

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

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About 5,800 households in Teck Ghee can look forward to an improving living environment under the HDB Greenprint (HDBGP) 4.0. The HDB Greenprint in Teck Ghee was launched in April 2019 for a series of steps to realise, for the first time, the first residential (RAC) the HDB Greenprint bringing sustainable living to public housing estates. This is a significant milestone in the HDB Greenprint implementation, with work scheduled for completion later this year.

1. Better access and larger new building site for the HDB Greenprint. The launch marks the completion of HDB efforts in bringing green living to more residents in existing HDB estates. Works under the HDB Greenprint will be carried out in phases from 2019 to 2026, and benefit 40 blocks from Block 401 to 421 and 434 to 454 along the Avenue 10.

3. The HDB Greenprint will introduce sustainability initiatives in areas such as waste management, as well as energy and water conservation. Works include, 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 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 through the day 10 to showcase the proposed plans 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\$3.3 million. The Passive Water Conservation System (PWCS) in Teck Ghee will have a network of under pipes totaling about 6.1 km in length. This will be HDB's second largest installation of an automated water collection system in a multi-story, following the PWCS which spans about 40 km. Household waste will be automatically vacuumed through the underpiped system into a centralised bin system. PWCS will minimise pest and smell and water waste, 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 stack, and triggers waste collection when a certain amount of waste is detected. In addition, the data can be used to monitor and maintain the system.



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.

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