



Singapore's journey towards sustainable food security showcased at the Singapore Food Story exhibition

Visitors to get a preview of the conceptual ideas for the Lim Chu Kang Agri-Food Hub

The Singapore Food Agency (SFA) is organising the Singapore Food Story public exhibition from 2-6 September 2023 to showcase Singapore's journey towards sustainable food security. Titled "*Feeding our Future: Building an Agri-Food Hub for all*", the exhibition will also give an overview of the vision for Lim Chu Kang (LCK) as Singapore's flagship agri-food production hub of the future.

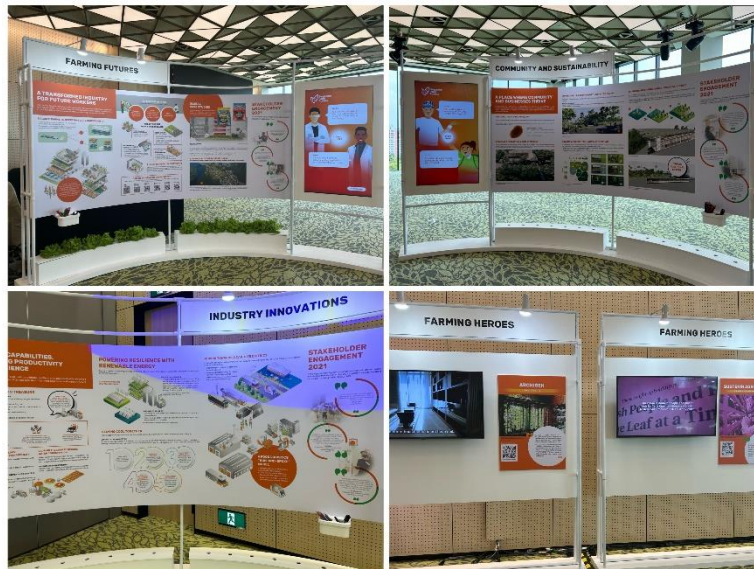
2 The world today is changing, and climate change, pandemics and disease outbreaks have also resulted in more global food supply disruptions. Against this backdrop, food security is critical for Singapore, and we each must play our part to ensure our food future. One key strategy is to grow food locally, so that we can secure a resilient food future.

Lim Chu Kang Concept Master Plan

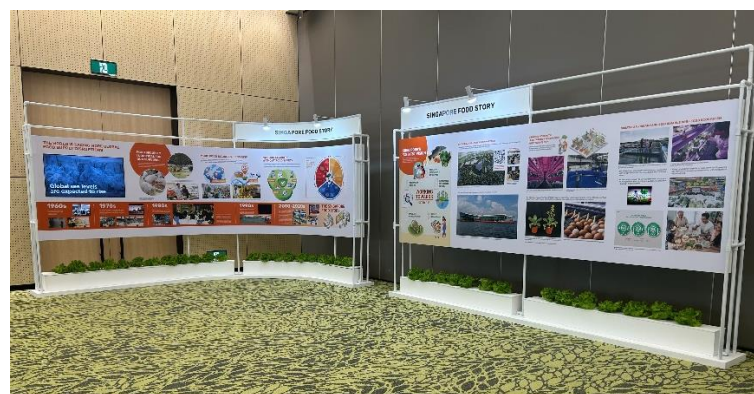
3 With less than 1% of Singapore's land allocated to agriculture use, we need to optimise our limited agriculture and aquaculture spaces. In 2020, SFA embarked on a holistic LCK Master Plan exercise to transform the LCK area into a highly productive and resource-efficient agri-food cluster. Since then, SFA has been working closely with various stakeholders, including government agencies and the industry, to explore key design ideas for the LCK Concept Master Plan that will encourage local farms to grow more with less and enable SFA to achieve our "30 by 30" vision.

Exhibition

4 The exhibition will highlight milestones of our agri-food industry, the challenges faced, and how Singapore must build our capability and capacity for local food production to ensure our food security. Visitors can also get a glimpse of what the future LCK could be like, with the exhibition featuring design ideas for the LCK Concept Master Plan. These include its potential farming practices and facilities, such as an innovative stacked farm concept which will optimise land use, a district cooling facility to provide cooling needs for farms and reduce energy consumption, and a centralised waste treatment facility to process farm waste collected from the district and reduce the negative impact on the environment.



Exhibition panels showing the conceptual ideas for the development of the LCK region and adjacent areas such as JTC's Agri-Food Innovation Park (AFIP) within the Sungei Kadut Eco-District.



The public can also learn about the Singapore Food Story with exhibition panels on how food security in Singapore has evolved over the years, and how we ensure and secure a supply of safe food today.

5 With limited space and resources, the decisions made to develop the LCK agri-zone may bring about various trade-offs. The public can learn about potential trade-offs through an immersive room game called 'Build Your LCK'. In this game, players can build their very own version of LCK by making choices for different aspects of LCK, with the goal of maximising food production with limited resources. As the consequences unfold, players get an insight on how different decisions can affect food production, resource consumption, land take and the environment.



During the 'Build Your LCK' game, players will answer questions and make decisions such as choosing between building a stacked indoor farm and a single layer outdoor farm at LCK. Stacked indoor farms take up less space and have less environmental impact but have higher resource consumption. In comparison, a single layer outdoor farm uses less resources, but has higher environmental impact.

6 The exhibition also features family-friendly games and activities, and visitors can also pledge to support local produce at the Feeding our Future Pledge Mural. In addition, visitors can purchase fresh local produce from about 20 farms at a farmers' market (2-3 Sep, 9am to 2pm).



One of the games at the exhibition is the Agri-Food Adventure, a game where visitors complete simple tasks at the exhibition venue. The first 250 participants to complete the Agri-Food Adventure per day will stand to win a local produce mascot keychain.

7 SFA encourages the public to learn more about local produce and Singapore's plans to transform LCK into a vibrant, sustainable and productive agri-food hub, as the public's continued interest in and support for local produce can spur our farms to be more productive to work towards our '30 by 30' vision.



8 For more information about the exhibition, visit <https://go.gov.sg/feedingourfuture>. For more information about the LCK Master Plan, visit <https://www.ourfoodfuture.gov.sg/master-planning-lck/ourvision/>.

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