

HDB Greenprint Brings Sustainable & Green Living to 5,800 Households in Teck Ghee

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Published on: 18 Jul 2019

About 5,800 households in Teck Ghee can look forward to an improving environment under the HDB Greenprint (HDBGP) 4.0. The HDB Greenprint in Teck Ghee was launched in April 2019 for Phase 1 of the project. It includes the first installation of the HDB Greenprint bringing sustainable living to public housing estates. This is a significant milestone in the HDB Greenprint programme, which is a commitment to create a greener, more sustainable living environment for all.

1. Under award and large-scale building site for the HDB Greenprint, this launch marks the completion of HDB's efforts in bringing green living to more residents, including HDB estates. HDB's under the HDB Greenprint will be carried out in phases from 2019 to 2028, and benefit 40 blocks from Block 401 to 421 and 424 to 428, Ang Mo Kio Avenue 10.

3. The HDB Greenprint will introduce sustainability initiatives in areas such as waste management, as well as energy and water conservation. HDB includes, among others:

- construction of an automated water collection system
- installation of solar panels on roof-top
- enhancement of pedestrian paths and cycling tracks
- installation of automated bicycle parking facilities
- introduction of greenery around the neighbourhood

HDB will be holding an exhibition at Teck Ghee Square (in front of the hawker centre at Block 401) to highlight the key HDB Greenprint initiatives and gather feedback from residents. The various green initiatives under the HDB Greenprint in Teck Ghee are summarised in the [docs](#).

Retrofitting and Improving Teck Ghee with Sustainable & Smart Features

4. The HDB Greenprint in Teck Ghee will cost approximately S\$8.3 million. The Pneumatic Waste Collection System (PWCS) in Teck Ghee will have a network of underground pipes totaling about 4.1 km in length. This will be HDB's second largest installation of an automated waste collection system in a mature estate, following the PWCS at Puhar, which spans about 40 km. Household waste will be automatically vacuumed through the underground pipes into a centralised bin system. PWCS will minimise pest infestation, food and organic waste spillage, offering residents a cleaner and greener living environment. With the PWCS, it also eliminates the need for workers to collect garbage manually.

5. Another feature of the PWCS is the integration of smart technology, which allows for better waste measurement at the individual chute level, and triggers waste collection only when a certain amount of waste is detected to be available. In addition, the data can be used to monitor and optimise the waste collection process.

HDB Greenprint

Singapore

A roadmap for sustainable public housing that includes Passive Cooling System measures, such as shading devices and greenery, to reduce energy consumption.

Affordable and Clean

Sustainable Cities & Communities

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