Agri-Food Innovation Park (AFIP)

What is it?

We have established the Agri-Food Innovation Park (AFIP) as a pilot cluster to catalyse innovation in the agri-tech ecosystem, by bringing together high-tech urban indoor farming\(^1\) and associated R&D activities. The AFIP will be located within the Greater Sungei Kadut area, forming part of a larger Northern Agri-Tech and Food Corridor with food-related industries. We have chosen the location also to reserve space for expansion as our industry grows.

Future Agri-tech Hub @ Sungei Kadut

2. The first phase of the AFIP will be ready from 2\(^{nd}\) quarter of 2021, with potential for future expansion.

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\(^1\) Including both agriculture and aquaculture.
How does it work?

3. There is potential for Singapore to develop a model of urban food production that can be exported to the region, and supply high-value inputs and solutions for urban indoor farming to help cities in the region provide healthy and safe food to feed expanding urban populations. With Singapore’s good innovation climate, strong talent base, and strategic location in the region, we believe that Singapore can become a leading urban agriculture and aquaculture technology hub. This will also help to improve productivity of local farms and buttress our food security.

4. The various agencies (EDB, ESG, A*STAR, JTC, and AVA (which will become SFA from 1 Apr 2019)) have studied and proposed that one strategy to support the development of the agri-tech industry in Singapore will be the establishment of a dedicated cluster to support the following:

• Foster the co-location of activities across the urban agriculture and aquaculture activities, to enable innovation and the discovery of synergies across value-chains and between activities with adjacencies, as well as allow for the testing for potential agglomeration benefits.
  
  o For instance, the AFIP can increase opportunities for circular economy practices, where one company’s output potentially could be used as production inputs for another company’s operations.

• Build a name for Singapore as an urban agriculture and aquaculture technology hub, and as a source of premium and safe food produce.

2 Such as fish and shrimp feed, and integrated indoor agriculture and aquaculture systems.
• Serve as a better base to attract agri-tech companies, R&D talent and investment to Singapore, growing partners for Singapore companies and research institutions to undertake test-bedding and collaborative research.

5. Our agencies are engaging companies to come into AFIP to form part of the cluster.

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