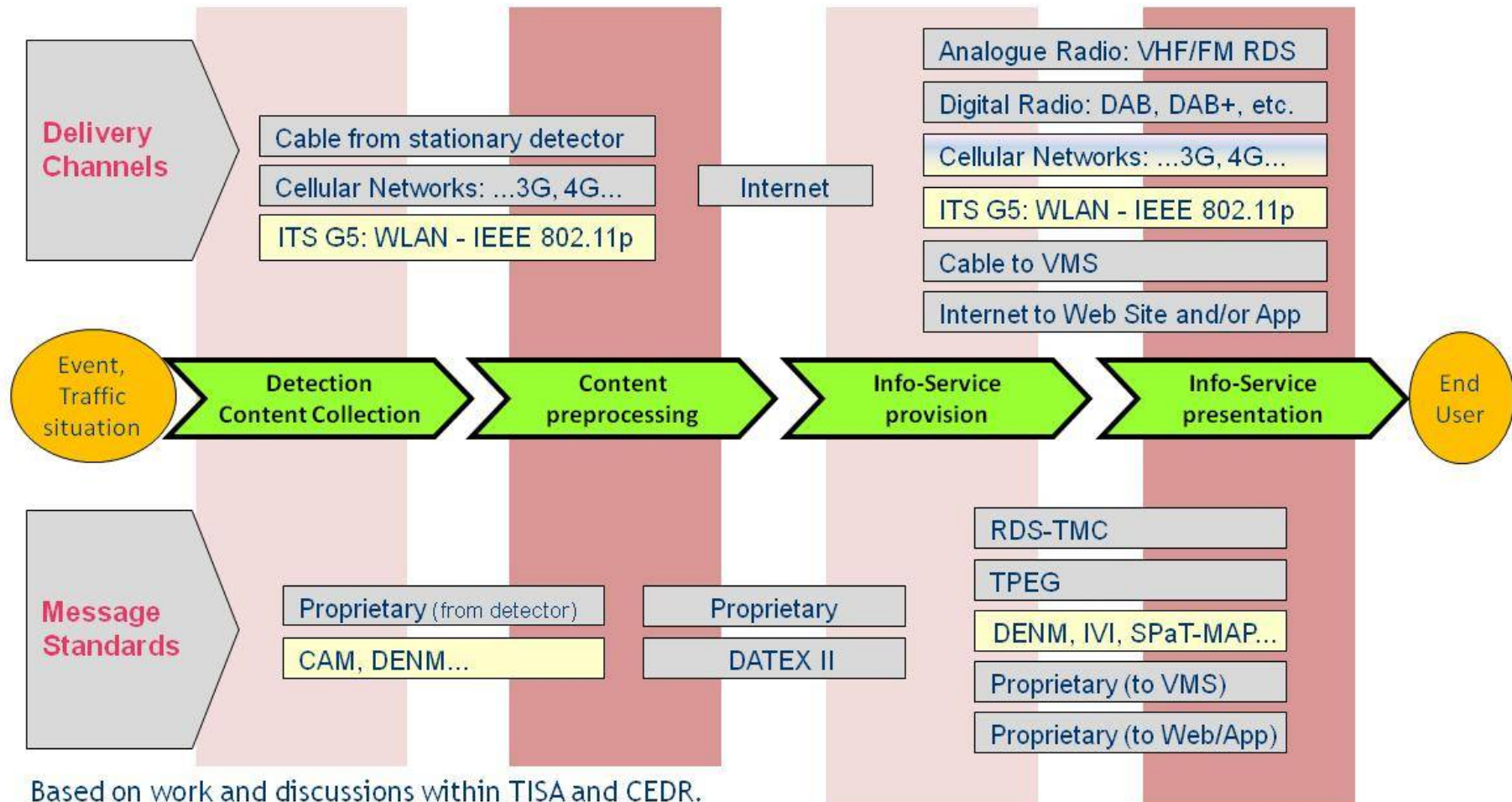


Integrating C-ITS into ITS Deployment Guidelines Reference Handbook

05.11.2019



Integrating Cooperative ITS into the value chain for traffic information

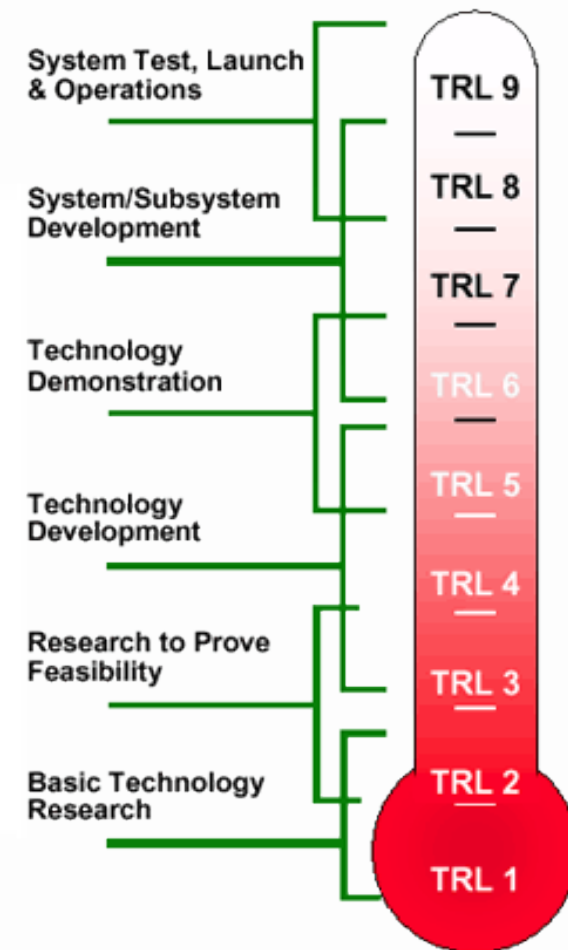


Based on work and discussions within TISA and CEDR.

Technology Readiness – Operational Capacity

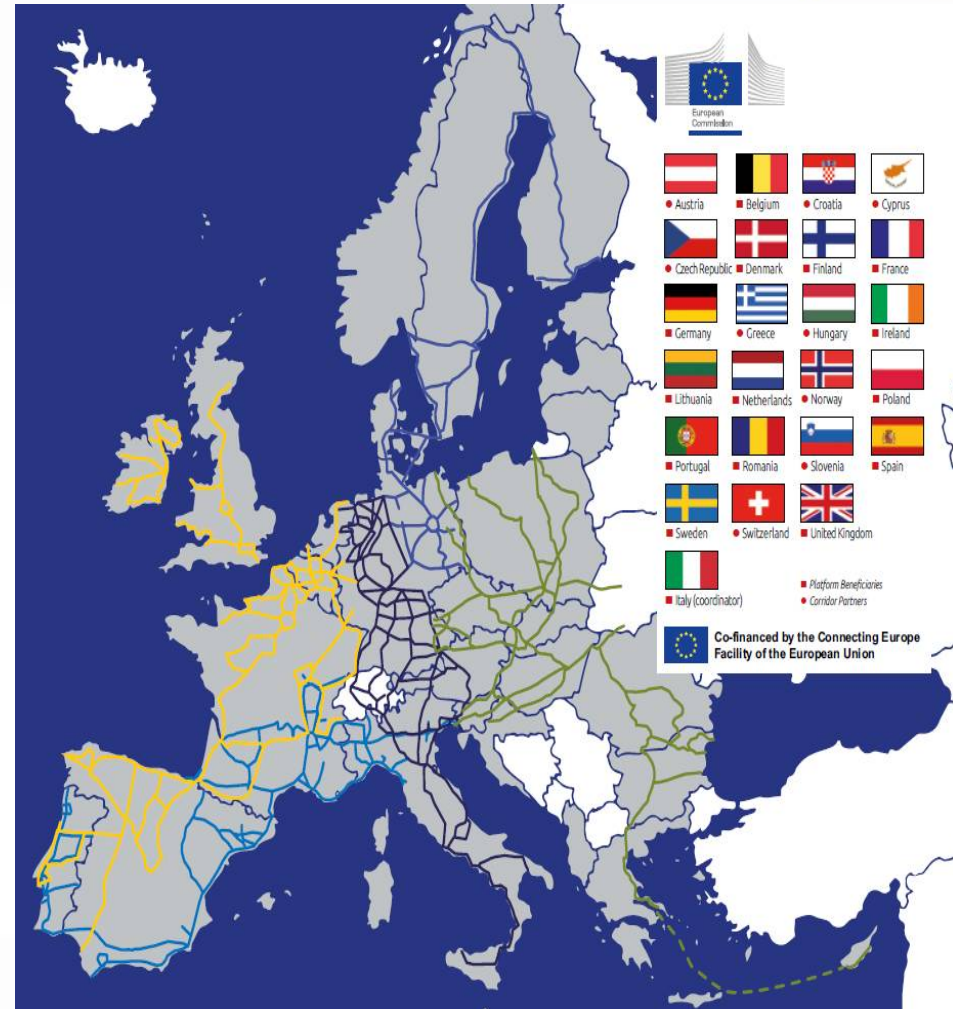
- Technology matures along readiness levels (TRL)
- What is developed, tested and validated needs to be rolled out in the (physical and) digital infrastructure
- ITS – systems and services – widespread in Europe
- C-ITS Day 1 services deployment takes off
- Operational capacity of ITS corridors plus platform (EU EIP)

Source (TRL): de.wikipedia.org



Mapping Deployment of Core European ITS Services

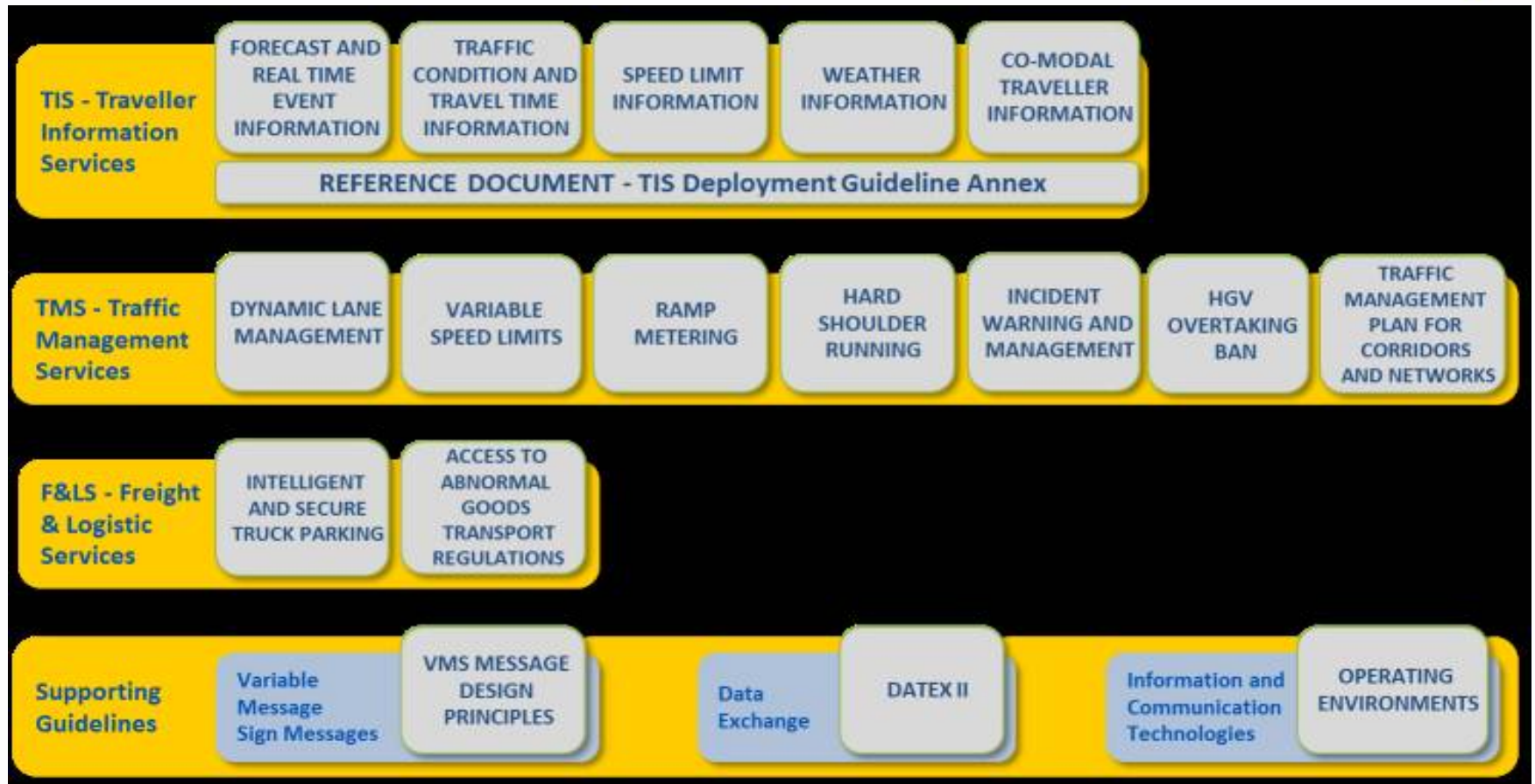
- ITS Deployment traditionally to solve local/regional needs/problems
- European dimension ensured by cross-border deployment of Core European ITS services
- Deployment (CEF co-financed) via ITS Corridors (Arc Atlantique, MedTIS, crocodile, Next-ITS, URSA MAJOR)
- Cross-corridor cooperation institutionalised via platform = EU EIP



ITS Services important for performance of TEN-T Core Network Corridors



ITS Deployment Guidelines as heritage of road operator collaboration

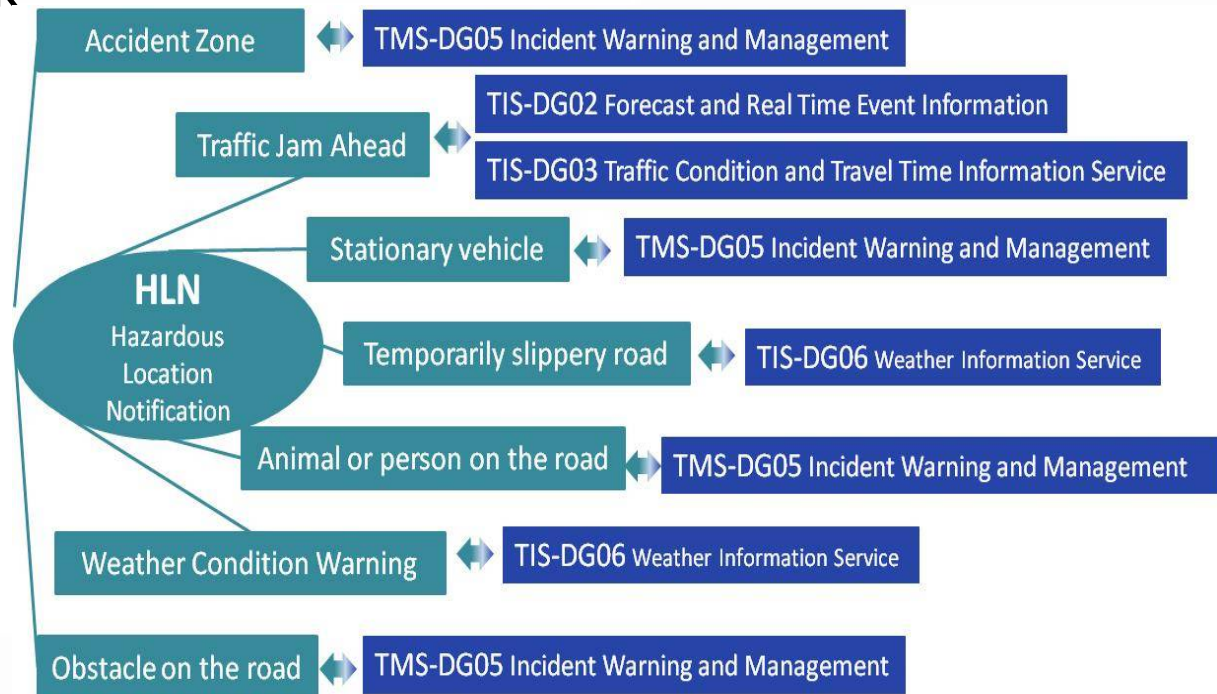


Set of ITS Deployment Guidelines as developed and agreed by EasyWay, EIP, EIP+

Integration challenge

- Integration of Deployment Guidelines into Reference Handbook as a One-stop-Shop Reference
- Reflection of Delegated Regulations in the context of the ITS Directive (consistency)

- Integration of C-ITS related output (C-Roads Releases) into handbook
- Ongoing work throughout 2019/20



Mapping exercise

**ITS CORE SERVICES –
DEPLOYMENT
GUIDELINES**

**Traveller
Information
Services**

**Traffic
Management
Services**

**Freight &
Logistics
Services**

**C-ITS SERVICES –
USE CASES**

In-Vehicle Signage

**Hazardous Location
Notification**

Road Works Warning

Signalised Intersections

Probe Vehicle Data



MAPPING EXERCISE

Maintaining Operational Excellence via Handbook

New

Work in progress

European Added Value

For deploying
Road Operators

For road operators
& service providers

For
End Users

For
Member States

Deployment
Support in terms of
Interoperability

- functional
- organisational
- technical

Information provision
on
national access points
and other open traffic
& traveller information
portals

Continuity,
consistency
and
Common Look & Feel

EU-wide
scaling scheme
and
assessment criteria

Pan-European understanding
of the nature and the benefit of each ITS-service