



NAPCORE Dissemination Report 2023

Report from the Dissemination Group H.3

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☐	For approval by the NAPCORE Steering Committee
☐	Final
☐	Updated/revised final version (e.g. when a second version of Milestone is published)

Abstract

This document aims to collect all the contributions produced by H.3 team in cooperation with entire NAPCORE Groups and Sub-working groups regarding the Dissemination of results of the project.

The paper refers to the period from 1st January 2023 to 31st December 2023.

The content of the Dissemination Report – activities that provide publicity for NAPCORE – is created by all members through their commitment in the activities, for example by technical papers concerning Milestones and Deliverables achieved, or by their promotion of these results during workshops, congresses, meetings.

Other important visibility of the project is achieved through articles in newspapers, posts on LinkedIn, highlights on the website and organization of webinars and trainings.

Abbreviations

Abbreviation	Meaning
EC	European Commission
CAT	Core Alignment Team
NAP	National Access Point
NAPCORE	National Access Point Coordination Organisation for Europe



SC, SCOM	Steering Committee
SCS	Steering Committee Support
SWG	Sub-working Group
WG	Working Group
WP	Working Programme



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1. DISSEMINATION TOOLS

1.1. NAPCORE website

One of the main tools for providing information on the NAPCORE project is the website, available at the following address: <https://napcore.eu/>

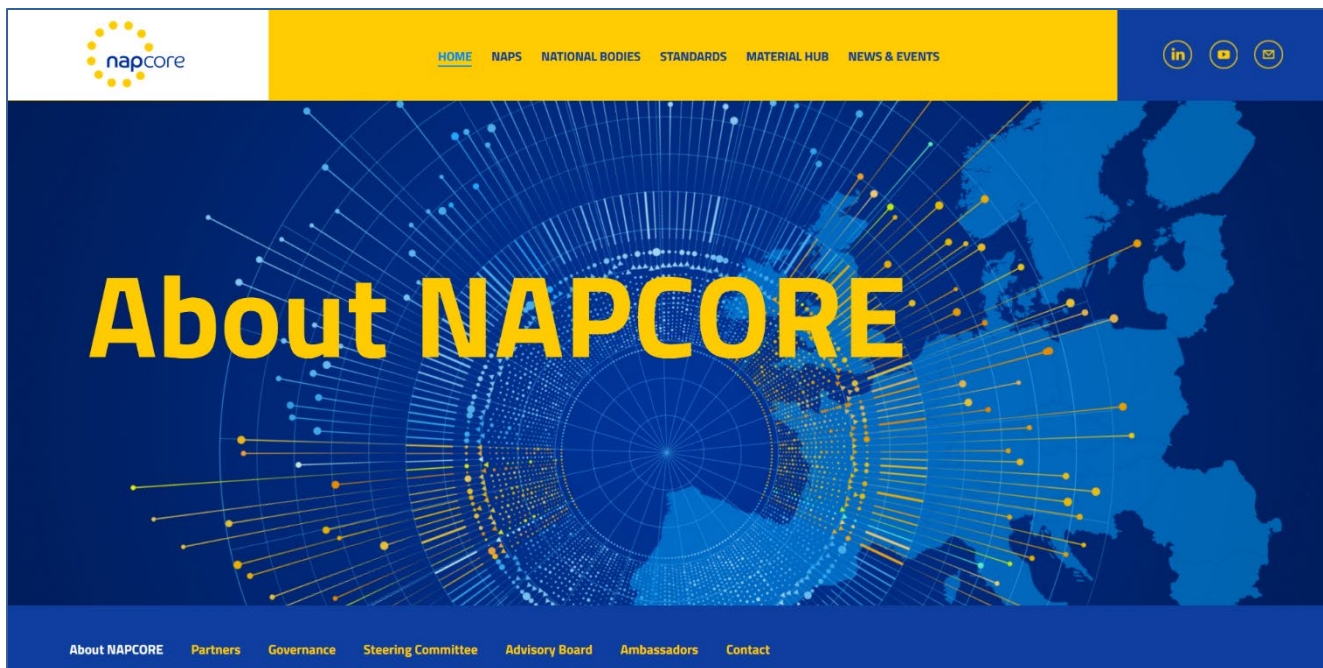


Figure 1 – NAPCORE Website

The website is accessible to any user and promotes the activities and achievements of the project to the external community.

It is updated whenever necessary, to provide up-to-date information on the recent results or evolution of a specific topic.

The latest news or events are published on the dedicated page as well as on the “Home” page to highlight the main information.

During 2023 the website has been constantly updated in terms of content and in the structure. In particular, the sub-page “Metadata” was reviewed in “mobilityDCAT-AP” and the page “Material Hub” was reorganized to facilitate the archiving and the accessibility of the public uploaded documents.

The structure of the NAPCORE website is reported in the Figure 2.



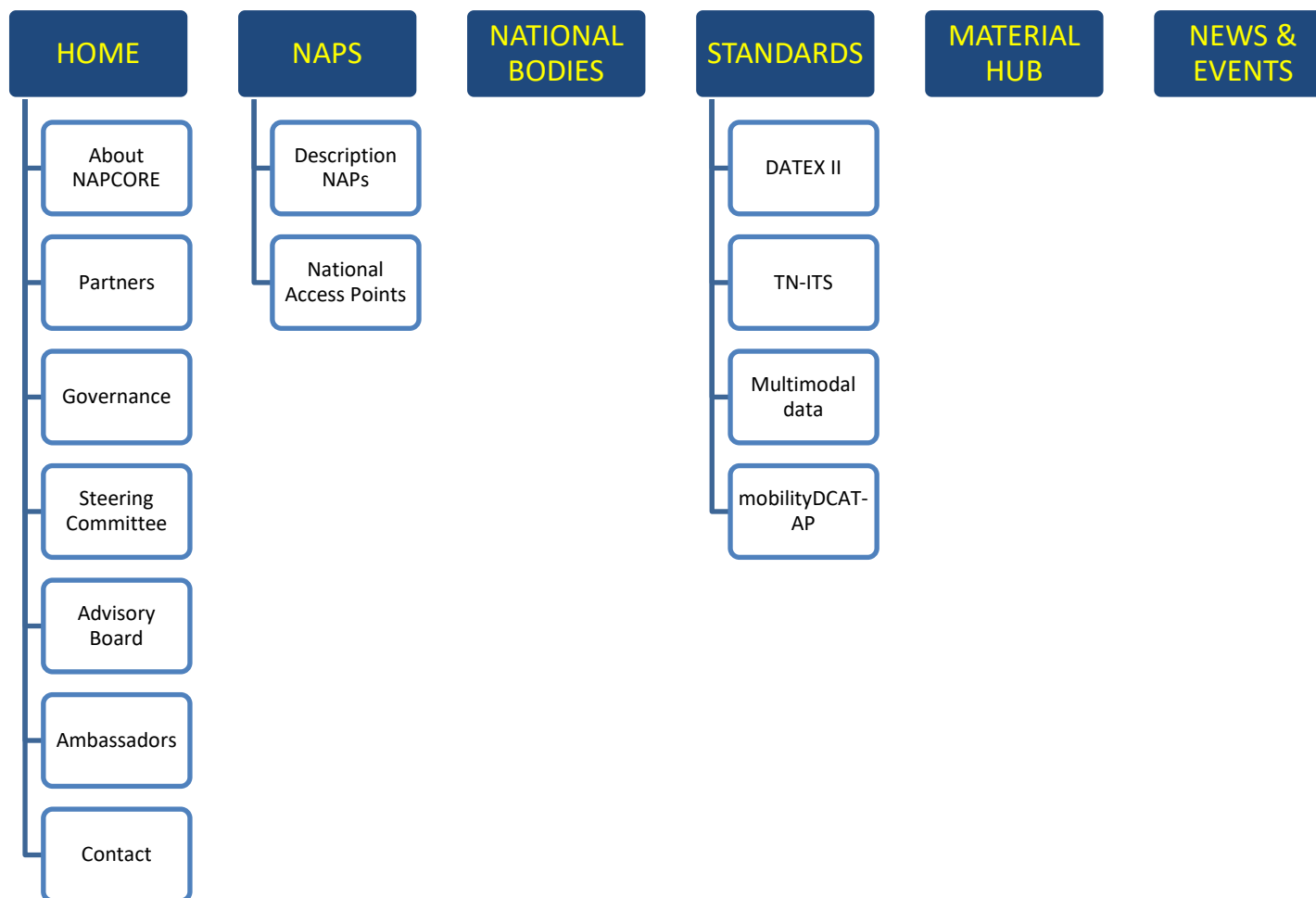


Figure 2 – Structure of the NAPCORE website

1.2. Social media

1.2.1. LINKEDIN

The LinkedIn page is active at this link <https://www.linkedin.com/groups/12432452/>

All members may connect to the group. The aim is to share links to articles, posts, or videos and to inform on webinars, events, meetings, achievements, and any news that could be of interest to the group and external community.

Moreover, each partner can share project news, published on the NAPCORE LinkedIn page, through the own LinkedIn page or own communication channels to relevant stakeholders or external parties.

The posts published in 2023 are reported in the chapter *“RESULTS OF THE DISSEMINATION”* - Section 2 - *LinkedIn Posts*.

1.2.2. YOUTUBE

A YouTube Channel was created to gather all workshops as well as events videos, presentation videos, and in the future interviews, trainings, and any other kind of visual tool.

WG and subWG leaders involved in training activities are expected to co-operate by recording and providing the videos of trainings, webinars or other events.

The video published in 2023 are reported in the chapter *“RESULTS OF THE DISSEMINATION”*- Section 3 — *YouTube*.

1.3. Articles and Presentations

Another important dissemination tool consists on the preparation of specific technical papers and/or interviews on the NAPCORE project and its developments, which have been published in specialized international magazines.

Moreover, to contribute to a wide dissemination of NAPCORE project, many of partners have participated to forums, congresses, and events, presenting the project and the results of their activities.

The details concerning articles and presentations made in 2023 are reported in the section chapter *“RESULTS OF THE DISSEMINATION”* - Section 4 – *Articles and presentations from the Dissemination Tracker*.

2. DISSEMINATION ACTIVITIES

The following sections list all public NAPCORE documents published in the year 2023.

Documents are listed in chronological order and classified into four categories:

- ✓ Section 1 – Website
- ✓ Section 2 – LinkedIn Posts
- ✓ Section 3 – YouTube
- ✓ Section 4 – Articles and presentations related to events

The structure of each document reported in the four categories is the following:

Title reported
Date of the post
Image published
Text uploaded

In Section 1, the name of the Working Group in which the activity was developed or achieved is printed above each document.



2.1. Section 1 – Website

2.1.1. SECTION 1.1 - NEWS AND EVENTS OF THE PROJECT

Title FOLLOW UP of the workshop on the implementation of the revised RTTI DR
Date 1st February 2023
Image 
Text The workshop organised in close collaboration with several members of the Advisory Board of NAPCORE: <u>TomTom</u>, <u>TISA – Traveller Information Services Association</u>, <u>TM 2.0</u>, <u>POLIS Network</u> and <u>Conference of European Directors of Roads (CEDR)</u>, registered more than 160 attendants, from different organizations throughout Europe GOAL OF THE WORKSHOP was: - to inform on the implications of the revised RTTI for both road authorities as well as private service providers - to get insight in possible use cases to work on whilst aligning on the implementation of the revised RTTI THE WORKSHOP HELPED TO get a good overview of the problems and challenges road authorities see in the current navigation services: - Use of roads often not in line with what they were designed and assigned for - Navigation services do not take into account societal impact - Cut through traffic - Need for more accurate data on for instance maximum speed and roadworks

WHAT'S NEXT:

- Use cases will be ranked by level of needed collaboration between the Public Authorities and Service Providers under the TM 2.0 concept of interactive traffic management during the physical TM2.0 workshop February 22nd in Brussels. If you would like to join, send an email to j.tzanidaki@mail.ertico.com. This will help to come to a roadmap for use cases to align on.
- Physical meeting took place end of April at TomTom's office in Berlin.

ARTICLE ON THE DUBLIN INQUIRER

Dublin InQuirer published an [article](#) on the implementation of the revised RTTI DR with the contribution of Annet van Veenendaal as a follow up of the NAPCORE online RTTI workshop

Link

The VIDEO is available at this [link](#) and the PRESENTATION is downloadable at this [link](#)

<https://napcore.eu/video-of-the-workshop-on-the-implementation-of-the-revised-rtti-dr/>

Title TN-ITS value proposals in relation to the revised RTTI Delegated Regulation**Date** 17th March 2023**Image**

Text Discover more about the updates of this legal framework for ITS deployment in the European Union and how the TN-ITS multi-stakeholder platform contributes to ensuring accessibility, exchange and update of road data.

PROCEEDINGS

TN-ITS/RTTI webinar VIDEO recording is available in the ERTICO Youtube channel

Link <https://napcore.eu/tn-its-value-proposals-in-relation-to-the-revised-rtti-delegated-regulation/>



Title NAPCORE at the ITS European Congress 2023

Date 22nd-24th May 2023

Image



Text More info at this link: [ITS European Congress Lisbon 2023](https://itseuropeancongress.com/)

Overview of the ITS Congress [video](#) and [Final Report](#)

Programme and proceedings

[Cooperation Agreements signatures](#)

Data For Road Safety (DFRS) [video](#) – [document](#)

C-Roads [video](#) – [document](#)

European Parking Association (EPA) [video](#) – [document](#)



“Declaration of Lisbon” DATEX II & TN-ITS [video](#) – [document](#)

“NAPCORE corner” at the IMT booth [video](#)

[Special Interest Sessions](#)

SIS 2 and 8 “The future of mobility data exchange in Europe” [video](#)

NAPCORE project status update (mid-term results) [video](#)

[Link](#)

<https://napcore.eu/napcore-at-the-its-european-congress-2023/>



Title Budapest, Hungary - 7-9 November 2023 opening of the registration
Date August 2023
Image  NAPCORE MOBILITY DATA DAYS BUDAPEST, HUNGARY 7-9 NOVEMBER 2023 Mobility Data Days 2023 Mobility Data Days 2023 in Budapest 7-9 November
Text Details about the venue, the social event and the technical visits are available at this link PROGRAMME 7 November – Advisory Board – Strategic sessions (UPON INVITATION) 8-9 November ALL SESSIONS PROGRAMME with sessions description and speakers: 8th November session details 9th November session details Link https://napcore.eu/mobility-data-days-2023/

Title Release of the mobilitydcat-ap - Announcement by NAPCORE SWG4.4
Date 17 th October 2023
Image 
Text NAPCORE is proudly presenting the first release of mobilityDCAT-AP, a metadata specification for National Access Points and other mobility data portals. <u>Background and goal:</u> Metadata is a crucial building block for the accessibility and reusability of datasets, as offered on NAPs and other mobility data portals. So far, there has been no established common metadata approach specific to mobility data portals. mobilityDCAT-AP aims to fill this gap. It provides a structured, interoperable and harmonised approach to describing and exchanging metadata about datasets and about access for such datasets related to mobility, and in particular related to Intelligent Transport Systems (ITS). Its primary goal is to enhance the cross-border and cross-sectorial discoverability of ITS- and mobility-related datasets published on relevant data portals. mobilityDCAT-AP provides precise and unambiguous metadata designations for any data offering with mobility relevance, e.g., for representing the data topic, the data provider or the data format.

It is highly recommended that the metadata management of National Access Points (NAPs) in Europe, or any other mobility data portals, is based on mobilityDCAT-AP in order to harmonise their data descriptions and ease the exchange of metadata in the mobility data ecosystem.

Furthermore, this will ensure the basis for extended interoperability, among others, between individual NAPs and other data portals.

mobilityDCAT is a product of a dedicated Metadata Working Group within the EU-funded project NAPCORE: <https://napcore.eu/metadata/>

Approach:

mobilityDCAT-AP is built as a mobility-related extension of DCAT-AP, a well-known metadata scheme for data portals in Europe. mobilityDCAT-AP is adapting and refining this scheme to provide a DCAT-AP-conformant representation of metadata specific to mobility data.

Analogue to DCAT-AP, mobilityDCAT-AP enables harmonised, platform-independent metadata descriptions both in human-readable and machine-readable formats. At the same time, it is leveraging semantic technologies via the Resource Description Framework (RDF).

As this is a pioneer work in the domain of mobility data, mobilityDCAT-AP was preceded by an extensive preparation phase, including a detailed requirement analysis and a conceptual data model, involving experts and mobility-data stakeholders. This preparation phase is explained here: <https://napcore.eu/providing-a-baseline-for-a-new-metadata-scheme-for-european-naps/>

Furthermore, the mobilityDCAT-AP editors have established a close relationship with the editors of DCAT-AP, to ensure interoperability between these two metadata specifications.

Access:

The latest version of the mobilityDCAT-AP (v1.0.0) is available here:

<https://w3id.org/mobilitydcat-ap/releases/>

This website contains an online documentation of the mobilityDCAT-AP specification, including a human-readable vocabulary description; a set of usage notes; a set of machine-readable serialisation formats to allow IT systems process the vocabulary; and schemas for automated conformance validation. In addition, user support is provided via a dedicated GitHub repository where users can interact with the editors, for example by raising questions and issues.

Outlook:

Following its release in October 2023, this specification is promoted for wide-spread use in mobility data portals. An Accompanying Guideline is planned as a practical orientation for future users of mobilityDCAT-AP.

Some NAPs are interested in implementing mobilityDCAT-AP in their systems as early adopters. The NAPCORE Metadata Group supports such adopters through direct support and feedback. In addition, the development of a cross-border metadata directory using mobilityDCAT-AP will be demonstrated as a proof-of-concept. Lastly, a formal maintenance and governance organisation will take care of the future progress of mobilityDCAT-AP

Link

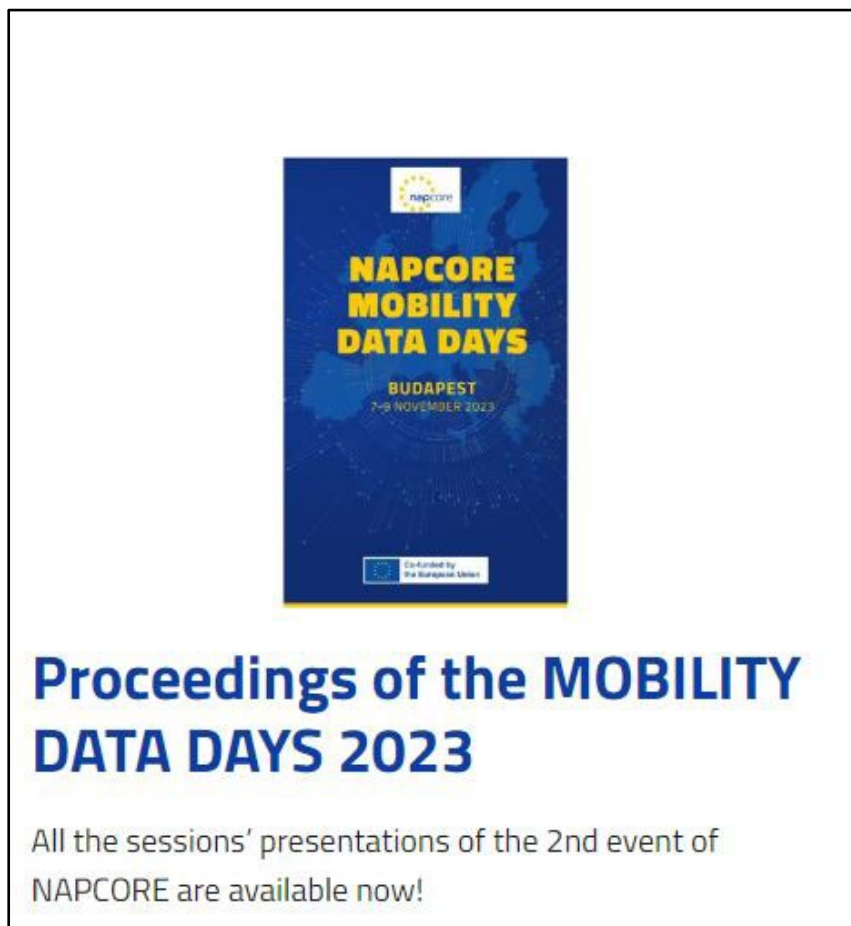
<https://napcore.eu/release-of-the-mobilitydcat-ap/>

Title What is a NAP?
Date 6 th November 2023
Image  NAPCORE cartoon on NAP NAPCORE cartoon "What is a NAP?"
Text What is a NAP? <u>Cartoon</u> This cartoon is the work of a year born to explain what is a National Access Point
Link https://napcore.eu/napcore-cartoon-on-nap/

Title PROCEEDINGS - Mobility Data Days 2023 - 7-8-9 November- Budapest – Hungary

Date 27th June 2022

Image



Text The key numbers of the second event of NAPCORE:

- 219 registered delegates
- 27 countries represented
- 4 Strategic Sessions
- 21 technical sessions

Main positive aspects:



- the presence of several representatives for every Member State
- the attendance of many non NAPCORE members
- different possibilities of networking
- the professional organization and hospitality
- the location with conference rooms and night stay

All the presentations are linked at this page.

Presentations of our external partners:

KEYSTONE

GO GREEN initiative

BLINQ

Some photos are available here

Link

<https://napcore.eu/proceedings-of-the-mobility-data-days-2023/>



Title NAPCORE Position paper on the revision of the delegated regulation on multimodal travel information services (EU) 2017/1926 (DR MMTIS)

Date 27th June 2023

Image



Text The NAPCORE welcomes the revision of the Delegated Regulation MMTIS. The update of the Delegated Regulation means in the first place an **extension of the current list of data categories to be made available via the NAP**. This should further facilitate service providers developing multimodal information services. NAPCORE welcomes the fact that, as a consequence, the potential interest for NAP users may increase significantly.

Based on the impact of the implementation of the current Delegated Regulation MMTIS, NAPCORE raises some points of attention for its revision:

- Data should be of interest to users, necessary, and of high quality
- Each data category needs a clear definition

– Only impose data standards which meet deployment principles

– An opportunity to foster the shift to a more sustainable mobility NAPCORE is eager to contribute wherever possible since most of these points are closely related to our ongoing coordination work.

For example, NAPCORE aims to provide the public-private table to contribute to increase the provision of data, its interoperability, and to work on quality criteria.

NAPCORE requests the European Commission to take action to support the implementation of the new Regulation. The Commission should take into account the costs and human resources necessary to make the relevant data available with a sufficient level of quality. NAPCORE asks to invest in national deployment and compliance with the revised Delegated Regulation; in data standardization and tooling; as well as in information, education, and training.

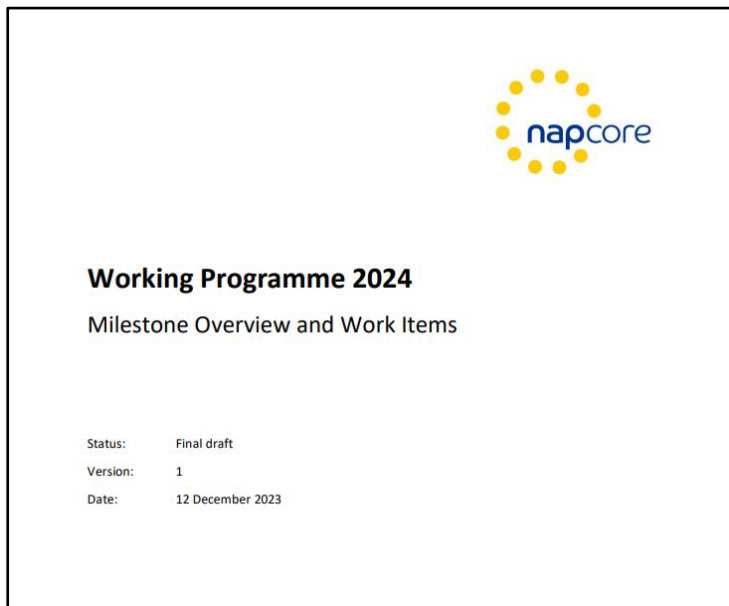
The document is available here [NAPCORE position paper on the revision of the Delegated Regulation MMTIS](#)

Link

<https://napcore.eu/napcore-position-paper-on-the-revision-of-the-delegated-regulation-on-multimodal-travel-information-services-eu-20171926-dr-mmtis/>

2.1.2. SECTION 1.2 – MATERIAL HUB: DELIVERABLES AND MILESTONES

The documents are listed in order of Activity and number of Milestone achieved.

Activity S.1: Project management and administration	
Title MS.1.3 Working Programme 2024	
Date 12 December 2023	
Description This report is NAPCORE's work plan for the upcoming year, encompassing all outstanding tasks and milestones to be accomplished. Although modifications to the schedule and activities may become necessary as work advances, this serves as our roadmap for the forthcoming year, guiding us toward the realization of NAPCORE's objectives as outlined in the Grant Agreement.	
Image 	
Link https://napcore.eu/wp-content/uploads/2024/01/MS.1.3-Working-Programme-2024.pdf	

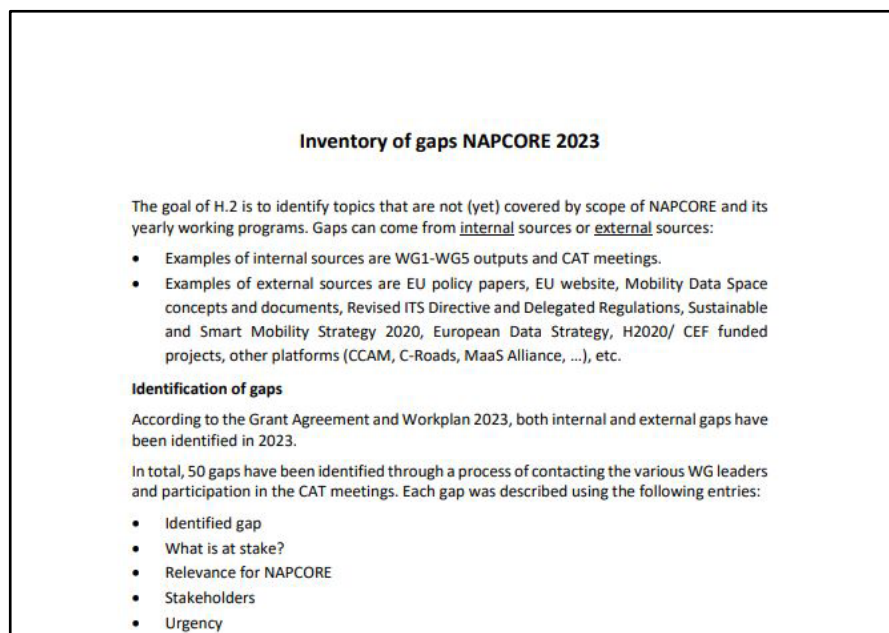
Activity H.2 Identification of actions needed
Title MH2.2 Inventory of gaps NAPCORE 2023
Date December 2023

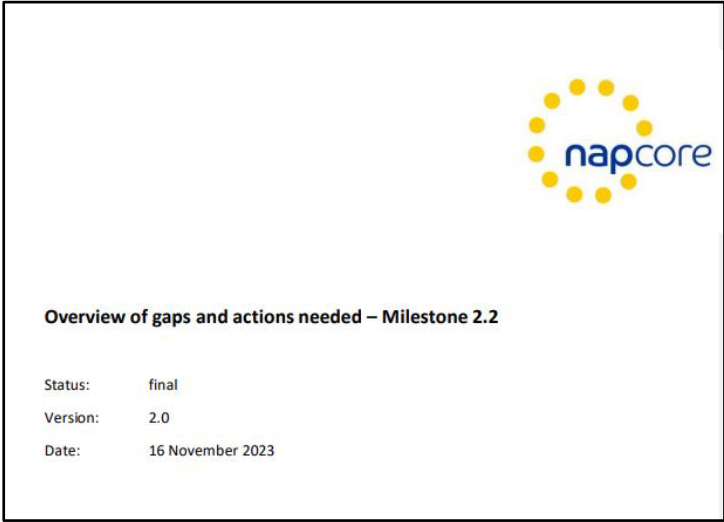
Description This Milestone describes the detected gaps for 2023, ranked by relevance for NAPCORE.

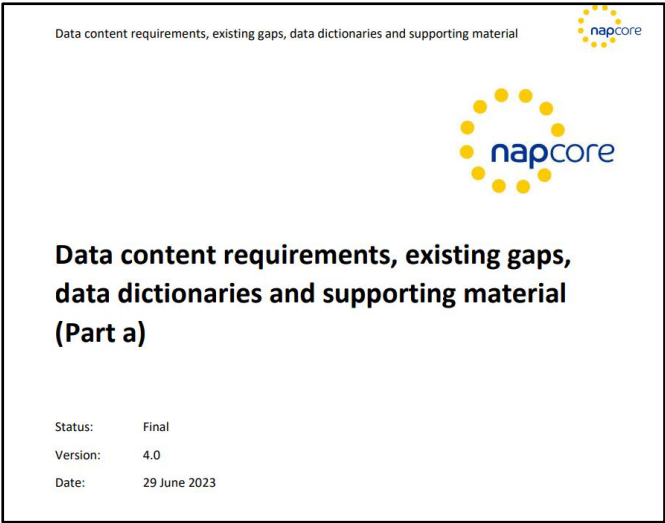
For the ten most relevant gaps, recommendations for further action are being done, either within NAPORE or elsewhere.

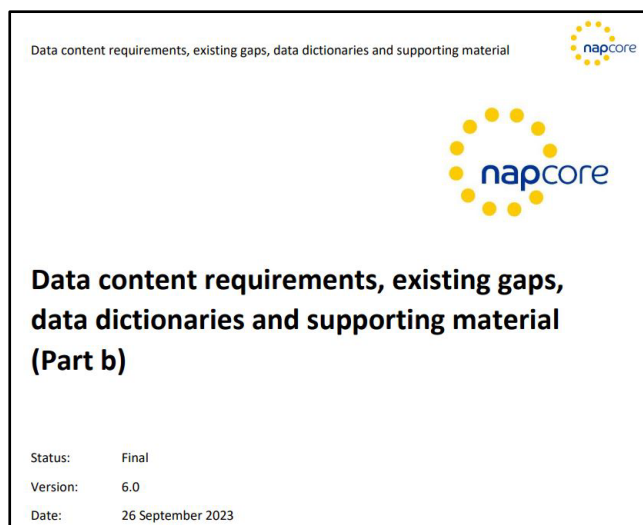
Ultimately, ten gaps were identified and ranked for relevance, with five of them deemed critical:

- (1) Absence of defined roles and relationships between NAPs and the European Mobility Data Space.
- (2) Lack of harmonization in implementing existing data standards.
- (3) Limited understanding of the financial costs associated with NAPs and data accessibility.
- (4) Insufficient commitment from Member States to implement NAPCORE recommendations.
- (5) Management of Electronic Traffic Regulations (METR).

Image

Link <https://napcore.eu/wp-content/uploads/2024/04/MH2.2-Inventory-of-gaps-NAPCORE-2023.pdf>

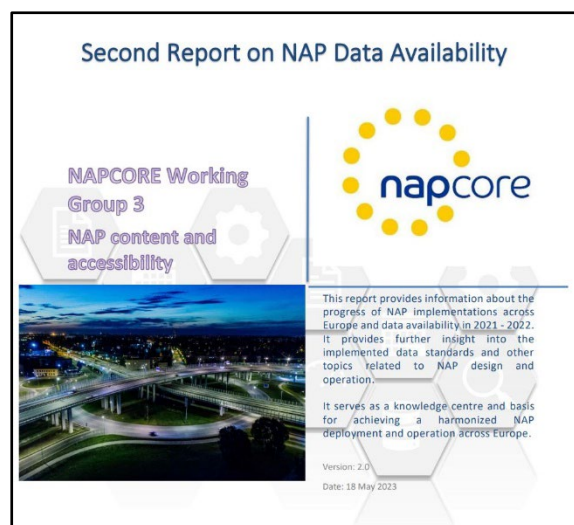
Activity WG2 Interoperability and level of service of NAPs
Title M2.2 Overview of gaps and actions needed
Date 16 November 2023
Description This internal report is aimed at achieving several objectives. Firstly, it identifies and documents gaps as well as necessary actions pertaining to interoperability (including technical, legal, and organizational aspects) and Levels of Service essential for the adoption of NAPs by diverse Member States. Secondly, the report aims to develop recommendations for a phased approach to assist Member States in navigating towards more sophisticated NAP architectures. Lastly, it seeks to lay out an initial framework for a potential European NAP or a federation of European NAPs, in close collaboration with T2.4, WG1, and SWG4.4.
Image 
Link https://napcore.eu/wp-content/uploads/2024/04/M2.2-Overview-of-gaps-and-actions-needed-.pdf

Activity WG3 NAP content and accessibility	
Title Data content requirements, existing gaps, data dictionaries and supporting material (Part a)	
Date 29 June 2023	
Description M3.1 – part a – includes a list of all data categories mentioned in the Annexes of the DRs and provides definitions and descriptions, referred to as the NAP data dictionary. This is considered a draft version of the data dictionary, and therefore the report also elaborates on the planned process to develop a stable version and guidelines for its future maintenance.	
Image 	
Link https://napcore.eu/wp-content/uploads/2024/01/M3.1a.pdf	

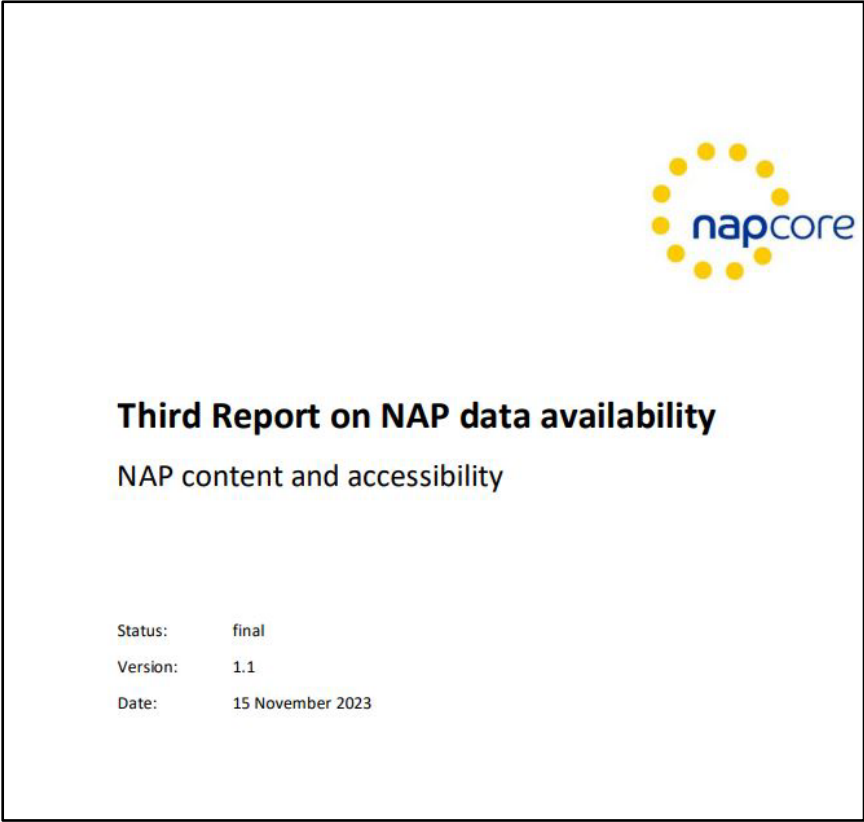
Activity WG3 NAP content and accessibility
Title Data content requirements, existing gaps, data dictionaries and supporting material (part b)
Date 29 September 2023
Description M3.1 – part b – provides an overview of all DRs to extract critical requirements for the operation of NAPs. It furthermore identifies gaps between current and required NAP implementations.
Image  The image shows the cover page of a document. At the top left, it says 'Data content requirements, existing gaps, data dictionaries and supporting material'. At the top right is the napcore logo. In the center is a larger napcore logo. Below that is the title 'Data content requirements, existing gaps, data dictionaries and supporting material (Part b)'. At the bottom left, it lists: Status: Final, Version: 6.0, Date: 26 September 2023.
Link https://www.napcore.eu/documents/M3.1bFinal.pdf

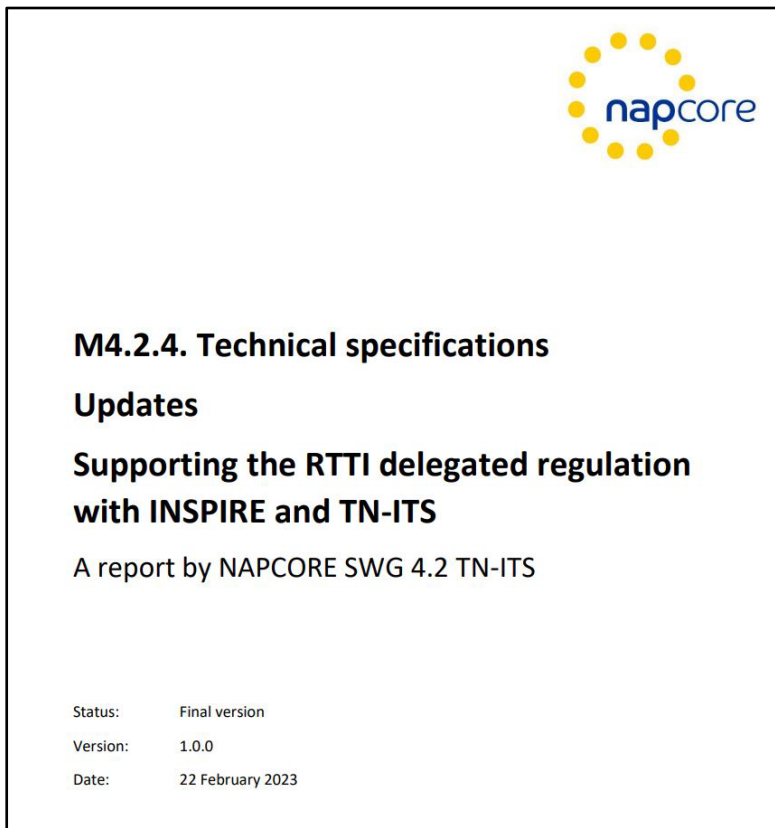
Activity WG3 NAP content and accessibility**Title M3.3_ Second Report on NAP data availability****Date** 18 May 2023

Description This report provides information about the progress of NAP implementations across Europe and data availability in 2021 - 2022. It provides further insight into the implemented data standards and other topics related to NAP design and operation. It serves as a knowledge centre and basis for achieving a harmonized NAP deployment and operation across Europe.

Image**Link**

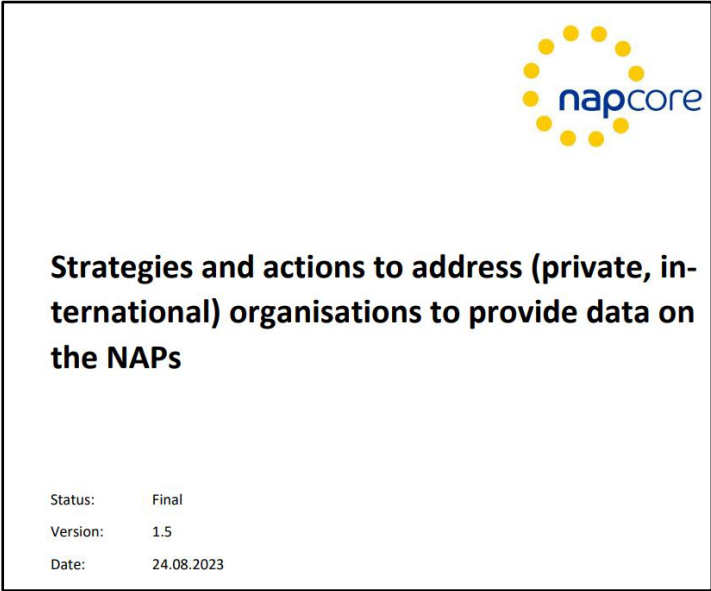
https://napcore.eu/documents/Milestones/M3.3_Second%20Report%20on%20NAP%20data%20availability.pdf

Activity WG3 NAP content and accessibility	
Title M3.4_Third Report on NAP data availability	
Date 15 November 2023	
Description This report provides information about the progress of NAP implementations across Europe and data availability in 2022 – 2023. It provides insight into the implemented data standards and other topics related to NAP design and operation. It serves as a knowledge centre and basis for achieving a harmonized NAP deployment and operation across Europe.	
Image	
Link	https://napcore.eu/wp-content/uploads/2024/01/M3.4-Third-report-on-NAP-data-availability.pdf

Activity	WG4.2 TN-ITS
Title	M4.2.4 Technical specifications_(updates)
Date	22 February 2023
Description	This report identifies requirements from the EU Delegated Regulation 2022/670 (RTTI) where the INSPIRE and TN-ITS specifications are relevant, how the specifications may be used to fulfil the requirements, and how the TN-ITS specification should be further developed to fit current and future needs. The report concludes that a combination of INSPIRE and TN-ITS with extensions is the recommended solution for providing the required information concerning the infrastructure, regulations and restrictions defined in articles 4 and 5 of the DR and further detailed in points 1, 2 and 3 in the annexe of the DR.
Image	
Link	https://www.napcore.eu/documents/M4.2.4%20Technical%20specifications_(updates).pdf

Activity WG4.2 TN-ITS	
Title M4.2.6 Concepts of data evaluation tools	
Date 29 August 2023	
Description The main objective of this report is to identify and document the concepts of trust and ensure quality, integrity, security, and sovereignty within the TN-ITS data exchange. The report outlines: (1) Identification of trust, quality, integrity, security, and sovereignty, (2) research on existing optimal quality systems, (3) the TN-ITS Data Chain introduction, and (4) inventory of requirements and collection of methodologies to mitigate vulnerabilities and potential attacks.	
Image 	
Link https://www.napcore.eu/documents/M4.2.6Concepts_data_evaluation_tools.pdf	

Activity WG5 National Bodies and compliance assessment	
Title M5.4_Quality and evaluation criteria defined	
Date 24 August 2023	
Description This report’s primary objective is to establish unified quality and evaluation criteria for Compliance Assessment concerning traffic data. One key outcome of WG5’s work on this topic was the differentiation of quality criteria based on data type—dynamic and static—and event type—planned and unplanned events. WG5’s findings underscore the necessity of a collaborative approach to motivate stakeholders to provide data for NAPs, aiming to maximize synergies and minimize the risk of multiple contacts and potential conflicting messages.	
Image 	
Link	https://napcore.eu/wp-content/uploads/2024/01/M5.4_Quality-and-evaluation-criteria-defined-1.pdf

Activity WG5 National Bodies and compliance assessment	
Title M5.6 Strategies and actions to motivate organisations to provide data on the NAP	
Date 24 August 2023	
Description This report provides a detailed exploration of initial considerations regarding strategies and actions aimed at encouraging (private, international) organizations to contribute data to NAPs. The increasing number of stakeholders, coupled with the expansion of the relevant mobility network, poses a growing challenge in motivating data provision. To tackle this issue, a variety of measures, including organizational, communicational, and strategic initiatives, are essential. The results of WG5’s efforts on this matter emphasize the need for a unified approach in motivating stakeholders to contribute data to NAPs. This approach is crucial not only to maximize synergies but also to minimize the risk of multiple contacts and potential contradictory messages.	
Image 	
Link https://napcore.eu/wp-content/uploads/2024/01/M5.6 Strategies-and-actions-to-motivate-organisations-to-provide-data-on-the-NAP.pdf	

2.2. Section 2 — LinkedIn Posts

18th December 2023



NAPCORE shared post

What a great way to demonstrate the appreciation and stipulate the relevance of the work we did in [NAPCORE](#) to bring two worlds of datastandards together! Thank you [TN-ITS](#) for awarding [Bard de Vries](#) with the TN-ITS partner award 2023, which was handed over by the re-elected president of the TN-ITS platform [Christian Kleine](#)

What a great Christmas gift!

18/12/2023

[NAPCORE](#) shared post

At its final set of Committee meetings held on 5-6 December, [TISA - Traveller Information Services Association](#) and its members reflected on a year that had been filled with significant progress. These included attendance at 10 significant [#global](#) events: [ERTICO - ITS Europe](#)'s ITS Congress in Lisbon in May and ITS Australia's Global Summit in the summer. In 2023, further collaboration has been made with [NAPCORE](#) and [SENSORIS](#) and TISA is particularly proud of the progress made at the RTTI Quality Workshop just recently in Amsterdam. We are grateful for our active members leading our Committees [Teun Hendriks](#) [Luka Krevs](#) and [András Csepinszky](#) as well as the work of our new Chairwoman [Stephanie Leonard](#). Huge thanks to our recent guest speakers [Kor Meelker](#), Director at Global Standards at [ChargePoint](#) who spoke about standardisation on charging infrastructure, [Menno Malta](#) at [Monotch | We Make Traffic Talk](#) who spoke about Traffic Management in the Connected era with a case study on the Netherlands and finally [Steve Phillips](#) at [Conference of European Directors of Roads \(CEDR\)](#), who emphasised TISA's importance in the ITS arena. TISA wishes our members and the [#ITSCommunity](#) all the best for the season.

[#talkingITS](#) [#creatingstandards](#) [#together](#) [#seasonsgreetings](#) 🎄



06/12/2023

[NAPCORE](#) shared

Last month, the [#DATA4PT](#) team head to Budapest for the [NAPCORE](#) Mobility Data Days. In multiple sessions, our experts took to the stage to exchange and explore how data can be used to push mobility forward.

Read here our key takeaways from the event: <https://lnkd.in/ewnZu-Rx>

[ITxPT](#) [UITP](#) [European Commission](#)
[#data](#) [#UrbanMobility](#) [#PublicTransport](#)



30/11/2023



[NAPCORE](#) shared this post



A group of [NAPCORE](#) experts in European mobility data standards and convenors of three CEN TC278 working groups are reunited today in the [ERTICO - ITS Europe](#) offices.

Under the coordination of [Sylvain Belloche](#), from the French Ministry, this meeting marks a significant step towards streamlining data exchange and harmonising relevant data standards, fostering a more interconnected European mobility ecosystem. This is a top priority both for TN-ITS and NAPCORE.

[#DataStandards](#) | [#Mobilitydataspace](#) | [#dataexchange](#) | [#harmonisation](#)

[Stephen T'Siobbel](#) [Frank Daems](#) [Bard de Vries](#) [Emmanuel de Verdalle](#) [Jean-Philippe Mechin](#) [Peter Lubrich](#) [David Ariño Montoya](#) [Fabrizio Paoletti](#) [Jan Vlčinský](#) [Jonathan Harrod Booth](#) [Loïck BLAIVE](#) [Josef Kaltwasser](#) [Martin van Ekelenburg](#)



28/11/2023



🗨️ Today the second day of the [TISA - Traveller Information Services Association](#) workshop on data quality for [#RTTI](#) use cases! Organised in closed collaboration with [NAPCORE](#) and part of the [#RTTI](#) action plan of [NAPCORE](#).

💡 The first day ended with an interesting proposal on behalf of the serviceproviders: a five ★★★★★ data quality rating.

🍽️ Lots of food for food that will be discussed in more detail today!

[Annet van Veenendaal](#)

💡 This is how the first day of the [TISA - Traveller Information Services Association](#) workshop on data quality for some key [#RTTI](#) use cases ended: lively discussions on the interesting proposal [TomTom](#) [Google](#) [Be-Mobile](#) [HERE Technologies](#) and [INRIX](#) did this afternoon.

? So what was the proposal? Having a five ★★★★★ quality rating for different use cases (based on several criteria like completeness, refresh rate, consistent event ID, etc.) and how the serviceproviders will incorporate those data in their services (when the minimum level of quality is reached).

🗨️ Lots of ideas and questions on this proposal, which we will discuss in more detail today. So again, curious what today will bring!



27/11/2023



Second presentation of the [TISA - Traveller Information Services Association](#) workshop on [#data #quality](#): [Teun Hendriks](#) about the importance of trust and collaboration when it comes to data quality.

Some quotes:

- ◆ "User quality requires alignment on the whole value chain."
- "Quality commitment needs level of trust."
- ◆ "Quality is important, but also quality management: plan, do and check and act."

Next up: the 5 star quality rating proposal by the serviceproviders [TomTom](#) [Google](#) [HERE Technologies](#) [INRIX](#) and [Be-Mobile](#)....

27th November 2023



Almost about to start! Stay tuned for more updates!

[Annet van Veenendaal](#)

Today's setting for the two day workshop of [TISA - Traveller Information Services Association](#) on data quality for three focus use cases for the [#RTTI](#) implementation:

- ◆ maximum speed
- ◆ roadworks
- ◆ road closures.

With [TomTom](#), [Google](#), [Be-Mobile](#), [INRIX](#) and [HERE Technologies](#) and several other EU interested partners. All in close collaboration with [NAPCORE](#), [Gemeente Amsterdam](#) en [Nationaal Toegangspunt Mobiliteitsdata](#).

Curious what today and tomorrow will bring!



27th November 2023



🗨️ After the opening by [Stephanie Leonard](#), who is chairwoman of [TISA - Traveller Information Services Association](#) [Peter Lubrich](#) is now explaining how [NAPCORE](#) is working on [#data](#) [#quality](#).

🔵 Stay tuned for more reporting on the two day workshop on data quality for the key [#RTTI](#) use cases (maximum speed, roadworks and road closures).

[illegible]

Thanks to [Alex Papacharalampous](#) for introducing the project, the challenges it tackles, the vision and the advancement it will make.

KEYSTONE EU Session at NAPCORE Mobility Data Days Event!

16/11/2023



The cartoon depicts a central blue square with the letters 'NAP' in white, surrounded by a circular blue arrow indicating a cycle. Above the square, a person in a green vest and yellow cap sits at a desk with a computer. Below the square, a blue train, a person on a bicycle, and a white car are shown. The background features a blue city skyline. The video player interface at the bottom shows a progress bar at 1:04 / 2:53, a subtitle 'exchange and re-use of mobility data', and various control icons.

🔔 What is a NAP? NAPCORE cartoon is out!!!

14/11/2023



 Go Green demonstration was presented at the MDD2023.

Thanks to [Itir Coskun](#) for her commitment for a future cooperation with NAPCORE at the MDD2024

NAPCORE shared this post



 Elevating Mobility: SWARCO at [#NAPCORE](#) Mobility Data Days  This week, our Innovation Team took the stage at the NAPCORE event in [#Budapest](#), unveiling the groundbreaking [#GoGreen](#) initiative. In impactful discussions with Sabrina Caiani (SINA SpA - ASTM Group), who has also announced as proxy on behalf of the Italian Ministry of Infrastructure and Transport that the next MDD2024 will be hosted in Italy, we gained valuable insights on Italian priorities, challenges and activities towards achieving [#NetZero](#). NAPCORE, the world's largest organization for coordinating mobility platforms, serves as the driving force behind National Access Points (NAPs) in Europe. As we align with their mission, our focus is on harmonizing the implementation of European specifications on the ITS Directive. Italy's commitment to hosting the 2024 NAPCORE [#MobilityDays](#) marks a significant milestone. SWARCO is thrilled to contribute to this monumental event, reinforcing our dedication to fostering EU-wide



coordination among NAPs and National Bodies.

Our interest in NAPCORE is not just about collaboration—it's about shaping the future. We are passionate about increasing [#interoperability](#) in the mobility domain, establishing data standards, and promoting recommendations for exchange, content, access, and availability. At SWARCO, [#innovation](#) is in our DNA. Our participation in NAPCORE Mobility Data Days reflects our ongoing commitment to revolutionizing the industry. As we look forward to more insightful discussions, collaborations, and innovations, join us on this journey toward a greener, more connected future. 🌍💡

We look forward to meeting you all at the prestigious NAPCORE Mobility Days in 2024!

09/11/2023



9 November 2023

13:45 – 15:00

Auditorium

CLOSING PLENARY



● MDD2023 – Budapest 9th November ●

✦ CLOSING PLENARY - 13:45 – 15:00

In the Auditorium for the focus on the main topics discussed and results of the event.

Then space to last interventions and farewell.



09/11/2023



9 November 2023

11:30 – 12:45

◆ A roadmap for the alignment and harmonisation of NAPCORE-related data exchange standards - Auditorium

◆ NAPCORE's future – here to stay - Magnolia

◆ Interoperability Demonstrators & European Access Point(s) - Kamilla1-3

◆ METR – Management of Electronic Traffic Regulations – What is it and what is the European engagement to the concept - Kamilla2-4

NAPCORE MOBILITY DATA DAYS

BUDAPEST
7-9 NOVEMBER 2023

Co-funded by
the European Union

● MDD2023 – Budapest 9th November ●
✦ 3RD DAY PUBLIC SESSIONS - 11:30 – 12:45

◆ A roadmap for the alignment and harmonisation of NAPCORE-related data exchange standards - Auditorium

[Sylvain Belloche](#)

◆ NAPCORE's future – here to stay - Magnolia

[Timo Hoffmann](#)

[Damaris Anna Gruber](#)

◆ Interoperability Demonstrators & European Access Point(s) - Kamilla1-3

[João Gabriel Carriço de Lima Montenegro Duarte](#)

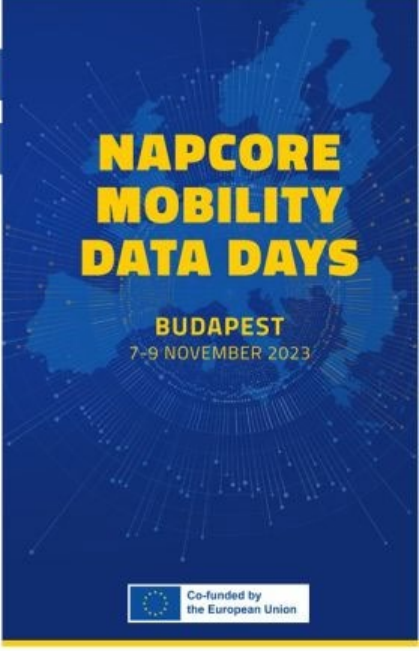
◆ METR – Management of Electronic Traffic Regulations – What is it and what is the European engagement to the concept - Kamilla2-4

[Bard de Vries](#)

[Kjersti Leiren Boag](#)



09/11/2023

 9 November 2023 10:15 – 11:30 Road operator data for NAPS - Auditorium Compliance Assessment: Simplification through harmonisation for multi-national options - Magnólia Guidance NAPCORE trainings & communication - Kamilla 2-4	
● MDD2023 – Budapest 9th November ● ✦ 3RD DAY PUBLIC SESSIONS - 10:15 – 11:30 ◆ Road operator data for NAPS - Auditorium Frank Daems ◆ Compliance Assessment: Simplification through harmonisation for multi-national options - Magnólia Damaris Anna Gruber Timo Hoffmann ◆ Guidance NAPCORE trainings & communication - Kamilla 2-4 drs Michelle Fransen David Ariño Montoya	

09/11/2023



 9 November 2023 08:45 – 10:00 ◆ Data provision in urban/regional areas: How to support the implementation of the new EU urban mobility framework - Auditorium ◆ Safety Related Traffic Information (SRTI) – Magnólia ◆ NAPCORE & C-Roads - Kamilla1-3	
● MDD2023 – Budapest 9th November ● ✦ 3RD DAY PUBLIC SESSIONS - 08:45 – 10:00 ◆ Data provision in urban/regional areas: How to support the implementation of the new EU urban mobility framework - Auditorium Damaris Anna Gruber Patricia Pumpler ◆ Safety Related Traffic Information (SRTI) – Magnólia Timo Hoffmann Bard de Vries ◆ NAPCORE & C-Roads - Kamilla1-3 Sylvain Belloche	

08/11/2023



● MDD2023 – Budapest 8th November ●

🎯 OVERVIEW OF DAY 2

Very busy day with public sessions, opening plenary and many networking opportunities.

Main topics were:

- ◆ NAP reference architecture
- ◆ Multimodal Travel Information Services
- ◆ Real Time Traffic Information
- ◆ (C-)ITS Corridor projects
- ◆ mobilityDCAT-AP
- ◆ Rail interoperability
- ◆ Cycling data
- ◆ Parking data
- ◆ [DATEX II](#) and [TN-ITS](#) merger

... and more

Tomorrow final day and we'll continue discussions at the Mobility Data Days 2023 in Budapest



08/11/2023

🏆 Today during MDD2023 [Cycling Industries Europe](#) and [ITxPT](#) signed a Memorandum of Understanding.

See all the details below



Both organisations aim to build efficient, sustainable, and attractive mobility offers for all travellers. Their work complements each other as they are addressing different modes of transportation in their daily work with outcomes of their working group reflecting consensus among a large variety of stakeholders. 🌐

This MoU is the translation of how both organisations will support each other in the accomplishment of their mission.

CIE partners with the [MegaBITS EU](#) project, supporting five flagship city initiatives to implement cutting-edge cycling and intelligent transport systems (ITS), allowing for the testing and consultation of best practices in this field. 🚲 🏠 ☀️

[Cycling Industries Europe](#)

CIE delivers the strengths of the cycling business sector to sustainable mobility and recreation in Europe, representing cycling businesses at the EU level. A core purpose of CIE is to demonstrate the benefits of the whole cycling ecosystem including the supply chain and service industries, and to include all dimensions of cycle use from mobility to recreation and sport.

[ITxPT](#)

ITxPT is a non-profit association open to all companies and organizations with an interest in developing public transport into the most efficient, sustainable, and attractive means of travel. Its members are a mix of industry, operators, and authorities from all over the world.

ITxPT aims to enable interoperability between IT systems in Public Transport by offering public specification of an IT architecture based on standards with open interfaces for on-board, over-the-air and back-office IT systems.

Through its EU-funded projects Data4PT and NAPCORE, ITxPT supports the European Union Member States and all relevant stakeholders (data providers, data consumers, PTAs, PTOs, Transport Associations, IT suppliers etc.) in the development and implementation of European CEN public transport data standards. The support consists of contributing to standards development and implementation through profiles, technical artefacts, validation tools, helpdesk, and any other required activities such as communication, training events and workshops

08/11/2023



🏆 A brilliant cooperation came up at the MDD2023: [Cycling Industries Europe](#) CIE and [European Parking Association](#) EPA signed a Memorandum of Understanding.

Read all the details here 🖱️

🎉 Cycling Industries Europe (CIE) and European Parking Association (EPA) Announce New Collaboration in Mobility Data and Standardisation! 🤝

CIE and EPA are delighted to announce a new collaboration that extends the work of both associations to provide standardised cycle parking data to industry, public authorities, transport operators, and other stakeholders.

At the [NAPCORE](#) Mobility Days in Budapest the associations signed a new Memorandum of Understanding that will create a pilot to extend the internationally recognized Alliance for Parking



Data Standards to cycle parking. The organisations recognize that as cycle parking increases in scale, becomes more digitalized and introduces new business models it faces many challenges. This pilot is an opportunity to share expertise in diverse use cases, for example, cycle parking pilots in car parks, parking installations of CIE's members, or cycle parking facilities located in the partner cities and regions of the MegaBITS project. 🏠

CIE and EPA are working to build more sustainable, and attractive mobility offers for all travellers. Their work complements each other as they are representing different stakeholders in the mobility ecosystem, and they share some common aims in the extension of data use and standards at the EU level.

[Cycling Industries Europe](#)

CIE delivers the strengths of the cycling business sector to sustainable mobility and recreation in Europe, representing cycling businesses at the EU level. A core purpose of CIE is to demonstrate the benefits of the whole cycling ecosystem including the supply chain and service industries, and to include all dimensions of cycle use from mobility to recreation and sport. CIE aims to double the use of bikes in Europe by 2030 and create 1 million green and sustainable jobs across the whole cycling ecosystem in the same period! 🚲

CIE is also a leading partner in the Interreg [Interreg North Sea Programme](#) co funded project [MegaBITS EU](#). The programme supports five flagship initiatives in different cities in implementing cutting-edge cycling and ITS, offering a platform to test and consult on best practices.

[European Parking Association](#)

EPA is an international non-profit organization with the mission to facilitate cooperation between the professional parking organizations of the different European countries, the exchange and mutual support of professional experience among members and to advise the European Commission and other relevant international bodies on the role of effective parking and kerbside management in delivering sustainable urban mobility.

EPA is one of the founders of the international Alliance for Parking Data (APDS). The alliance has the mission to develop, promote and maintain a uniform global standard for parking data. 🌐 🇪🇺
The APDS specifications allow organizations to share all types of parking and related data across platforms worldwide.

08/11/2023

 8 November 2023 15:30 – 17:00 ◆ European data availability & NAP added value scenarios - Auditorium ◆ DATEX II / TN-ITS merger - Magnólia ◆ Digitalisation in parking and impact on the Mobility Data Space and NAPS – Kamilla2-4	
● MDD2023 – Budapest 8th November ● 📌 2ND DAY PUBLIC SESSIONS - 15:30 – 17:00 ◆ European data availability & NAP added value scenarios - Auditorium Maria Stavara Evangelos Mitsakis ◆ DATEX II / TN-ITS merger - Magnólia Bard de Vries Frank Daems Sylvain Belloche Stephen T'Siobbel ◆ Digitalisation in parking and impact on the Mobility Data Space and NAPS - Kamilla1-3 Nigel Williams Tom Antonissen	



08/11/2023

 8 November 2023 13:30 – 15:00 ◆ Improving National Access Point interoperability through harmonisation of their Level of Service - Auditorium ◆ mobilityDCAT-AP, a new metadata specification for NAPs and mobility data portals – Magnólia ◆ Challenges of rail interoperability within the scope of multimodal booking aspects - Kamilla 1-3 ◆ Challenges and Opportunities for Cycling Data Standardisation - Kamilla 2-4	
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● MDD2023 – Budapest 8th November ●
✦ 2ND DAY PUBLIC SESSIONS - 13:30 – 15:00

- ◆ Improving National Access Point interoperability through harmonisation of their Level of Service -Auditorium
[Nuno Rodrigues](#)
[João Gabriel Carriço de Lima Montenegro Duarte](#)
- ◆ mobilityDCAT-AP, a new metadata specification for NAPs and mobility data portals – Magnólia
[Peter Lubrich](#)
- ◆ Challenges of rail interoperability within the scope of multimodal booking aspects - Kamilla 1-3
[David Ariño Montoya](#)
[Emmanuel de Verdalle](#)
[Anastasia Founta](#)
[Mélisa Blot](#)
- ◆ Challenges and Opportunities for Cycling Data Standardisation - Kamilla 2-4
[Cristina Buraga](#)
[Mirelle Peters](#)



08/11/2023



8 November 2023

11:30 – 12:30

Auditorium

OPENING PLENARY CONFERENCE



● MDD2023 – Budapest 8th November ●

✦ OPENING PLENARY CONFERENCE - 11:30 – 12:30

WELCOME in the Auditorium with
Hungarian representatives

[Timo Hoffmann](#)

[Kevin Mayne](#)

[Nigel Williams](#)

[András Selmeczy](#)



08/11/2023

 8 November 2023 09:30 – 11:00 Implementation of the revised Real Time Traffic Information (RTTI) Delegated Regulation (DR) – Auditorium NAP Reference Architecture for harmonization of European NAPs – Magnólia Implementations of Multimodal Travel Information Services and reflections on upcoming Multimodal Digital Mobility Services - Kamilla 1-3 NAPCORE & Corridor projects (X4ITS, Meridian, Matis) - Kamilla 2-4	
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● MDD2023 – Budapest 8th November ●

✦ 2ND DAY PUBLIC SESSIONS - 09:30 – 11:00

- ◆ Implementation of the revised Real Time Traffic Information (RTTI) Delegated Regulation (DR) – Auditorium
[Annet van Veenendaal](#)
- ◆ NAP Reference Architecture for harmonization of European NAPs – Magnólia
[Petr Bureš](#) [Benjamin Witsch](#)
- ◆ Implementations of Multimodal Travel Information Services and reflections on upcoming Multimodal Digital Mobility Services - Kamilla 1-3
[David Ariño Montoya](#) [Emmanuel de Verdalle](#) [Anastasia Founta](#)
- ◆ NAPCORE & Corridor projects (X4ITS, Meridian, Matis) - Kamilla 2-4
[Damaris Anna Gruber](#)



07/11/2023



● MDD2023 – Budapest 7th November ●

🎯 OVERVIEW OF DAY 1

Only (intense) networking left on the agenda for this evening!

Today we had a full day of internal NAPCORE meetings and strategic sessions with our Core Alignment Team and Advisory Board.

Main topics were:

- ◆ the newly revised ITS Directive
- ◆ Real Time Traffic Information use cases
- ◆ data on Alternative Fuels Infrastructure
- ◆ the relationship between National Access Points and the Mobility Data Space
- ◆ mobility data standardization
- ◆ the future of NAPCORE

... and more

Tomorrow and the day after we'll continue these discussions and many more in the public part of the Mobility Data Days 2023 in Budapest.



07/11/2023



7 November 2023
16:30 – 18:00

STRATEGIC SESSIONS

- Alternative Fuels Infrastructure
Selmeczy Andras - Ruud van den Dries - Benjamin Witsch
- MaaS as a use case for NAPs [Mélisa Blot](#)
- Implementing the new RTTI [Annet van Veenendaal](#)
- NAPs in the European Mobility Data Space [Timo Hoffmann](#)



● MDD2023 – Budapest 7th November ●

📌 PARALLEL STRATEGIC SESSIONS

16:30 - 18:00

📌 Alternative Fuels Infrastructure – room Jázmin II
[András Selmeczy](#) - [Ruud van den Dries](#) - [Benjamin Witsch](#)

🚗 🚌 🚆 📱 MaaS as a use case for NAPs – room Kamilla 1-3
[Mélisa Blot](#)

NEW Implementing the new RTTI – room Magnolia
[Annet van Veenendaal](#)

🌐 NAPs in the European Mobility Data Space – room Kamilla2-4
[Timo Hoffmann](#)

07/11/2023



This project has received funding from the European Commission's Directorate General for Transport and Mobility under Grant Agreement no. MOVE/B4/SUB/2020-123/SI2.85223



7 November 2023

13:00 – 16:15

Auditorium

ADVISORY BOARD



● MDD2023 – Budapest 7th November ●
✦ ADVISORY BOARD

13h00-16h15
Auditorium

Today [Timo Hoffmann](#) BAST will welcome and [Damaris Anna Gruber](#) AustriaTech will chair the meeting introducing the interactive work that will follow with presentation and discussion of the following topics:

- ◆ The revised ITS directive and its implications information [Sine Dyreborg](#) Danish Road Directorate
- ◆ Future of NAPCORE information Damaris Anna Gruber AustriaTech
- ◆ Standardisation aspects in context of a selected topic information [Bard de Vries](#) NDW
- ◆ Use cases for the use of NAP data in support of multi-modal traffic operations information Chrysostomos Mylonas [Maria Stavara](#) CERTH

06/11/2023



■ mobilitydcat-ap ■

mobilityDCAT-AP is a metadata specification for National Access Points and other mobility data portals.

Metadata is a crucial building block for the accessibility and reusability of datasets, as offered on NAPs and other mobility data portals.

So far, there has been no established common metadata approach specific to mobility data portals. mobilityDCAT-AP aims to fill this gap. It provides a structured, interoperable and harmonised approach to describing and exchanging metadata about datasets and about access for such datasets related to mobility, and in particular related to Intelligent Transport Systems (ITS). Its primary goal is to enhance the cross-border and cross-sectorial discoverability of ITS- and mobility-related datasets published on relevant data portals.

mobilityDCAT-AP provides precise and unambiguous metadata designations for any data offering with mobility relevance, e.g., for representing the data topic, the data provider or the data format. It is highly recommended that the metadata management of National Access Points (NAPs) in Europe, or any other mobility data portals, is based on mobilityDCAT-AP in order to harmonise their data descriptions and ease the exchange of metadata in the mobility data ecosystem. Furthermore, this will ensure the basis for extended interoperability, among others, between individual NAPs and other data portals.



mobilityDCAT is a product of a dedicated Metadata Working Group within the EU-funded project NAPCORE: <https://lnkd.in/etsj6HDp>

The latest version of the mobilityDCAT-AP (v1.0.0) is available here:

https://lnkd.in/egg_UwYx

This website contains an online documentation of the mobilityDCAT-AP specification, including a human-readable vocabulary description; a set of usage notes; a set of machine-readable serialisation formats to allow IT systems process the vocabulary; and schemas for automated conformance validation. In addition, user support is provided via a dedicated GitHub repository where users can interact with the editors, for example by raising questions and issues.

Following its release in October 2023, this specification is promoted for wide-spread use in mobility data portals. An Accompanying Guideline is planned as a practical orientation for future users of mobilityDCAT-AP.

Some NAPs are interested in implementing mobilityDCAT-AP in their systems as early adopters. The NAPCORE Metadata Group supports such adopters through direct support and feedback. In addition, the development of a cross-border metadata directory using mobilityDCAT-AP will be demonstrated as a proof-of-concept. Lastly, a formal maintenance and governance organisation will take care of the future progress of mobilityDCAT-AP.

02/11/2023



PROGRAMME with sessions description and speakers:

[8th November session details](#)

[9th November session details](#)



● MOBILITY DATA DAYS 2023 ●

NEW

Look at the session details: description, room and speakers that are available on our website!

 https://lnkd.in/dw_wu7Wm

Stay tuned next week for many more info from Budapest!



31/10/2023



9 November 2023

08:45 – 10:00

Safety Related Traffic Information

Timo Hoffmann - BAST
 Matthias Unbehaun - TISA
 Joost Vantomme - ERTICO
 Mohanad Ismail - WSP
 Nicolas Vivarelli - Post Luxembourg
 Manfred Harrer - ASFINAG



✦ Join the session "Safety Related Traffic Information - SRTI" at the MOBILITY DATA DAYS 2023 in Budapest

📅 9th November

🕒 08:45 – 10:00

[Timo Hoffmann](#) [Federal Highway Research Institute](#)

[Matthias Unbehaun](#) [TISA](#)

[Joost VANTOMME](#) [ERTICO - ITS Europe](#)

[Mohanad Ismail](#) / [اسماعيل مهند](#) [Ismail](#) [WSP](#)

[Nicolas Vivarelli](#) [Post Luxembourg](#)

[Manfred Harrer](#) [ASFINAG](#)

♦ Safety related traffic information (SRTI) are an important part of the National Access Points' scope according to the Delegated Regulation (EU) 886/2013.

♦ This session deals with SRTI data at the NAPs and takes a deeper dive into the work in two related fields.

[TISA - Traveller Information Services Association](#)

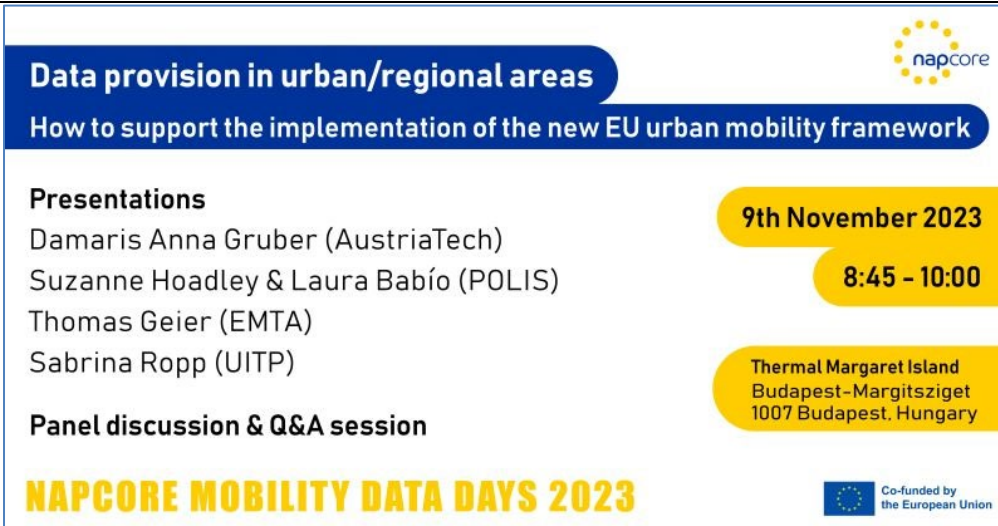
NAPCORE and specifically SWG4.1 is in close cooperation with TISA when it comes to the joint mapping table of safety related traffic information and data. Two speakers both from TISA and NAPCORE SWG4.1 will explain the latest developments and next steps here.

[DFRS - Data For Road Safety](#)

While the aforementioned mapping table is also coordinated with DFRS, in this session will be presented the latest developments of and within DFRS. It will be showcased a new interactive map of vehicle generated safety related data that has been developed by [POST Luxembourg](#) with additional speakers both from a road operator [ASFINAG](#)



30/10/2023



Data provision in urban/regional areas
How to support the implementation of the new EU urban mobility framework

Presentations
Damaris Anna Gruber (AustriaTech)
Suzanne Hoadley & Laura Babío (POLIS)
Thomas Geier (EMTA)
Sabrina Ropp (UITP)

Panel discussion & Q&A session

NAPCORE MOBILITY DATA DAYS 2023

9th November 2023
8:45 - 10:00

Thermal Margaret Island
Budapest-Margitsziget
1007 Budapest, Hungary

Co-funded by the European Union

✦ Join the session "Data provision in urban/regional areas: How to support the implementation of the new EU urban mobility framework" at the MOBILITY DATA DAYS 2023 in Budapest

📅 9th November

🕒 08h45-10h00

[Damaris Anna Gruber](#) (AustriaTech)

♦ Introduction

[Suzanne Hoadley](#) and [Laura Babío Somoza](#) (POLIS)

♦ Focus on cities' perspective

[Thomas Geier](#) (EMTA)

♦ Focus on regions' perspective

[Sabrina ROPP](#) (UITP)

♦ Focus on public transport operators' perspective

The New EU Urban Mobility Framework (2021) aims to support the transition to green, safe, accessible, inclusive and smart mobility.

While proposing measures to encourage EU member states to develop sustainable urban transport systems, it provides guidance for local action.

The stakeholders addressed by the New EU Urban Mobility Framework coincide with the target group of the Delegated Regulations (EU) 2017/1926 (MMTIS) and 2015/962 (RTTI).

In this session, the topic of data provision in urban and regional areas will be discussed, taking into account the perspectives of cities, regions and public transport operators.

Moreover, the requirements and needs of these stakeholders will be identified and proper measures on how to address them will be tackled.



27/10/2023

NAPCORE & (C-)ITS corridor projects

Scope, expectations and coordination



AGENDA

- Presentations on Corridor projects
- Presentation of NAPCORE results
- Panel Discussion
- Q&A with the audience

SPEAKERS

- Damaris Anna Gruber (Moderation)
- Veronika Salmhofer (X4ITS)
- Henri Schlüter & Björn Siebert (MERIDIAN)
- Sylvain Belloche (MATIS)
- Timo Hoffmann (NAPCORE)

NAPCORE MOBILITY DATA DAYS 2023

8th November 2023

9:30 - 11:00

Thermal Margaret Island
Budapest-Margitsziget
1007 Budapest, Hungary



Co-funded by
the European Union

✦ Join the session "NAPCORE & (C-)ITS Corridors projects: scope expectation and coordination" at the NAPCORE MOBILITY DATA DAYS 2023 in Budapest that will give insight into the corridor projects X4ITS, MERIDIAN and MATIS.

📅 8th November

🕒 09h30-11h00

Moderation: [Damaris Anna Gruber](#)

X4ITS: [Veronika Salmhofer](#)

MERIDIAN: [Henri Schlüter](#) and [Bjoern Siebert](#)

MATIS: [Sylvain Belloche](#)

NAPCORE: [Timo Hoffmann](#)

- ◆ Each representative of the projects will provide an overview and more detailed information like status and objectives.
- ◆ Furthermore, a connection to NAPCORE will be made and results of NAPCORE will be explained, as well as a further need for coordination and future expectations will be discussed.

26/10/2023



Compliance Assessment

Simplification through harmonisation for multi-national options

Session Speakers

Damaris Anna Gruber (AustriaTech)
Benjamin Witsch (AustriaTech)
Wolfgang Kernstock (ASFINAG)
Timo Hoffmann (BaSt) & Laura Kupers (NGI)

9th November 2023

10:15 – 11:30

Thermal Margaret Island
Budapest–Margitsziget
1007 Budapest, Hungary

Group works & Q&A

NAPCORE MOBILITY DATA DAYS 2023



Co-funded by
the European Union

25/10/2023



23/10/2023



● NAPCORE Mobility Data Days 2023 ●

The European mobility data conference!

📅 Few tickets still available!

⚠️ Deadline for registration 27 October!

Over 150 delegates from 24 countries will attend!

Look at the programme <https://lnkd.in/dCaVvxxr> to see all the topics covered

👉 More details and link for registration here: <https://napcore.kozut.hu/>

Join us in Budapest HU!



17/10/2023

TM 2.0 workshop

19 October 2023

10:00 - 15:00 CET

Online



NAPCORE shared a post of

📌 Join TM 2.0, our Innovation Platform on interactive traffic management, this Thursday, 19 October, for an insightful online workshop on “Traffic Circulation Plans & Traffic Management Measures & Feedback Loop - Best Practice from the Dutch Projects”.

Learn more about how the Traffic Circulation Plans and Traffic Management Measures are being digitalised in the Netherlands, with best practices from Dutch projects focusing on the feedback loop in interactive traffic management. Participants will get a better understanding of the RTTI Delegated Regulation and the deployment of the TM 2.0 concept.

🔗 Join us here: <https://lnkd.in/eJw4qcBQ>

[Dr. Johanna \(Yanna\) Tzanidaki](#), [Annet van Veenendaal](#), [Itir Coskun](#), [Milica Žižić](#), [Fabrizio Paoletti](#), [Els Rijnierse](#), [Gerard Martens](#), [André Ingelse](#), [Vincent Lau](#) [Frank Daems](#)



16/10/2023

 NAPCORE Mobility Data Days 2023 

 7-9 November - Budapest, Hungary

 Please look at the current PROGRAMME to choose the sessions you would like to attend!

 7 November Advisory Board members and NAPCORE partners only - upon invitation

 8-9 November - public sessions

05/10/2023



03/10/2023



ITS.BE CONGRESS 2023:
**SUSTAINABLE MOBILITY
 THROUGH INNOVATION**
 - THE NEW NORMAL

Wednesday, 4 October 2023, Bluepoint Building Brussels
www.its.be/congress2023

🔔 At the [#ITSBelgium2023](https://www.its.be/congress2023) on October 4 don't miss the opportunity to visit NAPCORE at Stand # 22 of [TN-ITS](#) together with [DFRS - Data For Road Safety](#)



[#ITSBelgium2023](https://www.its.be/congress2023) is around the corner.

[#Technology](#) is the key to unlocking innovative services to accelerate sustainable and smart mobility solutions. On 4 October, top-level public-private representatives will join the ITS Belgium Congress in Brussels.

This is an extraordinary opportunity to foster the mutual transfer of information, best practices and use cases between technology solution providers and end users of (mobile) ICT solutions.

Are you attending the congress?

Engage with us! TN-ITS will be featured at Stand #22, along with the [NAPCORE](#) project and the ERTICO platform [DFRS - Data For Road Safety](#).

If you are willing to find out more about what we do, you are invited to join Break-Out 6: MULTIMODAL MOBILITY MANAGEMENT INNOVATIONS.

Stay tuned to our channels for the main takeaways of this exciting event.



14/08/2023

Announcement NAPCORE Mobility Data Days 2023 !!!

 7-9 November - Budapest, Hungary

 You are all invited to save-the-date and register at: <https://napcore.kozut.hu>

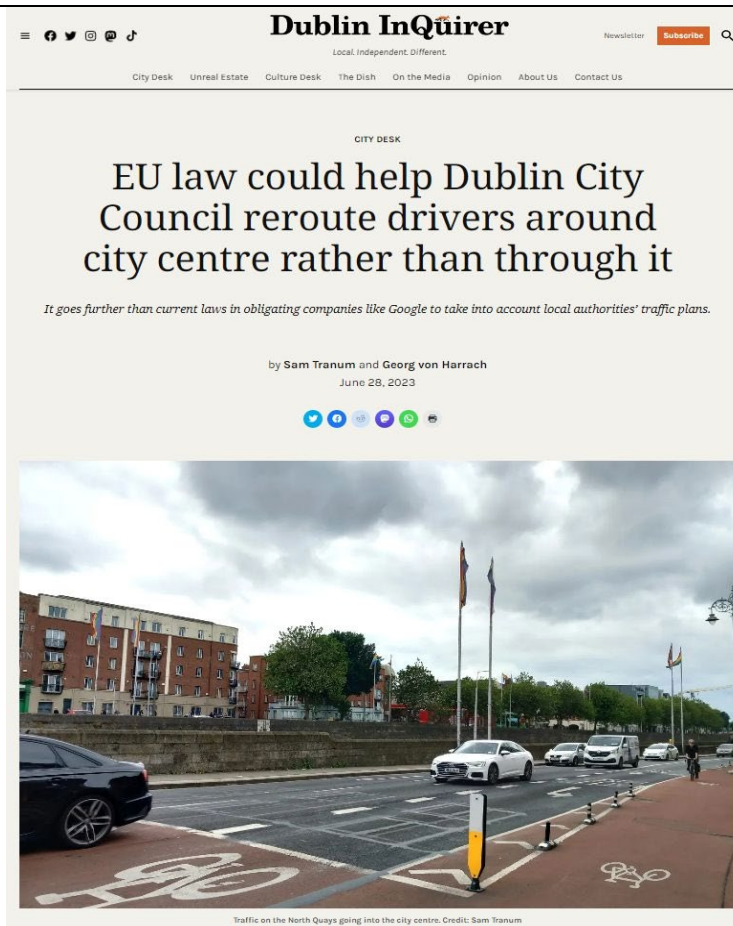


03/08/2023

● ● Last 27 June, [Timo Hoffmann](#) General Secretary of NAPCORE has submitted the Position Paper on the revision of the delegated regulation on multimodal travel information services (EU) 2017/1926 (DR MMTIS) on the Have-your-say-Portal of the European Commission.

Many thanks to [Mélisa Blot](#) and [David Schoenmaekers](#) as main authors for the preparation of the Position Paper

04/07/2023



👉 You may read the article published by the Dublin Inquirer on the implementation of the revised RTTI DR with the contribution of [Annet van Veenendaal](#) as a follow up of the NAPCORE online RTTI workshop on February 1st at this link <https://lnkd.in/d/fh7VNKt>



28/06/2023

● In this special issue of the [Network Industries](#) Quarterly, some NAPCORE Members were invited to critically discuss the opportunities and challenges of building a European Mobility Data Space.



Union's total greenhouse gas (GHG) emissions. Specifically, transport will have to collectively reduce its GHG emissions by 90% by mid-century compared to 1990 levels. This will require advancing digitalisation and the use of data in all modes of transport, including passenger and freight segments. Notwithstanding, data availability, access and exchange in the transport sector today continue to be hampered due to unclear regulatory conditions, the lack of an EU market for data provision, the absence of an obligation to collect and share data, incompatible tools and systems for data collection and sharing, different standards, or data sovereignty concerns, among others.

The European strategy for data aims to establish a single market for data where data can be accessed and used efficiently. This will include the creation of a common European mobility data space to facilitate access, pooling, and sharing of transport and mobility data. In this special issue of the Network Industries Quarterly, invited authors critically discuss the opportunities and challenges of building such a mobility data space.

We would like to thank [Kristóf Almásy](#), Zoe de Linde, [Maryse Bücking](#), [Holger Drees](#), [Olivier Gavaud](#), [Damaris Anna Gruber](#), [Timo Hoffmann](#), [Eva T.](#), [Annet van Veenendaal](#), [Katri Valkokari](#) and [Matteo Antoniola](#) for the great collaboration!

Read the full issue

09/06/2023



 Let's wait for this important update at the Steering Committee!

[Annet van Veenendaal DATEX II](#)

[DATEX II](#)

[Today we had a magnificent workshop on the usecase of temporary road and lane closures in todays navigation services. With a great contribution of the Navigation Service Providers Be-Mobile, TomTom, INRIX and Google](#) a deepdive in the requirements they have to make data usefull for navigation services. 75 attendees from all over Europe participated actively in a 3 hour online workshop that gave great input to the requirements this use-case brings. As a result we will bring a recommendation for a deployable DATEX II Profile to the [NAPCORE](#) Steering committee.

We already received enthusiastic positive feedback and people looking forward to having more of this!

[#data #europe DATEX II Organization](#)



This project has received funding from the European Commission's Directorate General for Transport and Mobility under Grant Agreement no. MOVE/B4/SUB/2020-123/SI2.85223

08/06/2023



[NAPCORE](#) ha diffuso questo post

DATEX II

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[#data](#) [#europe](#) [DATEX II Organization](#)



07/06/2023



05/06/2023



Sharing Mobility Data for Traffic Management
(Mobility Data Spaces and Platforms)

ISFO
4th International Symposium on Freeway and Tollway Operations

Speakers

- Lucie Kirstein - acatech
- Timo Hoffmann - BAST
- Annet van Veenendaal - NDW
- Tobias Schleser - ASFINAG
- Wolfgang Schildorfer - FH Oberösterreich
- Matthew Juckes - Aimsun
- Kevin T. Miller - SwRI

Moderator

Damaris Anna Gruber

26th June 2023
16:15 - 17:45

austriatech

📌 4th International Symposium on Freeway and Tollway Operations (ISFO) in Vienna 26th-30th June

[Damaris Anna Gruber](#) [Timo Hoffmann](#) [Annet van Veenendaal](#)

SAVE-THE-DATE



26 June



16:15 - 17:45

[AustriaTech](#)

[#ISFO2023](#) [#NAPCORE](#)

Looking forward to moderating this interesting workshop on data sharing and data spaces for future traffic management solutions - we will discuss experiences from the US and compare with European strategies and successes - come and join us at [#ISFO2023](#) in beautiful Vienna, hosted by [AustriaTech](#)

with [Lucie Kirstein](#), [Timo Hoffmann](#), [Annet van Veenendaal](#), [Tobias Schleser](#), [Wolfgang Schildorfer](#), [Matthew Juckes](#) and Kevin Miller

[NAPCORE](#), [ASFINAG](#), [acatech – Deutsche Akademie der Technikwissenschaften](#), [National Road Traffic Data Portal](#), [Fachhochschule Oberösterreich](#), [Aimsun](#)

register here: <https://lnkd.in/e7NwaCiP>



25/05/2023

●● NAPCORE would thank [IMT - Instituto da Mobilidade e dos Transportes](#) and [Ricardo Tiago](#) for organizing and hosting NAPCORnEr at the IMT booth as well as WG1 and CAT meeting in IMT offices 🙌



25/05/2023

DATEX II

Co-funded by
the European Union

24. May 2023

13:10 – 13:25

EC booth

Signature Declaration of Lisbon

Timo Hoffmann – Coordinator of NAPCORE

Bard de Vries – Chair of the DATEX II Change Management Board

Christian Kleine – President of the TN-ITS platform

its

EUROPEAN
CONGRESSLISBON, PORTUGAL
22-24 MAY 2023

ITS: The Game Changer.

● ● 24.05.2023 NAPCORE [DATEX II](#) and [TN-ITS](#) signed the Declaration of Lisbon at the EC booth of the ITS Congress in Lisbon

Datex II and TN-ITS identified a strategic need and a joint objective to align and harmonize the two standards, to support current and future European road and traffic management services in a coherent way.

With the declaration of Lisbon DATEX II and TN ITS declare that they will, in the context of NAPCORE, together:

- ◆ develop and deploy the merging of the two technical standards
- ◆ setup a sustainable governance of the resulting standard
- ◆ facilitate user adoption to support relevant EU policies
- ◆ support stakeholder engagement communities

[Timo Hoffmann](#) [Bard de Vries](#) [Christian Kleine](#)

[Gilles CARABIN](#) [Milica Žižić](#)

[#itslisbon](#)

[#DataExchange](#) [#roaddata](#) [#harmonisation](#) [#collaboration](#)



25/05/2023



● ● NAPCORE Overview and outlook

At the EC booth welcomed by [Gilles CARABIN](#) General Secretary [Timo Hoffmann](#) and Deputy General Secretary [Damaris Anna Gruber](#) provided an update on mid-term results.

[#itslisbon2023](#) [#NAPCORE](#)



24/05/2023



🔔 SAVE-THE-DATE for Mobility Data Days 2023 that will take place next 7-9 November in Budapest!!!

We look forward to see you there!

[András Selmeczy](#) in his double role of Alternative Fuel Ambassador provided an overview on "How will the revision of the Delegated Regulation 2014/94 EU affect the harmonisation work?" and as hosting partner of the Mobility Data Days 2023 provided some details on the event.

[#itslisbon2023](#) [#napcore](#) [#mddbudapest2023](#)

24/05/2023



● ● The future of mobility data exchange in Europe - ready, set, go!

📌 part 1

The speakers provided a good summary of what happened in NAPCORE, what are possible future aspects and what is expected in future from NAPCORE

[Gilles CARABIN](#) [Timo Hoffmann](#) [Lucie Kirstein](#) [Ligia Conceição](#) - [Damaris Anna Gruber](#)

📌 part 2

The presenters shared insights about the new collaboration of [DATEX II](#) and [TN-ITS](#), usage and updates of MMTIS standards, including the use of results of NAPCORE for multimodal trip planning

[Timo Hoffmann](#) [Sylvain Belloche](#) [Frank Daems](#) [Bard de Vries](#) [Emmanuel de Verdalle](#) [Edwin van den Belt](#)

[#itslisbon2023](#) [#napcore](#)



23/05/2023



Agreement Objectives are listed in the following:

23/05/2023

🤝 NAPCORE and C-Roads signed the Cooperation Agreement

The cooperation covers the following objectives:



23/05/2023

● ● NAPCORE and [DFRS – Data For Road Safety](#) signed a Cooperation Agreement today



23/05/2023

  24 May 2023 10:00 – 10:30 A10 – Ground Floor – IMT booth NAPCORE Mobility Data Days 2023 Save-the-Date Announcement	 EUROPEAN CONGRESS LISBON, PORTUGAL 22-24 MAY 2023 ITS: The Game Changer.
● ● Don't miss the announcement of our next Mobility Data Days 2023 and our interactive session on Alternative Fuels! András Selmeczy Ruud van den Dries Benjamin Witsch #itslisbon2023 #NAPCORE #alternativefuels	

22/05/2023



Signature Declaration of Lisbon

Timo Hoffmann – Coordinator of NAPCORE
 Bard de Vries – Chair of the DATEX II Change Management Board
 Christian Kleine – President of the TN-ITS platform

its
 EUROPEAN CONGRESS
 LISBON, PORTUGAL
 22-24 MAY 2023
 ITS: The Game Changer.

👉 Signature of the Declaration of Lisbon with [DATEX II](#) and [TN-ITS](#), one of our main results at the EC booth!

📅 24. May 2023

🕒 13:10-13:25

[Timo Hoffmann](#) [Bard de Vries](#) [Christian Kleine](#)

[#itslisbon2023](#) [#NAPCORE](#)



21/05/2023

● ● Members of NAPCORE will be at the NAPCOREner of the IMT booth A10 Groud Floor to meet you and talk about our project!

We hope to meet you there!



19/05/2023

NAPCORE Project Status Update



Timo Hoffmann
Damaris Anna Gruber

24. May 2023

12:50 – 13:10

EC booth




EUROPEAN
CONGRESS

LISBON, PORTUGAL
22-24 MAY 2023

ITS: The Game Changer.

● ● Looking forward for this panel.

👉 Join us there, next week to listen [Timo Hoffmann](#) and [Damaris Anna Gruber](#) providing an update on the mid-term results of our project at the EC booth!

📅 24. May 2023

🕒 12:50-13:10



18/05/2023

The future of mobility data exchange in Europe – ready, set, go!


 **24. May 2023**

Availability, accessibility and
interoperability of data

9:00 - 10:00

Speakers

Gilles Carabin
Lucie Kirstein
Timo Hoffmann
Lígia Conceição
Damaris Anna Gruber

Break
 **Room 1.9**

The role of standards and
the user journey

10:30 - 11:30

Sylvain Belloche
Frank Daems
Bard de Vries
Emmanuel de Verdalle
Edwin van den Belt



Co-funded by
the European Union

[NAPCORE](#) ha diffuso questo post



The 24th May don't miss these sessions at the ITS Congress in Lisbon!!!

[#itslisbon2023](#) [#NAPCORE](#)



16/05/2023

Signature NAPCORE

European Parking Association (EPA) Cooperation Agreement



23. May 2023

16:15 – 16:45

EC booth



Agenda

Timo Hoffmann – Insights NAPCORE

Nigel Williams – Insights EPA

Damaris Anna Gruber – Cooperation Agreement

Signature procedure

Q & A



**EUROPEAN
CONGRESS**

LISBON, PORTUGAL
22-24 MAY 2023

ITS: The Game Changer.

👉 On May 23 NAPCORE and EPA will sign a Cooperation Agreement at the EC booth of the ITS Congress.

Looking forward to see you there!

[Damaris Anna Gruber](#) [Timo Hoffmann](#) [Nigel Williams](#)

[#itslisbon2023](#) [#NAPCORE](#)



14/05/2023

Data sharing and C-ITS: common objectives for C-Roads and NAPCORE



23. May 2023

13:30 - 14:00

EC booth

Moderator
Damaris Anna Gruber

Agenda

Martin Böhm - Insights C-Roads
Timo Hoffmann - Insights NAPCORE
Marie-Christine Esposito - Cooperation agreement
Lígia Conceição - Promotion Urban C-ITS Contest
Signature procedure




**EUROPEAN
CONGRESS**
LISBON, PORTUGAL
22-24 MAY 2023

ITS: The Game Changer.

👉 On May 23rd NAPCORE and C-Roads will sign a Cooperation Agreement at the EC booth of the ITS Congress.

[Damaris Anna Gruber](#) [Martin Boehm](#) [Timo Hoffmann](#) [Marie-Christine Esposito](#) [Lígia Conceição](#)

[#itslisbon2023](#) [#NAPCORE](#)



13/05/2023

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Edwin van den Belt



Co-funded by
the European Union

 The 24th May don't miss these sessions at the ITS Congress in Lisbon!!!

[#itslisbon2023](#) [#NAPCORE](#)



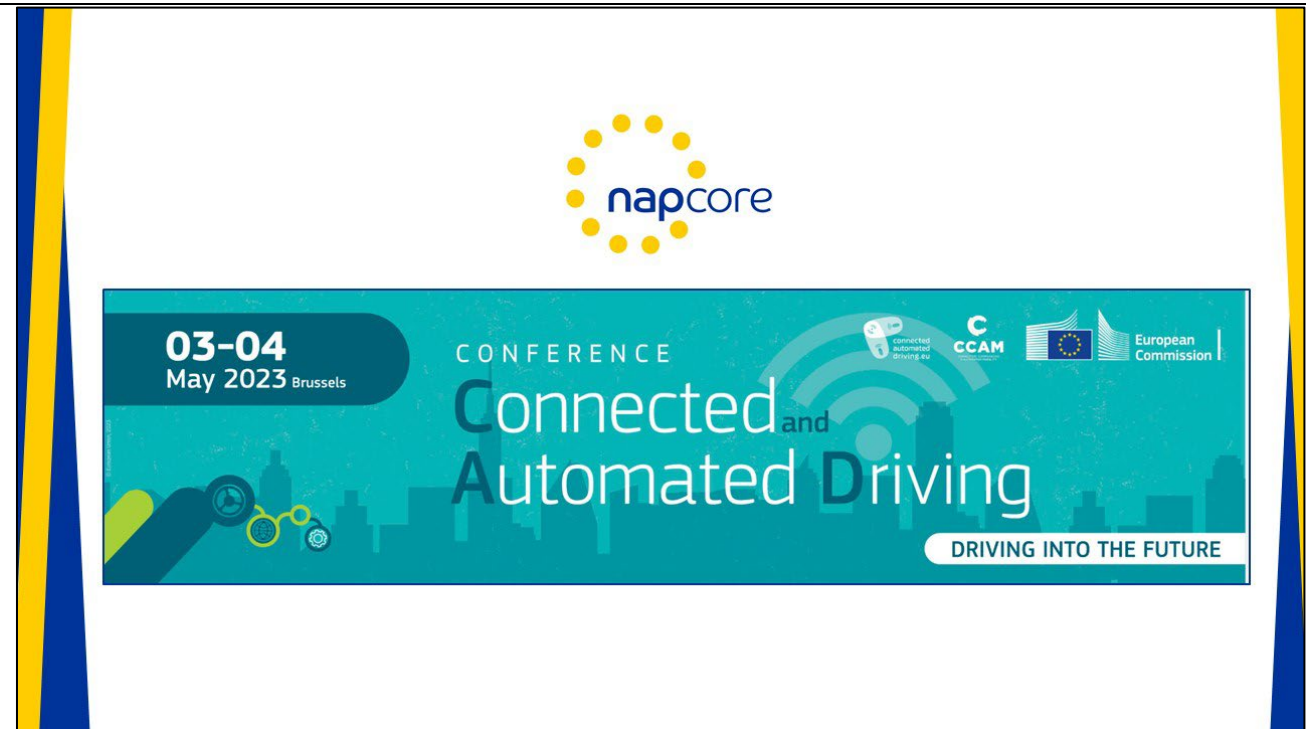
10/05/2023

● Join NAPCORE at the ITS Congress in Lisbon

📅 From Monday, May 22, 2023 to Wednesday, May 24, 2023



03/05/2023



● ● Next 3rd – 4th May in Brussels NAPCORE will participate at the 4th European Conference on Connected and Automated Driving

For more info: <https://www.connectedautomateddriving.eu/eucad/eucad2023/>

17/04/2023



Very interactive discussions today and quite unique to see competitors on stage together!

- We heard about Hardware vs. Software, then and now but the best is to use a hybrid approach.

- Why don't we (road operators and private service providers) don't join forces in improving data on for instance traffic laws and maps?

Would also be a good thing if service providers provide feedback on public data

After the coffee break the second part on "How to Improve Useability of Public RTTI Data".

The NAP's can help the private service providers with the accessibility of the data

The easier data are accessible, it is more likely to reach the road user via the service providers. So, it's a win win for everybody. The road operators have higher impact of the data they are sharing if they harmonize it.

The service providers raise some food for thought: should we come to "mutual" SLA's?

For road operators it would be great to get feedback from the service providers if their data is being used and passed on to the end user and how the quality of the data can be increased.

For the service providers it would be very helpful to have one national contact to deal with: the National Access Point.



The conclusion of day one: public road authorities and private service providers are both chicken and egg. We need each other to better inform the road users.

That's a wrap at the RTTI workshop – but only for today. Tomorrow we'll continue the discussions with a focus on "Instruction & Objectives".

In fact, participants will be organised into 4 break-out groups and will review all submitted RTTI use cases throughout the day in 4 separate sessions.



30/03/2023



● The Alternative Fuels Ambassador group within the NAPCORE project has been established!

In accordance with the path the EU is envisioning for the upcoming years and the revision of the delegated regulation 2014/94/EU (Alternative Fuels Infrastructure Regulation – AFIR), the need of harmonization between the data providers, stakeholders and regulatory institutions is more important than ever.

The NAPCORE Alternative Fuels Ambassadors believe that through an improved and harmonized data infrastructure support the establishment of a uniform data structure and EU-wide used sharing service is possible.

The Ambassadors will focus on observing the process and the coordination between the EC (DG MOVE), NAPCORE Member States with their National Access Points and Stakeholders, as a mediator to achieve this mission.

The goal of the NAPCORE Alternative Fuels Ambassadors is to analyze the ongoing processes and coordinate the requirements between the upper mentioned parties, and to serve as an access point between service providers, car manufacturers, OEMs, CPOs and the Member States facilitating data adoption.

  Feel free to reach out to the NAPCORE Alternative Fuels Ambassadors, if you want to be a part of the transition to a greener Europe through data sharing.

@ruud.vanden.dries@ndw.nu @Benjamin.Witsch@austriatech.at @selmeczy.andras@kozut.hu

#Napcore #datasharing #greendeal #fitfor55

17/03/2023



TN-ITS WEBINAR

TN-ITS value proposals in relation to the revised RTTI Delegated Regulation

 Friday, 17 March

 14h - 15h30

AGENDA

- 14h00 **Welcome**
Milica Zizic (ERTICO)
- 14h05 **TN-ITS, the platform and the standard**
Christian Kleine, TN-ITS president (HERE)
- 14h15 **Introduction to the revised Delegated Regulation**
Annet van Veenendaal (NDW NL)
- 14h30 **RTTI Impact on User experience with Car Infotainment**
François Fischer (Huawei)
- 14h45 **Focus on Traffic Circulation Plan**
Brittany Beagle (GeoJunction)
- 15h00 **TN-ITS data provisioning in relation to the Delegated Regulation**
Stephen T'Siobbel (ERTICO)
- 15h15 **Interactive discussion**
Milica Zizic (ERTICO) - Moderator
- 15h25 **Closing**
Frank Daems, TN-ITS coordinator (ERTICO)

Following up on the RTTI informative sessions, don't miss the webinar 'TN-ITS value proposals in relation to the revised RTTI Delegated Regulation'.

 Friday, 17 March

 14h00 to 15h30

Discover more about the updates of this legal framework for ITS deployment in the European Union and how the TN-ITS multi-stakeholder platform contributes to ensuring accessibility, exchange and update of road data.

Registrations are still open: <https://lnkd.in/efQT2E5v>

Friday, 17th March from 14h00 to 15h30



14/03/2023



Time to celebrate! 🎉 An important step to facilitate the availability of cycling data has been achieved. 🚲



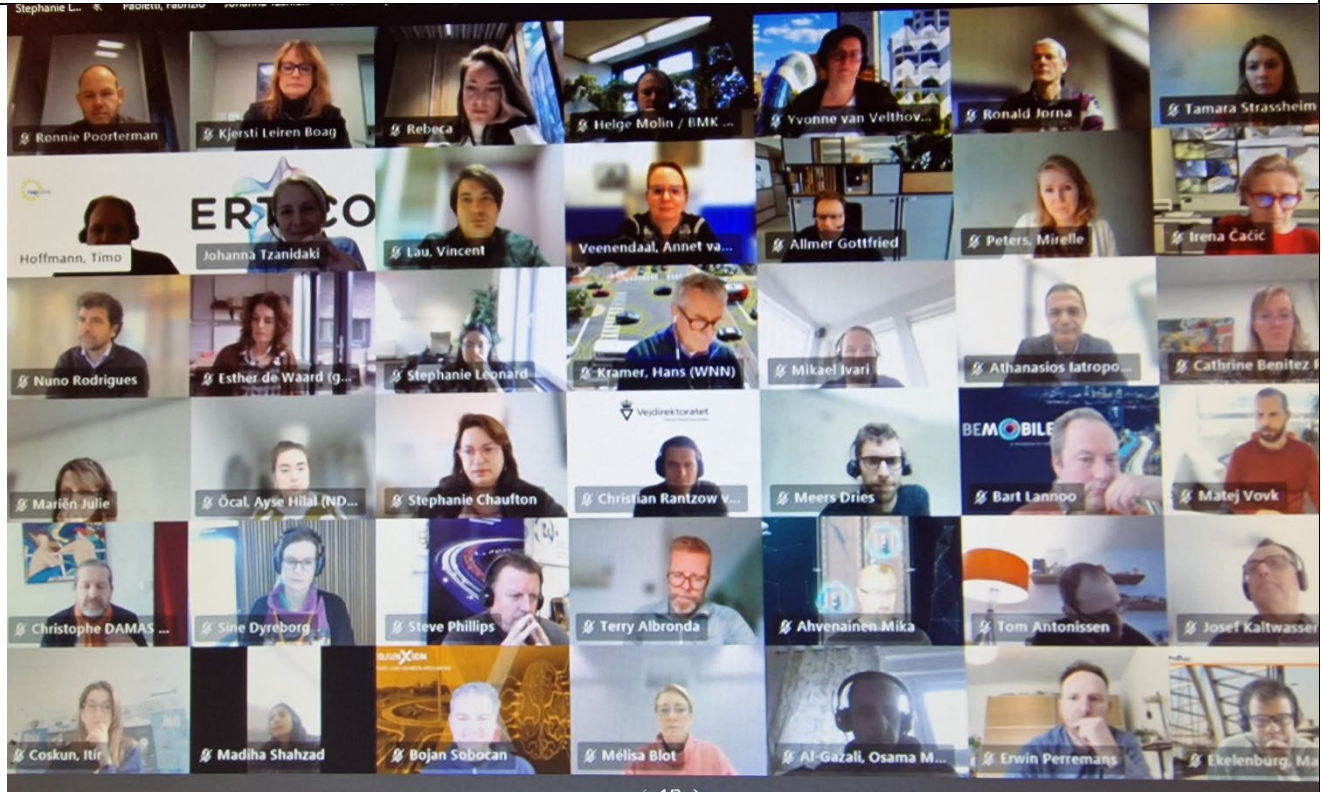
**Cycling
Industries
Europe**

The Cooperation Agreement between CIE and NAPCORE has finally been signed. The united work will help to harmonize data exchange standards and to identify cycling data gaps. A mutually elaborated action plan will support the common objectives of CIE and NAPCORE. Together they will identify new trends, developments and technologies in the cycling data sector.

NAPCORE is looking forward to a successful cooperation!



01/02/2023



DATEX II

NAPCORE shared the post of

Today another step in the alignment on the implementation of the revised Real Time Traffic Information (RTTI) Delegated Regulation!

In this Dutex II workshop on temporary road closures, serviceproviders [Google](#), [INRIX](#), [TomTom](#) and [Be-Mobile](#) and members of the Dutex II community did a deep dive in the needed data requirements, to include this data into accurate navigation advices.

The results of this workshop will be used to define a deployable Dutex II profile that will be presented to the [NAPCORE](#) steering committee.

Follow the [DATEX II](#) page for the next workshops on other RTTI use cases!



2.3. Section 3 — YouTube

Title NAPCORE online workshop on the implementation of the revised RTTI DR

Date 13th February 2023

Image



Text

NAPCORE organized an online workshop on the implementation of the revised RTTI Delegated Regulation in close collaboration with several members of the Advisory Board of NAPCORE: TomTom, TISA, TM 2.0, POLIS and CEDR.

Title Declaration of Lisbon**Date** 01st August 2023**Image****Text**

24.05.2023 NAPCORE, DATEX II and TN-ITS signed the Declaration of Lisbon at the EC booth of the ITS Congress in Lisbon.

Datex II and TN-ITS identified a strategic need and a joint objective to align and harmonize the two standards, to support current and future European road and traffic management services in a coherent way.

With the declaration of Lisbon DATEX II and TN ITS declare that they will, in the context of NAPCORE, together:

- develop and deploy the merging of the two technical standards
- setup a sustainable governance of the resulting standard
- facilitate user adoption to support relevant EU policies
- support stakeholder engagement communities



Title NAPCORE cartoon on NAP

Date 15th November 2023

Image



Text

It was published a cartoon explaining “what is a NAP?” and the role of NAPCORE in the alignment and harmonization of individual NAP throughout Europe.

2.4. Section 4 – Articles and presentations from the Dissemination Tracker

2.4.1. Events and conferences

Event title	Date	Location	Participating partner	Details about NAPCORE participation	Links
CEN TC278 plenary meeting	15-16 March 2023	Helsinki (FI)	Emmanuel de Verdalle (ITxPT)	Report about SWG4.3 activity in the frame of European CEN standardisation technical committee 278 (ITS) promoting the adoption of Transmodel ecosystem (Public Transport standards)	
TN-ITS online webinar on Revised RTTI Delegated Regulation	17 March 2023	online	Frank Daems (ERTICO) Annet Veenendaal (NDW)	14:00-15:30 - value proposals in relation to the revised RTTI delegated regulation	https://tn-its.eu/2023/02/webinar-tn-its-value-proposals-in-relation-to-the-revised-rtti-delegated-regulation/ 



Intertraffic - Automotive Week 2023	17 April 2023	Helmond (NL)	Annet Veenendaal (NDW)	15.30 - 17.00 - Session COUNTLESS BENEFITS OF IN-CAR SERVICES Automotive Campus Helmond	https://www.automotiveweek2023.com/  AUTOMOTIVE WEEK 2023 Smart. Sustainable. Safe.
EPA-NAPCORE WORKSHOP	TBC after the signature of the CA in Lisbon	Hybrid Brussels ERTICO		Agenda • Welcome-GDPR Frank Daems • Parking Data availability on the NAPs Interactive discussion • NAPCORE Parking data quality framework Peter Lubrich WG3 NAPCORE • Status alignment data standards (APDS-DATEXII P6/NeTEx) Sylvain Belloche WG4 NAPCORE • MMTIS DR and revision Emmanuel De Verdalle (WG4.2.3 NAPCORE) • Case study: EV charging points in parking areas (on NAPs) András Selmeczy (AFIR NAPCORE ambassador) • Practical details on EPA-NAPCORE co-op agreement signature ITS EU Lisbon (Sabrina Caiani WG3 NAPCORE)	



RTTI workshop	26-27 April 2023	Berlin (DE)			
4th European Conference on Connected and Automated Driving	03-04 May 2023	Brussels (BL)	Timo Hoffmann (Bast)	T. Hoffman was a panellist in the session “BO2 – Progressing towards CCAM-hosting and enabling infrastructures”	https://www.connectedautomateddriving.eu/eucad/eucad2023/ 
EU ITS Congress 2023	22-24 May 2023	Lisbon (PT)		Damaris and Timo submitted a SIS Christina Buraga and Ronald Jorna presented a paper as Ambassadors for cycling Booth at the IMT presentations at the booth of EC	https://itseuropeancongress.com/ 



UITP Global Public Transport Summit	4-7 June 2023	Barcelona (ES)	Damaris AT Timo/Damaris in contact with USANMAZ Efe <efe.usanmaz@uitp.org> Anastasia	DATA4PT: - Panel discussion at Spotlight Forum about multimodal data exchange standards, 6th June 15.30 - 16.00 (timing TBC) - DATA4PT stakeholders workshop addressed to PTOs/PTAs, 7th June 12.30 – 14.30	https://uitpsummit.org/ 
DATEX II Workshop on Road and lane closures in navigation	8 June 2023	Online	NDW / DATEX II		
CoTS conference	08-09 June 2023	Győr (HU)	András Selmeczy (Magyar Közút Nonprofit Zrt.)	Scientific paper / presentation including the C-ITS implementations and the importance of the NAPCORE Project	https://cots.sze.hu/downloadmanager/download/nohtml/1/id/44021



4th International Symposium on Freeway and Tollway Operations	26-30 June 2023	Wien (AT)	Damaris Anna Gruber (Austriatech) Timo Hoffmann (Bast)	Presentation about NAPCORE	https://www.austriatech.at/en/isfo2023 
11th International Congress on Transportation Research	20-22 September	Heraklion, Crete (Greece)	Evangelos Mitsakis Chrysostomos Mylonas Maria Stavara (CERTH)	Paper/presentation about five NAP use cases conceptualized under the NAPCORE	https://www.ictr.gr/default.aspx 
ITS.be congress	4 October	Bluepoint building Brussels (BL)	TN-ITS	NAPCORE is hosted by TN-ITS at Stand # 22 with DFRS	http://its.be/congress2023 



Urban Mobility Days 2023	4-6 October	Seville (Spain)	Anastacia Founta (ITxPT)	Organised with the forthcoming Spanish Presidency of the Council of the EU, ITxPT, Anastacia Founta participated in UMD in two days in Seville with the following activities: - Holding an informative session about the importance of NAPs and the adoption of standards, in particular for MMTIS DR. Title: <i>"Open data for better urban mobility"</i> - Room: Praga, October 4, from 10:45 to 11:45. For more information you may visit the link. - Contributing to panel discussion where mentioning the added value of DATA4PT and NAPCORE in supporting stakeholders in achieving interoperability. Title <i>"Transforming Urban Public Transport – a Global Perspective"</i> - Room: Brussels, October 4, from 16:45-18:00	<u>Program</u> 
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KTE (Traffic science organisation) - Road days EGER	17-19 October	Eger (HU)	Hungarian Public Roads / András Selmeczy (Magyar Közút Nonprofit Zrt.)	Presentation about the digitalization, importance of datasharing and TN-ITS	https://ktenet.hu/esemenyek/vi-magyar-kozlekedesi-konferencia-47-utugyi-napok/
NAPCORE Mobility Data Days 2023	7-9 November	Budapest (HU)	NAPCORE consortium	Annual Event of the NAPCORE project	https://napcore.eu/mobility-data-days-2023/ 
TODIS Launching Event - Western Balkan Transport Observatory	23 - 24 November	Tirana (Albania)	Damaris Anna Gruber (AustriaTech)	Presentation about NAPCORE and invitation to join as active observers	



ITS Austria Konferenz	27 November	Austria (virtual)	Timo Hoffmann (Bast)	Presentation about NAPCORE	https://www.austriatech.at/de/konferenz-2023/
TISA Workshop	27-28 November	Brussels (Belgium)		Annet van Veenendaal and Peter Lubrich	
Polis conference	29-30 November	Leuven (BL)	Hana (informed CAT)	Several priority topics listed in the call for speakers are relevant to NAPCORE and may provide a good opportunity for visibility. The deadline to submit an abstract is 28 April.	https://www.polisnetwork.eu/wp-content/uploads/2023/02/POLIS-2023-Call-for-Speakers.pdf



2.4.2. ARTICLES

Title	Date	Type of publication	Source	Language	Link
Metadati: cosa sono e perché possono migliorare la mobilità	16 June	Article	CEFRIEL	IT	https://www.agendadigitale.eu/infrastrutture/metadati-cosa-sono-e-perche-possono-migliorare-la-mobilita/
EU law could help Dublin City Council reroute drivers around city centre rather than through it	28 June	Article on the Dublin Enquirer. NAPCORE RTTI workshop online on February 1st.	NDW	EN	https://dublininquirer.com/2023/06/28/eu-law-could-help-dublin-city-council-reroute-drivers-around-city-centre-rather-than-through-it/
"Avoiding the Tower of Babel" Timo Hoffmann quotes"	September	newsletter article	EPA	EN	-



2.4.3. SCIENTIFIC PUBLICATIONS

Title	Date of publication	Type of publication (paper/poster/other)	Author(s)	Organisation (partner responsible)	Link
NIQ Special Issue 'Mobility Data Spaces' - <i>Possible Roles of National Access Points in the European Mobility Data Space</i>	2 June	Special issue of the "Network Industries Quarterly"	Bücking, Drees, Gavaud, Gruber, Hoffmann, Thelisson and van Veenendaal	EUI (European University Institute - Florence Italy) repository CADMUS	link to the publication



2.4.4. OTHER ACTIVITIES

Activity	Date	Partner responsible	Channel	Language	URL	Comments
ITxPT Members Meeting	22 June	ITxPT	Online	English	https://itxpt.org/2023/05/30/itxpt-members-meeting-22-june-2023-at-2-00-pm/ 	David Ariño-Montoya (ITxPT) presented the progress of NAPCORE project around multimodal activities (SWG4.3). European Commission participated as well to report MMTIS and MDMS.
CEN/TC 278 WG3 plenary meeting	29 June	ITxPT	Hybrid	English	https://standards.iteh.ai/catalog/tc/cen/dd3129d2-b4b4-4a74-8f52-a8e334afec7c/cen-tc-278-wg-3	Emmanuel De Verdalle (ITxPT) presented the progress of NAPCORE project around multimodal activities (SWG4.3) and DATA4PT project. European Commission participated as well to report MMTIS and MDMS. CEN/TC 278 WG3 is the european standardisation group on ITS in Public Transport where is specified Transmodel, SIRI, NeTEx, OJP, OpRa standards.



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TN-ITS in the Urban Realm	September	ERTICO	Hybrid	English	-	
Need for Map Innovation	September	ERTICO	Hybrid	English	-	

