AgroSpectrum ASIA
Envisaging Future | Updating Present

AWS launches New Zealand Data Centre & Infrastructure Region for agriculture and other industries

08 September 2025 | News

Amazon's New Zealand Infrastructure Region to Drive Agricultural Innovation and Digital Transformation



Amazon's New Zealand Infrastructure Region to Drive Agricultural Innovation and Digital Transformation

Amazon has launched the AWS Asia Pacific (New Zealand) Region, a significant infrastructure investment aimed at bolstering the countryâ??s digital capabilities and supporting its agricultural sector through advanced cloud technologies along with other prime sectors. This initiative aligns with Amazonâ??s broader commitment to sustainability and innovation, particularly in addressing challenges faced by the agriculture industry.

The new AWS Region will enable secure data storage locally, reduce latency, and access cutting-edge technologies such as including analytics, compute, content delivery, database, generative AI (Gen AI), machine learning, networking and storage, among other capabilities. These tools are poised to transform New Zealandâ??s agricultural landscape by offering solutions for supply chain optimization, resource management, and climate resilience. Amazon is still working towardsÂ net zero operationsÂ by 2040, as part of The Climate Pledge.

New Zealand emphasized the role of cloud-based technologies in tackling the agricultural sector's structural challenges, such as an aging workforce, labor shortages, and declining food self-sufficiency. The AWS Region can enable farmers and agribusinesses to leverage data-driven insights, enhance productivity, and mitigate the effects of climate change.

AWS plans to invest over NZ$7.5 billion (US$4.4 billion) in the region, supporting more than 1,000 full-time equivalent jobs annually in multiple digital infrastructure initiatives and contributing an estimated NZ$10.8 billion to the countryâ??s GDP.

This investment includes the construction, connection, operation and maintenanceÂ of data centers, which can serve as the backbone for agricultural innovation. One of the key features of the AWS New Zealand Region is its focus on **renewable**

energy. The extended partnership with Mercury NZ for the Turitea South **wind farm**, demonstrates "how digitalization and decarbonization can work together to support a sustainable future".

This aligns with New Zealandâ??s goals to reduce **greenhouse gas emissions** and transition to a **low-carbon economy**. The AWS Regionâ??s sovereign-by-design infrastructure ensures compliance with local data residency requirements, providing a secure environment for agricultural businesses to innovate. Services such as analytics, compute, content delivery, and generative AI will enable farmers to make informed decisions, optimize resource use, and enhance supply chain efficiency. AWS has also committed to upskilling New Zealandâ??s workforce, aiming to train 100,000 people in cloud skills through programs like AWS Academy, AWS Educate, and AWS Skill Builder.

This initiative will help bridge the **digital skills gap in the agriculture sector**, **equipping farmers** and **agribusinesses** with the tools to leverage advanced technologies. The launch of the AWS Region is part of Amazonâ??s broader strategy to position New Zealand as a technology hub in the Asia-Pacific region. It builds on previous investments, including high-capacity subsea cable connections and the establishment of AWS Direct Connect locations to improve network reliability and performance.

Prime Minister Christopher Luxon emphasized the significance of the investment, stating, "This is a major milestone, not just in terms of size, but I think in what it represents. It's a vote of confidence in New Zealand as a place to do business, to innovate and to build for the long term. And this investment will supercharge growth, and it is key to creating more jobs, lifting incomes and putting more money into the pockets of kiwis.â?•

For the agriculture sector, the AWS Region represents a critical step toward modernizing operations and addressing global challenges. By combining Amazonâ??s infrastructure with New Zealandâ??s agricultural heritage, the initiative aims to create a sustainable, high-value-added model for the next generation of farming.

With three Availability Zones at launch, the AWS Region offers low-latency, high-availability infrastructure to support advanced agricultural applications. This will enable businesses to design resilient systems that can withstand disruptions and drive digital transformation across the sector. Through its commitment to innovation, sustainability, and skill development, Amazonâ??s AWS Region in New Zealand is set to play a pivotal role in shaping the future of agriculture in the country and beyond.