Singapore hosted "5th Singapore International Agri-Food Week (SIAW2025)" convening global innovators and investors to build resilient food ecosystem

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SIAW2025: Advancing Climate Resilience and Sustainability in Asia's Agri-Food Ecosystem

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The Asia-Pacific Agri-Food Innovation Summit 2025, the flagship event of Singapore International Agri-Food Week, is set to bring together over 800 global leaders, innovators, and policymakers. Held from November 4 to 6 at the Sands Expo and Convention Centre in Singapore, the summit will focus on critical themes such as sustainable nutrition, resilient supply chains, and breakthrough innovations in agri-food.

The Asia-Pacific Agri-Food Innovation Summit 2025, a cornerstone of Singapore International Agri-Food Week, is poised to unite global leaders, innovators, and policymakers in advancing sustainable and resilient food systems. The summit will spotlight strategies for sustainable growth, trade security, and investment in agri-tech across the Asia-Pacific region.

The Asia-Pacific Agri-Food Innovation Summit 2025, a key highlight of Singapore International Agri-Food Week, is gearing up to showcase groundbreaking advancements in agri-food science. The 5th edition of SIAW2025 brought together global industry leaders and innovators to discuss transformative solutions for building a sustainable and resilient food system in Asia.

- Further Food & Ag Investment Summit
- Asia-Pacific Agri-Food Innovation Summit

- Better Earth Ventures - Female Founder and Funders Event
- Agritech Climate Accelerator Event
- Agri-Food Tech Expo Asia expo

Over four transformative days, the Sustainable Innovations in Agri-Food Week (SIAW2025) brought together global leaders, scientists, investors, and innovators to advance a shared mission: accelerating climate resilience and sustainability across Asiaâ??s agri-food ecosystem. The SIAW 2025 composed of five flagship events has one shared mission.

Singapore International Agri-Food Week (SIAW) 2025 flagship event is part of a broader movement redefining food resilience through collaboration and innovation, alongside key events like the Roundtable on Novel Food Regulations and the Agri-Food Tech Expo Asia.

Key themes addressed at the conference include:

- **Decarbonization**:Â Carbon footprint, carbon markets and climate mitigation in agriculture
- **Food security:**Â Addressing supply chain disruptions and building resilience
- **Digital transformation**: De-risking smallholder farming with agri-tech and agri-fintech
- **Scale-Up finance**: New investment models supporting agri-tech and food-tech
- **Strategic partnerships**:Â Building bridges for a food-secure and crisis-proof food system

The event highlighted key themes such as regenerative farming, aquaculture, alternative proteins, and nutrition accessibility, alongside the growing role of AI in agriculture. While AI offers significant potential to streamline data analysis and reduce labor, experts emphasized the need for rigorous testing to prevent errors that could jeopardize crops and impact farmers. The discussions underscored the importance of careful deployment of technology to ensure long-term benefits for the agricultural sector.

The event featured policy dialogues, leadership forums, and technology showcases, sparking meaningful action across the entire food value chain. Highlights included regulators advancing safety standards for novel foods, leaders and investors shaping strategies for food security and sustainable growth, and researchers unveiling frontier technologies powering the future of food.

The summit featured the Global Agri-Food Scientific Symposium, where leading researchers will present cutting-edge innovations in urban agriculture, aquaculture, future foods, and food safety. From cultivated meat development to precision farming driven by bioelectrical signals, the event underscores the transformative potential of science and collaboration in shaping resilient food systems across Asia and beyond.

Esteemed speakers, including Ramesh Ramachandran of Mahindra Agri Solutions, Diana Reaich from New Zealandâ??s Ministry for Primary Industries, and Patrick Fahey of Kerry, will share insights on advancing the future of agriculture and food systems in the region.

SIAW2025 concluded with a commitment to advancing the future of Asia's agri-food ecosystem, building on the collaborative efforts of partners, sponsors, speakers, delegates, exhibitors, and attendees. The event marked significant progress in redefining how Asia grows, produces, and secures its food, and it set the stage for continued advancements in 2026.

SIAW 2025 Welcome Reception: A Platform for Collaborative Innovation

Amid rising climate volatility, food security concerns, and the urgent push for sustainability, the **Singapore International Agri-Food Week (SIAW) 2025 Welcome Reception** sets the tone for a week of transformative dialogue and partnerships. Co-hosted by the **Singapore Food Agency (SFA)** and **Temasek**, this exclusive, invite-only event brings together global policymakers, senior executives, investors, and innovators who are shaping the future of Asiaâ??s agri-food landscape. A key highlight of the evening on 4th November will be the **launch of the 4th edition of the Asia Food Challenge Report 2025**, which outlines strategies to build resilience and transform Asiaâ??s agri-food sector.

Roundtable on Novel Food Regulations

The Roundtable on Novel Food Regulations, organized by the **Singapore Food Agency** on **November 3rd**, serves as a global platform for regulators, industry leaders, academics, and stakeholders to exchange insights on the safety assessment and regulation of novel foods. The event features discussions on cell-cultivated meat and innovative food production systems, with a focus on fostering collaboration and sharing best practices.

A series of events rolled out includes, a **fireside chat** on commercialization, and updates on novel food regulations in the UK and China. A **panel discussion** on the future of novel food safety assessment brings together experts from organizations like FAO, GFI APAC, and academic institutions, moderated by SFA representatives. The event concludes with **networking opportunities** to further dialogue and partnerships.

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The Global Agri-Food Scientific Symposium

The Global Agri-Food Scientific Symposium, organized by the **Singapore Food Agency** and **A*STAR**, with support from **GFI Asia Pacific**, will take place on November 5â??6, 2025, at the Peony Ballroom, Sands Expo & Convention Centre, Singapore. This two-day event is designed as a exclusive platform for researchers, scientists, and technology providers to exchange knowledge and engage in scientific discussions. The symposium aims to advance cutting-edge science, technology, and innovation while fostering collaboration to build agri-food capabilities. By bringing together key stakeholders, the event seeks to promote climate-resilient and sustainable food ecosystems, addressing the challenges and opportunities within the global food ecosystem.

TheÂ firstÂ dayÂ ofÂ theÂ GlobalÂ Agri-
FoodÂ ScientificÂ Symposium,Â heldÂ onÂ NovemberÂ 5,Â 2025,Â beganÂ withÂ openingÂ addressÂ byÂ Mr.Â ZaqyÂ Mohamad,Se

MinisterÂ ZaqyÂ Mohamad, announced announced **two key initiatives** under **Singapore Food Story R&D Programme 2.0** to strengthen Singapore's food future.
Minister announced the investment of **$22 million in the Seed Innovation Hub**, a critical step in developing high-quality seeds for urban farming. This will help Singapore grow food more sustainably and efficiently.

Minister ZaqyÂ Mohamad furthur announced Singapore's commitment of $18.5 million to **AquaPolis**, which focuses on improving local fish farming through better genetics, disease management, and nutrition. This will enhance production efficiency and ensure a steady supply of quality seafood.

Minister ZaqyÂ Mohamad said that, together, these initiatives will strengthen Singaporeâ??s food security and pave the way for a more sustainable and self-reliant future.

TheÂ morningÂ sessionÂ featuredÂ keynoteÂ speechesÂ onÂ
foodÂ safetyÂ testingÂ andÂ nutritionalÂ considerationsÂ inÂ alternativeÂ proteinÂ **productÂ formulation**
,Â deliveredÂ byÂ ProfessorÂ ThomasÂ HartungÂ andÂ ProfessorÂ LovedeepÂ Kaur,Â respectively.Â
TheÂ eventÂ transitionedÂ intoÂ Sessions,Â focusingÂ onÂ **nutritionÂ andÂ consumerÂ acceptance**
.Â ThisÂ sessionÂ includedÂ keynotesÂ onÂ **healthyÂ andÂ palatableÂ futureÂ foodÂ design**,Â asÂ wellÂ asÂ
panelÂ discussionsÂ onÂ **buildingÂ resilientÂ tropicalÂ aquaculture**
Â andÂ theÂ challengesÂ inÂ futureÂ foodÂ design.Â

Another exclusive session featured technical presentations on topics such as **sustainable protein acceptance**, alternative protein nutrition, and dietary, poly, phenols for healthy aging. A session focusing on **agriculture and future foods** was intriguing as well.

Major Keynotes explored the **potential of controlled environment agriculture** and breakthroughs in **cellular agriculture**. Technical presentations covered topics like **microclimate control** for leafy vegetables, **precision environmental** control in agriculture, and the **SIGMA Rice Project**, which aims to track methane emissions in Southeast Asia.

The Day 1, of the Symposium ended with focus to **aquaculture feed**, with technical presentations on **beneficial fatty acids for fish and consumers**, the role of **encapsulation** systems in Singapore's aquaculture plan, and the use of **Artemia** as a model for aquaculture innovation. The day concluded with a research poster exhibition and networking opportunities during lunch.