



Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Capacity Building in higher education

Project Title

The Algerian National Laboratory for Maintenance Education

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Partners UNIVERSITA POLITECNICA DELLE MARCHE (IT) , UNIVERSITATEA DUNAREA DE JOS DIN GALATI (RO) , INSTITOUTO ANAPTIXIS EPICHEIRIMATIKOTITAS ASTIKI ETAIREIA (EL) , UNIVERSITY OF M'HAMED BOUGARA BOUMERDES (DZ) , UNIVERSITE D'ANNABA (DZ) , UNIVERSITE DES FRERES MENTOURI CONSTANTINE (DZ) , SPA CARROSSERIES INDUSTRIELLES DE ROUIBA CIR (DZ) , SOCIETE PAR ACTION S.M.G.M SOCIETEDES MATERIELS DE GERBAGE ET DE MANUTENTION (DZ) , SPA BATIMETAL / CTMC (DZ) , EUROPEAN FEDERATION OF NATIONAL MAINTENANCE SOCIETIES VZW (BE) , PLASMATRIX MATERIALS AB (SE) , CENTRE DE RECHERCHE EN TECHNOLOGIES INDUSTRIELLES (DZ) , UNIVERSIDAD DE VIGO (ES) , KUNGLIGA TEKNISKA HOEGSKOLAN (SE)

Project Summary

The ultimate goal of the ANL-MEd is to modernize and vitalize the educational and training system in maintenance engineering and by this to increase the efficiency and competitiveness of Algerian industry. The aim is to provide Algerian industry with a new generation of skilled personnel, especially at mid- and higher levels, along with ensuring flexible and continuing education and training of industry personnel at all levels. In order to handle the current limitations and to remove the barriers hindering the performance improvement of the companies the objectives are: 1. To implement curricula in maintenance engineering in Algerian HEIs and to adapt it to the needs and structure of Algerian industrial companies. 2. To create a national organization ANL-ORG with member universities and companies for coordinating the activities regarding maintenance education and training and active collaboration university-industry. 3. To strongly involve the manufacturing companies to development of curricula in maintenance engineering. 4. To develop the ANL-KNOWLEDGE Platform for education and training. 5. Overall improvement of the company climate, performance and quality in education and training in maintenance engineering. The main outputs and results of AN-MEd are: 1. New curricula (60 ECTS) for maintenance specialization, ANL-EDUC in English and French 2. New training programme, ANL-VET for industry personnel in English and French 3. Innovative learning methodology – ANL-Project scenarios - for short practical project in cooperation with industrial companies 4. ANL-Knowledge Platform with LMS for OER system, and tools for communication and information. The Platform allow for E-learning for education and training. 5. ANL-ORG for coordinating the activities for education and training. The main impact is the strengthen of the cooperation academy-industry, provide industry with skilled personnel at all levels and improve the competence of maintenance personnel

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