



This project is financed by
the European Union

CONNECTA

Technical Assistance for the Deployment of Smart and Sustainable Mobility in the Western Balkans

CONNECTA-TRA-CRM-REG-MOB-07

WORKSHOP no. 3

Smart and green mobility

22/11/2022, Tirana

ITS directive, NAP best case examples

Author: CONNECTA

www.connecta-info.eu

M
MOTT
MACDONALD **M**
CONNECTA CONSORTIUM

- What is a NAP ?
- Legal Framework
- National Access Points in Europe
- Current Data Categories of a NAP
- Foreseen Data Categories of a NAP
- NAP and Data Exchange Protocols
- Best Practice

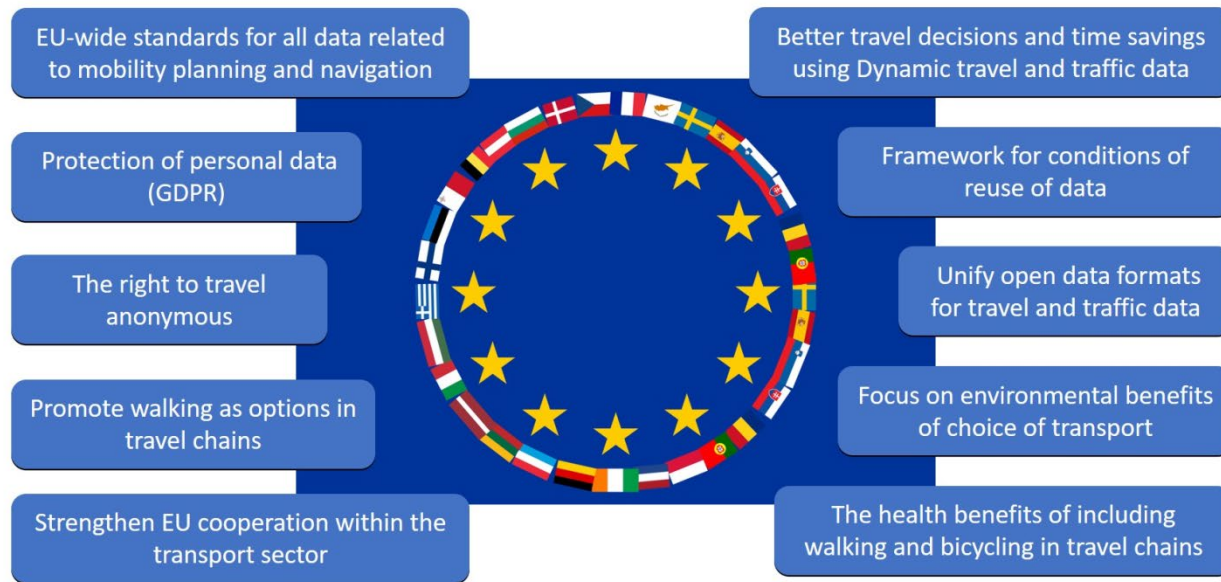


What is a NAP ?

A National Access Point (NAP) is a node in which ITS-related data are concentrated and published in the form of datasets.

NAPs are also set up to facilitate access, easy exchange and reuse of transport related data in Europe, in order to help support the provision of EU-wide interoperable travel and traffic services to end users.

Open Travel and Traffic Data in EU: Goals and perspectives



This project is financed by the European Union

Legal Framework (1/2)

Basis for the creation of the National Access Points and the National Bodies is the ITS Directive of the European Union together with the Delegated Regulations that were created under it.

- **ITS Directive 2010/40/EU**
 1. **Delegated Regulation (EU) 2017/1926 – EU-wide multimodal travel information services (MMTIS)**
 2. **Delegated Regulation (EU) 2015/962 – EU-wide real-time traffic information services (RTTI)**
 3. **Delegated Regulation (EU) 2022/670 – EU-wide real-time traffic information services (RTTI)**
 4. **Delegated Regulation (EU) No 886/2013 – Safety-related (minimum universal) traffic information (SRTI)**
 5. **Delegated Regulation (EU) No 885/2013 – Safe and secure parking places for trucks (SSTP)**
- EC information about NAPs: https://transport.ec.europa.eu/transport-themes/intelligent-transport-systems/road/action-plan-and-directive/national-access-points_en
- previous papers and elaborations about NAPs (EU EIP reports, ITS Congress Papers etc.): <https://www.its-platform.eu/achievement/monitoring-harmonisation-of-naps/>



This project is financed by
the European Union

Legal Framework (2/2)

Note: **All** relevant Delegated **Regulations**, by their legal nature, are legal acts that apply automatically and uniformly to all EU countries as soon as they enter into force, without needing to be transposed into national law. They are binding in their entirety on all EU countries.

https://ec.europa.eu/info/law/law-making-process/types-eu-law_en

In practice, Regulations on MMTIS, RTTI, SRTI, SSTP, enable the development of a variety of ITS services for passenger and freight mobility and ensure ITS data exchange and availability.



This project is financed by
the European Union

National Access Points in Europe



Following the above-mentioned EU Delegated Regulations, EU Member States are obliged to set up National Access Points (NAPs) to facilitate access, easy exchange and reuse of transport related data, in order to help support the provision of EU-wide interoperable travel and traffic services to end users.

Countries that have all topic related NAP in operation are green, countries that have at least one NAP are yellow and countries that don't have any NAP are red.



This project is financed by the European Union

Current Data Categories of a NAP

- Information about safe & secure parking areas (target transport mode: Trucks)
- Information about the safety & equipment of parking areas (target transport mode: Trucks)
- Information about road safety-related events/conditions (target transport mode: Motor vehicles)
- Information about the road network (target transport mode: Motor vehicles)
- Information about the usage of the road network (target transport mode: Motor vehicles)
- Information about roadway and roadside infrastructure (target transport mode: Motor vehicles)
- Road status information (target transport mode: Motor vehicles)
- Traffic information (target transport mode: Motor vehicles)
- Information for location search (target transport mode: All modes)
- Trip plan and auxiliary information (target transport mode: All modes)
- Information for trip plan computation (target transport mode: All modes)
- Traveler services (target transport mode: All modes)
- Information for detailed common standard and special fare queries (target transport mode: All modes)
- Passing time, trip plan, and operational information (target transport mode: All modes)
- Availability of services and relevant infrastructure (target transport mode: All modes)



This project is financed by
the European Union

Foreseen Data Categories of a NAP

- In-vehicle data
- Alternative fuel infrastructure data
- Urban Vehicle Access Regulations (UVARs)
- Cooperative Intelligent Transport System (C-ITS) services
- Traffic Management Plans (TMPs)
- Shared mobility services



This project is financed by
the European Union

NAP Data Exchange

All Delegated Regulations supplementing the ITS Directive refer to certain standards to be used when exchanging information with NAPs. In practice the use of DATEX II is prevalent.



	Total NAPs	DATEX II usage
SRTI	27	20
RTTI	27	21
MMTIS	27	2
SSTP	27	14

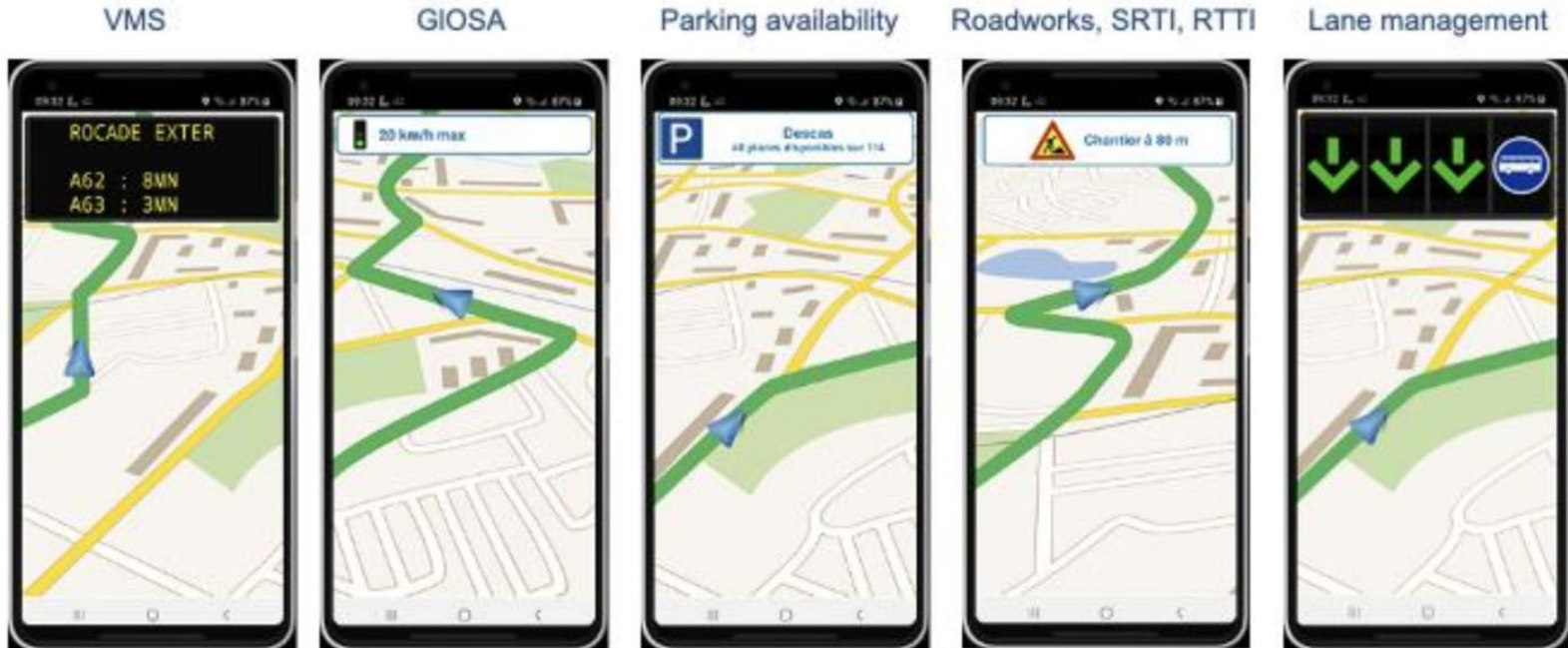


This project is financed by the European Union

National Access Points – Best Case Examples

CoopITS - France

CoopITS (www.coopits.fr), is a free service of French Ministry of Transport. Its application is available for Android and Apple devices.

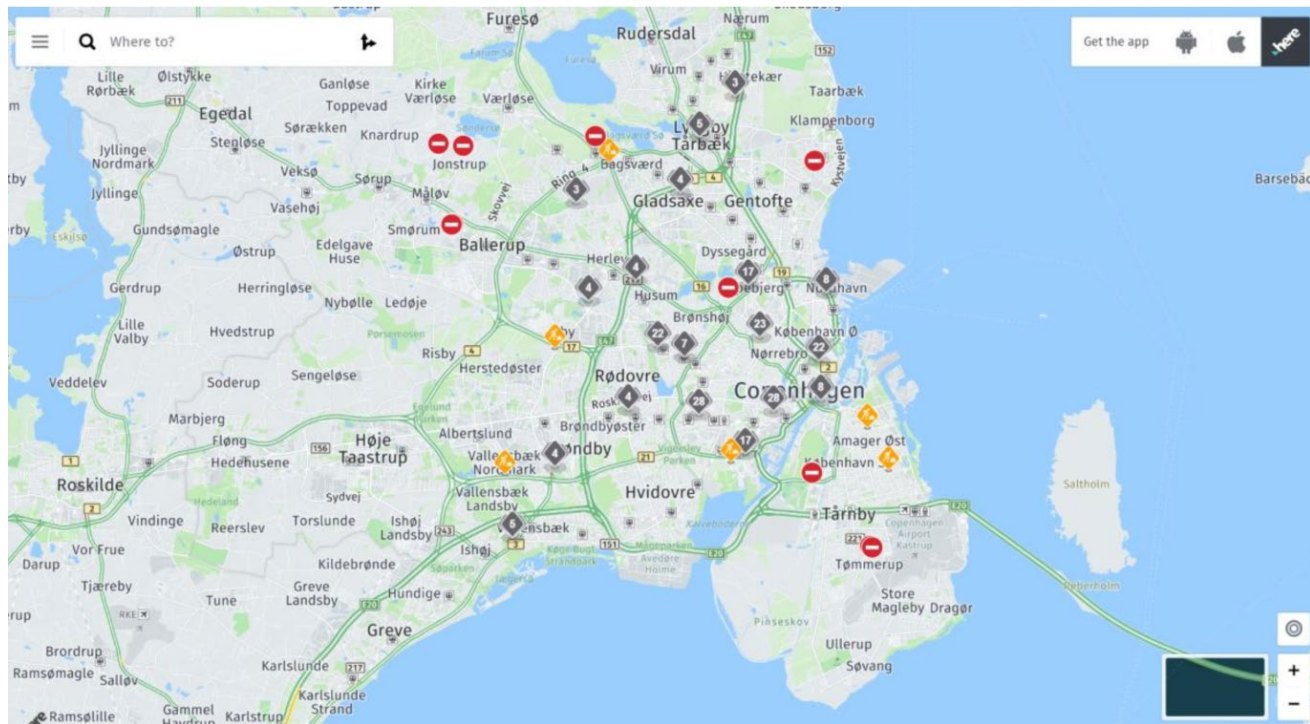


This project is financed by the European Union

National Access Points – Best Case Examples

Here WeGO - Denmark

Private Service Providers can also have data access from NAPs. One good example is that HERE is using data from the Danish NAP in order to improve their services to their customers.



This project is financed by the European Union

Contact information

Marios Domoxoudis

Roads Expert

E. mdomoxoudis@domotek.gr

Miroslav Petrović

ICT/ITS Expert

E. miroslav.petrovic@devellop.com

Danijel Vučković

Project Manager

E. danijel.vuckovic@connecta-ta.eu

M. +381 (0)60 63 555 00

Skype: [vuckopk79](https://www.skype.com/user/vuckopk79)



This project is financed by
the European Union

Questions and Discussion



Any comments/suggestions?



This project is financed by
the European Union



This project is financed by
the European Union

CONNECTA

Thank you!

CONNECTA Project team

Chris Germanacos, Team Leader; Transport Expert

chris.germanacos@connecta-ta.eu

Giorgos Xanthakos, Transport Key Expert, Deputy Team Leader

giorgos.xanthakos@connecta-ta.eu

Danijel Vuckovic, Project Manager

danijel.vuckovic@connecta-ta.eu