European ITS Platform
2019 results and perspectives

Report from the Project Management

Annex to ASR 2020 including:

- **deliverables and other results published in 2019**
- **2019 Calendar of EU EIP**

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Document Information

Authors

Name	Organisation	Activity
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Roberto Arditi	SINA	Second review

Distribution

Date	Version	Dissemination
20/01/2020	1	JTS Bruxelles
27/01/2020	2	Remarks from Torsten Geissler
15/02/2020	3	Integration with introduction and graphical review

European ITS Platform

Overview and perspectives

In 2019 a wide range of activities were performed and many concrete results were achieved: deliverables, meetings with coordinators of CNCs, meetings with EC officers, National Authorities and stakeholders. Special meetings with EC officers were organized to fine-tune both the EU EIP and CEF ITS corridor Actions. A stronger cooperation with CNCs has now been established.
There were three meetings among experts of the European ITS Platform and Corridors with EC officers from DG MOVE and INEA (27 June 2019, 25 July 2019 and 22 January 2020). The result of these meetings was the realignment of objectives of the Platform strategy towards the following:

- To support the Corridors to harmonize their own KPIs
- To prepare a devoted publication concerning "*Digitalization of Road Transport in Europe - Highlights from benefits of the ITS program co-funded by CEF*"
- To deliver policy briefs on ITS for DG MOVE
- To perform actions to avoid the platform and corridors being misconsidered in National Reporting on the implementation of ITS directive
- To harmonize workshops organized by the Platform and reporting them to EC
- To produce a CNC "activation plan" to boost the presence of ITS in corridors' debate
- To start a debate on perspective of digitalization, greening of the transport and the role of the European ITS Platform community

Hereinafter some remarks on activities for National Access Points and Leading Innovation Timeline.

National Access Points - In 2019 WG NAP published its NAP 2019 Annual Report, providing an overview of the state-of-the-art of NAPs in 29 European countries and covering in depth a number of relevant topics (metadata, datex II, etc). The Coordinated Metadata Catalogue was updated to take into account the datasets relevant for the delegated regulation on MMTIS. Furthermore a community of NAP operators and NB representatives was created to enable best practice exchange & operational harmonization. In addition, in joint cooperation with ESPORG a harmonized Declaration of Compliance was created to facilitate the assessment of compliance on Safe and Secure Truck parking.

Leading Innovation Timeline - In 2019, Activity 2 started a new working group "Leading Innovation Timeline". The Leading Innovation Timeline (LIT) is a tool that can support and guide decision-making by visualizing future when ITS innovations are expected to affect traffic and transport. By developing and maintaining the LIT within the European ITS Platform it will become a tool available to all road operators and road authorities in Europe. It will help them monitor ITS developments relevant for traffic management in order to guide choices of

implementation and strategy. The LIT can be especially helpful in determining the way forward in the transition towards digital traffic management.

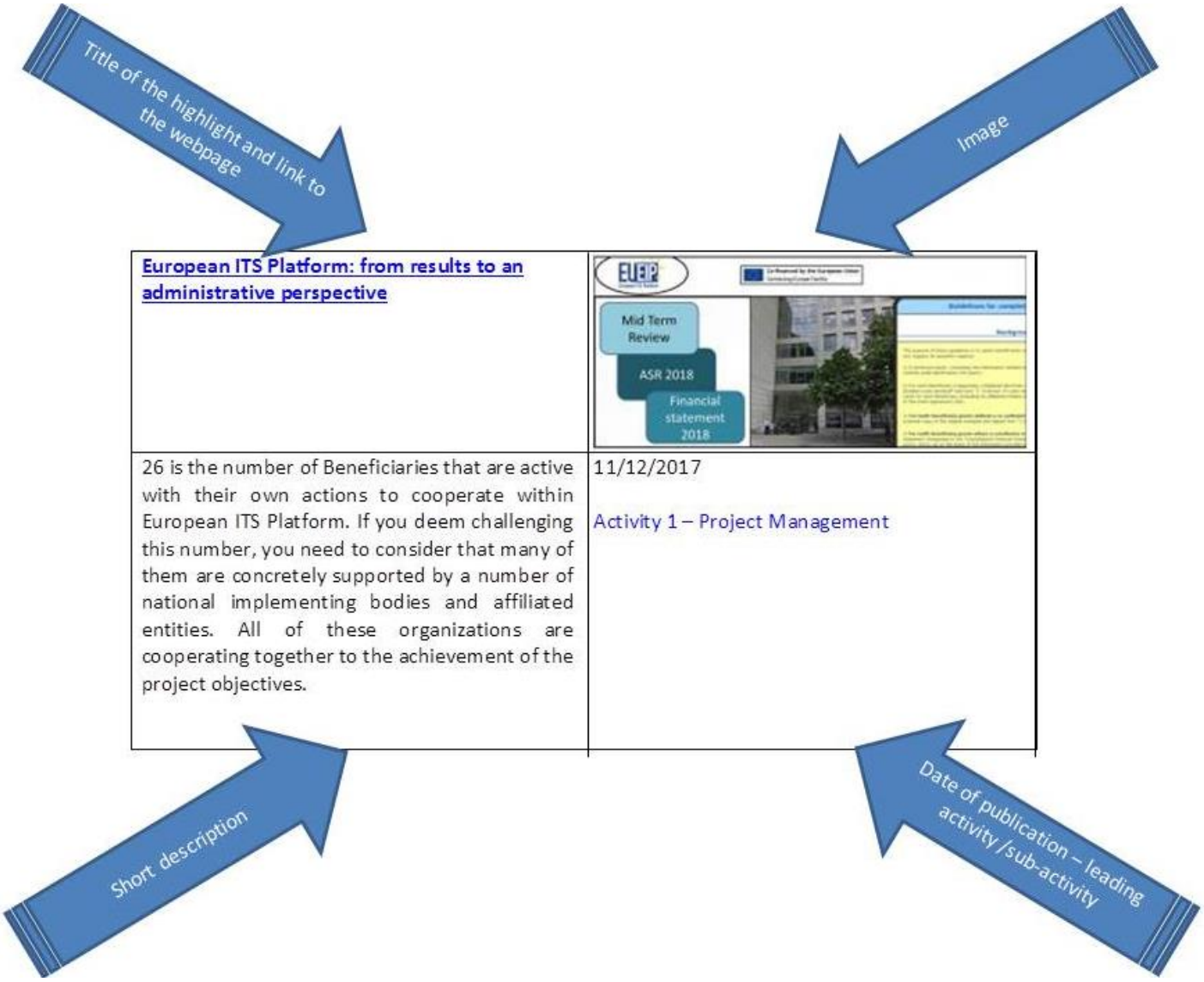
Highlights of the European ITS platform activities – the following section showcases the results of the platform as described thanks to the articles published in the reporting period. Facts are listed in chronological order and classified into three categories:

- Section 1 – Facts on direct actions of the platform
- Section 2 – Communication liaise with Corridors: news published in Corridor sections of the website its-platform.eu
- Section 3 – Other facts and announcements

This report is complete with hyperlinks and QRs that are helpful to directly achieve the full information through devoted pages in the website of the European ITS Platform.

For the purpose of this document only highlights published in the year 2019 have been considered.

Please find hereinafter the reading criteria.



Section 1 – News on direct actions of the platform

[The future of the ITS Deployment Guidelines is interactive!]

19/12/2019

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

The EU EIP A2 Expert Groups Freight and Logistics, Traveller Information Service and Traffic Management met in Helsinki to align on a common approach for updating and presenting the existing 18 ITS Deployment Guidelines.

[EU EIP at PIARC World Road Congress 2019]

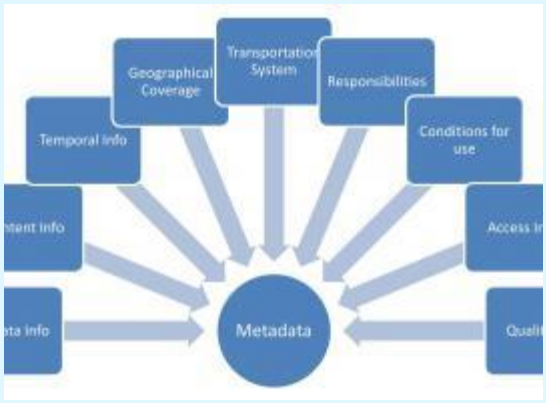
19/12/2019

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

The European Platform for Intelligent Transport Systems (EU EIP) was present at the 26th PIARC World Road Congress.

Harmonised Metadata for National Access Points

16/12/2019



National Access Points (NAPs) represent an important building block of European ITS Infrastructure. European NAP partners, under the coordination of EU, have developed an update of the “Coordinated Metadata Catalogue”.

Activity 4 - Harmonization Cluster
Sub-activity 4.6: Monitoring and Harmonisation of Single Point of Access

The European ITS Platform took a part in the Future Mobility Week

04/12/2019

On November 18th- 19th 2019, the second edition of Future Mobility Week was held in Turin, Italy. EU EIP was invited for a keynote speech.

Activity 4 - Harmonization Cluster
Sub-activity 4.2: Facilitating automated driving

[C-Roads and EU EIP C-ITS Deployment Workshop proceedings now online]

02/12/2019

C-Roads Platform and EU EIP gathered European C-ITS experts to jointly organize the C-ITS deployment and evaluation workshop the 5th–6th of November 2019 in Brussels.

Activity 4 - Harmonization Cluster
Sub-activity 4.4: Cooperative ITS Services Deployment Support

[Workshop on Operational Design Domains published on National Magazine]

28/11/2019

On October 1st and 2nd a workshop on the topic “Highly automated driving, an exploration of benefits, cost and ODD in Europe” was held in Turin (Italy): the event was organized by the European ITS platform, and hosted by SATAP and SINA at ASTM headquarters.

Activity 4 - Harmonization Cluster
Sub-activity 4.2: Facilitating automated driving

[Technology and Training: a threat or an opportunity?]

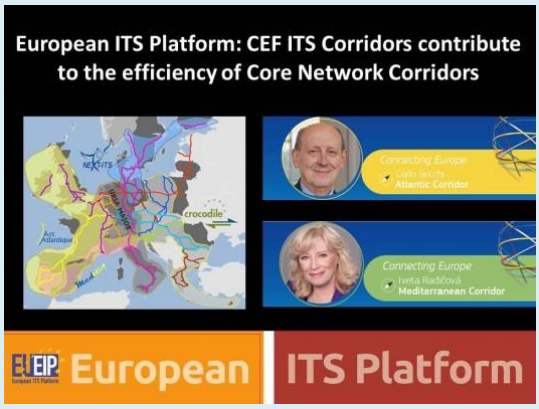
02/12/2019

Last October 17th the European Driving School Association (EFA) and the Simulation of behavioural aspects for safer transport (SIMUSAFE) organized in Torino (Italy) the 2nd International Workshop. The aim of the workshop was to answer the question: "Technology vs. driver training: a threat or an opportunity?".

Activity 1 - EU ITS Platform Governance and Management

[The digitalization can contribute to decarbonisation and safety of Core Network Corridors]

02/12/2019



Mr. Herald Ruijters DG-Move Director Investment, Innovative & Sustainable Transport of the European Commission, during ITS Forum in Utrecht, invited Member States to boost further cooperation among ITS Corridors in order to cover needs of Core Network Corridors (see forum proceedings).

Activity 1 - EU ITS Platform Governance and Management

[European ITS Platform: new technologies to boost the digitalization of the Mediterranean Core Network Corridor]

02/12/2019

On November 20th, 2019, the Mediterranean Corridor Forum was held in the Brussels - premises of the European Commission.

Activity 1 - EU ITS Platform Governance and Management

[Digitalization: sooner the infrastructure can be ready, sooner European citizens will accept the change]

02/12/2019

Manuel Picardi, general secretary of EFA (the European association of driving schools), talked to the European ITS Platform about challenges and opportunities of digitalization in the future of European transport.

Activity 1 - EU ITS Platform Governance and Management

[Workshop highlights new tools for traffic management centres]

21/11/2019

On 12 and 13 November approximately 40 experts from 14 EU countries and Switzerland met at BASt in Bergisch Gladbach (Germany) to discuss the future challenges of Traffic Management Centres (TMCs).

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

[European ITS Platform Activities, Objectives and Projects in progress – an interview in Italian]

26/07/2019

The Italian magazine “Strade & Autostrade”(roads and motorways) interviewed Roberto Arditi, project manager of the European ITS Platform, about the future of ITS systems in Europe and the harmonization between the initiatives of single Member States of the European ITS Platform (EU EIP). For info: “Strade & Autostrade” EDI-CEM Srl – www.stradeeautostrade.it

Activity 1 - EU ITS Platform Governance and Management

[Road operators and Operational Design Domains proceedings are online]

28/11/2019

The European ITS Platform organized a workshop concerning "Highly Automated Driving: an exploration of benefits, costs and ODD in Europe".

Activity 4 - Harmonization Cluster
Sub-activity 4.2: Facilitating automated driving

[ITS support for Save and Secure Truck Parking operators at ESPORG conference 2019]

27/11/2019

The ESPORG (European Secure Parking Organisation) conference 2019 took place in Brussels last November 7th. It was organised in cooperation with International Road Transport Union (IRU) and the EC. The platform was invited for a keynote speech.

Activity 4 - Harmonization Cluster
Sub-activity 4.1: Determining Quality of European ITS Services

[Multimodal Travel Information Services (MMTIS): Update of the Quality Framework]

12/11/2019

EU EIP has published an update of the "Quality Package" for the domain of Multimodal Travel Information Services (MMTIS), representing a first quality framework related to data and information in MMTIS.

Activity 4 - Harmonization Cluster
Sub-activity 4.1: Determining Quality of European ITS Services

[Successful workshop for NAP operators and National Bodies hosted by EU EIP]

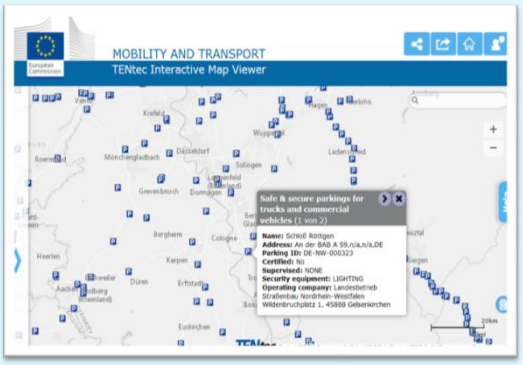
03/11/2019

31 National Access Point operators and National Bodies (NBs) from 14 different countries met at the LEF Future Centre in Utrecht (The Netherlands) on 30 October 2019. Marinda Hall, facilitator at the LEF Centre, animated the workshop, jointly to the organisers of the workshop, Timo Hoffmann (BASt) and Louis Hendriks (Rijkswaterstaat).

Activity 4 - Harmonization Cluster
Sub-activity 4.6: Monitoring and Harmonisation of Single Point of Access

Intelligent Truck Parking Services (ITPS): Quality Framework published

29/10/2019



EU EIP has published a “Quality Package” for the domain of Intelligent Truck Parking Services (ITPS), representing a first quality framework related to data and information in ITPS.

Activity 4 - Harmonization Cluster
Sub-activity 4.1: Determining Quality of European ITS Services

Autonomic functions implemented in existing ITS – status update 2019

28/10/2019

The deliverable “Autonomic functions implemented in existing ITS – status update 2019” is now available. The document is the 2019 update of the report first delivered in 2016 and is based on the most recent developments in the partners’ countries and the feedback received from the stakeholder engagement activities carried out after the first edition was presented.

Activity 4 - Harmonization Cluster
Sub-activity 4.1: Determining Quality of European ITS Services

EU EIP at Digital Transport Days

11/10/2019

Activity 4 - Harmonization Cluster
Sub-activity 4.6: Monitoring and Harmonisation of Single Point of Access

On 8 October 2019 two EU EIP partners participated at the session 'Building a data layer: Network of national (data) access points – NAP', as part of the 2019 Digital Transport Days in Helsinki.

Corridors are for transport – traffic flow in networks!

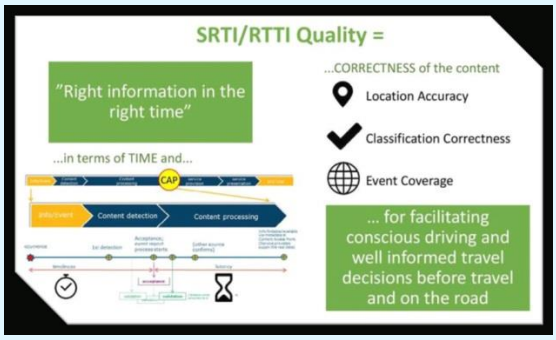
28/06/2019

Activity 4 - Harmonization Cluster
Sub-activity 4.3: Feasibility study East-West Corridor and first pilot implementation

An important learning from the work in EU EIP is that investments in ITS are in general made in response to local needs. As local investments remove bottlenecks and improve safety they have a positive impact also on the performance of overarching corridors. But can road transport corridors constitute a basis for future traffic management? This was the core question raised at the EU EIP ITS Deployment Road Map workshop held in Rome 16 May.

[Update of the EU EIP Quality Package for SRTI and RTTI]

06/06/2019



EU EIP has produced an update of the Quality Package for Safety-Related and Real-Time Traffic Information Services (SRTI and RTTI).

Activity 4 - Harmonization Cluster
Sub-activity 4.1: Determining Quality of European ITS Services

[Member States set the way forward for a joint contribution to the agenda of ITS in Europe]

23/05/2019

3rd Member State Supervision Assembly was held in Roma last 2019 15th-16th May within the historical library of the Italian Ministry of Infrastructure and Transport.

Activity 1 – EU ITS Platform Governance and Management
Sub-Activity 1.1: Member State Supervision AssemblyMSSA

[Traffic Management in a changing world – Fulfilling ITS promises]

21/05/2019

On 4 June 2019 the European ITS Platform (EU EIP) and Arc Atlantique project (AA3) organised a Special Interest Session at ITS Congress Eindhoven on Traffic Management in a changing world – fulfilling ITS promises.

Activity 1 - EU ITS Platform Governance and Management

[The impacts of automated driving, how to maximize the benefits - workshop summary]

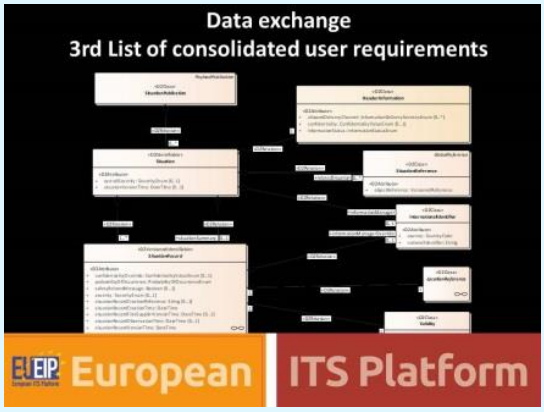
09/04/2019

A joint EU EIP & L3Pilot stakeholder workshop was organized in Athens, 25 October 2018. The workshop focused on the impacts of automated driving and how to maximize the benefits in the perspective of road authorities.

Activity 4 - Harmonization Cluster
Sub-activity 4.2: Facilitating automated driving

[Data exchange - 3rd list of consolidated user requirements]

03/04/2019



Sub-Activity 4.5 partners participate to DG Updated processes by developing Guidance for creating DATEX II profiles by selecting in the model the minimum of classes and attributes allowing to guarantee the data exchanges among traffic managers and services operators compatible with the Directive action b requirements.

Activity 4 - Harmonization Cluster
Sub-activity 4.5: Liaison and harmonization on interfaces for data exchange

[EU EIP publishes NAP Annual Report 2018]

04/03/2019

On March 1 the EU EIP published its NAP Annual Report 2018 on the status and harmonisation of National Access Points (NAPs) in Europe. This report (82 pages) follows earlier reports published in 2016 and 2017.

Activity 4 - Harmonization Cluster
Sub-activity 4.6: Monitoring and Harmonisation of Single Point of Access

[Annual reports on Best Practices and Stakeholder liaison are now available]

19/02/2019

Activity 2 released its annual deliverables for 2018. The two deliverables released are the "*Achievements Report on collecting best practice in ITS deployment 2018*" and the "*Stakeholder Liaison Report 2018*". More information and links to download can be found in the relevant page.

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

[Introduction to Optimum Quality of ITS]

08/02/2019

Sub-activity 4.1 has provided several frameworks to define and assess the quality of data, information and services in various domains of ITS.

Activity 1 - EU ITS Platform Governance and Management

[The European ITS Platform wants to step forward in concrete results]

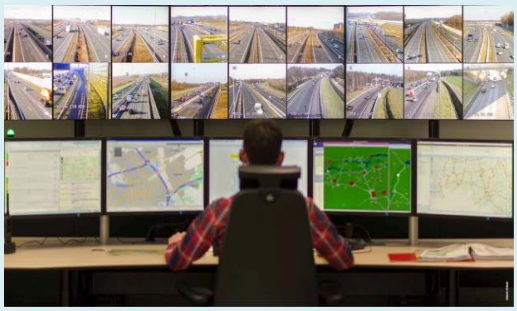
05/02/2019

Leaders of the European ITS Platform were hosted in Milano, SINA premises, to step forward in the European cooperation.

Activity 1 - EU ITS Platform Governance and Management•Sub-Activity 1.2: Project ManagementPM

[Smart Cameras: the future]

15/04/2019



Rijkswaterstaat, the Dutch national road operator, has carried out a research with smart cameras to monitor the situation on the road.

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

[Smart Roads and CEF programs: SINA organized a training session for 81 experts]

12/11/2019

Last October 24th 2019, SINA organized a training session entitled *"Roads for our Future"* and based on experiences out of CEF Programs

Activity 1 - EU ITS Platform Governance and Management

[Lessons Learned from the Experience Week Connected Transport 2018]

05/07/2019

Freight transport, like all mobility, is changing due to increased focus on safety, efficiency and sustainability. Truck platooning and connected transport is seen as a means to reach safer, more efficient and sustainable freight transport.

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

The European ITS Platform to the national Italian symposium on autonomous driving

04/03/2019

On March 1st, the national Italian symposium on autonomous driving (S.E.M.A.) was held. The event performed within the premises of the Roman Aquarium in the capital district of Rome.

Activity 1 - EU ITS Platform Governance and Management

The Platform presented results on Best Practice collection at the 4th ITS Hellas Conference

23/01/2019

ITS Hellas, the "*Hellenic Association for the deployment of Intelligent Transport Systems*", organized its 4th Conference entitled: *"Intelligent Transport Systems in Greece: Latest developments*" on Tuesday 18 and Wednesday 19 December 2018 in the premises of the Hellenic Ministry of Infrastructure and Transport in Athens, Greece.

Activity 2 - Monitoring and Dissemination (including ITS Deployment Guidelines)

[Aiscat reports on ITS Forum 2018 on the European News Bullettin]

16/01/2019

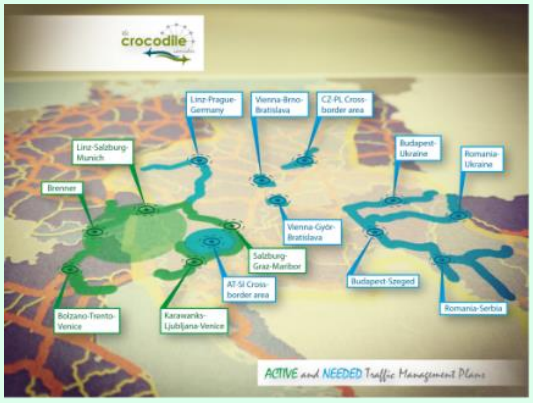
The European News Bulletin of Aiscat (issue November/December 2018) reports a 3 pages survey on ITS Forum 2018.

Activity 1 - EU ITS Platform Governance and Management

Section 2 – Communication liaise with Corridors: news published in Corridor sections of the website its-platform.eu

[Continuous efforts with cross-border Traffic Management Plans]

14/11/2019



In the end of October 2019, a meeting on the topic of traffic management plans (TMPs) was held in Maribor, Slovenia. Representatives from five Central European Member States have participated and discussed the possibilities of implementing actual changes in their processes for coordinating and activating TMPs.

Crocodile

[Tyre Pressure Measuring System – phase 3 of UMneo pilot started, results phase 2 available]

06/11/2019

Phase 2 of the pilot Tyre Pressure Measuring System at the Dutch A16 highway was completed.

UMneo

NEXT-ITS Newsletter Nr. 1

23/09/2019

Please find here the link of the first release of the NEXT-ITS Newsletter.

Newsletter

UMneo Intermodal Workshop at Quadrante Europa

15/05/2019

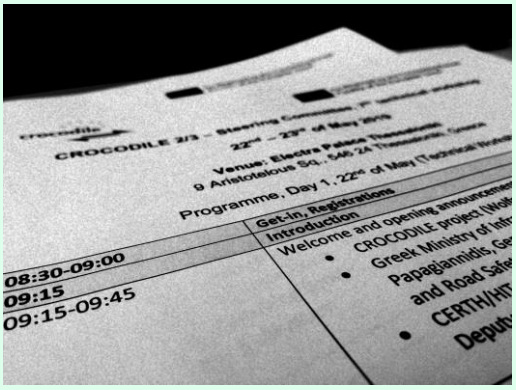
Focusing on ITS tools for road and rail transport, following topics were discussed:

- Importance of constantly updating intermodal route planners, to remain relevant to the users and to potential users;
- Truck platooning brings a lot of benefits, but how to overcome the safety issues (maybe giving priority to the platoons?).

UMneo

Next technical workshop and SCOM meeting

25/04/2019



Crocodile

The technical workshop and steering committee of CROCODILE took place in Thessaloniki, Greece on 22nd and 23rd of May. Topics like cross-border traffic management plans, Traffic Management 2.0 and the role of digitalisation were covered.

CROCODILE celebrates the new year

21/02/2019

Crocodile

According to Delegated Regulation (EU) 2015/962, road authorities and road operators provide static road data, which they collect and update, in a standardized format, if available, or in any other machine-readable format, on a non-discriminatory basis; and digital map providers shall collaborate with the data providers to ensure that any inaccuracies related to static road data are signalled without delay to the road authorities and road operators from which the data originates.

[Rijkswaterstaat starts 2nd phase pilot Tyre Pressure Measuring System (UMneo)]

29/01/2019

From detecting to signalling: the results of the first phase show that the tyre pressure measuring system is reliable enough to inform interested parties about the detected deficiencies.

UMneo

European ITS Platform

Section 3 – Other News and announcements

EU EIP A5- Arc Atlantique - ITS Corridor Evaluation Workshop

17/12/2019

Cross Corridor Cooperation Workshop: ITS Corridor Evaluation Workshop/Seminar 5/6 February 2020, Paris, France.

EU EIP Workshop Road Corridor Information Document

06/11/2019

On November 12th 2019, 9.30 till 12.00, we are arranging our first task force workshop about Road corridor information document, Road-CID. The workshop will be held at BAST office in Bergish Gladbach (D) and will be prior to the workshop: ”future challenges for traffic management”.

[EU EIP C-Roads C-ITS Deployment Workshop - Draft Program]

10/10/2019

Save-the-date - C-Roads Platform Working Group 1 “C-ITS Organisation” and Working Groups 3 “Evaluation & Assessment” as well as EU EIP C-ITS Deployment support calls European C-ITS experts to attend the C-ITS deployment and evaluation workshop the 5th – 6th of November 2019 in Brussels.

Activity 4 – Harmonization Cluster
Sub-Activity 4.4: Cooperative ITS Services Deployment Support – C-Roads

[Successful workshop for NAP operators and National Bodies hosted by EU EIP]

03/11/2019

31 National Access Point operators and National Bodies (NBs) from 14 different countries met at the LEF Future Centre in Utrecht (The Netherlands) on 30 October 2019.

NAP/NB workshop

07/10/2019

After the publication of the Delegated Regulations on Information Services in 2013, 2015 and 2017 National Access Points (NAPs) and National Bodies (NBs) should be „up and running“ in all EU Member States by now. However, the status of the operational level and readiness of NAPs and National Bodies varies greatly among Member States

Activity 4 – Harmonization Cluster
Sub-Activity 4.6: Monitoring and Harmonisation of Single Point of Access

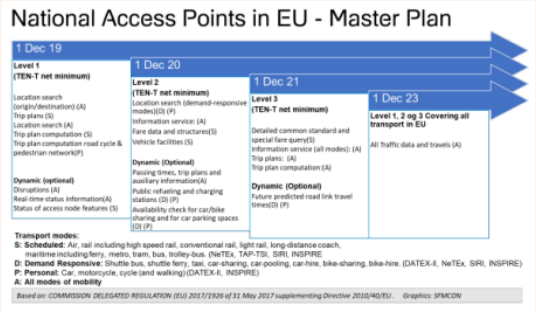
Workshop: Future Challenges for TMCs – Registration is open now!

23/09/2019

Traffic volume continues to increase, new technologies such as autonomous vehicles, Car2X and further innovations in transport continue to develop and the interfaces between the urban and interurban areas become more important.

National Access Points – getting closer to MaaS EU-wide

19/08/2019



The regulation for provision of EU-wide multimodal travel information services including the creation of National Access Points for travel and traffic data is going to be a major revolution for the public and private actors involved in delivering mobility services throughout the whole EU.

Workshop 'Future challenges for Traffic Management Centres' - call for presentations

14/08/2019

Traffic volume continues to increase, new technologies such as autonomous vehicles, Car2X and further innovations in transport continu to develop and the interfaces between the urban and interurban areas become more important.

[Save the date! Workshop: Highly Automated Driving: An exploration of benefits, costs and ODD in Europe]

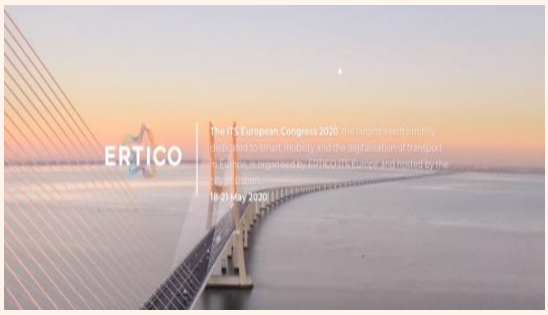
02/08/2019

A multi-stakeholder workshop that puts a focus on ODD, costs and benefits of highly automated driving

Activity 4 – Harmonization Cluster
Sub-Activity 4.2: Facilitating automated driving

[ITS: The game changer]

04/07/2019



The ITS European Congress 2020 will be hosted in Lisbon, 18-21 May 2020. It is the largest event entirely dedicated to smart mobility and the digitalisation of transport in Europe and is organised by ERTICO ITS Europe.

[Save the date! Workshop: Future Challenges for Traffic Management Centres]

27/06/2019

Traffic volume continues to increase, new technologies such as autonomous vehicles, Car2X and further innovations in transport continuous to develop and the interfaces between the urban and interurban areas become more important.

[Video Impressions of 2019 Member State Supervision Assembly]

24/05/2019

The Joint Technical Secretariat invites you to visit the YouTube channel of the European ITS Platform to have a look at quick video impressions about the friendly and professional cooperation sparkled in the Member State Supervision Assembly. Video available through this link.

[Work on Intermodal Freight Route Planner Steps up](#)

04/04/2019

This article, written by Howard Knott, IEA Logistics Consultant, is copied from the Supply Chain & Customs Newsletter (April 2019).The IEA, working as a sub-contractor to Transport Infrastructure Ireland (TII) has been playing an active role in the development and promotion of an Intermodal Freight Route Planner within the EU-EIP intelligent transport systems East-West Corridor project.

[Road Safety: new rules clear way for clean, connected and automated mobility on EU roads](#)

19/03/2019

Road Safety: new rules clear way for clean, connected and automated mobility on EU roads

On March 13th 2019, the European Commission has adopted new rules stepping up the deployment of Cooperative Intelligent Transport Systems (C-ITS) on Europe's roads.

[The Inland Transport Committee discusses about Automation in Transport]

04/03/2019

During the week from Monday 18th February to Friday 22nd, the 81st session of the ECE Inland Transport Committee took place, featuring participants from all over the world, and from the European Commission, International Institutions, Governments, Industry, Academia, NGO.

[ITS Romania Congress - 16-17 May 2019, Timisoara]

05/02/2019

ITS Romania together with POLITEHNICA University Timisoara will organize the third edition of the ITS Romania Congress on 16-17 May 2019 in Timisoara, at the Conference Center of the University.

[TN-ITS map updates support ISA in saving lives]

05/02/2019

For years, speeding has been recognised as one of the main contributing factors to deaths on our roads. Intelligent Speed Assistance (ISA) will have a huge impact on traffic safety. TN-ITS GO (Transport Network Intelligent Transport Systems) is a Connecting Europe Facility project that contributes to ISA's success by deploying standardized advanced exchange and update mechanisms for digital map data.

Annex – EU EIP Calendar 2019

CALENDAR

Last update: February 2020

EIP Activities	2019											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Activity 1 - EU ITS Platform Management												
Sub-Activity 1.1 - Member State Supervision Assembly					15-16 May MSSA Rome							
Sub-Activity 1.2 - EU EIP JTS	29 Jan Milano		12 Mar Madrid		15 May Rome		4 July Telco		27 Sep Paris			5 Dec Milano
Sub-Activity 1.2 - EU EIP COMM	28 Jan Milano		11 Mar Madrid						26 Sep Paris			4 Dec Milano
Activity 2 - Monitoring and Dissemination (M&D) incl. ITS Deployment Guidelines												
EG TIS		20-21 Feb Lubeck				12-13 Jun Stockholm					5-6 Nov Helsinki	
EG TM		20-21 Feb Lubeck				12-13 Jun Stockholm			11 Sep Webco 23-24 Sep Paris	29 Oct Webco	5-6 Nov Helsinki	
EG F&L		20-21 Feb Lubeck				12-13 Jun Stockholm					5-6 Nov Helsinki	
Operating Environments TF		20-21 Feb Lubeck				12-13 Jun Stockholm	5 Jul Telco				5-6 Nov Helsinki	
ITS DCG/CCC					14 May Rome						28 Nov Delft	
WG EWC		27-28 Feb Frankfurt			29 May Telco				12 Sep London		12-13 Nov Bergisch Gladbach	
WG NAP						19 Jun Bucharest				2-3 Oct Dublin 30 Oct Utrecht		
WG LIT												

Activity 3 - Feasibility studies												
Activity 3 - Feasibility study East-West Corridor and first pilot implementation												
Activity 4 - Harmonisation cluster												
Sub-Activity 4.1 - Determining Quality of European ITS Services		1 Feb WebCo	12-13 Mar Madrid	24 Apr WebCo	23 May WebCo	13-14 Jun Helsinki	30 Jul WebCo		3 Sep WebCo 18-19 Sep Berlin		6-7 Nov Brussels (Workshop)	12 Dec WebCo
Sub-Activity 4.2 - Facilitating automated driving			13-14 Mar Madrid		7 May Telco	18 Jun Bucharest				1 Oct Turin 1-2 Oct WS Turin	29 Nov Telco	
Sub-Activity 4.3 - ITS Deployment Road Map Update					16 May Rome					8 Oct Copenhagen		
Sub-Activity 4.4 - Cooperative ITS Services Deployment Support	25 Jan WebCo	26 Feb WebCo		11 Apr Frankfurt	24 May WebCo		12 Jul WebCo		23 Sep WebCo	10 Oct WebCo	5-6 Nov Brussels (Workshop)	13 Dec WebCo
Sub-Activity 4.5 - Liaison and harmonisation on interfaces for data exchange												16 Dec Firenze
Sub-Activity 4.6 - Monitoring and Harmonisation of Single Point of Access	23-24 Jan London				19 May Bucharest					2-3 Oct Dublin 30 Oct Utrecht		
Sub-Activity 4.7 - Provision of updates of ITS spatial road data												
Activity 5 - CEF EU EIP Evaluation of ITS Deployments including ITS Directive Priority Actions			19-20 Mar London				07 July Helsinki			3 Oct Milano		