



**EasyWay**

# Deployment Guidelines and their context

**Arne Lindeberg, TCT Chair**

- Strategy and Action plan**
- Deployment Guidelines 2010 version ready**
- EasyWay Deployment Guideline process ahead**

# The European perspective

## The EU (European Union)

- ITS Action plan

- ITS Directive

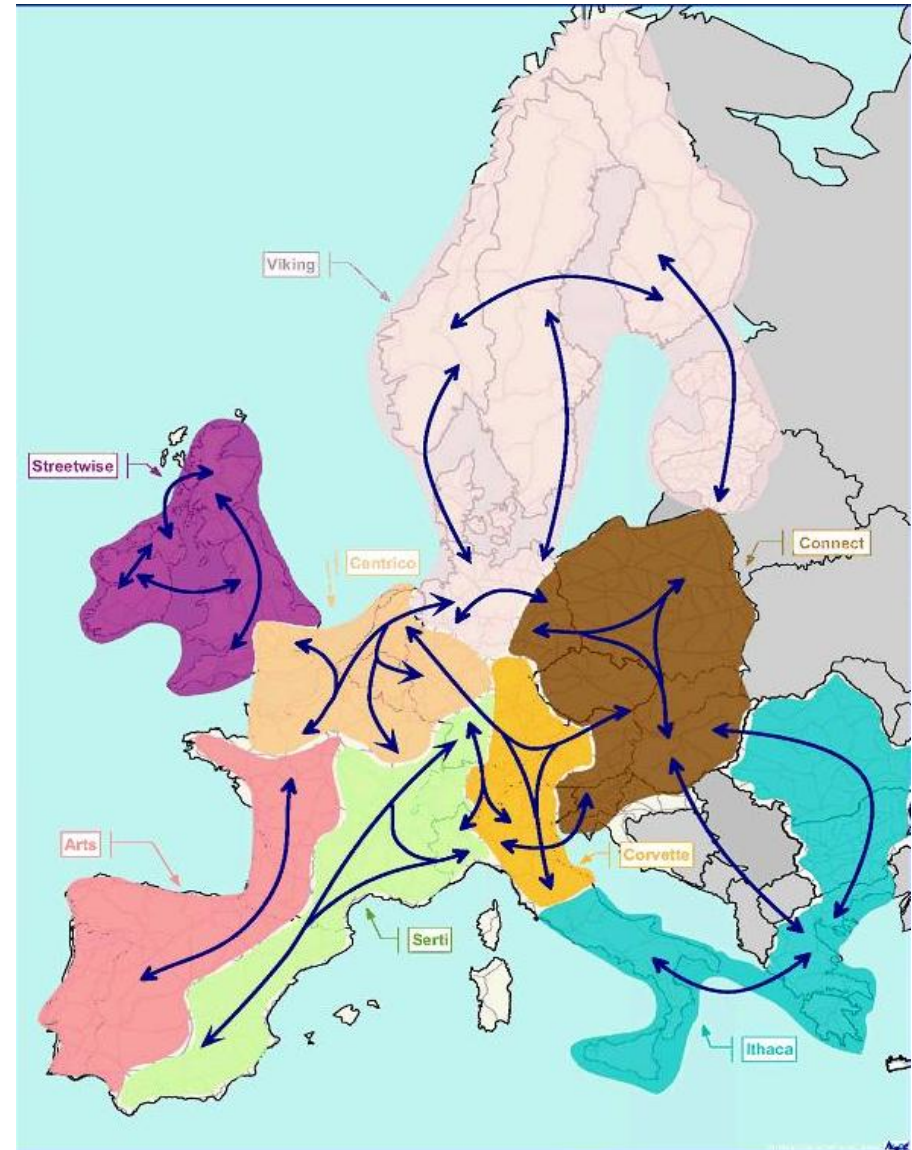
## Initiatives to contribute

- EasyWay



# EasyWay

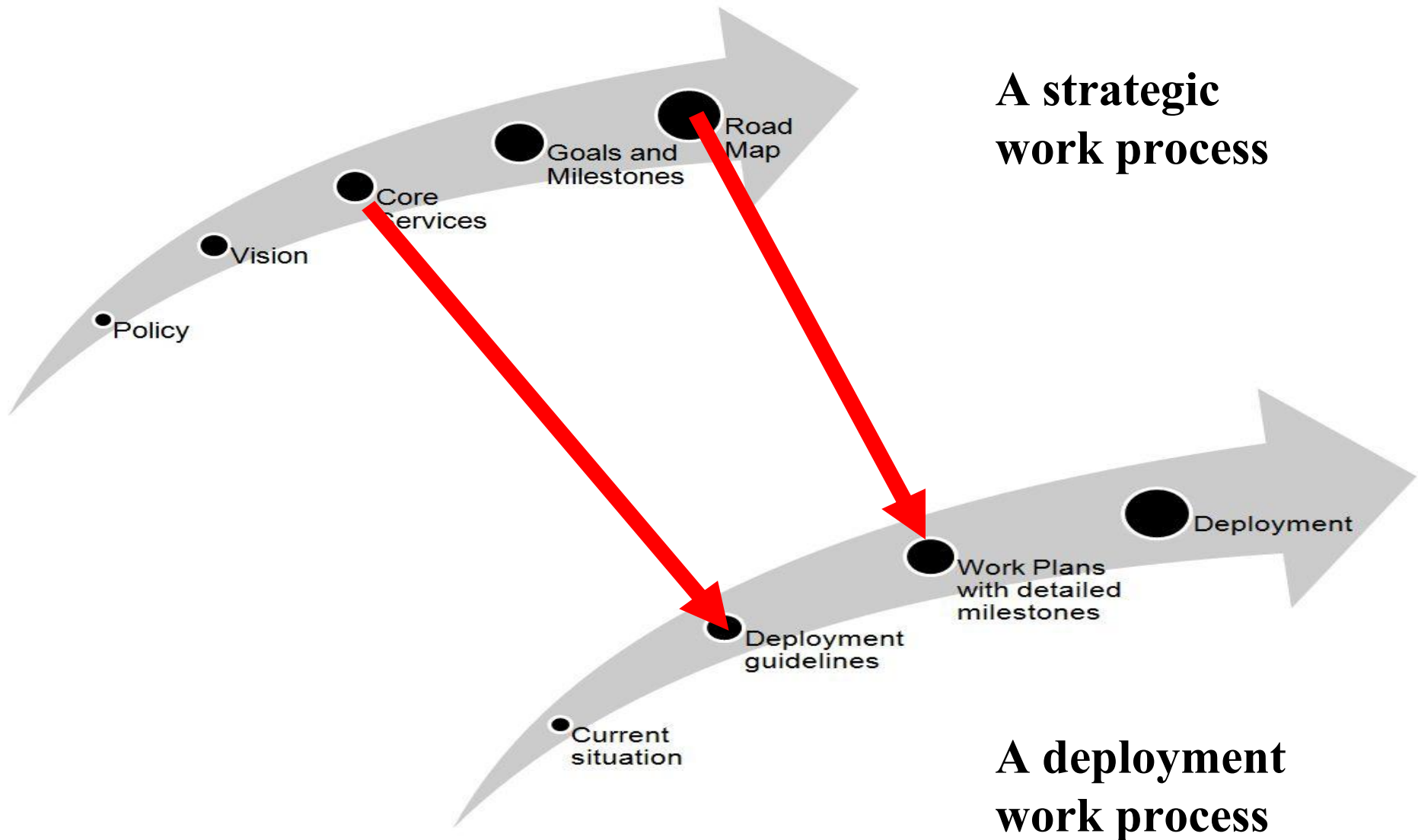
- One project founded on 8 regional cooperations
- 23 EU member states, remaining ms observers.
- 3 countries outside the EU
- 2007-13
- Co-financed by EU. (TEN-T programme)
- Deployment (Core services + ICT infrastructure)
- Huge potential in such broad cooperation)



- **The Strategic Process defines the Core European Services**
- **The Deployment Process provides deployment guidelines for these services**



# EasyWay work processes



# 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.**



# Deployment of Core services

- Deployment Guidelines

- Operating environment

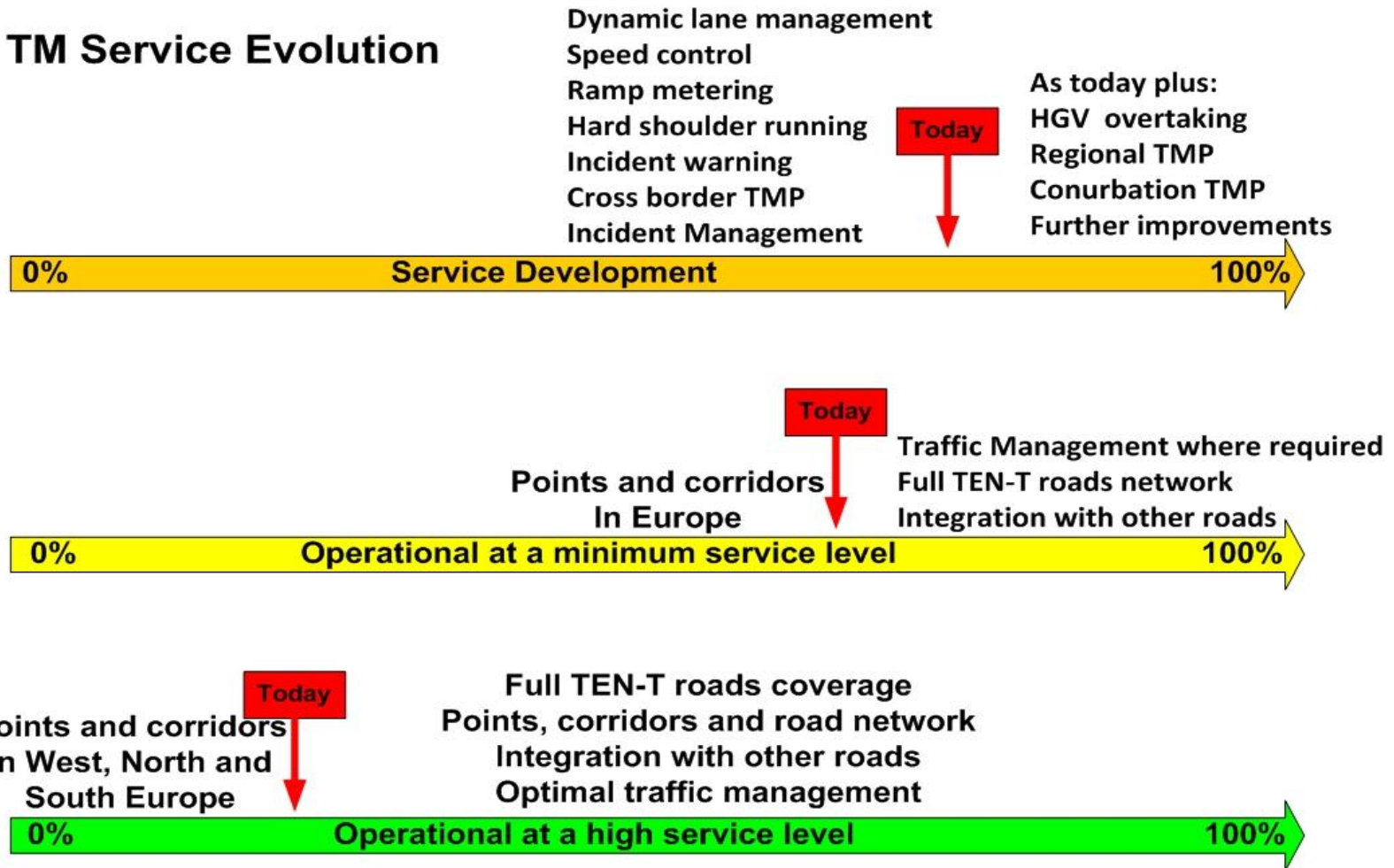
- Level of service

**By using Deployment Guidelines on national deployment we thereby also deploy European Core Services.**



# Example Traffic Management

## TM Service Evolution



# EasyWay RoadMap (work in progress)

Road Map definition																Essential Stakeholders			
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2025		
<b>Sub Core services</b>																			
<b>TIS</b>																			
Forecast and Real-time Event Information services	Deploy			Improve			Upgrade											ITS service Providers	
Predictive and Real time traffic information services	Deploy				Improve		Upgrade											ITS service Providers	
Travel time information services	Develop		Deploy			Improve			Upgrade							ITS service Providers, Navigation suppliers			
Road Weather Information Services	Deploy				Improve		Upgrade											Weather institutes	
Speed limit information services	Develop		Deploy			Improve			Upgrade							Digital map makers, other authorities			
Co-modal Traveller information services	Develop		Deploy			Improve											Public Transport comp., ITS service Providers		
<b>TM</b>																			
Dynamic lane management	Deploy				Improve														
Speed control	Deploy						Improve											Police	
Ramp metering	Deploy						Improve												
Hard shoulder running	Deploy						Improve												
Incident warning	Deploy				Improve		Upgrade												
HGV overtaking ban	Deploy						Improve												
TM on corridors and network - Crossborder TMP	Deploy			Improve			Upgrade											Other authorities	
TM on corridors and network - Regional TMP	Deploy				Improve												Other authorities		
TM on corridors and network - Conurbation TMP	Develop		Deploy			Improve											Other authorities, cities		
Incident Management	Deploy				Improve			Upgrade											Police, emergency organisations
<b>F&amp;L</b>																			
Intelligent Truck Parking	Develop		Deploy			Improve			Upgrade									Parking area operators, truck service providers, insurance companies, truck drivers and their associations	
Secure Truck Parking	Develop		Deploy			Improve			Upgrade									truck community, Parking area operators, truck service providers	
Access to reg. for abnormal and dangerous goods tr.	Develop	Deploy		Improve		Upgrade											Authorities		
<b>ICT</b>																			
Road monitoring	Deploy				Improve			Upgrade											ITS service Providers
Road weather monitoring	Develop		Deploy		Improve			Upgrade											Weather institutes
Mobile & Cooperative monitoring	Develop			Deploy			Improve		Upgrade									ITS service Providers, car-industries	
Traffic management centres	Develop	Deploy		Improve			Upgrade											ITS service Providers, Other authorities	
Data exchange	Deploy				Improve		Upgrade											ITS service Providers, Other authorities	
<b>Supporting Actions</b>																			
ESG4-VMS	Develop		Deploy	Improve			Upgrade											other authorities	
ESG5-Datex	Deploy				Improve		Upgrade											ITS service Providers	

# EasyWay homepage reference

## EW Web

- Consultation
- Deployment Guidelines
- Information

The screenshot displays the EasyWay website homepage. At the top, a navigation menu includes links for 'EasyWay Project', 'News', 'Activities', 'Calendar', 'Expert and Studies Groups', 'Deployment Guidelines', 'Documents', 'Annual Forums', 'Workshops', and 'Contacts'. The 'Documents' menu item is highlighted. Below the navigation is the 'EasyWay' logo with three stars. A 'Latest News' section lists several events, including the 'Annual Forum 2010 - Registration OPEN!' and 'EW ITHACA Workshop - Continuity ITS Services'. A breadcrumb trail shows the current page is 'Phase II' under 'Deployment Guidelines'. A search bar is located on the right. The main content area is divided into sections: 'Downloads' and 'Search' with icons, 'Home' and 'Document' links, and a 'Phase II' section. The 'Phase II' section contains a notice: 'Review Phase II has terminated in November 2009.' Below this are 'CategoriesFiles' and a list of services: 'A1- Traffic Information Services', 'A3- Freight and Logistic Services', 'A5 - VMS Harmonisation', 'A2- Traffic Management Services', 'A4- Connected ICT Infrastructure', and 'A5 - DATEX II'. On the right side, there is an 'Events Calendar' for September 2010, a 'Login Form' with a 'Log out' button, a 'User Menu' with links for 'Administration', 'Submit News', and 'Your Details', and a 'Subscribe to ewMonthly' button.

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



- **October 2008: Core services were established and the DG process initiated at the EasyWay AF in Taormina**
- **April 2009: First version of DG made public for stakeholders comments**
- **November 2009: DG 2009 version adopted at EasyWay AF in Vienna**
- **November 2010 ([here](#)): DG 2010 version adopted in connection with Annual Forum in Lisbon**

# List of revised Guidelines

Activity Domain	European Actions	Name
<p style="text-align: center;">A1 <b>Traffic Information Services</b> [TIS]</p>	<p style="text-align: center;">Deployment Guidelines [DG]</p>	Pre-trip and on-trip Traveller Information
		Traveller Information Services Summary
		Forecast and Real Time Event Information
		Traffic Condition Information Services
		Speed Limit Information Services
		Travel Time Information Services
		Weather Information Services Co-modal Traveller Information
<p style="text-align: center;">A2 <b>Traffic Management Services</b> [TMS]</p>	<p style="text-align: center;">Deployment Guidelines [DG]</p>	Management of sensitive road segments
		Dynamic Lane Management
		Speed Control
		Ramp Metering
		Hard Shoulder Running
		Incident Warning
		Heavy Goods Vehicle overtaking ban
		Traffic Management on Corridors and network Incident Management
<p style="text-align: center;">A3 <b>Freight and Logistic Services</b> [FLS]</p>	<p style="text-align: center;">Deployment Guidelines [DG]</p>	Intelligent Truck Parking
		Access to abnormal and dangerous goods transports
<p style="text-align: center;">A4 <b>Connected ICT Infrastructure</b> [ICT]</p>	<p style="text-align: center;">Supporting Actions [SA]</p>	Operating Environments
<p style="text-align: center;">A5 <b>Supporting Actions</b></p>	<p style="text-align: center;">VMS Harmonisation [VMS]</p>	The ES4 Guidelines
	<p style="text-align: center;">Datex [DAT]</p>	DATEX II

# The role of the Deployment Guidelines

- **The EasyWay partners are committed to carry out new implementations of the EasyWay Core Services in accordance with the Deployment Guidelines**
- **If an EasyWay partner decide to deviate from a Guideline in their deployment, they will declare their motivation in order to support the possible need to update the Deployment Guideline concerned. This is according to a “Comply-or-Explain” principle**
- **EasyWay Member States and partners make the other road operators, authorities and relevant stakeholders aware of the Deployment Guidelines. By doing so, a wider use of the DG´s shall be stimulated**