



lyf **GSTC 2024**



**technology + sustainability** – lyf one-north Singapore



# lyf Sustainival – lyf one-north Singapore



## Three Pillars

Environment

Human

Technology



### lyf x GreenLoopFarms

Guests were invited to explore microgreens in a hands-on workshop, harvesting fresh ingredients for a salad and learning to grow their own with a DIY upcycled kit.



### lyf x a gentle pace

Guests were invited to a mindfulness workshop featuring breathing exercises, movement, and sound healing to enhance well-being and reduce stress.



### lyf x Anywheel

Guests were invited to join the excitement of our electric slot car race, powered by pedaling on an Anywheel bike, for a chance to win a prize!

# Green Features - Enabling a holistic sustainable ecosystem



**Natural ventilation from external staircase (w/ planter boxes) – Vertical Gym (open-to-sky) avoiding the need for pressurized staircase (reducing energy consumption)**



**Mechanically ventilated corridor (low energy) – Designed to reduce energy use, as corridors make up a significant part of the property's floor area**



**Room occupancy sensors - Reducing AC and lights usage, contributing approx. 36% of energy savings.**



**Designed with sun shading fins (laminated low-e DGU) – Fitted to reduce façade solar heat gain**



**VRF air-conditioning system – Efficient system that contributes to ~27% of energy savings**

**Heat pump system – Efficient system that contributes to 17% of energy savings**

# Partnerships – Enabling a holistic sustainable ecosystem

lyf



**lyf x CREUSE** – A collaboration promoting sustainability by repurposing damaged wooden crates. This initiative benefits the environment and fosters bonding among residents.

**lyf x The Plastic Project Singapore** – A partnership to upcycle the property's plastic waste into lyf branded merchandise that residents can use daily.



**lyf x Ye Olde Cow Foodtruck** – Partnering with a food truck to serve delicious smashed dry-aged beef burgers, enhancing value for our guests and community.