



**IMPACT**  
FESTIVAL 2025

# Interactive works

## 5W1M (SWIM)

23ADKK01

3D Virtual World of the Kampung

Dr. Ng Kheng Khoon (IEx Supervisor)

Dr. Roweena Yip (CP Advisor)

Malaysia

In Kampung Air, Sabah, waste management is often lacking on land and in water, generating long-term health and environmental issues alongside bad odour and landscaping. This team worked on a waste management project with local organisations Borneo Komrad and Amwil, creating a 3D virtual world in Minecraft for anyone to experience the village's environment in first-person. This is especially important as the village has also been slated for eviction by the Malaysian government, and the group felt it pressing to gift the locals a space to conserve their culture and create their own narrative.

## Voideckies

23ADKS02

Voideckies

Dr. Kiven Strohmer (IEx Supervisor)

Ms. Bernice Wong (CP Advisor)

Singapore

This team created a board game based on their biweekly interactions with the Bukit Purmei community. Representations of the various stakeholders they have worked with also reflect their insights on rediscovering HDB void decks as a site for socialisation--the way it was imagined when the first HDBs were built.

## AgriGenZ

**23STJK04**

Sustaining Urban Farming through Generations

Dr. Jerome Kok (IEx Supervisor)

Dr. Roweena Yip (CP Advisor)

Singapore

This team worked with students from Chua Chu Kang Secondary School on a corridor farming programme. This project responds to Singapore's drive towards local agriculture and the potential for schools to galvanise interest in the industry amongst youths. Explore the corridor farming kits used in the programme.

## LFG - Local Farm Gastronomica

**23STJK05**

From Soil to Sustenance: Boosting Local Farmers for Financial Sustainability and Food Security

Dr. Jerome Kok (IEx Supervisor)

Dr. Roweena Yip (CP Advisor)

Singapore

Singapore's "30 by 30" food security goals have a major obstacle to overcome: the mismatch between supply and demand for local produce in the market. To encourage consumers to choose local produce, the team offered Farm-to-Fork workshops in Sembawang together with their partners. Spend some time interacting with local produce, while learning from recorded interviews with local urban farmers.