

CHEMIFOR: a new development of LIFE LONG LEARNING for the people who Works on CHEMICAL sector



The last January the 22nd and 23th 2009 we hold the 1st transnacional meeting of the CHEMIFOR project which aims to improve the learning methods of the people who Works on the Chemicals sector through the development of a SELF-LEARNING MULTIMEDIA SYSTEM.

The CHEMIFOR project is led by FONDO FORMACION EUSKADI in collaboration with FIA UGT, BRIDGESTONE HISPANIA, S.A., E&L INSTRUMENTS (United Kingdom), LINK CONSULTING (Italy) and IDEC (Greece)

CHEMIFOR: an useful tool for the vocational training in the quemical sector

The present project aims at developing a TRANSFER OF INNOVATION experience from the succesfull AUTOMOVE 2 project (E/01/B/F/115.560). We want to test the adaptation of the vocational training contents and methods, needed in the sector of chemical industries of the participant countries, through the creation of a **flexible, multimedia and interactive self-training method**. We pretend to grant the incorporation of learning procedures at the workplace. The final product will be the **edition of vocational training modules in the area of key competences of the CHEMICAL SECTOR, on CD ROM support, in the languages of the participant countries**



The Spanish organization FONDO FORMACION EUSKADI responsible for promoting this transfer of Innovation experience is being conscious of the importance of incorporating the "training" variable to the workers of the Chemical sector, on this way the project wants to incorporate a self-training model using new learning environment model in a traditional sector; developing a stimulus in their use of new technologies to account for the possibilities offered by the information society.

CHEMIFOR: a project with clear ideas

The **specific objectives** pursued are:

1. To obtain a new and optimum training methodology adapted to the chemical sector needs.
2. To incorporate the *training* variable to the workers and enterprises of the chemical sector.
3. To elaborate training modules common to the European regions that will eventually allow the virtual geographical movement of workers.
4. To contribute to the development of a cooperative enviroment among the companies and the workers to permit the adoption of common policies to respond to the new requirements

5. To impulse and consolidate the adoption of NTIC as a management tool, expandable to the training dimension.
6. To facilitate the transfer of the results throughout wider contexts.
7. To grant the exchange of transnational experiences.



CHEMIFOR: a well-structured project

The project will be developed through the following phases, without sequential character as some of them may be carried out simultaneously:

1. Definition of the training needs by the Pedagogic Committee (Key Competences); consulting the reference material (Training Needs Analysis, Surveys, etc.)
2. Elaboration of the first didactic material modules of the key competences of the chemical sector selected

3. Transcription of the material to multimedia language.
4. Translation.
5. Printing and validation of the material by the workers of the chemical industries of the participant countries
6. Evaluation.
7. Improvement measures.

CHEMIFOR: a project with concrete outcomes

Four products will be developed as a result of the planned objectives in the project which, as well as the objectives themselves, are interrelated. The four final products will be:

1. Study developed by the Group of Pedagogic Experts to determine the contents and methodology of the self-training modules.
2. Paper edition of the self-training material, with flexible structure and contents adapted to the needs and characteristics of the chemical sector.
3. Transcription of the material to multimedia language and edition of CD-ROMs in the language of the participant countries.
4. Edition of a document containing the results of the transnational experience and the compromise of the participant partners to transfer the results throughout wider environments. This document will be edited in the languages previously mentioned and it will include the global evaluation of the project.



Family Picture of the CHEMIFOR's Project

CHEMIFOR: an experience with European projection

One of the basic aspects of **CHEMIFOR** is the willingness of the promoter organisation **FONDO FORMACIÓN EUSKADI**, to create a Partnership providing high added value to the project, both from the technical point of view and from the social and geographical one. In this regard, a basic aspect is the institutions' support to the project, as it has as a member organisation the **FEDERACIÓN DE INDUSTRIAS AFINES** of the Trade Union **UGT** and the multinational company **BRIDGESTONE**. Last, it is worth adding that the promoting organisation is willing to establish bonds with organisations from European Union. Therefore, we have decided to get associated exclusively with organisations coming from **United Kingdom (E&L INSTRUMENTS), ITALY (LINK CONSULTING) and GREECE (IDEC)**



FONDO FORMACION EUSKADI (www.ffeuskadi.net) has an experience of 14 years working on Training and Employment fields. We have represented an unique model for the assessment, guidance and life long learning of unemployed and working people. We have a big experience in the design and management of complex projects including European experience under the different European programmes and initiatives like LEONARDO DA VINCI, SOCRATES, GRUNDTVIG, EQUAL, etc.



La Federación de Industrias Afines de UGT (FIA-UGT) is a Trade Union founded in 1.888 to Project the worker's Rights of industrial sectors of energy, mining, textile, leather and chemistry. FIA-UGT considers the vocational training as a high important tool to improve the work quality of the workers. FIA-UGT is an organization that works all around the national territory of Spain working jointly with the Territorial Federation of the Spanish Autonomous Community.



It is an Enterprise of the BRIDGESTONE Group who has more than 126000 workers all around the World (4400 in Spain), it's mainly dedicated to produce and selling of tires, with factories in Bilbao, Santander and Burgos. Bridgestone works in Spain since 1934 giving to the sector a deep knowledge.



Since 1968 we have been recognised as a leader in technical education, and today we continue to develop the necessary hardware, software and courseware required to meet the needs of rapidly changing technology. Our central concept of education through application still holds true as we believe that relevant technical education is best served when students **learn by doing**.



Link Consulting was founded in 1997 by a group of professionals. Due to phenomena as globalization, single currency, continuing transformation of technology and information and communication processes, social reality is liable to fast changes that require of enterprises and public bodies more and more the capacity to adapt themselves, to be flexible, to have the necessary competences, to manage their resources in a responsible way, to give their employees the opportunity to lifelong learning,... In short, Link Consulting aims to assist enterprises and public institutes in purchasing and achieving this objective by offering them integrated and innovative services according to the needs of their specific organizational context. Its services can be grouped into 5 intervention fields: financial consultancy – training – social research – services to enterprises and informative reports. Link Consulting has carried out several community projects (PIC: Integra, NOW, HORIZON, YOUTHSTART, ...) that dealt with learning skills and competences of different target groups: prisoners, youth at risk of drug addiction, marginalization, persons with mental disabilities.



IDEC is a training and consultancy company based in Piraeus, which is the port of Athens. Clients of IDEC are both SMEs and the larger Greek companies including the sector of the textile, clothing and food sectors, Entrepreneurs' Associations, Universities and Chambers of Commerce/Industry. The personnel are mainly mechanical, electrical and software engineers with post-graduated studies and long-term industrial experience. The main areas of activities are training and management consulting, ISO-9001, software and multimedia development, internet applications, distance learning, e-business, e-commerce, telecommunications and networks. IDEC has participated in a number of European projects such as Leonardo da Vinci, ADAPT, IST, TEN-TELECOM.