

BUS PLANNING

BEHIND THE SCENES

Ever puzzled over a new bus service or detour? In this infographic, work with the Land Transport Authority (LTA)'s bus planners to learn how they connect a new estate to nearby amenities. It's mind-boggling!

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START HERE

Imagine:
New estate LaParee Park will be ready in four years. Work with LTA's Bus Planning Division to link new residents to the integrated transport hub and town amenities.

1. DO RESEARCH

Study land use data from HDB and URA

The number of housing units can show the potential number of new commuters

Check what services currently run in the area



Analyse EZ-Link ticketing data of existing routes

Number of commuters who board and alight at bus stops and will be affected by changes
Boarding and alighting times show how long a commuter's journey is

Walk the ground if necessary



To better understand the impact to commuters



Option 2

ADD A NEW FEEDER BUS SERVICE

New residents get a direct service home from the integrated transport hub
Other residents get another option for getting around town
More resources are needed for this new service

GO

The overall benefits justify a new feeder service

But will this be enough to meet the greater demand?

2. MAKE A DECISION

Option 1

RE-ROUTE AN EXISTING BUS SERVICE

This links LaParee Park to neighbourhood amenities

But 500 other residents are affected. They may have to:

3,000 new residents benefit
Walk to another bus stop further away
Spend more time on the bus due to a detour
Pay slightly higher fares

Option 3

IMPROVE EXISTING

BUS SERVICES NEARBY

Increasing bus frequency allows more options for new residents

All residents get more bus arrival timings and less crowded buses

More buses and drivers are needed to provide more trips

GO

Residents benefit and the need for more resources is manageable

4. SEEK VIEWS ON THE GROUND

You and Community Partnership Division (CPD) colleagues explain the new route and why certain requests cannot be met
Key grassroots leaders and advisers convey residents' concerns and later help to explain the new route to them

Be sure to reply to all feedback or requests!

Consult LTA partners on building covered walkways so that residents can walk more comfortably to bus stops

LTA's Bus Planning Division gets about five pieces of feedback daily, usually requests for more direct bus connections

LTA took over central bus planning in 2009 but the operators are still important to the planning process

Which roads or junctions must first be modified before buses can pass?

Is a route too long? That affects the drive time for bus drivers

3. CONSULT PUBLIC BUS OPERATORS

They provide operational input on the planned route and may suggest alternative routing

GUIDING PRINCIPLES

ENHANCE BUS JOURNEYS

Review travel time, crowdedness, bus frequency and reliability

USE RESOURCES EFFICIENTLY

To keep fares affordable and the bus network financially sustainable

INTEGRATE MRT AND BUSES

Plan bus routes to complement the MRT network

6. CLOSE THE LOOP

You and CPD colleagues can suggest:

Community representatives and residents often ask for further improvements



Walking to another bus stop for other bus services



Mobile apps to check bus arrival timings

5. PUBLICISE THE NEW SERVICE



The route and timings for the new service



Locations of new bus stops



The Public Transport Council approves the new bus service



The grassroots leaders and advisers accept your proposal