

## Report TOMP-CDS working group

*08/04/2020, session #2  
10:00-12:00, Zoom meeting*

---

*Attended by:*

Ross Curzon-Butler (Cargoroo)  
Bon Bakermans (Ministry of Infrastructure and Water Management)  
Ruud Mollema (Ministry of Infrastructure and Water Management)  
Marco Martens (Ministry of Infrastructure and Water Management)  
Gadi Lenz (Urban Mobility Innovations)  
Roberto Reyes Garcia (UTwente)  
Rens Wagenbuur (Translink)  
Edwin van den Belt (DAT Mobility)  
Jef Heyse (Radiuz)  
Tjalle Groen (Taxistop)  
Perry Kruin (Emotion)  
Gemma Schepers (Gemeente Amsterdam)  
Thijs de Kler (Gemeente Amsterdam)  
Sonila Metushi (MaaS Lab KNV)  
Daan Wijnants (Felyx)  
Mirelle Peters (Gemeente Utrecht)  
Anne van der Veen (Over Morgen, Amaze)  
Fernando Lyardet (Urban Software Institute)

### **1. Scope of the City Data Specification**

The CDS will not exchange real time data. It is concluded that a frequency of 1 to 3 hours is sufficient for this moment. Real time data gives issues with battery drainage, commercially sensitive data and privacy issues.

In the previous report is mentioned that the CDS should also provide the exchange of data from cities to transport operators, regarding for example road maintenance. However, this is currently provided by Datex. Edwin vd Belt will give a presentation about the use of Datex in the next meeting.

There are other types of data that transport operators should be able to report to cities, such as vandalism or theft. This will also be further discussed next meeting.

## 2. Related standards and architectures

Ross and Gadi collected several related standards. Next meeting a discussion regarding the relevance of these standards is planned.

*DIN (German standards body)*

<https://www.din.de/en/wdc-beuth:din21:281077528>

<https://www.din.de/en/wdc-beuth:din21:303381685>

*IEEE*

<https://standards.ieee.org/search-results.html?q=smart+city>

*Frauenhofer*

<https://www.internationaldataspaces.org/briefing-on-eu-projects/>

<https://www.internationaldataspaces.org/wp-content/uploads/2019/03/IDS-Reference-Architecture-Model-3.0.pdf>

The International data space of Frauenhofer is also used in the MaaS programme of the Ministry.

*BSI group*

<https://www.bsigroup.com/en-GB/smart-cities/the-standards-landscape/>

*MDM*

<https://www.mdm-portal.de/?lang=en>

Gemma is making an overview of standards that are used for this purpose in other countries. All input is welcome. The overview will also be published at the WIKI page at Github.

## 3. Tasks and next meeting

- (2.1) **Edwin vd Belt** to give a presentation about the use of Datex in the next meeting.
- (2.2) **Ross Curzon-Butler** to make an overview with documentation regarding MDS and GBFS
- (2.3) **Gadi Lenz** and **Ross Curzon-Butler** to create a combined report of existing standards
- (2.4) **Ross Curzon-Butler** to select another tele conferencing tool (privacy issues with Zoom)
- (2.5) **Marco Martens** to present the obligation of MP to deliver data to the learning environment of IenW and the possible overlap with CDS (in the next meeting).
- (2.6) Everybody is encouraged to give feedback on the draft specification on [Github](#). It is possible to create an issue at the Github site.
- Next meeting we will also take a closer look to the industrial data space of Frauenhofer
- The next meeting is scheduled for **Wednesday 22 April, 10:00-12:00**.