



UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE
(UNECE)



Intelligent Transport Systems (ITS)

Opportunities and challenges for intermodal transport



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(E,F,R)

WP.24 Informal Group - UNECE secretariat



Intelligent Transport Systems (ITS)

What is ITS ?

Information and communications systems for

- **transport chains**
- **different modes of transport and its interfaces**

linking and providing information between

- **transport infrastructure**
- **rolling stock and**
- **people (transport users)**



Intelligent Transport Systems (ITS)

Transport systems must be:

- **efficient**
- **make optimum use of infrastructures**
- **safe and secure**
- **clean and green (sustainable)**

Complex intermodal transport could profit from ITS applications

- **Information interfaces («seamlessness»)**
- **Optimum use of equipment**
- **Tracking and tracing**



Intelligent Transport Systems (ITS)

ITS for intermodal transport chains must be

- **accessible**
- **affordable**
- **reliable (well-functioning)**
- **internationally acceptable**
- **compatible with modal systems**
- **Interoperable (technical – semantic – organisational -legal – political)**



Intelligent Transport Systems (ITS)

Stakeholders for ITS solutions

- **Industry**
 - Transport operators (road, rail, inland navigation)
 - Intermodal transport operators (road-rail, ro-ro)
 - Shippers and freight forwarders
- **Public authorities**
 - Monitor compliance and cooperation
 - Provide discriminatory-free access
 - Oversee ITS governance process
- **International organizations (EC, UNECE, etc.)**



Working Party on Intermodal Transport and Logistics 55. session (6-7 November 2012)

Intelligent Transport Systems (ITS) - Programme

16:00 - 18:00		
16:00	Introduction	Mr. Michel Viardot, Chair of WP.24
16:05 - 16:50	ITS - Opportunities and challenges for intermodal transport (5 min) ECE/TRANS/WP.24/2012/1	UNECE secretariat
	Electronic trading in international supply chains: UN/CEFACT and ISO ITS solutions for intermodal transport (15 min)	Mr. Dominique Vankemmel UN/CEFACT Domain Coordinator Transport and Logistics
	ITS and the carbon footprint in intermodal transport chains (15 min)	Mr. François Janin ITS Task Force Manager Min. of Ecology, Sustainable Development and Energy (France)
	ITS and supply chain efficiency (10 min)	Mr. Roland Fründik MARLO Consultants (Germany)
16:50 - 17:05	Discussions	
17:05 - 17:15 Short break - Networking		
17:15 - 17:45	Use of ITS in intermodal transport operations: The CESAR system (15 min)	Mr. Martin Burkhardt Director General International Union of Combined Road- Rail Transport Companies (UIRR)
	Freight logistics and Customs service providers: ITS solutions to facilitate intermodal transport (15 min)	Ms. Nicolette van der Jagt Director General European Organization for Freight Forwarding and Logistics (CLECAT)
17:45 - 18.00	Discussions Close of session (Mr. Michel Viardot, Chair of WP.24)	

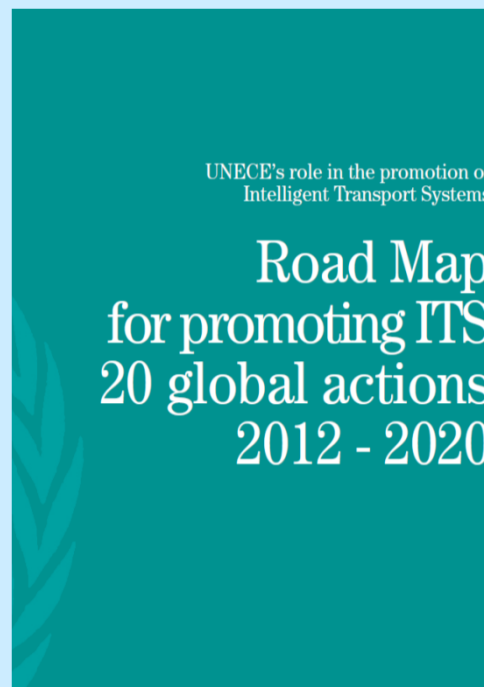


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Intelligent Transport Systems (ITS)

Follow-up activities (if any) by WP.24:

- Best (good) practices
- International guidance
- Endorsement and support





Intelligent Transport Systems (ITS)

UNECE Road Map for promoting ITS

20 global actions to promote use of ITS (2012-2020)

- **Actions related to WP.24:**
 - **Action 6: Scaling up work on ITS**
Align activities with sustainable mobility principle
Determine how ITS solutions could assist
 - **Action 13: Integrating with rail transport**
Promote rail interoperability
 - **Action 15 by WP.24 (intermodal) and SC.1 (road):**
Enhancing the modal integrator's role of ITS: Integration of modal information systems for logistics and security