DATEX II Forum

Getting to know DATEX II
– EU EIP cooperation, Recommended Service Profiles –

25th November 2020

EU EIP – European ITS Platform

European ITS Platform — EUEIP

Who we are

Road authorities and operators from all over Europe cooperating on ITS corridors and EU ITS Platform (EU EIP)

What we do

Harmonise and deploy European core ITS services in TEN-T network

Support implementation of the ITS Directive and subsequent Delegated Regulations

Collaborate on improving corridor performance

Develop & maintain harmoni-sation tools and processes

Stimulate dialogue with core actors in ITS domain

Plan and prepare for future ITS needs

What we achieve

Reference Handbook for harmo-nised core ITS service deployment

Cross Corridor Cooperation Results

KPIs of ITS deployment/benefits

ITS Toolkit – Evaluation Library

NAP community building

Innovation Timelines and Deployment Roadmaps

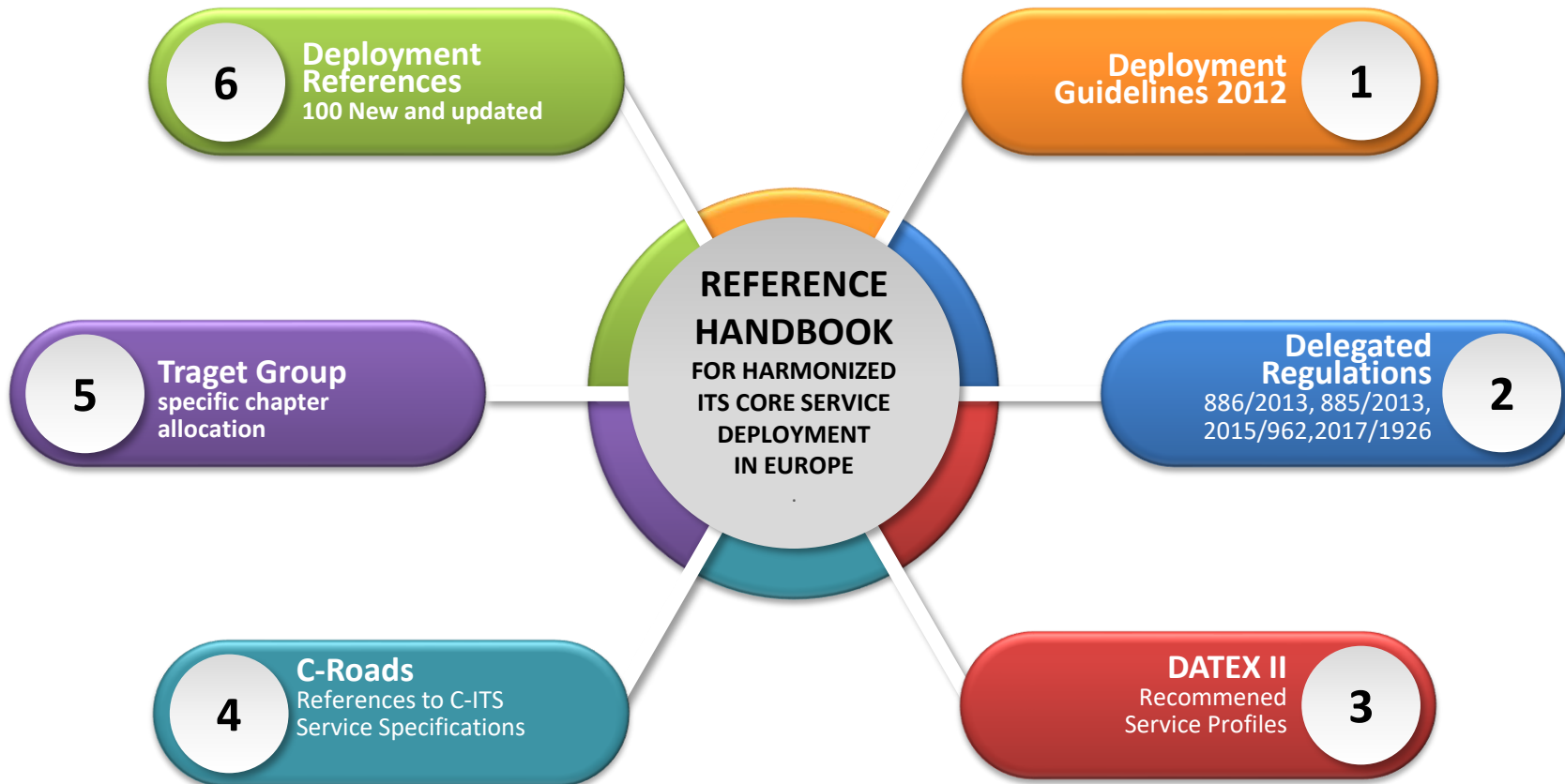Inform. services quality frameworks

Physical and digital infrastructure attributes for automated driving
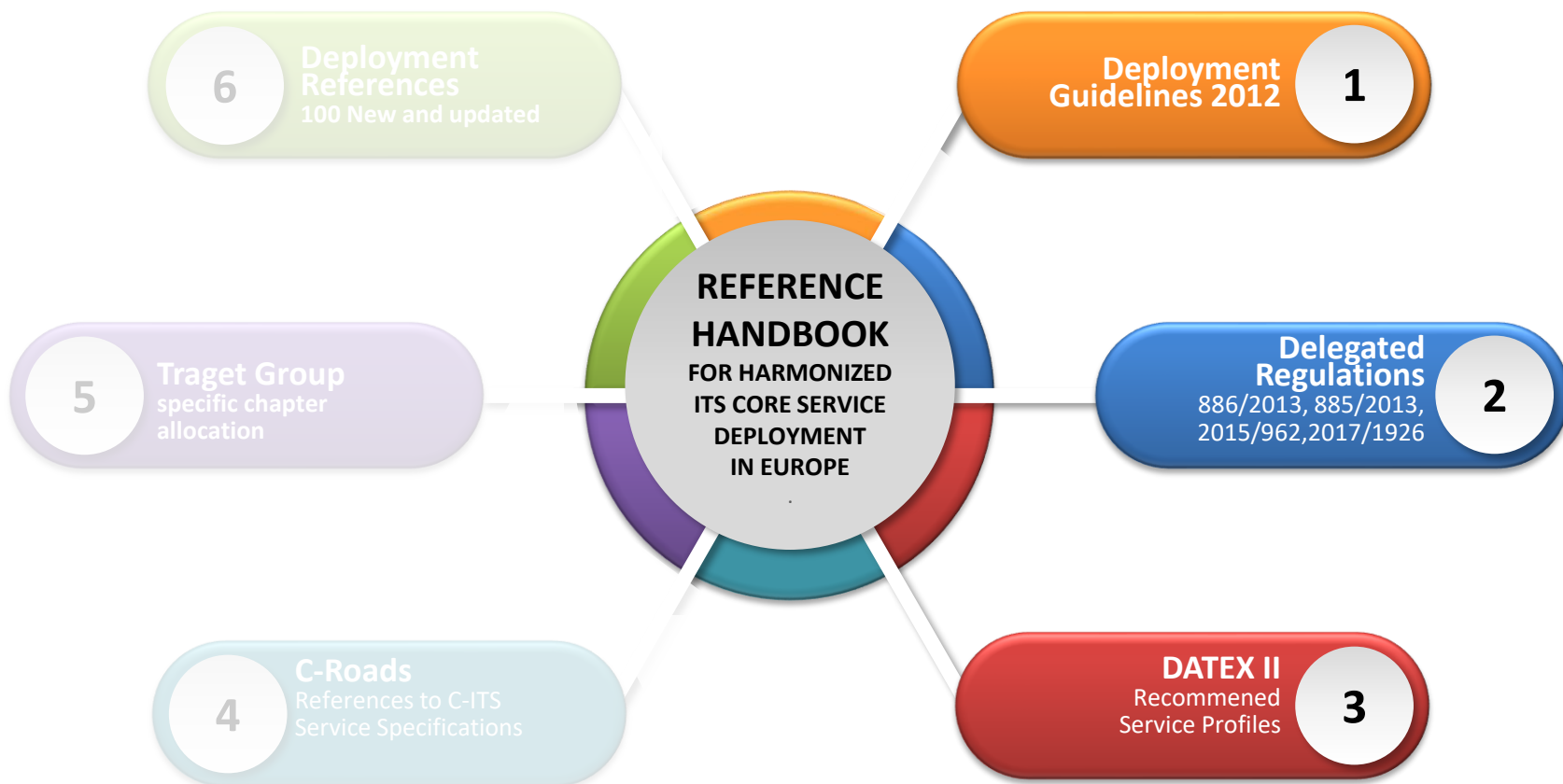
How to automate road operators' own ITS

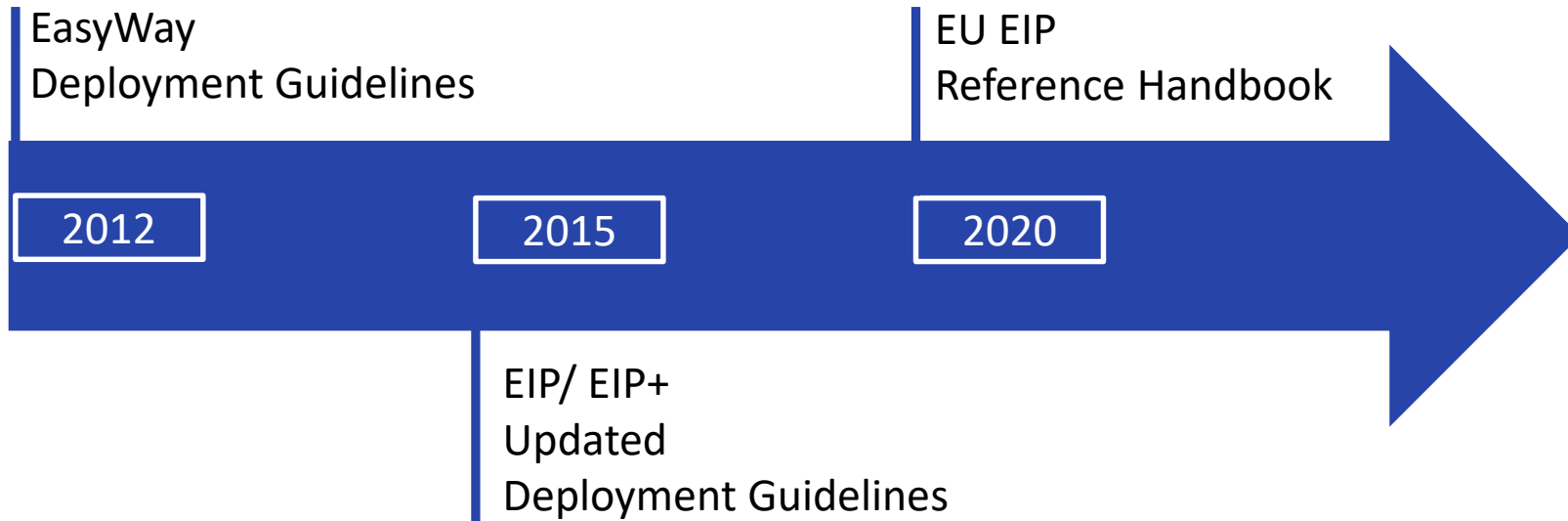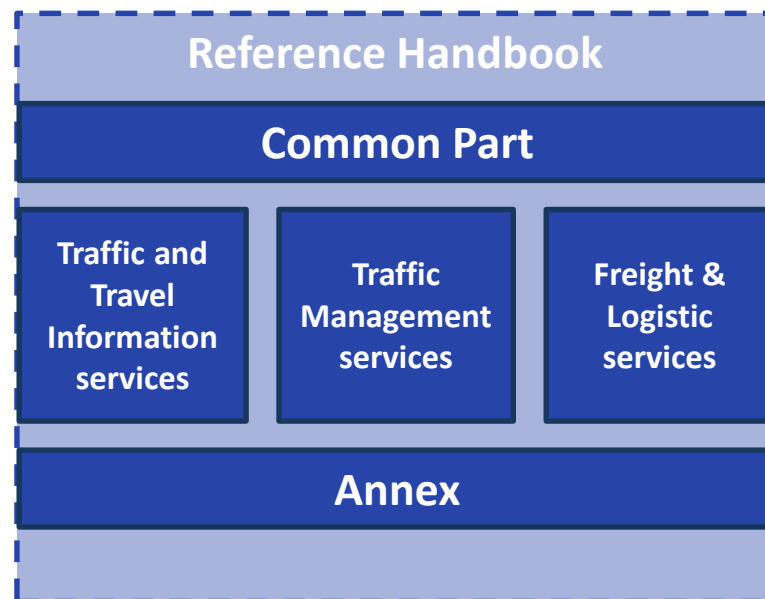Integrating C-ITS into road operators day-to-day business

ITS Forum

European Reference Handbook

- What is new?

6 — Deployment References
100 New and updated

1 — Deployment Guidelines 2012

5 — Traget Group
specific chapter allocation

2 — Delegated Regulations
886/2013, 885/2013, 2015/962,2017/1926

4 — C-Roads
References to C-ITS Service Specifications

3 — DATEX II
Recommended Service Profiles

REFERENCE HANDBOOK
FOR HARMONIZED ITS CORE SERVICE DEPLOYMENT IN EUROPE

European Reference Handbook

- What is new?

6	**Deployment References** 100 New and updated
5	**Traget Group** specific chapter allocation
4	**C-Roads** References to C-ITS Service Specifications

REFERENCE HANDBOOK FOR HARMONIZED ITS CORE SERVICE DEPLOYMENT IN EUROPE

Deployment Guidelines 2012	1
Delegated Regulations 886/2013, 885/2013, 2015/962,2017/1926	2
DATEX II Recommended Service Profiles	3

EasyWay
Deployment Guidelines

EU EIP
Reference Handbook

2012

2015

2020

EIP/ EIP+
Updated
Deployment Guidelines

- Initially 19 Deployment Guidelines

- Common Conceptual Setup

- 14 ITS Services

Reference Handbook

Common Part

Traffic and Travel Information services	Traffic Management services	Freight & Logistic services

Annex

Which data needs to be made accessible in each Member State:

- **(EU) 885/2013**:
  the provision of information services for safe and secure parking places for trucks and commercial vehicles and

- **(**EU**) 886/2013**: the provision, where possible, of road safety-related minimum universal traffic information free of charge to users .

- **(EU) 2015/962**:
  the provision of EU-wide real-time traffic information services

- **(EU) 2017/1926**:
  the provision of EU-wide multimodal travel information services.

- Interface Requirements developed for every ITS Service.
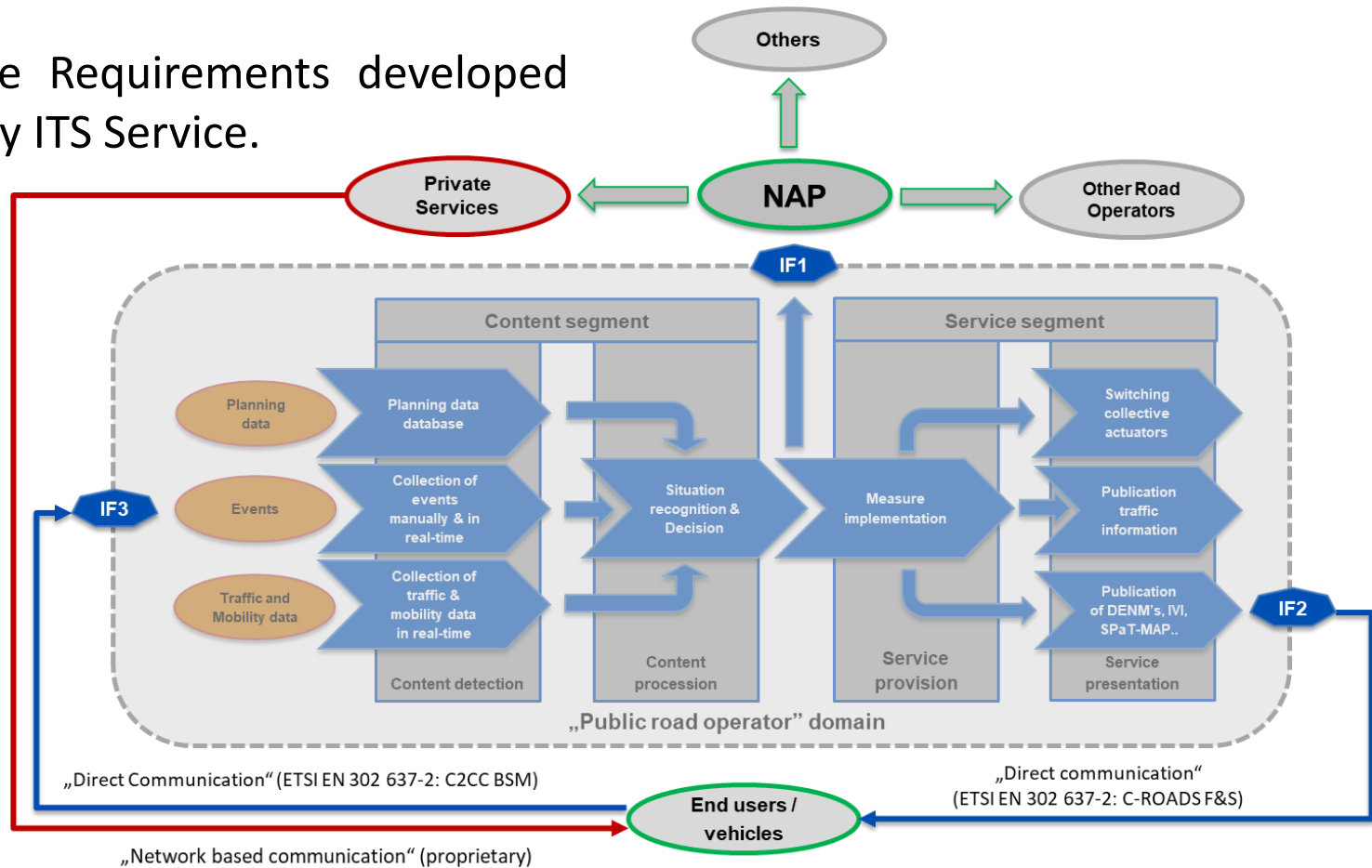
In cooperation whith DATEX II PSA:

- Recommended Service Profiles for every ITS Service developed

- Freely available on the DATEX II Webpage:
  https://webtool.datex2.eu/wizard/#

- Linkage via Interface Requirement and Information provision standards:

Interface Requirement
IFR1: Variable Speed Limit service **must** provide at interface 1 [..]information on the current speed limit including the following elements [..]:
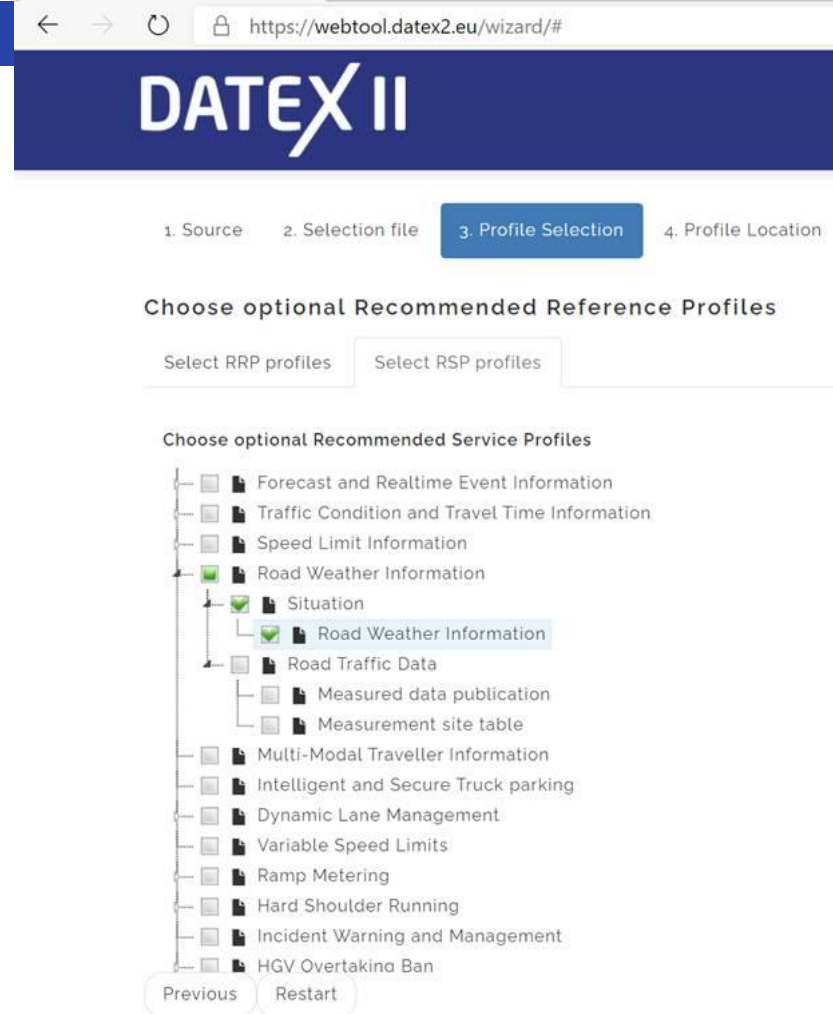•Sign ID
•Active Speed Limit (display value, shown on the variable sign)
•Location of the Speed Limit sign (coordinate information for mapping)
•Timestamp
•Location reference there speed limit begins (e.g. road address, direction)
•Where necessary, the type of vehicle concerned by the Speed Limit
•Validity (advanced)

Information Provision Standard
IPS1: If a Variable Speed Limit service is implemented at interface 1 (see IFR1), it must be profiled based on CEN/EN 16157-3 using the DATEX II Recommended Service Profile for Varibale Speed Limits or any international machine-readable format fully compatible and interoperable with DATEX II.

In cooperation whith DATEX II PSA:

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■ Linkage via Interface Requirement and Information provision standards:

Summary and next steps

Summary:

- Reference Handbook for harmonized ITS Core Service Deployment in Europe

- Delegated Regulations

- DATEX II

- C-ITS

- Target Group

- Deployment References

Current status:

- Reference Handbook has been reviewed by the MS

- Comment resolution

- Agreement on final version

- Web based version

- Dissemination