

# Free-Flow Tolling System

*Pay with Tag • Drive with Ease*

Government Tolled Tunnels + Control Area



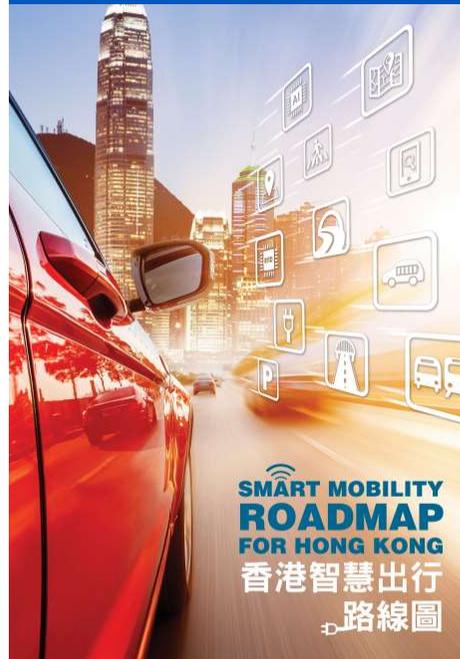
# Smart Mobility Initiative

Smart City  
Blueprint

Hong Kong  
Smart City  
Blueprint



Smart Mobility  
Roadmap

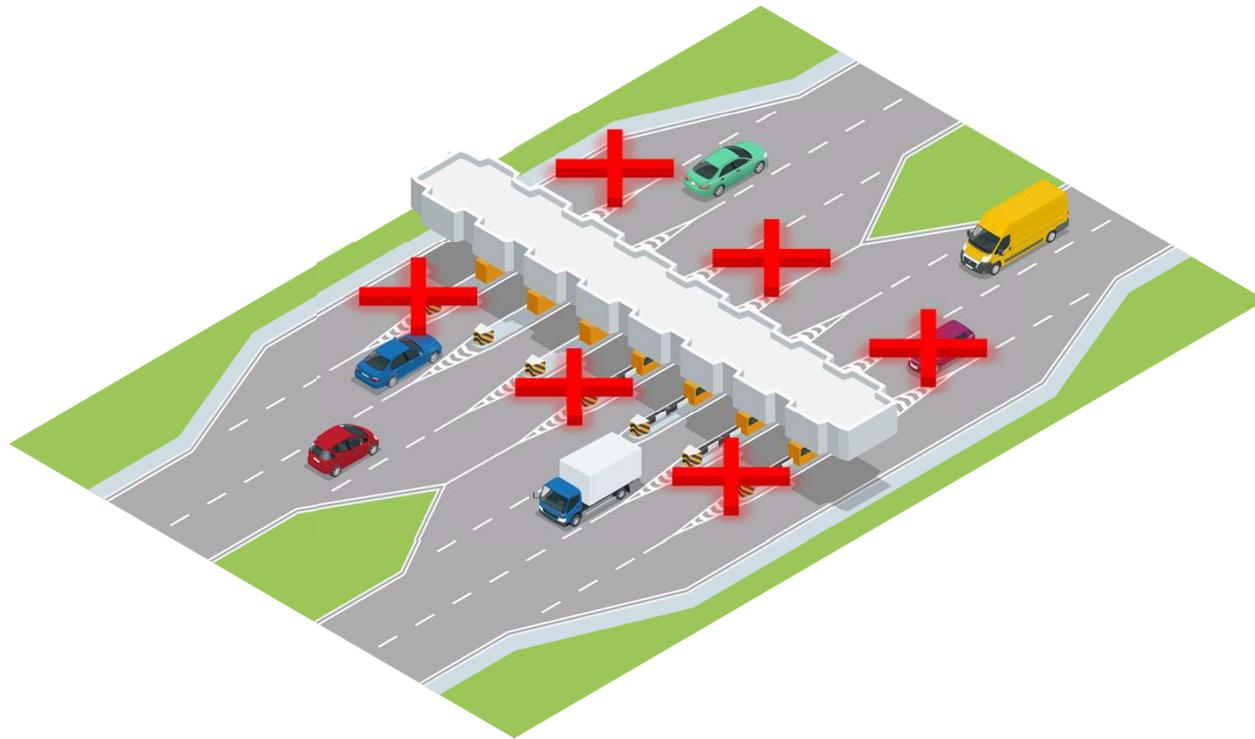


*Free-Flow  
Tolling*



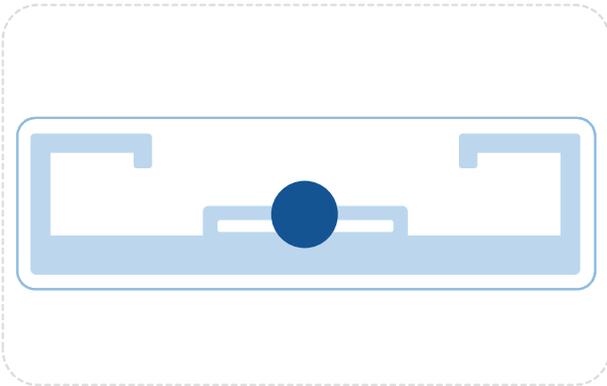
# Free-Flow Tolling System (FFTS)

No Toll Booths



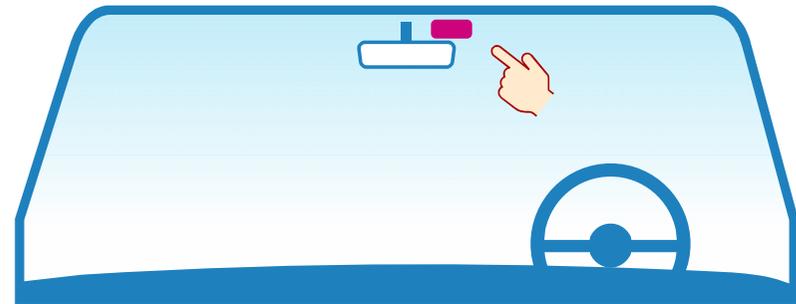
# How to Install

## 1 Vehicle-specific Toll Tag



**Issue to Vehicle Owners,  
Linked to a Specific Vehicle**

## 2 Affix to Windscreen



**No Power Supply Required  
Easy to Install**

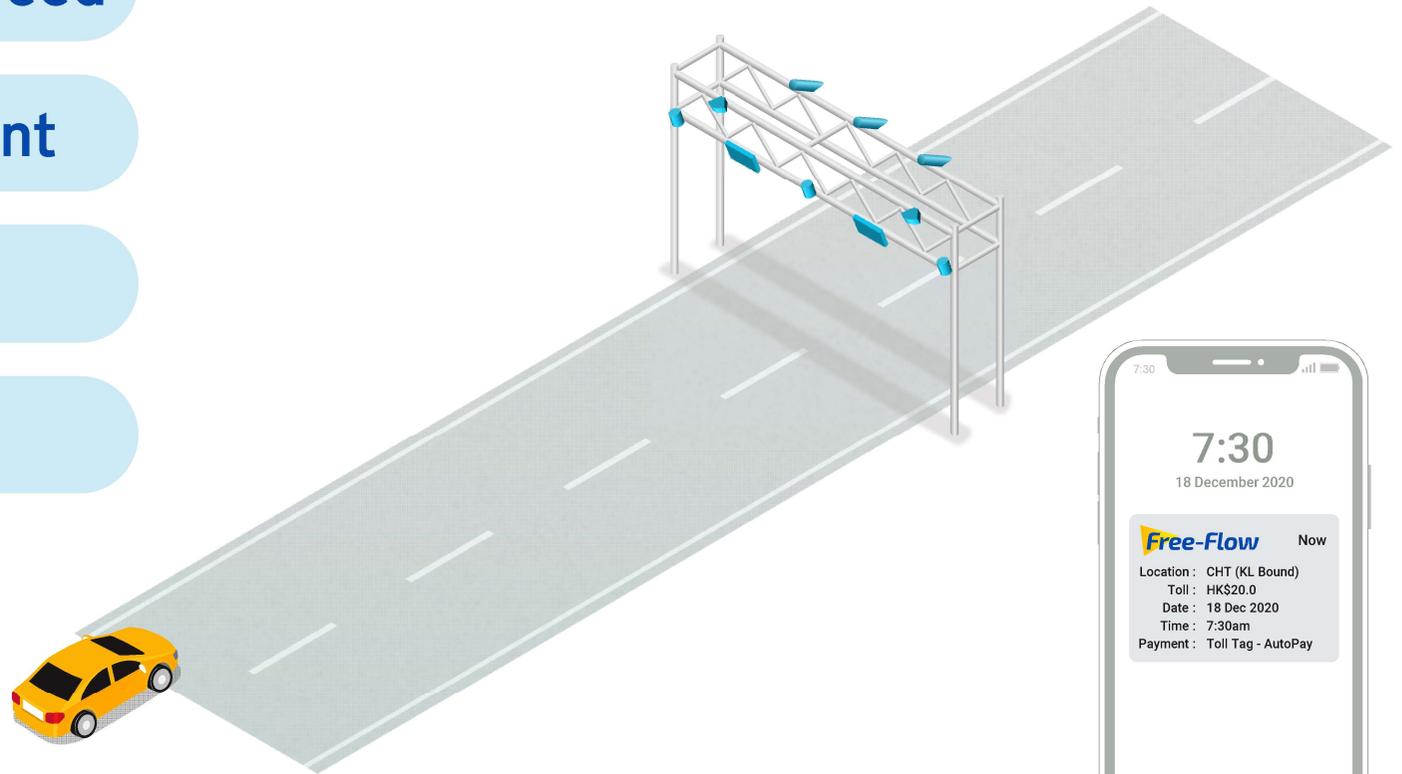
# How to Use

1 Drive at Normal Speed

2 Passage of Toll Point

3 Auto Payment

4 APP Notification



# How to Pay

## Multiple Payment Means



AutoPay



Bank Account



Credit Card

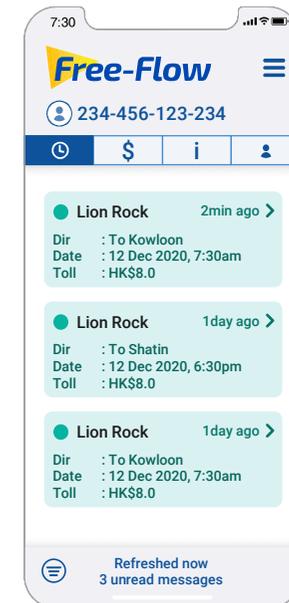


Stored-value Facility



Cash (only for payment in arrears)

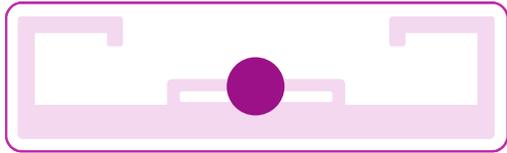
## Mobile App / Website



# Alternatives

## Toll Tag

(not linked to a specific vehicle)



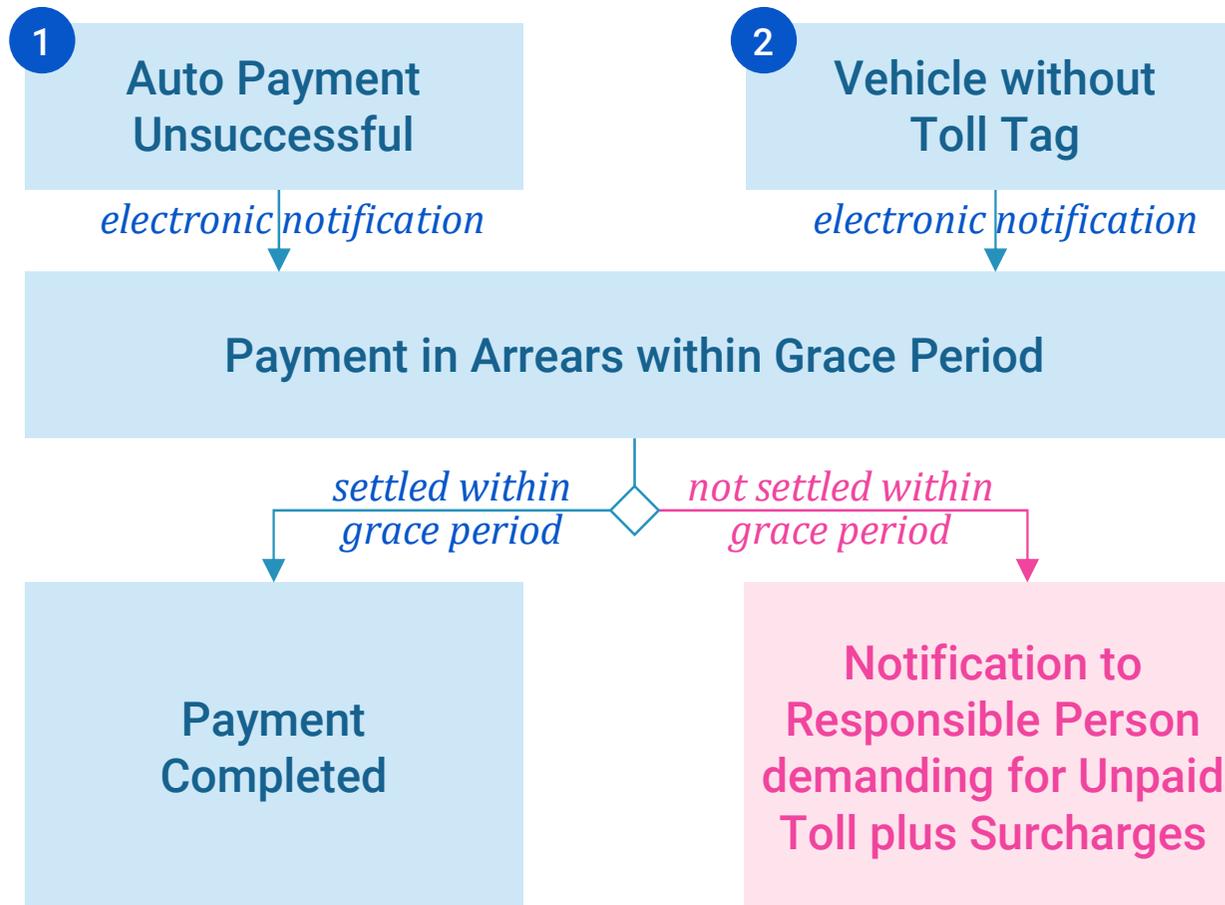
- 1 Procure according to Vehicle Type
- 2 No Vehicle Information
- 3 Stored-value Account
- 4 Top-Up at Designated Locations

## No Toll Tag



- 1 Recognise Licence Plate Number
- 2 Payment in Arrears within Grace Period

# Toll Recovery Mechanism



# Toll Liability – Responsible Person

## Existing

- Driver
- Toll Evasion: Maximum Penalty
  - Fine of \$5,000
  - Imprisonment of 6 Months



## FFTS

- Responsible Person
  - Registered Vehicle Owner
- Toll Evasion: Maximum Penalty
  - Outstanding Toll
  - Surcharges
  - Fine of \$5,000

# Collecting Email Address / Mobile Phone Number

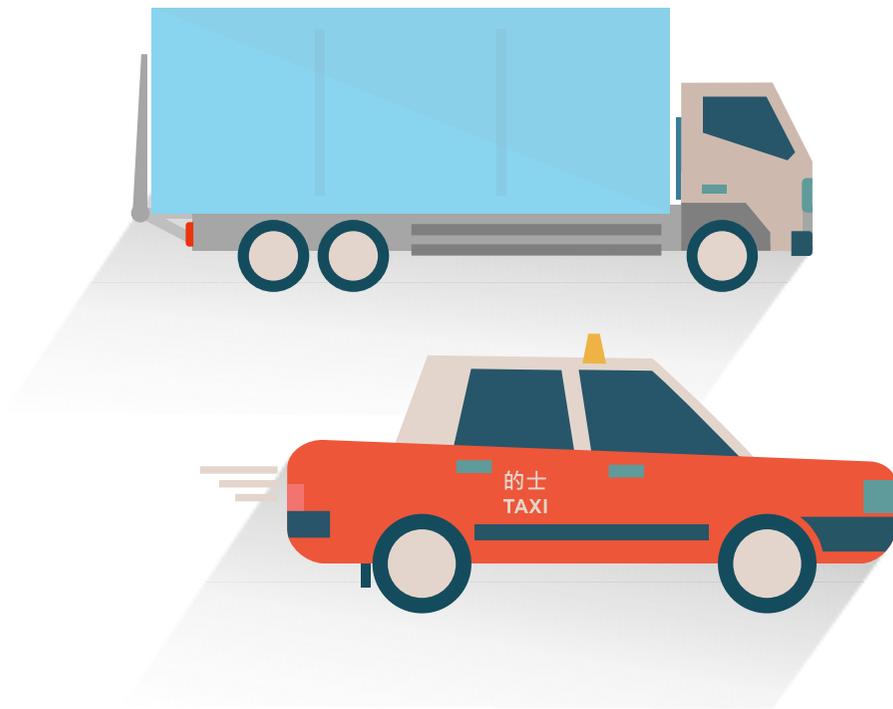
## Electronic Notification

- Remind Responsible Person to Pay Toll within Grace Period (7 Business Days)
- Sent by Email or SMS

## Responsible Person

- Provide Email Address or Mobile Phone Number in Vehicle-related Licencing Applications

# Commercial Vehicles – Toll Splitting



1 Mobile App

2 Two-piece Device

3 Monthly Statement

# Toll Service Provider

To Engage a Toll Service Provider through Open Tender for Handling Toll-related Matters under FFTS

## Toll-related Matters

- Issue of Toll Tags
- Toll Collection
- Toll Recovery
- Account Management
- Customer Service

# Mandating Use of Toll Tags in Future

## Government's Vision

- **Mandate Use of Toll Tags**
- **Pay Toll with Automated Payment**

# Legislative Amendments

To Provide for FFTS Implementation Details and Procedures, Bringing Convenience to Motorists by Enabling Toll Payment with Ease Using Toll Tags



Introduce FFTS Bill into LegCo in Mar 2021

## Amendments to

- Road Tunnels (Government) Ordinance (Cap. 368)
- Road Traffic Ordinance (Cap. 374)
- Tsing Sha Control Area Ordinance (Cap. 594)

# Legislative Amendments

## Liability

- Toll liability on vehicle owner
- Payment method (i.e. auto-payment and payment in arrears within the grace period of 7 business days)

## Toll Collection

- Collection and recovery of tolls by Government or Toll Service Provider
- Surcharges
- Revised toll recovery mechanism with no imprisonment penalty on toll evasion

## Toll Tag / Facilities

- Issuance and governance of Toll Tag
- Offences relating to Toll Tag/FFTS facilities
- Mandated use of Toll Tag with auto-payment to pay toll in future

## Others

- Collection and update of mobile phone number / email address for sending electronic toll payment notification

# Implementation Plan

Dec 2020-  
Q1 2021

Public Engagement

Mar 2021

Introduce FFTS Bill into LegCo

End 2022

Start Rolling Out FFTS by Phases

# Implementation Timetable (tentative)

Batch	Tolled Tunnel
1	<ul style="list-style-type: none"> <li>▪ Lion Rock Tunnel</li> <li>▪ Shing Mun Tunnels</li> <li>▪ Tsing Sha Control Area</li> </ul>
2	<ul style="list-style-type: none"> <li>▪ Aberdeen Tunnel</li> <li>▪ Cross-Harbour Tunnel *</li> <li>▪ Eastern Harbour Crossing *</li> <li>▪ Tate's Cairn Tunnel *</li> </ul>
3	<ul style="list-style-type: none"> <li>▪ Western Harbour Crossing *#</li> </ul>
4	<ul style="list-style-type: none"> <li>▪ Tai Lam Tunnel *#</li> </ul>

\* Toll based on vehicle class

# FFTS at the Western Harbour Crossing and Tai Lam Tunnel will be implemented after the Government's takeover of their respective ownership in August 2023 and May 2025.

**Thank You!**