



UNIMED

Mediterranean Universities Union

**The European experience in logistic education
and possible actions to satisfy the needs of the
Mediterranean partner countries (MPC)**

LECCE
RAILMED 11-12 OCTOBER 2012
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UNIMED Executive Director

UNIMED Foundation

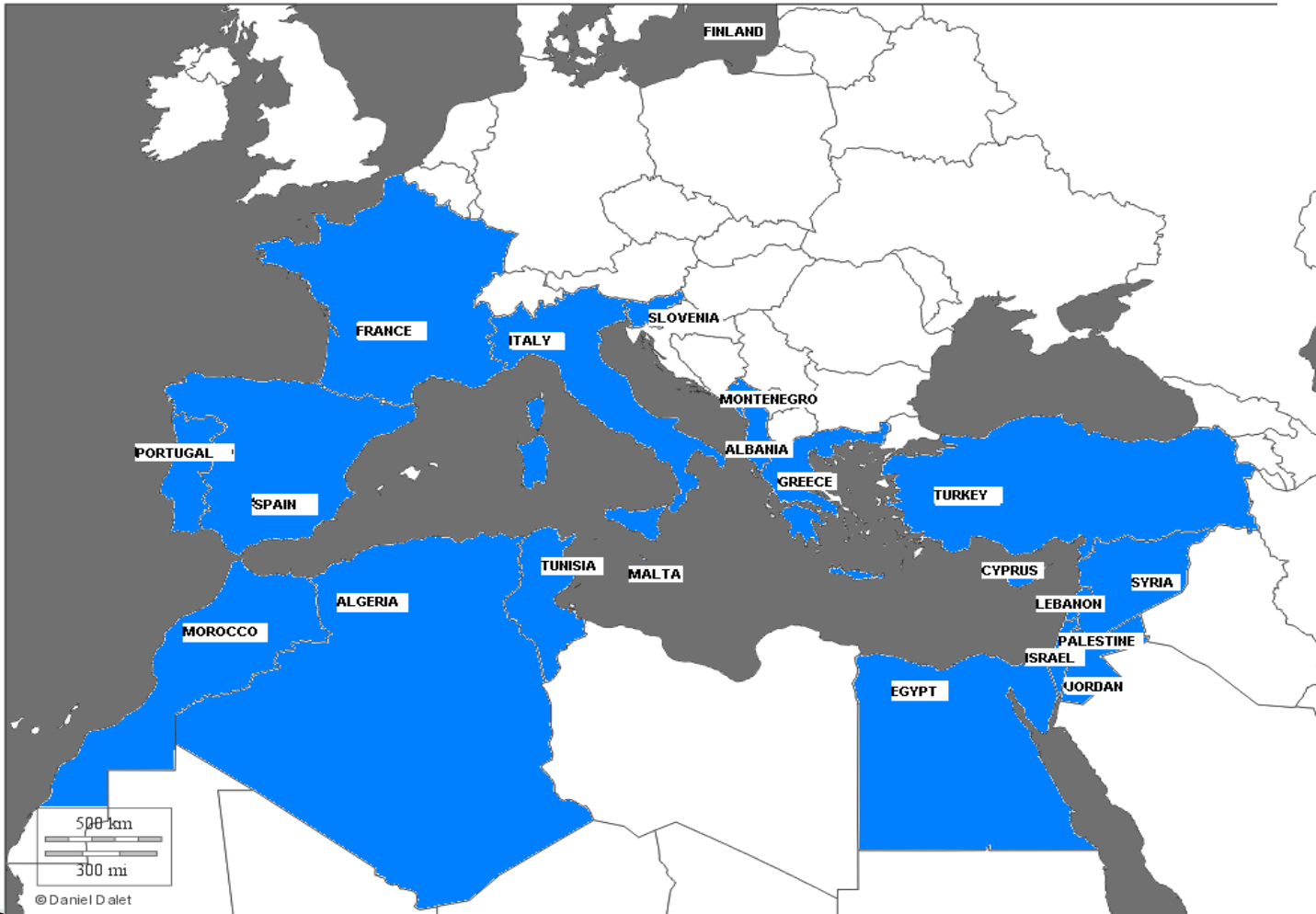


1991: Foundation with 24 associated Universities of the Mediterranean basin

Today: Network of **79 Universities** from 21 countries of the two shores of the Mediterranean

UNIMED Member States

unimed



Associated Universities

The logo for unimed, consisting of a blue circle with the word "unimed" in white lowercase letters inside.

ALBANIA

University of Tirana – Tirana – American University of Tirana

ALGERIA

University of Algiers; EPAU – Ecole Polytechnique d’Architecture et d’Urbanisme – Algiers; University “Badji Mokhtar” – Annaba;

University of Béjaia; University of Blida; University of Constantine;

University of Mostaganem; University “Es Senia” – Oran; ENSET – Ecole Nationale Supérieure de l’Enseignement Technique – Oran;

University of Tizi Ouzou; University “Abou Bekr Belkeid” – Tlemcen

CYPRUS

Cyprus University of Technology – Lemesos; University of Cyprus – Nicosia

EGYPT

University of Alexandria; Arab Academy for Science and Technology and Maritime Transport – Alexandria; University of Cairo

FINLANDIA

University of Tampere

FRANCE

University of Paris 8

JORDAN

University “Al al–Bayt” – Amman; University of Jordan – Amman; Hashemite University – Zarqa

GREECE

University of Athens; University of Panteion – Athens

ISRAEL

Hebrew University – Jerusalem; University Ben Gurion – Negev; University of Tel Aviv

Associated Universities

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ITALY

Università di Bari; Università di Bologna; Università di Cagliari; Università del Molise; Università di Catania; Università del Salento – Lecce; Università di Messina; Università di Modena e Reggio Emilia; Università “Federico II” – Napoli; Università di Palermo; Università di Perugia; Università per Stranieri di Perugia; Università “Mediterranea” – Reggio Calabria; Università degli Studi del Sannio; Università di Roma “Sapienza”; Libera Università degli studi “S. Pio V” – Roma; Università di Sassari; Università di Teramo; Politecnico di Torino; Università di Urbino; University Ca Foscari – Venezia; University of Trieste

LEBANON

Lebanese University – Beirut; “Holy Spirit” University of Kaslik – Beirut

MALTA

University of Malta – La Valletta

MOROCCO

University “Ibnou Zohr” – Agadir; University “Cady Ayyad” – Marrakech; Agronomy and Veterinary Science Institute “Hassan II” Rabat; University “Mohammed V” – Rabat

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MONTENEGRO

University of Montenegro – Podgorica

PALESTINE

University of Bethlehem; University of Birzeit; University “Al-Azhar” – Gaza; University “An-Najah” – Nablus

Associated Universities



PORTUGAL

University of Evora.

SLOVENIA

University of Primorska – Koper

SPAIN

University of Barcelona; University of Granada

SYRIA

University of Aleppo; University of Damascus; University "Al Baath" – Homs; University "Tishreen" - Lattakia

TUNISIA

University of "Sfax pour le Sud"; University of "Centre" – Sousse; University of Tunis; University "El Manar" – Tunis; University "7 novembre à Cathage" – Tunis.

TURKEY

University "Boğaziçi" – Istanbul; Istanbul Aydin University - Istanbul

UNIMED Offices



- **Head Office:** Palazzo Baleani, Rome, Italy

- **Regional Offices:**
 - An-Najah National University, Nablus, Palestine
 - Université de Paris 8, Paris, France
 - University of Salento, Lecce, Italy

UNIMED Board



- **President:** Prof. Domenico La Forgia,
Rector of Salento University, Italy
- **Secretary General:** Prof. Franco Rizzi
- **Executive Director:** Dr. Marcello Scalisi
- **General Assembly:** Rectors (or their delegates) of UNIMED
associated Universities

UNIMED main objective



UNIMED aims at promoting,
in a multidisciplinary perspective,
interuniversity research and education...

➤ **...in order to contribute to the integration process between the two Mediterranean shores.**

European, National and Regional Programmes: some examples



- ✓ **TEMPUS MEDA** – Modernising Higher Education
- ✓ **ENPI** – European Neighbourhood and Partnership Instrument
- ✓ **IPA** – Instrument for Pre-Accession Assistance
- ✓ **FP7** – Framework Programme of Research
- ✓ **Erasmus Mundus** - External Cooperation
- ✓ **EuropeAid**

Thematic Sub-Networks



➤ **During the last few years, UNIMED has also supported the establishment of a second-level network, constituted by *sub-networks* focused on specific sectors.**

- The *subnetworks* intend to create a database of research centers, university departments, ongoing projects and researches, and also ongoing partnership in the selected fields.
- The aim is to strengthen the economic and social cohesion, in order to promote, on the one side, cross-border, transnational and interregional cooperation and, on the other side, local sustainable development.
- Through the *subnetworks* activities, it is possible to increase the cooperation among the Euro-Mediterranean universities, promote the development and harmonization of the educational systems, in order to encourage, among others, the Bologna Process.

Thematic Sub-Networks



Currently UNIMED has activated the following sub-networks:

- ✓ **Transports, Logistics and Multi modality**
- ✓ **Renewable Energies and Environment**
- ✓ **Intangible Cultural Heritage**
- ✓ **Tourism in the Mediterranean**

Sub-Network on Transports, Logistics and Intermodality

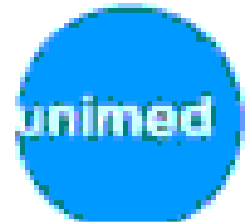


- Created by UNIMED in 2007
- More than 25 organizations, from 8 Mediterranean countries

Main aims:

- Collect information from relevant actors and organize a comprehensive database;
- Carry out studies, analysis and research activities, with focus on regional euro mediterranean dimension;
- Link all actors in a single network, facilitating dialogue and exchange of information;
- Organize workshops and conferences for a real circulation of knowledge;
- Implement dissemination of research results, promotion of initiatives, projects, through dedicated newsletter, website pages, links, etc..

Sub-Network: Transports, Logistics and multimodality



<u>Algeria</u>	Blida	University Saad Dahlab	Faculty of Engineering, Department of Industrial Chemistry
	Alger	Ecole Nationale Polytechnique	Département Génie de l'Environnement
	Costantine	University Mentouri	Faculty of Engineering, Department of Electronics and Informatics
<u>Egypt</u>	Alexandria	AASTMT Arab Academy for Science, Technology & Maritime Transport	Compound of International Transport & Logistics Studies
<u>France</u>	Paris	Ecole des Mines de Paris	
	Le Chesnay	INRIA	
<u>Italia</u>	Roma	University "La Sapienza"	Centro Ricerca Trasporto e Logistica (CTL)
	Roma	University "Uniroma3" of Rome	Faculty of Engineering – Department of civil engineering
	Lecce	University of Salento	Faculty of Engineering
	Torino	Politecnico - I Faculty of Engineering	Dept. DITIC-Transport engineering
	Napoli	Univ. Federico II	Department for Trasports Engineering "Luigi Tocchetti"
	Campobasso	University of Molise	Faculty of Engineering

Sub-Network: Transports, Logistics and multimodality



<u>Italy</u>	Padova	University of Padova	Department of Construction and Transports
	Cagliari	University of Cagliari	CIREM
	Bologna	University of Bologna	DISTART
	Modena e Reggio Emilia	University of Modena and Reggio Emilia	
	Palermo	University of Palermo	Department of Transport Engineering
	Reggio Calabria	University "Mediterranea"	DIMET, Department of Informatics, Mathematics, Electronics and Transports
<u>Lebanon</u>	Jounieh	University Saint Esprit de Kaslik	Centre International de Recherche en Applications Managériales et Economiques
<u>Palestine</u>	Nablus	An Najah National University	Faculty of Engineering, Department of Civil Engineering
	Birzeit	Birzeit Universit	Faculty of Engineering
<u>Spain</u>	Granada	University of Granada	Department of Civil Engineering
<u>Tunisia</u>	Sfax	University of Sfax	Faculty of Economy and Administration, Department of Economics
	Tunis	Ecole Nationale d'Ingénieurs de Tunis	Unité de Recherche Systèmes Electriques

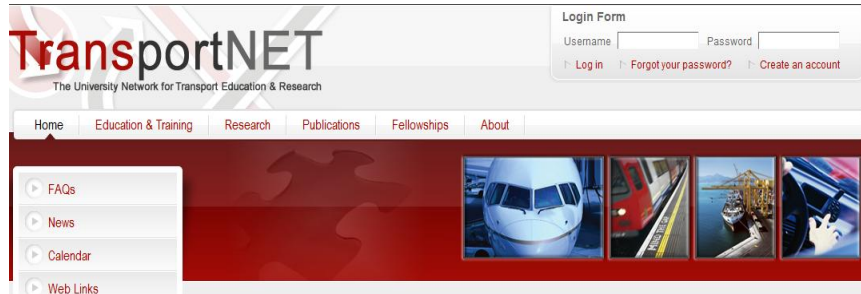


UNIMED within the collaboration with the EIB and the Marseille Centre for Mediterranean Integration (CMI) is in the working group of the Transport and Logistic Program (LOGISMED)



An overview of the European experience in logistic education

Education & Training in today's global world of the people and goods mobility has become a Central Issue



The existing programmes for European exchanges in the logistics and transport fields such as *The University Networks for Transport Education and Research*, *The Association for European Transport etc.*, have shown a great efficiency in the field of education and research on logistic issues.

TRAINING MODES IN LOGISTICS EDUCATION IN EUROPE



- ✓ **Intensive on-site training programs**
- ✓ **Certificate Programs**
- ✓ **Executive level training and consulting**
- ✓ **Master's degree programs**
- ✓ **PhD Programmes**
- ✓ **Early-Stage Training Fellowships**

LOGISTIC EDUCATION IN EUROPE AIMS TO:



- ✓ Integrate theories on managing supply chain operations within the context of global business management;
- ✓ Explain and critically apply theories on logistics and supply chain management, operations management, international management and financial resources management;
- ✓ Understand how logistics and supply chain management are interrelated to contemporary social issues;
- ✓ Evaluate the different approaches to organisation, management and the allocation of resources that influence supply chain management strategies for companies



- ✓ Provide custom courses giving organizations the opportunity to direct intensive efforts at specific issues crucial to company goals;
- ✓ Provide an executive education courses leading to certificates in various supply chain areas;
- ✓ Understanding of transportation strategies ;
- ✓ Foundation of **research and education partnerships** that bring together the supply chain interests of academia, industry and government

Possible actions to satisfy the needs of the Mediterranean partner countries

LOGISMED Objectives



- ✓ Provision of joint learning and training
- ✓ Development of a logistics training network throughout the Mediterranean region
- ✓ Creation of a regional pool of specialists and experts with the aim to create a value chain of the logistics covering all aspects (from training to the provision of administrative and management services)

Creation of network of logistics platforms



- ✓ introduction of **international standards**;
- ✓ **Improvement** of staff skills;
- ✓ **strengthening** of trade links with Europe;
- ✓ faster **improvement** of the overall international competitiveness.



- ✓ the reconnaissance of the needs and the organization of **training supply**;
- ✓ Encouragement for the **decisions** of political and industrial actors in the relevant area;
- ✓ A **reference network** for all actors the actors and stakeholders;
- ✓ strengthen the **Mediterranean skills network** in the field of logistics and develop partnerships dealing with transports, logistics and intermodality and disseminate best practices

Creation of the Observatory on Transports and Logistics in the Euro Mediterranean Area



- ✓ meeting point for all the actors and stakeholders;
- ✓ an instrument for dialogue to all operational entities and Universities from both sides of the Mediterranean sea;
- ✓ a useful instrument to stimulate the decision-making process concerning the policies on transports underway in the region;
- ✓ a tool of communication and dissemination of information in the relevant sectors, among all entities involved and to the wider public;
- ✓ guarantees the necessary competencies, by finding out the best Institutions or Entities which can satisfy the emerging needs recognized within the Euro Mediterranean area.



The initial actions on training structure

- ✓ define standard courses (initial training, continuous education) by level and trade;
- ✓ certify existing training;
- ✓ stimulate the development of new training, possibly leading to the award of a diploma;
- ✓ develop a Masters for higher-level training;

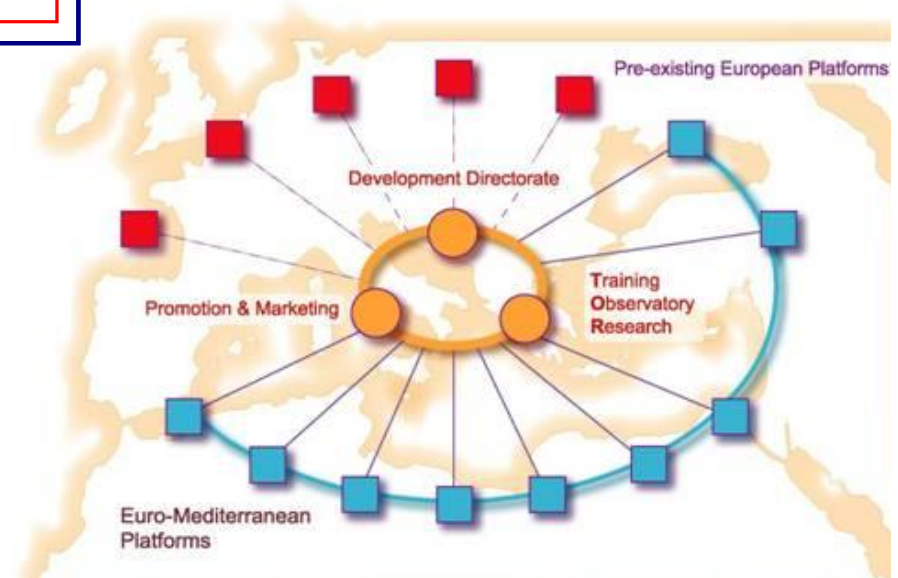
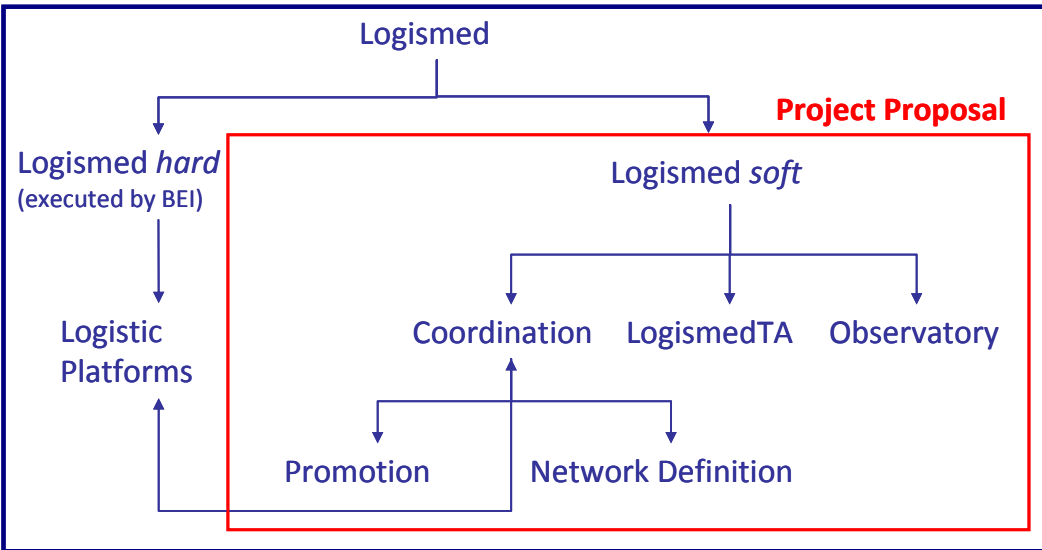
*The European experience shows the effectiveness of University **Networks** for optimization of logistic education and research, not only at the academic level*

The training, Observatory and research services are an essential part for the development of the logistic education in the MPC

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Transport: LOGISMED Training Activities (TA)

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Transport: LOGISMED Training Activities (TA)



Country-linked action-lines

Code	Action	Outline
C-1	Build / help develop a strong national logistics associations	Support will be provided to strengthen logistics association in each beneficiary MPC that will be the meeting point for logistics professionals in each country. The national logistics association should contribute to raise awareness on the importance of logistics at country level, as well as to act as interlocutor with the administration and the academic sectors, and to contribute to the sector development by providing continuous professional education in the mid-term.
C-2	Develop a cluster awareness and training plan	The idea behind this action is to provide logistics training to key stakeholders in critical clusters, as customers of logistics services. Events to be organized under this action will aim to share international best practices and to raise the awareness on the importance of the optimisation of logistics activities and the value added logistics services.
C-3	Develop an awareness plan targeting the administration	Events arranged under this action will aim to raise awareness on the importance of logistics across key stakeholders within the administration in each beneficiary MPC. It should play a critical role in building support to develop specialized TVET and tertiary education offer adapted to company needs.
C-4	Develop and promote quality requirements for undergraduate degrees	The ultimate goal of this action line is to standardize quality undergraduate education in logistics across beneficiary MPCs and align it with private sector needs. The tasks under this action line will cover the definition of the desirable minimum requirements for quality logistics university degrees and support to the different institutions that express and interest to adapt their curricula these requirements.
C-5	Promote ELA certification among logistics professionals	The idea behind this action is to provide support to a limited number of sector professionals in getting their skills ELA-certified, in order to make them become catalysers in the diffusion and appreciation of the ELA certification scheme across other logistics professionals in their respective countries. It will also help to establish collaborative twinning arrangements with benchmark European logistics associations.

Transport: LOGISMED Training Activities (TA)



Platform-linked action-lines

Code	Action	Outline
P-1	Develop "Train the trainers" program	This action covers the process by which a pool of high level trainers will be take care of training those others trainers that will be available for teaching through the platforms' training units. This effort will play a critical role in fostering a homogeneous training approach throughout the different platforms.
P-2	Develop initial pool of skilled "blue collar" workers	This action line pursues the development of an initial group of skilled "blue collar" workers to be properly trained before the kick-off of the activities of each LOGISMED platform. A so-called coordinator will be appointed from the pool of trainees of the "train the trainers" program to define and arrange the initial training that will be partially subsidized.
P-3	Develop platforms' continuous education and training unit	This action line pursues the development of a continuous education and training unit linked to each LOGISMED platform. Training offered through it will be defined by the platform's training activities coordinator in close collaboration with the companies operating through it. The training and education plan will be partially subsidized.
P-4	Define platforms' management training and coordinator scheme	This action line covers the definition of a training and coordination scheme for the management of the different platforms that will integrate the LOGISMED network. An exchange program between them and with benchmark European platforms will be established.



.... And in the meantime?

A PROJECT PROPOSAL UNDER TEMPUS PROGRAM (October 2012)

Main Objectives:

- ✓ Curricula Development at academic level***
- ✓ Training of trainers***
- ✓ Continuous Training for public and private sector***
- ✓ Networking between business community and Universities***



Thank you for your attention

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