, AI could consume up to 3.5 percent of the world's electricity. To meet this growing demand, organizations are seeking [sustainable and energy-efficient AI solutions](#). Taiga Cloud, a Cloud partner in the [NVIDIA Partner Network](#), provides access to a large NVIDIA GPU network in Europe, with over 20,000 NVIDIA GPUs, including the latest NVIDIA H100 and A100 Tensor Core GPUs. Its platform runs entirely on carbon-free, renewable energy, and boasts a less than 1.2 Power Usage Effectiveness ratio.

Combining this efficiency with VAST's differentiated [Disaggregated Shared Everything \(DASE\)](#) architecture and [Similarity](#) data reduction software will provide access to a high-speed, low-latency and data-sovereign cloud built for accelerated computing, while ensuring organizations aren't compromising on their sustainability objectives.

*“Northern Data Group is committed to providing best-in-class solutions driven by energy from renewable sources,”* said **Aroosh Thillainathan, Founder and CEO, Northern Data Group**.

*“This partnership with VAST Data is doing just this, helping to bring scalable, sustainable solutions to customers, enabling them to bring their best ideas to life.”*

Key benefits for customers leveraging Northern Data Group’s Taiga Cloud with the VAST Data Platform include:

- **Reduced Environmental Footprint with Sustainable Infrastructure:** With best-in-class infrastructure and the latest liquid-cooling technologies to optimize GPUs for optimal efficiency, renewable energy and waste-reduction solutions, and VAST’s efficient data management capabilities, organizations can achieve aggressive sustainability goals in the face of power-hungry AI deployments and applications - without compromising on performance.
- **A Robust Cloud Services Catalog:** The VAST Data Platform offers easy API access to encapsulate its storage, database, global namespace and compute engine capabilities into Taiga Cloud’s wide-ranging advanced cloud data services and support, enabling Taiga Cloud to pass on best-in-class services to customers.
- **Improved Performance with Enterprise Features:** VAST’s performance – particularly for AI-driven applications requiring high throughput and fast access speed – flexibility, and multi-tenancy, allows Taiga Cloud to help customers manage, move and protect their data with enterprise-grade features. Superior service levels, particularly in GPU cluster interconnectivity and storage speed, are also possible, which is crucial for intensive computational workloads.
- **Expanded Access to Secure, Compliant GPU Services:** Thanks to VAST’s multi-tenant, scalable solutions, Taiga Cloud securely and efficiently scales its infrastructure in perfect harmony with its growing customer base - allowing Taiga Cloud to serve startups and smaller enterprises that might not have the capital to invest in high-performance computing infrastructure independently.

*“With the VAST Data Platform, Taiga Cloud is bringing to market one of Europe’s leading GPU-accelerated clouds, with robust services and support offerings for generative AI deployments,” said Chris Morgan, Vice President, Solutions at VAST Data. “VAST provides CSPs with software infrastructure solutions that combine the speed, scale, security and GDPR-compliant operations that data-intensive organizations across the globe require for their AI workflows.”*

### **About Northern Data Group:**

Northern Data Group (ETR: NB2) is a leading provider of High-Performance Computing (HPC) solutions to businesses and research institutions, utilizing GPU- and ASIC-based solutions. Our flexible compute power fuels innovation in our three core business platforms: Taiga Cloud, Ardent Data Centers, and Peak Mining. Through our HPC solutions, we pioneer ambitious computing innovation that drives progress in the AI, ML and Generative AI industries. Our close collaboration with industry-leading manufacturers including Gigabyte, AMD, and NVIDIA is fundamental to the acceleration of innovation across sectors including life sciences, financial services, and energy.

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## About VAST Data

VAST Data is the data platform company built for the AI era. As the new standard for enterprise AI infrastructure, organizations trust the VAST Data Platform to serve their most data-intensive computing needs. VAST Data empowers enterprises to unlock the full potential of their data by providing AI infrastructure that is simple, scalable, and architected from the ground up to power deep learning and GPU-accelerated data centers and clouds. Launched in 2019, VAST Data is the fastest growing data infrastructure company in history. For more information, please visit and follow VAST Data on [X \(formerly Twitter\)](#) and [LinkedIn](#).

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<sup>[1]</sup> [Gartner Says CIOs Must Balance the Environmental Promises and Risks of AI](#)

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