

Sustainable Agricultural Development Fund - Approved Projects (As at 31 July 2024)

	Application number	Name of organisation	Project title	Nature of project	Project brief	Amount of grant approved (HK\$)	Commencement date	Expected completion date	Status of project
1	SADF 0003	City University of Hong Kong (Department of Biology and Chemistry)	Development of sustainable organic fertilisers for output maximisation of outdoor and indoor plant factories	Research and development of new products and new farming practices as well as knowledge transfer	The project aims to develop a water-soluble, odourless, stable and all-natural organic nutrient solution with an identifiable formula. Farmers will be invited to test the nutrient solution and the outcomes will be shared with the agricultural sector in Hong Kong.	2,803,696	1 January 2019	30 June 2022	Completed
2	SADF 0007	Hong Kong Organic Resource Centre Certification Limited	Management and operation of the organic certification system and its support initiatives	Certification of local organic crops	The project aims to implement and maintain the operation of the only internationally recognised third-party independent organic certification system in Hong Kong. The project will provide farmers with support and simplified application procedures for organic certification in order to encourage them to take part in organic certification, as well as to promote the organic certification programme. Training will be organised for farmers. Also, regular and surprise inspections will be conducted at organic farms and retail markets so as to safeguard consumers' rights and to strengthen their confidence in purchasing organic agricultural produce.	14,999,120	1 April 2019	31 January 2024	Vetting of final project report and audited accounts in progress
3	SADF 0008	Hong Kong Baptist University (Hong Kong Organic Resource Centre)	Promotion of local organic agriculture and image-building of professional organic certification	Promotion of local organic agriculture	The project aims to deepen the public's understanding in local organic agriculture and organic certification service, assist organic farmers in establishing local organic agriculture brands to capture market niches, enhance the support for organic farmers and boost consumers' confidence in purchasing local agricultural produce.	14,911,428	1 April 2019	31 March 2023	Vetting of final project report and audited accounts in progress
4	SADF 0012	The Federation of Vegetable Marketing Co-operative Societies, Limited	Comprehensive support and promotion scheme for agriculture	Support for local crop industry	The project aims to provide farmers with agricultural resources, support for agricultural operations and organic certification support services as well as quality organic seedlings and seeds. Support will be offered to enhance the farmers' efficiency in their daily operations and to assist them in achieving economy in their operating expenditure. The operation of the weekend farmers' markets will be maintained in order to provide a direct marketing platform for farmers to promote local organic agricultural produce.	14,145,672	1 April 2019	31 July 2023	Pending for submission of final project report and audited accounts
5	SADF 0009	City University of Hong Kong (College of Veterinary Medicine & Life Sciences)	Improving pig health and production in Hong Kong	Development of local pig farming industry	The project aims to identify the major constraints on pig health and production in Hong Kong and to develop interventions that will result in improved productivity, pig welfare, food safety and monitoring for early warning of new and emerging zoonotic diseases etc. Based on the needs of individual pig farms, a tailored pig health and production management service programme will be delivered to the farms.	14,997,912.64	1 March 2019	31 July 2021	Completed
6	SADF 0010	City University of Hong Kong (College of Veterinary Medicine & Life Sciences)	Improving poultry health and production in Hong Kong	Development of local poultry farming industry	The project aims to identify the major constraints on poultry health and production in Hong Kong and to develop interventions that will result in improved productivity, poultry welfare, food safety and monitoring for early warning of new and emerging zoonotic diseases etc. Based on the needs of individual poultry farms, a tailored poultry health and production management service programme will be delivered to the farms.	14,961,146.35	1 March 2019	31 July 2021	Completed

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7	SADF 0013	Hong Kong Productivity Council	Technology demonstration project on application of advanced sewage treatment technologies for local pig farms	Technology demonstration and knowledge transfer of sewage treatment technologies for local pig farms	The project aims to devise and construct an advanced and automated sewage treatment demonstration system in order to enhance sewage treatment technologies for local pig farms. The system provides remote monitoring of operation with energy recovery function. Seminars and visits will also be organised with a view to promoting sewage treatment technologies and facilities.	4,950,000	1 January 2019	30 June 2021	Completed
8	SADF 0024	The Chinese University of Hong Kong	An interactive and sustainable platform for new farmers (Phase I): agricultural pests commonly found in Hong Kong	E-platform development and knowledge transfer	The project aims to provide an interactive and sustainable electronic platform, which is about agricultural pests commonly found in Hong Kong, for new farmers. By making observation for two consecutive years, pests found in agricultural products in Hong Kong and the types of edible plants where they inhabit in various farms will be identified and recorded during different seasons. In addition, the findings of the survey and other related information (including methods for pest control) will be uploaded to a free and public interactive platform (i.e. mobile application and website).	2,512,026	1 January 2020	31 December 2021	Completed
9	SADF 0025	Sustainable Ecological Ethical Development Foundation Limited	Version 3.0 of Hong Kong agriculture: a sustainable development project of vegetable supply chain	Provision of an online information platform, organisation of courses as well as knowledge transfer	The project aims to achieve knowledge transfer, branding, marketing, social cohesion, etc. through reviewing and exploring the development of the local vegetable industry chain, establishing agricultural community colleges and developing mobile applications to enhance the overall standard of local agriculture and farmers' competitiveness.	5,909,256	1 January 2020	31 August 2022	Vetting of final project report and audited accounts in progress
10	SADF 0029	The Chinese University of Hong Kong	Hong Kong Seed Technology and Education Center	Development of a seed bank and database, and screening of resistant seeds	The project aims to develop a seed database and a physical seed bank, screen climate-adapted seed varieties and provide purification service for the local germplasm. The project also promotes the education and information exchange of quality seeds through seminars, talks, community activities etc., thereby enhancing the capabilities of quality assessment of seeds in Hong Kong's agriculture industry.	6,529,670	1 July 2020	30 September 2022	Vetting of final project report and audited accounts in progress
11	SADF 0039	Hong Kong Baptist University (Institute of Bioresource and Agriculture)	Field trials to compare common melon/fruits flies control methods in Hong Kong	Research and development of new products and new farming practices as well as knowledge transfer	The project aims to conduct research on the control of melon/fruit flies by adopting the integrated pest management approaches of sex attractants and bagging method in order to reduce the use of chemical pesticides and suppress the population densities of melon/fruit flies to below economic injury level, thereby increasing crop yields of melons and fruits, enhancing their qualities as well as generating a higher income for farmers. In the long run, the project provides the organic agriculture industry with new guidelines on the control of melon/fruit flies to facilitate the sustainable development of the local agriculture industry.	997,338	15 January 2022	31 December 2022	Vetting of final project report and audited accounts in progress

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12	SADF 0040	The Federation of Vegetable Marketing Co-operative Societies, Limited	Pilot Scheme on Marketing and Branding of Graded Local Vegetables	Facilitation of branding and marketing of local agricultural produce	The project aims to establish genuine local brands and provide a stable supply of quality local vegetables for retailers engaging in the marketing of agricultural produce in peripheral markets by offering guidance to vegetable marketing co-operative societies and farmers on the grading of agricultural produce and establishing regional packaging and distribution centres in order to facilitate purchases by members of the public and to meet market demand.	14,852,376	1 March 2022	28 February 2025	In progress
13	SADF 0042	City University of Hong Kong (College of Veterinary Medicine & Life Sciences)	Application of advanced health management to enhance the productivity of chicken flocks, as well as the food safety and quality of chicken meat	Development of local poultry farming industry	The project aims to introduce advanced health management measures to enhance the productivity of chicken flocks, as well as the quality and food safety of chicken meat; develop a culture in which professional diagnosis and prescription by veterinary surgeons registered in Hong Kong are required for the use of antibiotics in chicken farms; and to provide professional veterinary services for local chicken farms to improve the health and productivity of the chicken flocks.	14,389,176	1 March 2022	31 July 2024	The grantee is applying for project extension.
14	SADF 0043	City University of Hong Kong (College of Veterinary Medicine & Life Sciences)	Introduction of technology and health management tools to enhance production efficiency, product safety and quality of pig farming industry in Hong Kong	Development of local pig farming industry	The project aims to enhance the production efficiency, product safety and quality of domestic pigs via advanced health management tools and measures; to provide health and production management services that cater the needs of local pig farms; and to provide veterinary consultation services for pig farms in Hong Kong.	14,996,610	1 March 2022	30 November 2024	In progress
15	SADF 0047	The Un Long Sung Ching San Tsuen Pig Raising Co-operative Society Ltd	Architectural Design Guidelines for Multilayer Livestock Farms and Feasibility Study on the Setting Up of a Multilayer Livestock Farm at a Trial Site	Development of local livestock industry	The project aims to provide a general layout plan, a design brief proposal, a draft plan, and a set of architectural design guidelines for the planning of multilayer livestock farms for use as a reference for the preparation of architectural proposals that comply with the statutory requirements and planning restrictions; and conduct a feasibility study on the setting up of a multilayer livestock farm at a trial site, which covers the design, approval and construction stages.	1,990,126	1 October 2022	31 May 2024	In progress
16	SADF 0050	The Chinese University of Hong Kong	Hong Kong Seed Technology and Education Center 2.0	Development of a seed bank and database, research and development of new products and new farming practices as well as knowledge transfer	The project aims to develop a shared data and knowledge base on seeds to explore the potential of seeds through cross-disciplinary efforts by combining scientific research experiments with big data with a view to promoting seed localisation and establishing a systematic reserve of seed resources, as well as developing an automatic forecast system and a planning tool to support the operation of existing farmers and new blood. It also aims to assist applicants of the Sustainable Agricultural Development Fund in drafting their proposals.	14,878,500	1 April 2023	31 March 2027	In progress

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17	SADF 0048	The Federation of Vegetable Marketing Co-operative Societies, Limited	Comprehensive Agricultural Support and Promotion Scheme 2.0	Support for local crop industry	The project aims to provide various programmes and services to support the organic farming sector. Such programmes and services include the modernised quality seedling production programme, the agricultural big data platform, the seed promotion programme, the agricultural supplies promotion programme, organic certification support services, the agriculture publicity and promotion campaign as well as the operation of the Tai Po Farmers' Market. The applicant organisation will take an exemplary role in providing local organic farmers with modernised equipment and identifying the most suitable farming practices through big data analysis with a view to helping local farmers enhance their productivity and competitiveness, thereby achieving sustainable development.	14,234,975	1 August 2023	31 July 2026	In progress
18	SADF 0059	Farmket Limited	Agricultural Study Tour to Singapore	Development of new products and new farming practices as well as knowledge transfer	The project aims to gain an understanding of the development trend of urban agriculture in Singapore and details of the planning, supporting facilities, technologies, promotion and marketing involved through field study, with a view to exploring the feasibility and direction of developing urban agriculture in Hong Kong. Through the study tour, the applicant organisation will learn the latest agrotechnologies, such as artificial intelligence, robotics, Internet of Things (IoT) farm management system, vertical farming, etc. and select those suitable for Hong Kong so as to help enhance the production efficiency of crops and the quality of agricultural products, as well as optimise the use of land resources. Besides, the applicant organisation will arrange industry representatives participated in the study tour to share the knowledge they have gained in the tour with related bodies/other farmers. Seminars will also be organised to share information about modernisation of agriculture with the industry to improve its overall technical competence.	604,000	27 September 2023	26 March 2024	Vetting of final project report and audited accounts in progress
19	SADF 0052	Hong Kong Organic Resource Centre Certification Limited	Management, Operation and Support for an Organic Certification System, and Publicity and Education of Organic Certification	To help promote brand-building and marketing of local agricultural produce	The project aims to provide various supporting services for local organic agricultural industry. Its key objectives include: to maintain and optimise the organic certification system with a view to enhancing certified farmers' capabilities and their understanding on the harvesting and marketing requirements of their organic produce; to enhance public confidence in purchasing certified local organic agricultural produce and to promote organic food consumption through publicity and education; and to educate the young generation on organic farming through theory and practices so as to encourage them to engage in organic farming.	14,899,370	1 February 2024	31 January 2027	In progress

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20	SADF 0051	The Hong Kong Polytechnic University	Research and Development of Bio-fortification Technology for Precision Hydroponics	Research and development of new products and new farming practices as well as knowledge transfer	The project aims to develop bio-fortification technology for precision hydroponics and to analyse the effect of different chemical forms and concentrations of calcium, iron and iodine on the growth of the common vegetables in Hong Kong. Through co-operation with a local hydroponic farm, the applicant will set up a pilot-scale production line and formulate the standard operating procedure (SOP) under which the fortified hydroponic vegetables will be tested and evaluated. The applicant will also conduct <i>in vitro</i> studies to analyse the effect of different cooking methods on the calcium, iron and iodine content and intestinal absorption rate of the fortified Chinese hydroponic vegetables. Through publicity and public education, the applicant will also seek to expand the market of local hydroponic vegetables and build up a long-term consumer group.	3,580,000	1 July 2024	31 December 2026	In progress