



Green Shoots Cambodia

Cambodia



FIRM [Squire and Partners](#)

TYPE Educational › Other

STATUS Built

YEAR 2018

A new community Agriculture & Technology centre has launched in Krong Samraong, Cambodia, designed as a collaboration between Squire & Partners and SAWA for the Green Shoots Foundation. Built by local contractors, farmers and 16-25 year olds over a four-month period - assisted by volunteers from the UK - the development provides education in agricultural technologies to support children and adults in the local community, and facilitates opportunities for enterprise.

The masterplan elements are designed to be responsive to the tropical climate – with raised floors to negate flood risk, screens to diffuse sunlight whilst providing ventilation, and overhanging roof eaves for the rainy season – as well as utilising local resources, labour and skills.

The main structure provides a multi-use hall with office and storage spaces, and a full width screened veranda. Within a robust rectangular steel frame, the primary building materials comprise bricks made on site from stabilised earth, rice husk/clay blocks and bamboo screens. Cassava and sand plaster is used to render walls, created in collaboration with local organic farm OrganiKH.

Internally, a cast entrance ramp with bamboo imprints leads to a flexible screened veranda space with built-in countertops used for workshops or as pop up shops for local producers. Office and storage uses provide separation between the social veranda, and two generous classrooms set either side of a central hallway.

<https://sawarchitecture.com/>

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