



11th ITS EUROPEAN CONGRESS
DELIVERING FUTURE CITIES NOW

Glasgow, Scotland | 6-9 June 2016

The future of Traffic Management in Europe

Pedro Barradas
PR 02, 7th of June 2016

DG Mobility and Transport
Unit C.3 - Intelligent Transport Systems



Organised by:



Hosted by:



Supported by:



The future of Traffic Management in Europe

Systemic nature of the transport system



The future of Traffic Management in Europe

Where we are in the C-ITS Platform

- ☐ 14 months, 100+ experts, 10 working groups
- ☐ Formulating many expert recommendations to the EC
- ☐ Full endorsement of Final Report on 21 January 2016
- ☐ Will continue supporting deployment of C-ITS

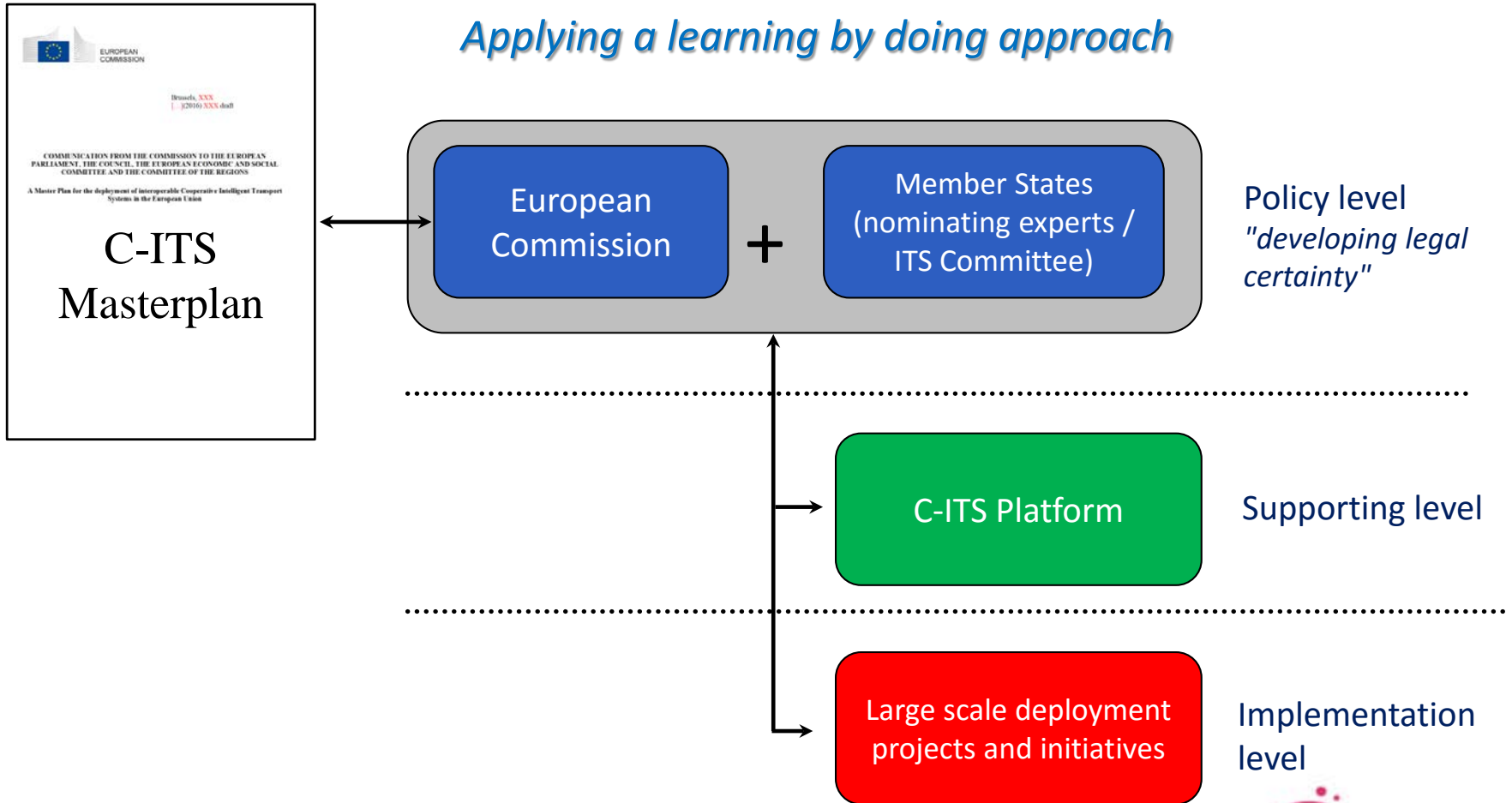
MASTER PLAN: deployment in 2019

- ☐ EC communication on interoperable deployment C-ITS
- ☐ Published second half of 2016
- ☐ Accompanied by a Public Survey \Rightarrow participate!

The future of Traffic Management in Europe

C-ITS – **Enhanced Cooperation** amongst Public and Private Stakeholders

Applying a learning by doing approach



The future of Traffic Management in Europe

Where we are in RTTI - Delegated Regulation 962/2015

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32015R0962>

- Facilitate use of available RTTI data by road authorities to **better manage road infrastructure and traffic flows.**



The future of Traffic Management in Europe

Where we are in RTTI - Delegated Regulation 962/2015

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32015R0962>

Specifications apply on

- ☐ the comprehensive trans-European road network
- ☐ other motorways not part of the TEN-T
- ☐ "Priority zones", voluntary / optionally identified by Member States, in particular suburban / urban areas

"Road sections identified, where relevant, by the national authorities, in particular in urban areas, that are not part of the comprehensive trans-European road network and are not motorways, based on the levels of recurring traffic congestion or other traffic management considerations"

The future of Traffic Management in Europe

Where we are in RTTI - Delegated Regulation 962/2015

- ❑ MS are already required (priority actions 'b' and 'c' *but* also on action 'a'- MMTIS*) to set up a NAP.

Type	Features	Examples
Database	A single organised collection of data held on a common media/set of server	Rejseplanen, DK
Data warehouse	A virtually co-located set of databases	National Data Warehouse (NDW), NL
Data marketplace	A platform for connecting data providers and data consumers. Brokerage function.	Mobility Data Marketplace, DE
Data register	Lists and links services and data sources – data stored in decentralised databases etc.	data.gov.uk mobilitydata.gv.at

The future of Traffic Management in Europe

Where we are in RTTI - Delegated Regulation 962/2015

- ❑ MS are already required (priority actions 'b' and 'c' *but* also on action 'a'- MMTIS*) to set up a NAP.



**To be adopted before the end of 2016*

The future of Traffic Management in Europe

Where we want to be

- ❑ Towards Dynamic and Adaptive Traffic Management means to redesign the management procedure itself.
 - ❑ feed from and process, data collected from very different sources;
 - ❑ to provide coherent and accurate real time information, via multi communication channels, making wise decisions possible for those using the transport system;
 - ❑ even more when dealing with mixed traffic in complex urban transport systems and with higher levels of Automation;
 - ❑ To ensure adequate traffic management, the physical and digital infrastructure design also needs to be adapted to the new requirements.



The future of Traffic Management in Europe

Where we want to be

- **Enhanced Cooperation** amongst Public and Private Stakeholders



The future of Traffic Management in Europe

Where we want to be

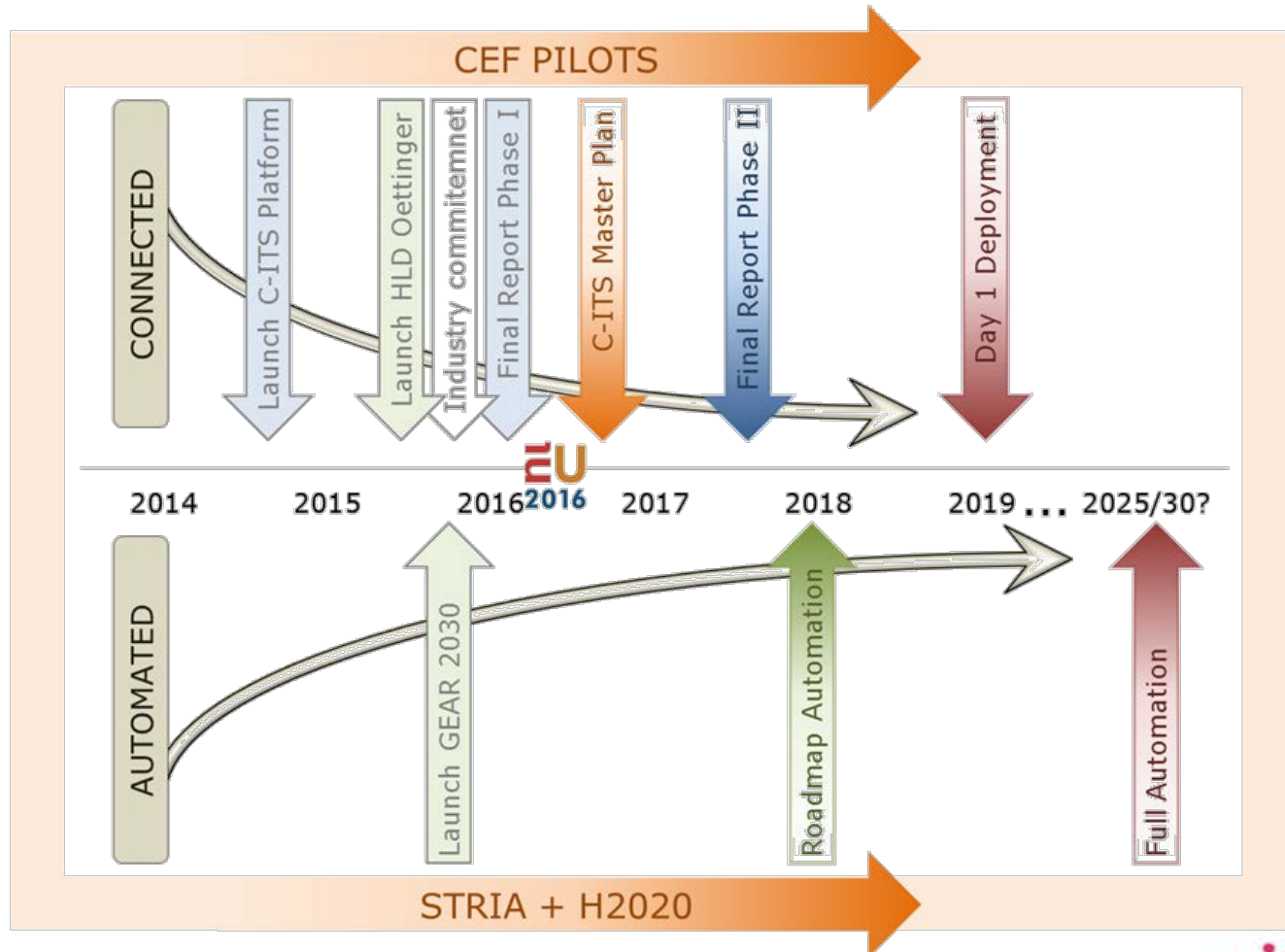
28 Transport Ministers and Commissioner Bulc share the following objectives:

- ☐ Coherent European framework for deployment by 2019 (connected)
- ☐ Bring connected and automated together to reach full potential
- ☐ "Learning by experience"
- ☐ Support innovation to strengthen European Industry
- ☐ Ensure data protection & privacy



The future of Traffic Management in Europe

Where we want to be



The future of Traffic Management in Europe

Where we want to be

- ☐ Support and contribute to the shared strategy for connected and automated vehicles in the EU
- ☐ Continue supporting C-ITS deployment
- ☐ Implement recommendations of Final Report First Phase C-ITS Platform
- ☐ Converging connectivity and automation
 - ☐ C-ITS and automation in urban areas
 - ☐ Enhanced Traffic Management
 - ☐ Road Safety
 - ☐ Physical and digital Road Infrastructure
- ☐ Complementing GEAR 2030 (focusing on the vehicle)



11th ITS EUROPEAN CONGRESS
DELIVERING FUTURE CITIES NOW

Glasgow, Scotland | 6-9 June 2016

The future of Traffic Management in Europe

pedro.barradas@ec.europa.eu

PR 02, 7th of June 2016

DG Mobility and Transport
Unit C.3 - Intelligent Transport Systems



Organised by:



Hosted by:



Supported by:

