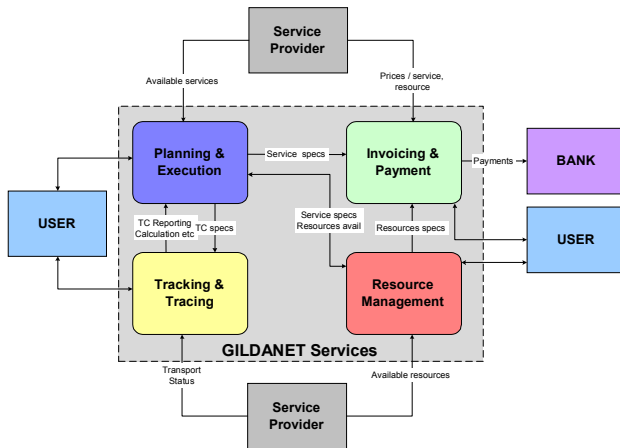
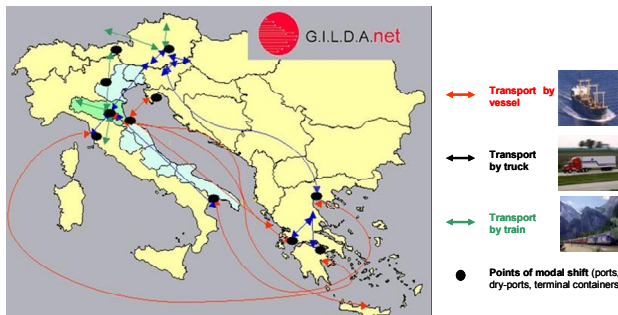


The **GILDANET** project proposes to transform the existing infrastructures into a working system based on reference architecture for the logistics at European level in full coherence with the user's needs and the emerging standards for mastering the business processes, using advanced Information and Communication Technological (ICT) solutions.



To meet the above objectives, a variety of actors will be considered, together with a targeted set of test cases (pilot actions focused on real, specific and demanding logistic chains).



INTERREG IIIB - CADSES Project: n. 2A031
Global Integrated transport Logistic Data NETWORK

Project Partners

- Regione Emilia-Romagna (Lead Partner) Italy
- Austriapro Austria
- Hellenic Institute of Transport Greece
- Interporto di Bologna Italy
- Paradigma Austria
- Teleporto Adriatico Italy
- TREDIT sa Greece
- Port of Thessaloniki Greece
- Port of Hiraklion Greece
- Port of Patras Greece
- Port of Igoumenitsa Greece
- Port of Alexandroupolis Greece
- Port of Koper Slovenia

<http://www.gildanet.net>

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THE CONTEXT OF THE PROJECT

- *Intermodal transport systems are a viable instrument to address the requirements of sustainability, economic and environmental developments. To organise such supply chains across regional and national borders requires free communication and information flow between business partners.*



- *Information Management and Electronic Data Transmission systems in freight transport is an outstanding issue for the efficiency of transport intermodality at transnational level; technology innovation enables new opportunities, and transnational logistic chains should define and adopt new efficient business models. The **e_logistics** is the silver bullet for companies to gain new potential key advantages.*

OBJECTIVES OF GILDANET

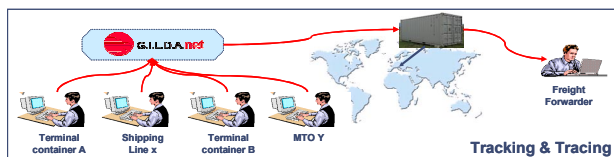
- To define a method for defining new business process collaboration agreement, based on standard approaches such as ebXML
- To develop an ICT platform enabling transnational chains to adopt e_documents
- To develop an application platform providing services to transnational chains
- To develop pilot applications: chain planning, chain monitoring, fleet management, tracking and tracing modules, e_document application
- To validate the Gildanet approach in real transnational chains

INTERNATIONAL STANDARDS

Interoperability is one of the guiding principles of GILDANET. The reference models and demonstrators are fully based on the use of internationally accepted industry and cross-industry standards B2B communication. Existing EDIFACT and emerging Core Components & ebXML standards represent the backbone of the project architecture. As a result of the continuous co-operation of the project team with UN/CEFACT working groups, GILDANET also contributed to the evolving development of Core Components and provided a testbed for ebXML.

GAINED OUTCOMES

- Within the analysis and modelling side, the project addressed the possibilities of IT innovation in terms of reorganization of business processes, with special attention to the transnational and multimodal transport chains in the three pilot cases: fresh and perishable goods, automotive industry, tracking and management of empty containers.
- On the design and development side, the communication and integration platform (GIPO) and the application infrastructure (GIAP) have been designed and realized.



THE GILDANET PILOTS

Automotive Chain

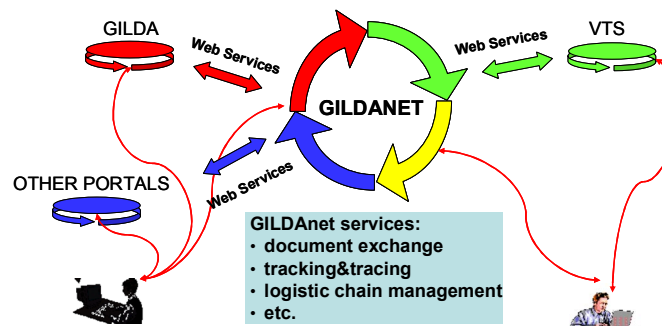
- With the support of global operators, a business process model for car imports, from Asia via the Suez Canal and an Italian port to Central European destinations, is offered to be used as a reference model for importers and freight forwarders in the Automobile sector.

Perishable Chain

- With the support of a global logistic provider and an important European retail company, a bottom up supply chain for perishable goods was modelled and validated and specifications for a software implementation have been developed.
- The GILDANET team designed such a complex chain, characterized by daily orders from a major retailer to different producers. Commissioning the orders is performed right after harvesting in the fields. Produce is collected from cooperatives and shipped to a warehouse. Cross docking operation and bundling ensures a high utilization of available truck/container capacity. The viability of the supply chain has been proven during a pilot run of several weeks.

Empties Chain

- With the support of a world operator, this pilot demonstrates a process management tool for empty container repositioning and maintenance, including three transportation modes (ship, rail, truck) and geographically connecting Greek and Italian ports.



ANNOUNCEMENT OF



G.I.L.D.A.net FINAL CONFERENCE

October, 24th 2005
in Bologna (Italy)

YOU ARE INVITED

TO JOIN THE FINAL PROJECT CONFERENCE WHERE THE GILDANET PARTNERS WANT TO DISCUSS ABOUT THE ROLE, COSTS AND OPPORTUNITIES OF ICT FOR TRANSNATIONAL MULTIMODAL TRANSPORT CHAINS AND TO REPORT ABOUT E_BUSINESS INITIATIVES IN FREIGHT TRANSPORT AND LOGISTICS.

Thinking moves things

THE GILDANET VIEW OF E_LOGISTICS

... where any size enterprises can find each other electronically anywhere and conduct business through the exchange of electronic based messages

using standard message structures according to standard business process sequences with clear business semantics, according to standard or mutually agreed trading partner agreements

using commercial off-the-shelf purchased business applications

Large Companies, Public Administrations and SMEs need an electronic infrastructure to share information and e_services in order to enable effective and efficient e_business processes

It will afford SMEs' participation in multiple supply chains ...