



# *Land Transport Excellence Awards 2022*

Land Transport  Authority  
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# AWARDS

## Sustainable Transport Category

### Best Car-Lite Advocate

*Recognises and honours the most outstanding organisation(s) for developing, promoting or implementing sustainable mobility initiatives within their developments.*





Award Finalist - Sustainable Transport  
**Best Car-Lite Advocate**

## AEDAS PTE LTD & JTC CORPORATION

**Award Title** : Best Car-Lite Advocate

**Award Criteria** : This award recognises and honours the most outstanding organisation(s) for developing, promoting, or implementing sustainable mobility initiatives within their developments.

**Organisation** : AEDAS Pte Ltd & JTC Corporation

**Project** : Woodlands North Coast

Woodlands North Coast (WNC) is envisioned to be a car-lite district by encouraging residents to switch to more sustainable modes of transport, such as public transport and active mobility. The upcoming Integrated Transport Hub (ITH, which integrates the Johor Bahru – Singapore Rapid Transit System (RTS) Link, MRT and bus interchange) at the core of the mixed-used WNC district will catalyse its transformation to be the northern gateway of Singapore.

AEDAS led and facilitated the WNC multi-disciplinary team to formulate comprehensive strategies to transform WNC's car-lite district vision into a masterplan. The masterplan features various pedestrian-friendly and car-lite initiatives such as:

- A dedicated corridor for public transport, pedestrian and active mobility designed as the central spine.
- Potential activities and programmes to promote safety can be planned along the pedestrian pathways .
- Optimise underground and basement spaces to free up the ground floor for pedestrian movement and supporting retail amenities.
- Reduce car parking provision and promote seamless integration with the ITH to promote the use of public transport.
- Building of facilities and amenities to support last-mile WCR travel.





Award Finalist - Sustainable Transport  
**Best Car-Lite Advocate**  
**JTC CORPORATION**

**Award Title** : Best Car-Lite Advocate

**Award Criteria** : This award recognises and honours the most outstanding organisation(s) for developing, promoting, or implementing sustainable mobility initiatives within their developments.

**Organisation** : JTC Corporation

**Project** : Car-Lite Initiatives for JTC's Industrial Estates

JTC actively adopts and advocates the importance of car-lite measures in the planning, design and development and management of its other industrial estates through four aspects: (1) Planning & Policy, (2) Infrastructure, (3) Green Mobility Initiatives and Explorations, and (4) Research, Education, and Outreach.

1. **Planning and Policy.** JTC plans polycentric developments in conjunction with the transport network (public transport nodes, active mobility corridors, integrated pick-up drop-off points for company buses etc.) to support high public transport mode-share. As master developer, JTC also manages parking provisions, balances parking demands at the estate level through car park lots conversion, and adjusts parking fees where necessary to support car-lite goals. Initiatives such as District Logistics Network were also planned for greenfield estates to consolidate the movement of logistics vehicles.
2. **Infrastructure.** To promote Walk-Cycle-Ride (WCR) and ensure good connectivity, amenities such as cycling paths, covered linkways and End-of-Trip (EOT) facilities were planned and implemented in industrial estates. In addition, traffic calming measures, wayfinding signages and hub parking were also adopted to improve the accessibility and walkability within the estates.
3. **Green Mobility Initiatives and Explorations.** Since 2015, one-north and Jurong Island are designated testbed grounds for Autonomous Vehicles (AVs) and there are ongoing exploration to deploy AV bus in one-north. To promote vehicular electrification, JTC is also implementing electric buses in one-north and will plan to have 15% of car park lots installed with EV charges by 2030.
4. **Research, Education and Outreach.** The one-north Collective was formed in 2019 to share various estates activities and to discuss potential collaborations among the community. Publicity channels were used to raise awareness and educate the community about various car-lite initiatives.





Award Finalist - Sustainable Transport  
**Best Car-Lite Advocate**

## **NATIONAL PARKS BOARD**

**Award Title** : Best Car-Lite Advocate

**Award Criteria** : This award recognizes and honours the most outstanding organization(s) for developing, promoting, or implementing sustainable mobility initiatives within their developments.

**Organisation** : National Parks Board

**Project** : Park Connector Network

Conceptualised by NParks in the 1990s, the Park Connector Network (PCN) forms an island-wide matrix of green corridors linking parks, nature areas and residential estates. The PCN had been instrumental in supporting Singapore's Car-Lite goals, providing an important corridor used for leisure, commute, and even e-commerce/delivery. Its positive impact in encouraging active mobility was especially evident during the COVID-19 pandemic, as seen from the popularity of PCN usage among residents.

Over the years, NParks has worked to enhance the PCN with amenities and features such as cycling bridges, underpasses, restrooms, fitness stations, barrier-free accesses, drinking fountains, bicycle parking spaces and bike rental stations. All these helped to improve the experience along the PCN, making it a popular route choice and destination in itself.

To promote greater community stewardship in the management of PCN, NParks formed the Friends of Park Connector Network (PCN), where stakeholders, volunteers and enthusiasts can come together to develop community-led initiatives. NParks also worked closely with LTA, PUB, and URA to plan and implement new park connectors and cycling paths to augment the existing network.

Today, there are 360km of park connectors serving both recreation and commuting needs of Singaporeans. By 2030, this will be increased to 500km, further enhancing public access to the gardens, parks, and various destinations.



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