



EasyWay

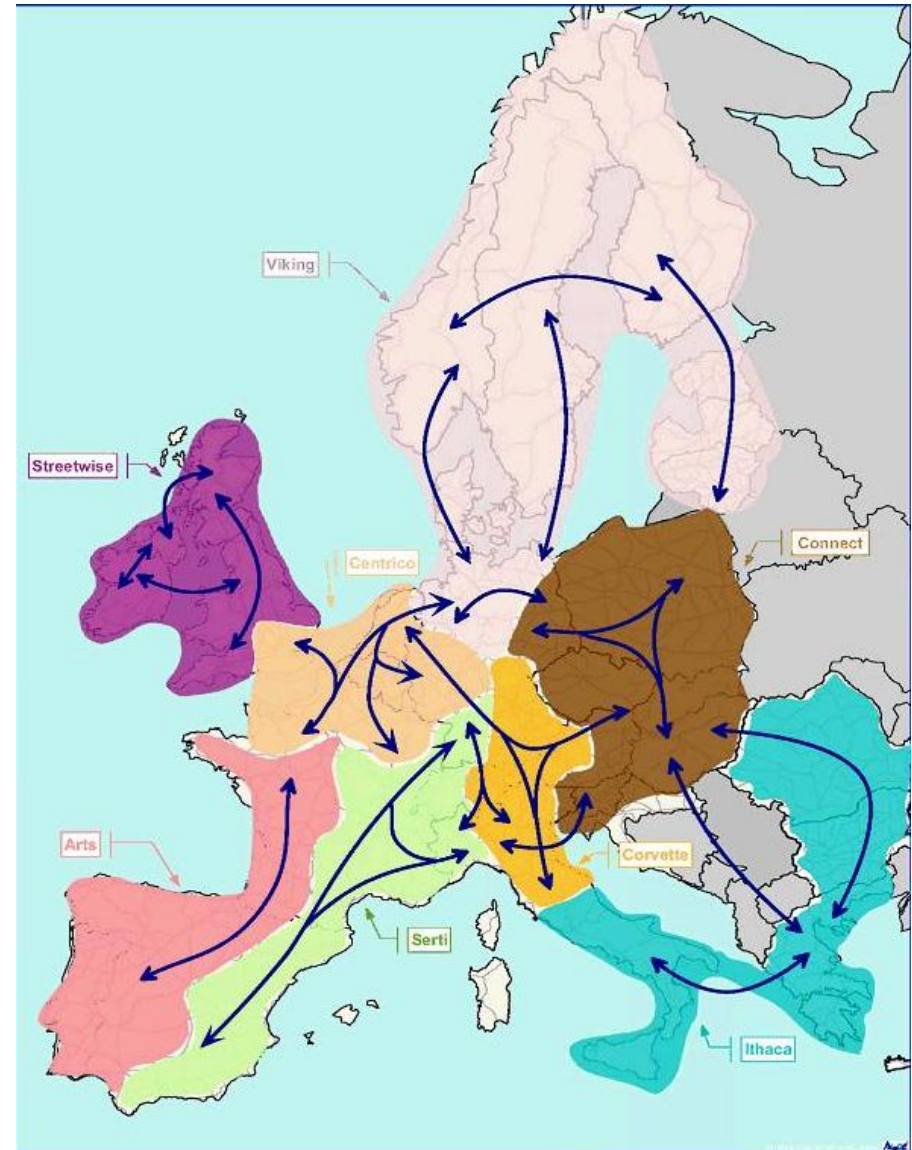
Deployment of harmonised ITS services in Europe

A cooperation between European countries (road administrations / operators in Europe)

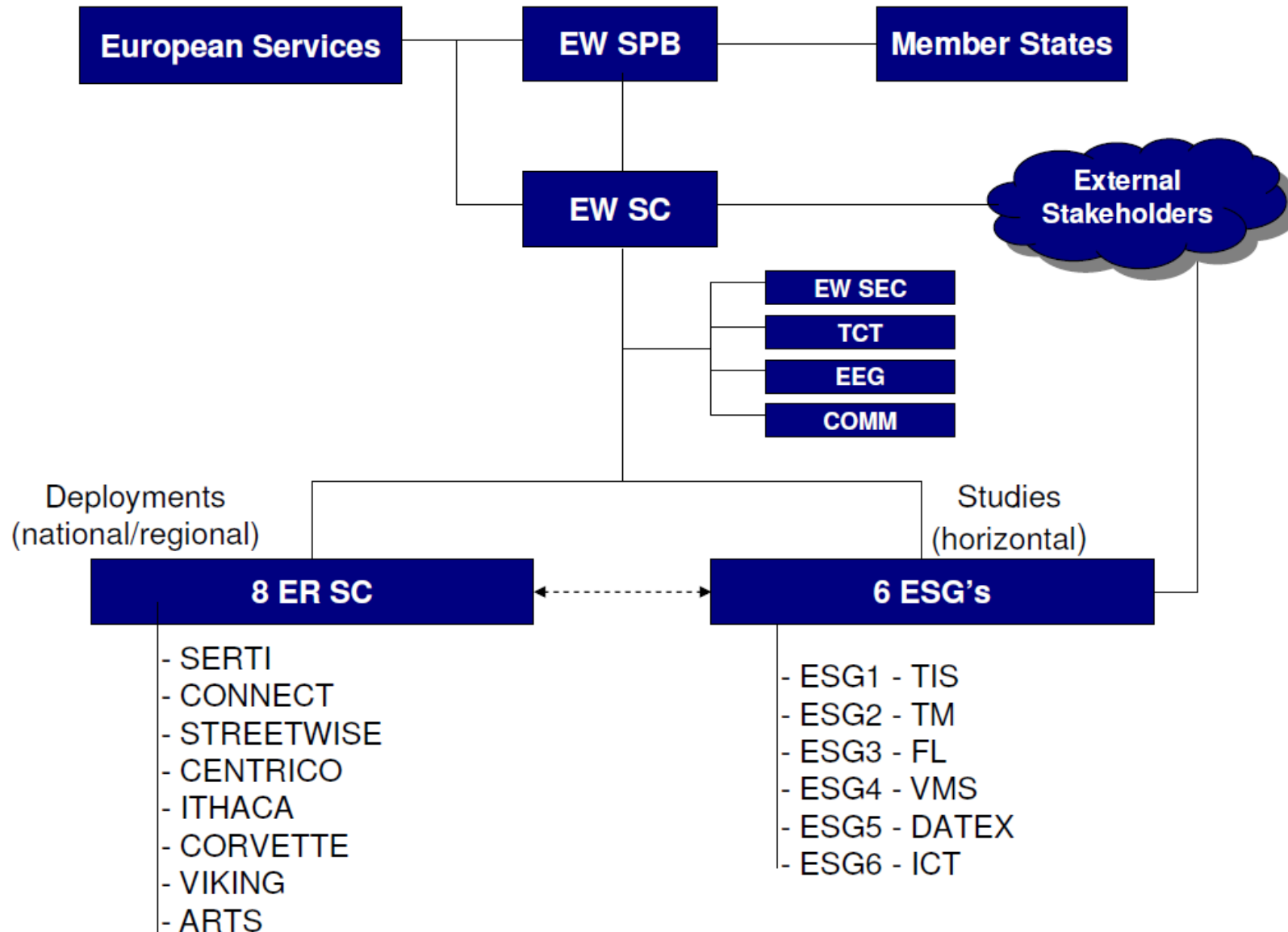
Arne Lindeberg

EasyWay

- One project founded on 8 regional cooperations
- 23 EU member states, remaining ms observers.
- 3 countries outside the EU
- 2007-2013
- Co-financed by EU (TEN-T programme)
- Deployment
(Core services + ICT infrastructure)
- Huge potential in such broad cooperation)



EasyWay organisation



EasyWay Objectives



- Traveller Information Services**
- Traffic Management services**
- Freight and Logistics Services**
- Information and Communication Technologies (ICT)**

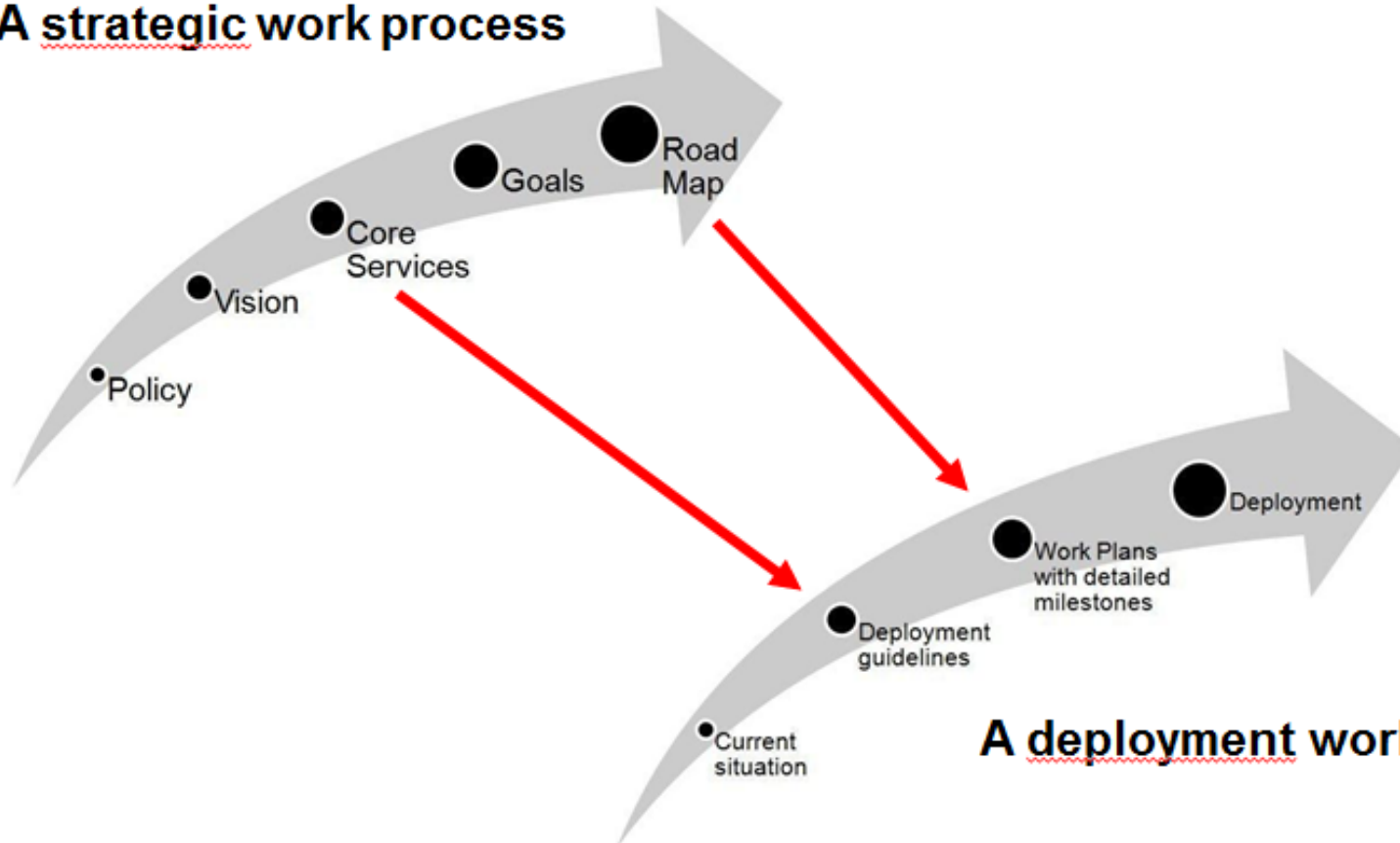
Harmonised deployment of core European ITS services:

- Agreement on a set of ITS services with a common definition – **Core European ITS-services**
- Common guidelines for deployment including service level in relation to operating environment – **Deployment guidelines**
- Common references for future deployments – **ITS deployment Road Map**

Thus will national deployments also contribute to a European transport system

EasyWay work Processes

A strategic work process



A deployment work process



What is the purpose of the EasyWay ITS Deployment Road Map?

- It is a guiding document for the Member States / EasyWay partners in their deployment planning as it defines agreed priorities
- It communicates EasyWay priorities to the outside world, thus supporting coordinated development

Providing a "balanced European view on ITS deployment"

An ITS deployment road map basically has to respond to the questions:

- **What? The selected Core European services**
- **How? The Deployment Guidelines**
- **Where? Operating Environments**
- **When? The priorities**

EasyWay Core European ITS Services

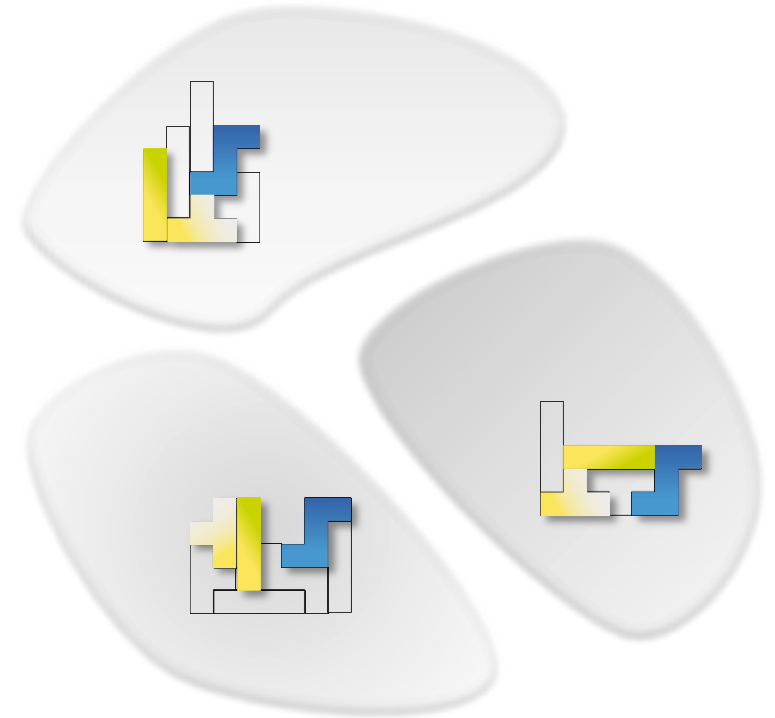
- **EasyWay Core European ITS Services are services for European hauliers and travellers, where road operators often play a key role in their implementation and provision. A Core European ITS Service means:**
 - **The travellers and hauliers shall know when and where to expect it**
 - **It shall offer a minimum level of common content and functionality**
 - **It shall offer a common “look and feel” when relevant**
- **The proposed Core European ITS Services are considered to be mature enough and effective enough (in relation to EasyWay scope and objectives) to form the backbone of deployment of ITS services across the Trans European Network for roads (TEN-T road) and on its interfaces with other networks.**

EasyWay-DG2012



Use

Local ITS-Service Instances



EasyWay Deployment Guideline

ESG 1 - TIS Traveller Information Services

Forecast and
real time event
information

Traffic
condition and
travel time
information

Speed limit
information

Weather
information

Co-modal
traveller
information

TIS Deployment Guideline Annex: Reference Document

ESG 2 - TMS Traffic Management Services

Dynamic lane
management

Variable
speed limits

Ramp
metering

Hard shoulder
running

Incident
warning and
management

HGV
overtaking ban

Traffic
management
plan for corridors
and networks

ESG 3 – F&L Freight and Logistic Services

Intelligent truck
parking and
secure
truck parking

Access to
abnormal goods
Transport
regulations

Supporting Guidelines and Documents

ESG 4 – VMS Variable Message Signs

Variable
Message Signs
harmonisation
Part I

Variable
Message Signs
harmonisation
Part II

ESG 5 DATEXII

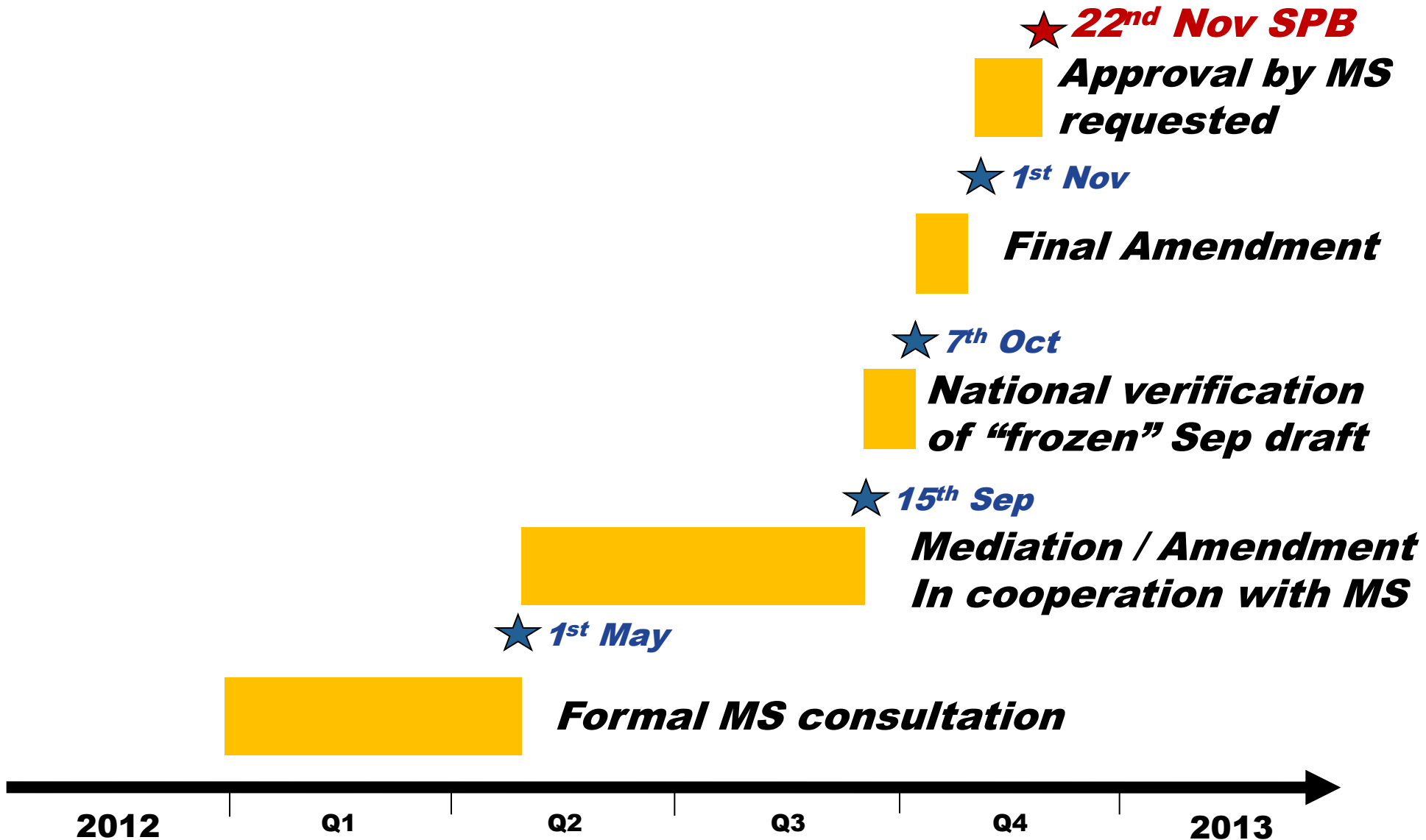
DATEX II

ESG 6 - ICT ICT Infrastructure

*EasyWay
Operating
Environments*



2012 process details



- **EasyWay website**

- Deployment Guideline Consultation process
- Workshops
- Events
- Information

EasyWay ★★☆☆ Linking Europe in a harmonized way

Search

Homepage Organisation Activities Events Publications Calendar Contact My account

EW @ European Parliament!
A success for ITS and EasyWay!

Deployment Guidelines
Member State consultation ongoing from now!

5th Annual Forum
20 - 22 November 2012 in London
It's time for ITS

Traveller Information Services
Multi-modal traffic information north of Amsterdam

EasyWay 2: Deployment Guidelines 2012 - Introduction

ESG 1 - TIS
Traveller Information Services

ESG 2 - TMS
Traffic Management Services

ESG 3 - F&L
Freight and Logistic Services

ESG 4 - VMS
Variable Message Signs

ESG 5 - DATEXI
DATEXI

ESG 6 - ICT
ICT Infrastructure

Quick links

- Deployment Guidelines
- Evaluation
- Operating Environments
- Press Corner

4th Annual Forum
Roads for tomorrow
Rome 9 - 10 - 11 November 2011

26-01-2012
EasyWay 2011 Annual Forum in Rome - All Proceedings and Photos Online!

Read more

EasyWay is a project co-financed by the European Union (TEN-T Network)

TEN-T EA
Trans-European Transport Network Executive Agency

<http://www.easyway-its.eu>



- 1. Services can be mature and with wide coverage, but with lack of interoperability**
 - 2. Services can be technically well developed, but with limited coverage**
 - 3. Services can be in the technical development phase, in a pre-deployment phase**
- But they have all been defined as Core European Services, and thus with a need for service harmonization.**



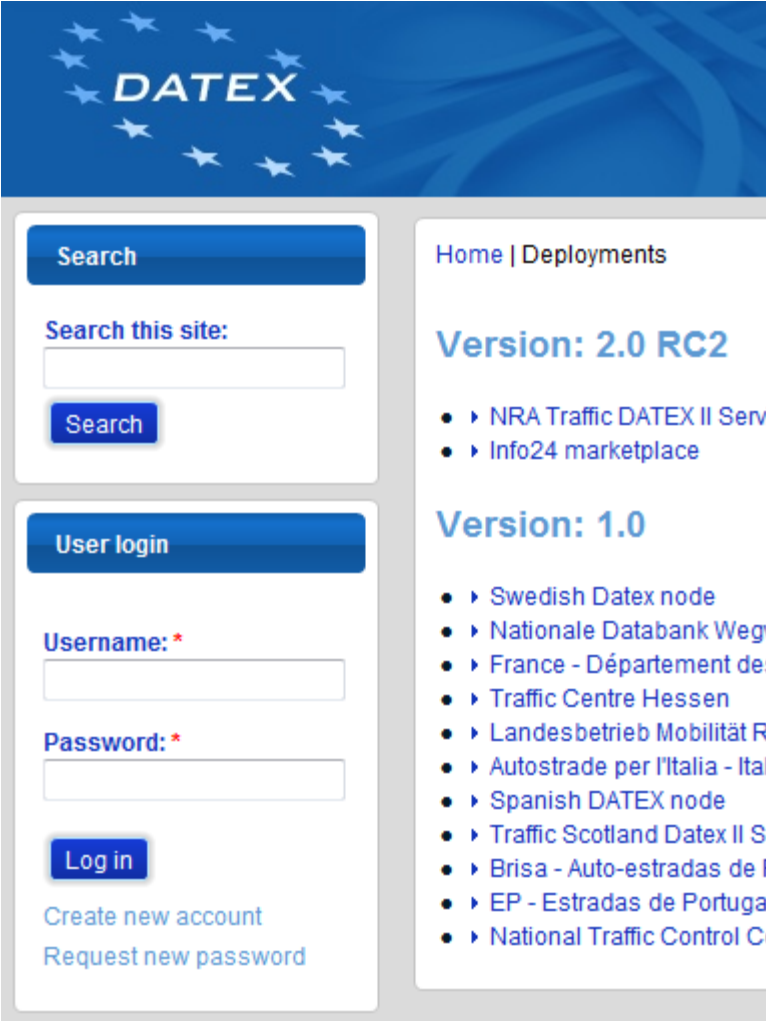
A mature service with lack of interoperability

- **Current situation provides problems for service users**
- **Aim with DG's is to drive harmonization and interoperability to the benefit of users**
- **A key challenge is to get a wide acceptance among stakeholders with strong positions**
- **Technology is not a big issue**



A mature technology in an early deployment phase

- Aim with DG is to stimulate deployment in new areas and with new stakeholders
- They open up and facilitate access to existing technologies
- Raises the need for complementary mechanisms like user forums, help desks, websites etc.
- Hence also other tools in the toolbox



The screenshot displays the DATEX website interface. At the top, there is a blue header with the DATEX logo and a circle of stars. Below the header, the page is divided into several sections:

- Search:** A blue button labeled "Search" is positioned above a search box. The search box contains the text "Search this site:" and a "Search" button below it.
- User login:** A blue button labeled "User login" is positioned above a login form. The form includes fields for "Username: *" and "Password: *", each with a corresponding input box. Below the fields is a "Log in" button. At the bottom of the login section, there are links for "Create new account" and "Request new password".
- Home | Deployments:** A navigation link is located at the top right of the main content area.
- Version: 2.0 RC2:** A section listing various deployment locations, including "NRA Traffic DATEX II Servi" and "Info24 marketplace".
- Version: 1.0:** A section listing various deployment locations, including "Swedish Datex node", "Nationale Databank Wegv", "France - Département des", "Traffic Centre Hessen", "Landesbetrieb Mobilität R", "Autostrade per l'Italia - Ital", "Spanish DATEX node", "Traffic Scotland Datex II S", "Brisa - Auto-estradas de F", "EP - Estradas de Portuga", and "National Traffic Control C".



- **Information exchange will be crucial**



- **DATEX will be even more important**





EasyWay



Thanks for your attention

<http://www.easyway-its.eu/>

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