

Design Goal

The Park Connector Network (PCN) of Singapore is an island-wide network of linear green corridors linking major parks and nature areas across Singapore. These park connectors were created to exploits linear spaces that are too narrow for other use, by converting these into landscaped footpaths and bicycle lanes that link parks and nature areas. At the same time, it also encouraged social interaction with its diverse palette of recreational green opportunities.

Challenges

However, this park connector, situated adjacent to the SUTD stadium, is currently under-utilised. This is primarily because the park connector occupies a rather secluded location. Additionally, the forested area alongside the water canal contributes to the park connector appearing dimmer compared to the well-lit pavements adjacent to the main roads. Consequently, these factors lead users to feel less secure, thereby discouraging their utilisation of this pathway.

Design Goal

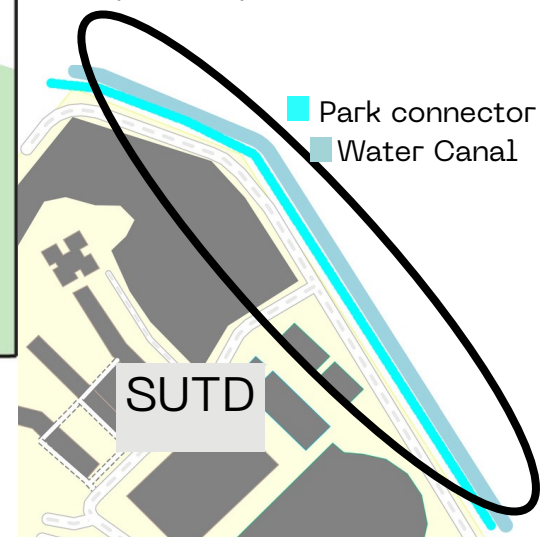
Hence the goal of the project is to design interactive light installation on the running path. The light installation will help to brighten up the park connector and improve the safety of runners. The interaction would also engage the users that choose to walk and stroll on the path thus improving the social interaction between the people of Changi Business park and Upper Changi.

Site Drawing

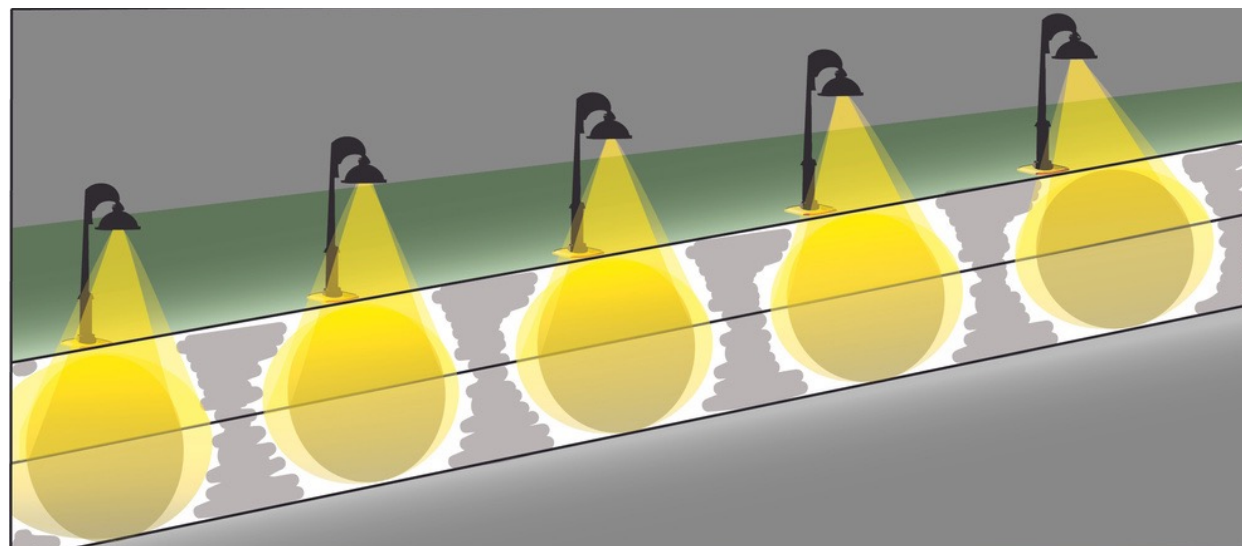
Illustrated view of the park connector



Map of the park connector



Night view of the park connector



Macro AEIOU

ENVIROMENT

Luminosity

Throughout **the day** it is **well lit** due to the sun
At **night** it is lit by **street lamps that are evenly spaced** along the park connector. However it is still **dimly lighted due to the forested area**

Temperature

High temperature with **minimal shade** from the trees during the day

Moderate temperature during the early morning and late evening

ACTIVITY

Day

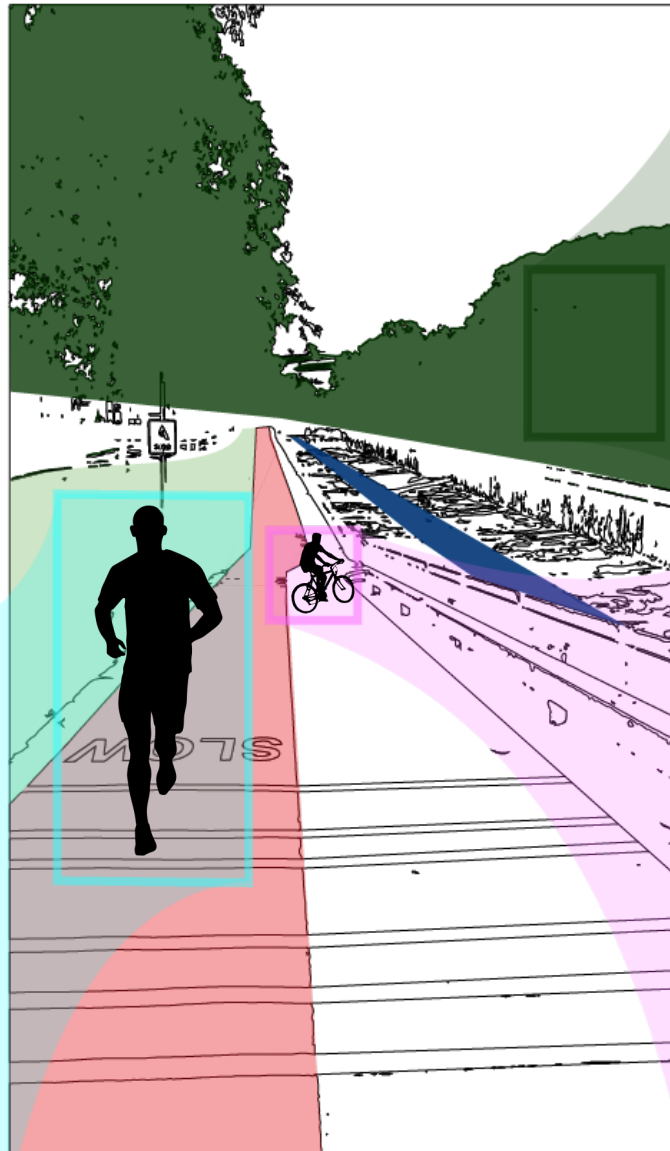


People and cyclists uses it as a **shortcut** from upper changi to the **changi business park bus terminal and changi business park**

Night



Upper changi residents and occasionally SUTD students would use it as a **place to exercise** through running or **take a stroll** and **unwind from their day's activities**



INTERACTION

Minimal interaction between users by people that use it as a **shortcut**
Residents taking a stroll and **enjoying the nature scenery**



OBJECT

Park connector is a walking path and running path that follows the outline of SUTD from SUTD's car park entrance C to Upper Changi Road East

Forested area

Water canal

Street lamps

Slow sign



USERS/PERSONAS

Mary (Woman, Age: 40)

Timing: At night after her work

Activity done: Strolls at the park connector, accompanied by her husband

Purpose: Mental relaxation and some basic fitness

Concerns : The place is slightly dim, even with the street lights
Slightly secluded location raise concerns about safety
Cyclists using the track may be dangerous, when they speed

Tom (Male, Age: 30)

Timing: In the morning

Activity done: Uses the park connector to get to Changi bus terminal

Purpose: To take a bus to work

Saves time and money as he need not take a bus to the interchange to transfer to the bus that takes him to his workplace

Concerns: The temperature in the morning can be quite hot

Xiao Ming (Male, Age: 22)

Timing: Late afternoon or evening

Activity done: Exercising through running, occasionally with a friend

Purpose: An alternative to the school's running track as running repetitively in the same direction around the long curves of the track can be hard on his hips and ankles

Concerns: The place is slightly dim during the evening
Under utilised so it feels slightly unsafe