

## Why City Data Standards for Mobility (CDS-M)?

The mobility chain is changing at the speed of an express train: transport is becoming increasingly smart, and infrastructure, modes of transport and citizens are increasingly interconnected through technical applications. Data sharing has become an integral part of the mobility chain: public authorities ask commercial operators for data in order to monitor, learn and manage the public space. Mobility does not end at the city limits, but Dutch cities currently set their own requirements for data sharing in collaboration with commercial operators. This can be done more effectively and efficiently by collaborating on the CDS-M.

### What?

The City Data Standards for Mobility will eventually become a menu of data items that cities can request from mobility operators in line with a validated data standard. Examples of data items are time/location/number of trips.

### Aim

The aim is to create a single uniform national standard for data sharing between commercial operators and public authorities, a 'City Data Standard for Mobility' (CDS-M). This will be used in partnerships between mobility operators and municipalities. The effects will be:

- Effective agreements on data sharing standards for operators wishing to roll out nationally or internationally. A single standard will make it clear what has to be supplied to whom and how the data should be processed so as to be GDPR-proof.
- It will be easier for public authorities to exchange information from data: for instance, they can learn from pilots in other municipalities and adjust their policies accordingly.
- Better planning and understanding of the use of shared mobility and the possible effects in the public space (e.g. accessibility and liveability).
- Faster scaling-up of the exchange of shared mobility data.

### Approach and timeline

#### 1 Design stage

Designing and validating the CDS-M technical and functional specifications.

#### 2 Development stage

Developing and testing the CDS-M and linking it up with a data infrastructure. Designing a process for accessing and safeguarding data and fact-finding for monitoring.

#### 3 Implementation stage

Implementing the CDS-M and scaling it up in local and regional authorities and mobility operators.

### The long term

Eventually all data items will be able to be accessed through a single national data point. The long-term aspiration is to develop uniform data standards within the EU, but these objectives and this aspiration are beyond the scope of 2020.

### Target group

- Dutch municipalities
- Provinces and city regions
- Central government
- Shared mobility operators
- MaaS providers

### Organization and partners

Developing the CDS-M is a G5 initiative in collaboration with the CDS-M Working Group of the National MaaS Programme, partnered by the Ministry of Infrastructure and Water Management and the Centre for Transport and Infrastructure (CROW) knowledge platform.

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	Argumentation document		Development		Implementation
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