

# Sharing data for traffic digitalisation

<b>DAY 1: 09:00h – 20:30h</b> Thursday, 3 November 2022	
8:30 9:00	<b>Welcome, coffee and networking</b>
09:00 11:15	<p style="text-align: center;"><b>DATEX II in the NAPCORE Project</b></p> <p>DATEX II has become a benchmark standard for sharing data for traffic digitalisation over the past decade. Now in the NAPCORE project it is one of the core standards in the digitalisation of the mobility domain. This opening session addresses the broader context in which DATEX II is grounded, explaining its place in the larger NAPCORE project and its relationship to the other projects such as TN-ITS, multimodal data, parking and metadata. Along with the Plenary Conference, this session intends to help attendees choose the afternoon breakout sessions that best meet their needs.</p>
<i>*15-minute break*</i>	
11:30 12:30	<p style="text-align: center;"><b>NAPCORE Plenary Conference</b></p> <p>A short opening of the NAPCORE Mobility Data Days and DATEX II User Forum by the General Secretary of NAPCORE. Members of various working groups within NAPCORE will present the key challenges and achievements in the past two years to update participants on the progress made.</p>
12:30 13:30	<b>Lunch</b>
<b>Breakout Session #1 Best practises</b>	
13:30 15:30	<p><b>Zone 1: Use case – Traffic Management Plans in a digital context</b>            This session offers participants the opportunity to learn from real-world applications of TMPlans, and provides a space for an open discussion on participant's experiences working with TMPlans.</p> <p><b>Zone 2: Use case - Location Referencing &amp; Common for the right end user services</b>            Learn from a users' practical examples of these three core elements of the DATEX II system and see how they are applied to ensure a systematic and standardized approach to data exchanges.</p> <p><b>Zone 3: The ins and outs of Road situation and Road Traffic Data</b>            Level up in your knowledge of road situation and road traffic data. We inform you of the latest news the topic and what this could mean for traffic management systems in the future.</p> <p><b>Zone 4: The inner workings of DATEX II - Methodology and Exchange</b>            Learn about the nuts and bolts that make up DATEX II and the impact of new DATEX II developments on modelling methodologies.</p>
<i>*30-minute break*</i>	
<b>Breakout Session #2 Implementing best practises</b>	
16:00 17:30	<p><b>Zone 1: Use case - RTTI &amp; Road Data</b>            Refuelling locations, parking and service areas, as well as road status information.            An expert in the field demonstrates a practical example of RRTI and road data contributing to a more harmonized C-ITS system – from the event, to the data exchanges using Recommended Profiles, all the way to effects on Traffic Management, both individual and on the network as a whole.</p> <p><b>Zone 2: Use case - SRTI &amp; Road Situation</b>            Getting where we want to go is the goal, but with so many variables at play, arriving safely does not happen on its own. This breakout session illustrates the use of Safety-Related Traffic Information in a harmonized data exchange and its effects on the driver, as well as the broader transport network.</p> <p><b>Zone 3: Training - How do I use profiles?</b>            No need to reinvent the wheel. Learn how to make the best use of DATEX II Recommended Profiles for communicating your (traffic-related) information in a standardized manner. We take care of the rest.</p> <p><b>Zone 4: Traffic Management Plan(ning)</b>            Where do TMPlans fit into the DATEX II system? This session addresses data concepts to support the exchange of traffic management plans, rerouting, and extensions of the existing DATEX II core model to better support applications to the urban environment.</p> <p><b>Zone 5: More than just a dot on the map!</b>            Get to know the latest developments on location referencing, common and facilities. With the introduction of namespaces in version 3, the common elements of different publications are made visible and can then be reused for all publications. Check out how this works in detail!</p>
<i>*30-minute break*</i>	
18:00 20:30	<p style="text-align: center;"><b>Interactive Session: Reusing NAP Data</b></p> <p style="text-align: center;">Through demos and discussions, this is an opportunity for you to share your experiences</p>

# Sharing data for traffic digitalisation

DAY 2: 09:00h – 15:30h Friday, 4 November 2022	
8:30 8:45	Coffee and networking
	<b>Breakout Session #3</b>
8:45 10:15	<p><b>Zone 1: Use case - Energy &amp; Facilities</b> Learn about an applied example of using DATEX II for communication energy and facility information. Refuelling and recharging will become more and more strategic components for efficient use of the road network. Therefore is integration in the traffic data crucial</p> <p><b>Zone 2: Use case - Traffic Regulations &amp; UVAR</b> Learn about the latest developments of DATEX II with regard to the digitalisation of Traffic Regulations. We developed a magnificent model to express traffic regulation orders. An additional specialisation has been created to support the (Urban) Vehicle Access Regulations, so now full support of zonal regulations for automated processing is available!</p> <p><b>Zone 3: DATEX II turned (v)3</b> We have made the upgrade from version 2 to version 3, but what does this difference mean anyway? In this session we will compare and contrast the two versions so you know what is new and what's not and how to migrate and/or convert from v2 to v3.</p> <p><b>Zone 4: Messages for the masses</b> DATEX II plays an important role in developing VMS messages, both for road users as well as to coordinate between Traffic Centres. In this breakout session, learn about the nitty-gritty of VMS publications and how the model harmonizes operations beyond borders.</p> <p><b>Zone 5: Peering into Parking</b> Transport gets us from A to B, but parking lets us stay there. An expert will explain the systems required for publishing urban, trucks and vehicle specific parking information. In close collaboration with the parking industry (APDS) we developed an update of the parking publication. Future work is the further alignment of parking standards as they are also relevant in the mobility service domain (Transmodel/NETEx)</p>
	*15-minute break*
	<b>Breakout Session #4</b>
10:30 12:00	<p><b>Zone 1: Use case - VMS</b> Check out a practitioners experience with VMS messages from both the individual as well as a system-wide level.</p> <p><b>Zone 2: Use case – Parking</b> Now that parking operation and traffic management have merged their standards a lot of new opportunities arise for the sector. But how does the traveller benefit from it? Check out the future of mobility services with parking as the enabler of changing modes.</p> <p><b>Zone 3: Training – Levelling up from v2 to v3 with profiles</b> Struggling with taking advantage of the new features of version 3? Learn how to use version 3 profiles to make the most of its new features and operations.</p> <p><b>Zone 4: Traffic Regulation &amp; UVAR</b> For the real enthusiasts: a deep dive in the traffic regulation publication! Understand how regulations transfer into digitalised datastructures that support automated driving and human understanding.</p> <p><b>Zone 5: Fuelling Progress</b> The variety of vehicle energy sources and their accompanying facilities is rapidly growing, resulting in an increasing need for up-to-date information on energy and facilities. Inform yourself on energy and facilities publications to keep up with the rapidly developing world of vehicle energy sources and the innovations that go along with it.</p>
	*15 minute break*
12:15 13:30	<p><b>Closing Plenary</b></p> <ul style="list-style-type: none"> <li>• EC DG Move – French Representative</li> <li>• Invitation to next multiday event 2023 – Can't get enough of DATEX II? Stick around for the announcements of the upcoming multiday events in 2023</li> </ul>
13:30 14:30	Lunch
14:30 15:30	<p><b>Interactive Session: The Future of DATEX II</b></p> <p>Take part in this interactive session where you it's your chance discuss with a larger audience what's in store for the future of DATEX II, new publications, versions, and what we we'll be working on between now and the next User Forum.</p>