**PROJECT**

**SIT-TN**

**Safe and secure intermodal transport**

**Funding:** European (5th RTD Framework Programme)
**Duration:** Jan 2003 - Dec 2005
**Status:** Complete with results

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**Background & policy context:**

The Safe and Secure Intermodal Transport Thematic Network (SIT) is funded by the European Union’s Fifth Framework Programme for Research and Technological Development (FP5), managed through the European Commission, DG Energy and Transport, in partnership with the United States Department of Transportation’s (US DOT) Federal Highway Administration (FHWA).

**Objectives:**

The SIT Thematic Network is a forum for international cooperation and information exchange regarding safety and security for intermodal freight transport. It was created in response to the international need for further harmonization of intermodal safety and security standards as well as the need for seamless information exchange between transport modes and between the multiple stages in the transport supply chain. SIT welcomes and encourages participation from all actors worldwide who are interested in its aims and activities. Active input from a wide variety of players ensures that the SIT Thematic Network effectively addresses the issue of safe and secure intermodal freight transport on national, regional and international levels.

**Methodology:**

The first phase of the work consisted on performing a state of the art analysis of existing operating freight data Exchange Systems (ports, logistic platforms and airports), this included:

- identification of risks on safety and security on intermodal transports originated by data transmission and hosting;
- identification of measures how to minimise these risks (procedures, standards, etc.);
- analysis of existing systems (in ports, logistics platforms, freight villages, airports) and RTD projects about their approach and their measures how to avoid these risks;
- s
  ythesis of the existing situation, identification of gaps and proposals for additional measures (e.g. creation of an international data exchange standard).

The second phase of the cluster activities consisted of:

- examining procedures and standards needed for secure data transmission during all the freight process;
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  xploring the opportunities to establish an international data exchange standard;
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  mplementing a Dictionary of terms applicable to both maritime and land transport.

**Parent Programmes:**

*FP5-GROWTH KA2 - Sustainable Mobility and Intermodality*

**Institute type:** Public institution
Institute name: European Commission, Directorate-General for Energy and Transport (DG TREN)
Funding type: Public (EU)

Partners:

Belgium:
Buck Consultants International; The European Community Shipowners Association ECSA; International Road Transport Union; ERTICO

Poland:
Instytut Logistyki i Magazynowania

Spain:
EUROPLATFORMS

The Netherlands:
Korps Landelijke Politiediensten

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Key Results:
The Safe and Secure Intermodal Transport (SIT) Thematics Network has created a forum for international cooperation and information exchange regarding safety and security for intermodal freight transport. The cluster on secure data transmission and hosting examined the procedures and standards needed for secure data transmission during freight process from origin to destination. It explored the opportunities to establish an international freight data exchange standards in particular to develop a common language or dictionary of terms applicable to both maritime and land transport.

STRIA Roadmaps: Network and traffic management systems
Transport mode: Multimodal transport
Transport sectors: Freight transport
Geo-spatial type: Network corridors