



Shared Mobility License Antwerp

Ideas and proposals



Shared Mobility in Antwerp



Modes

Cars
Bikes
eSteps
eScooters

Systems

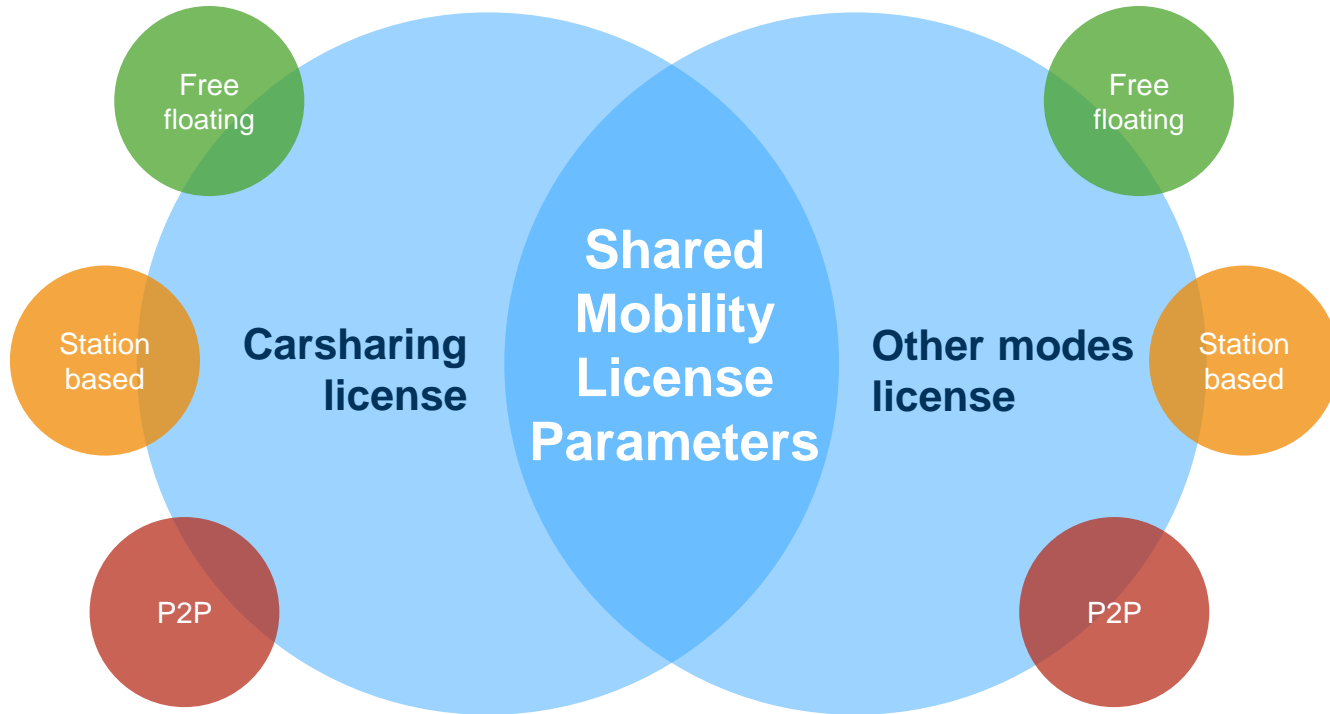
Free floating
Station based
Back-to-one
Many-to-many

Models

Business-to-Consumer
Government-to-Consumer
Peer-to-peer



Shared Mobility License Model Antwerp





Shared Mobility License Model Antwerp



License constraints

Number of Providers
Number of Vehicles
Location constraints
drop-off zones
operational zones
no-go zones
Term of license
Average usage



Operational demands

Quality towards users
Service desk
Web/app
Insurance
GDPR
Quality of Vehicles
Replacement
Maintenance
Quality of operations
No hindrance
Spread

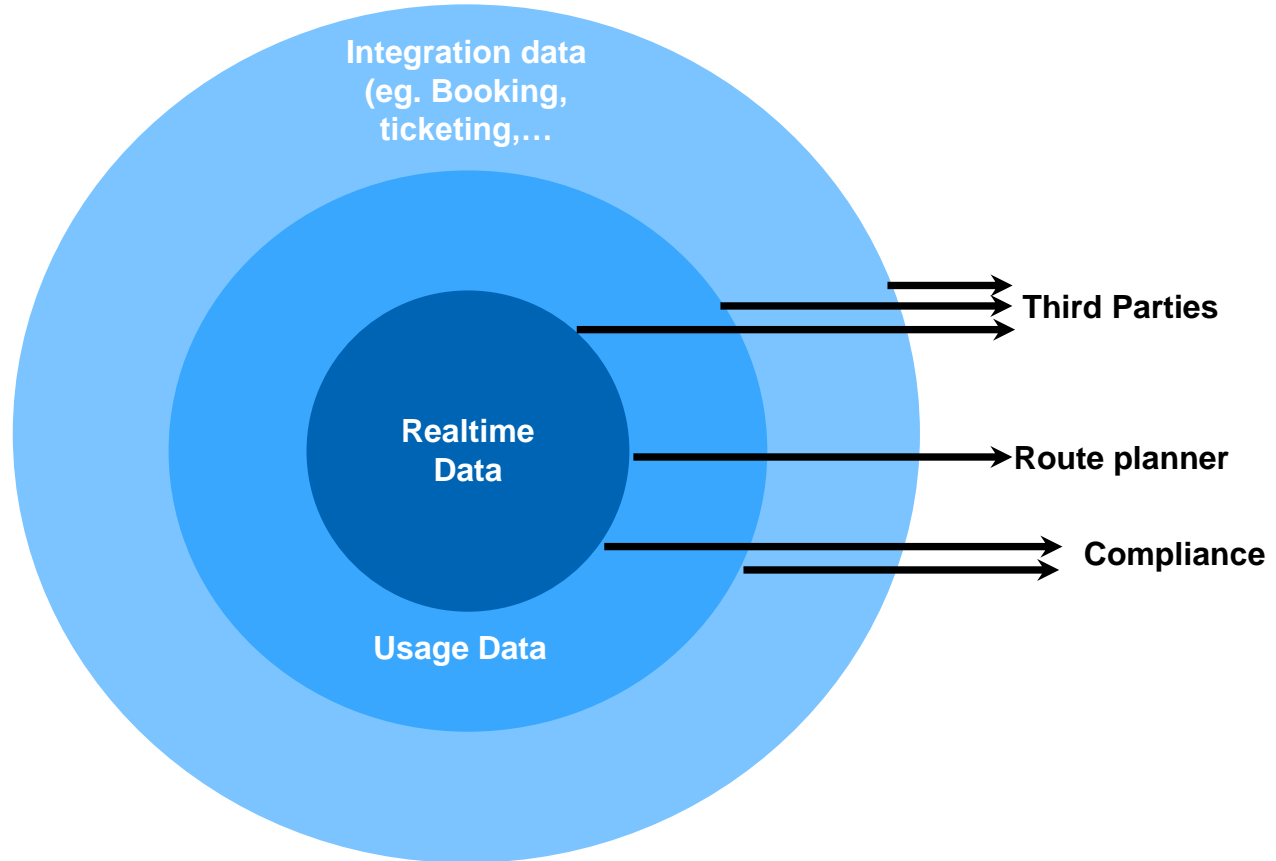


Data exchange

3th party integration
Usage/trip data



Why data exchange





Why sharing data with the city?

Parameter

Continuity of offer

Number of trips per vehicle

No-go/no-dropoff zones

Unique identification number

Tracking system

Periodic maintenance

Removal of defect vehicles within 24h

Sharing anonymised trip data

Spread of the vehicles

Possible formats

GBFS

indirect

indirect

direct

direct

direct

no

no

no

direct

MDS

direct

direct

direct

direct

direct

indirect

indirect

direct

direct