

## Environmental Research, Technology Demonstration and Conference Project

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| <b>ECF Project:</b>                      | ECF 2021-30   |
| <b>Project Title:</b>                    | Black Soldier Fly 2022: From Basic Science to Applications – An international conference  |
| <b>Principal Investigator:</b>           | <ol style="list-style-type: none"> <li>1. Dr Lam Yun Wah, Department of Chemistry, City University of Hong Kong (CityU)</li> <li>2. Professor Olivier Sparagano, Department of Infectious Diseases and Public Health, CityU</li> </ol>  |
| <b>Total Approved Grant:</b>             | \$224,900 or 70% of the total actual expenditure  |
| <b>Duration:</b>                         | 1/1/2022 to 30/9/2022   |
| <b>Project Status/Remarks:</b>           | On-going  |
| <b>Project Scope:</b>                    | <p>This is a proposal for the first international conference on Black Soldier fly (BSF, <i>Hermetia illucens</i>) in Hong Kong. This conference will bring together local and international experts to discuss recent developments of the research and application on this organism, especially in the context of food waste recycling, and the resulting environmental products such as enriched compost and nutritional animal feeds. It is hoped that this conference will enhance local interests in the use of insects for research, industrial development and environmental conservation, as well as to introduce first-hand experiences in the use of BSF from other Asian countries.</p> <p>With the opening of the first commercial BSF farm in Hong Kong in July 2021, the age of insect-based food waste recycling has dawned on this city. The project team anticipates that local interests in BSF in terms of scientific, environmental, economic, and industrial applications will rapidly increase. The project team believes an international conference on BSF in Hong Kong is extremely timely, as it will promote the awareness of this field of research, thus accelerating the adoption of insect-based food waste economy in Hong Kong.</p> |
| <b>Summary of the Findings/Outcomes:</b> | To be available upon completion of the project  |