



Key Action 2: Cooperation for innovation and the exchange of good practices

Action: Capacity Building in Higher Education

Action Type: Joint Project

Project Title:

**The Algerian National Laboratory for Maintenance Education
(ANL MEd)**

Coordinator: Prof. Salah CHIKH, USTHB



Keys to success

Before starting, get informed as much as possible.

- * **Priority themes**
- * **Lean on a previous network of partner institutions
or/and
on your own contact persons**
- * **Number of required partners from program countries and partner countries**
- * **Be aware of the evaluation criteria of the submitted project**



The project is evaluated on the following criteria:

- * Relevance of the project**
- * Quality of the project design and implementation**
- * Quality of the project team and the cooperation arrangements**
- * Impact and sustainability**
- * Quality of the design and implementation of the special mobility action**



List of Partner Organisations

Algerian Partners:

Université des Sciences et de la Technologie, Houari Boumédiène (*Applicant organisation*)
Université des Frères Mentouri, Constantine
Université d'Annaba
Université M'Hamed Bouguerra, Boumerdès
Centre de Recherche en Technologies Industrielles (CRTI), Alger
Centre Technique Metal Construction (CTMC, Groupe IMETAL), Boumerdès
Société Nationale des Véhicules Industriels (SNVI), Alger
Société des Matériels de Gerbage et de Manutention, (GERMAN), Constantine

European Partners:

Kungliga Tekniska Högskolan (KTH), Stockholm, Sweden
Plasmatrix Materials AB, Stockholm, Sweden
Universidad de Vigo, Vigo Pontevedra, Spain
Universitatea Dunarea De Jos Din Galati, Galati, Romania
European Federation of National Maintenance Societies VZW, Brussel, Belgium
Institutou Anaptixis Epicheirimatikotitas Astiki Etaireia, Larissa, Greece
Universita Politecnica Delle Marche, Ancona, Italy



Objectives of the Project

- Modernize and vitalize the educational and training system in maintenance engineering.
- **Increase the efficiency and competitiveness of Algerian industry.**
- Provide Algerian industry with a new generation of skilled personnel.
- **Ensuring flexible and continuing education and training of industry personnel.**
- Handle the current limitations and remove the barriers hindering the performance improvement of the companies.

Means for achievement

- Implement curricula in maintenance engineering in Algerian HEIs and adapt it to the needs and structure of Algerian industrial companies.
- **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.**
- Strongly involve the manufacturing companies to development of curricula in maintenance engineering.
- **Develop the ANL-KNOWLEDGE Platform for education and training.**
- Overall improvement of the company climate, performance and quality in education and training in maintenance engineering.



Expected Outputs of ANL Med

- New curricula for maintenance specialization, ANL-EDUC
- New training programme, ANL-VET for industry personnel
- Innovative learning methodology –
- ANL-Knowledge Platform and tools for communication and information.
The Platform allows for E-learning for education and training.
- ANL-ORG for coordinating the activities for education and training.

Main Impacts

- strengthen the cooperation academy-industry,
- provide industry with skilled personnel at all levels
- improve the competence of maintenance personnel



Grant requested from EU should be detailed :

1. Staff costs
2. Travel costs
3. Costs of stay
4. Equipment
5. Subcontracting
6. Special mobility strand

Get helped by more experienced partner from program countries



The selection decision is based on:

- the quality of the application
- the budget available
- The geographical balance within a region (number of projects per country)
- Applications were assessed on a scale from 0 to 100.

Selection results: **ANL Med** was considered as Group I

Groups		Number (%)
I	Applications of very good quality (score higher than 75 points out of 100)	135 applications (17,9 %)
II	Applications of good quality (score between 60 and 75 points out of 100)	464 applications (61,4 %)
III	Applications of weak quality (score less than 60 points)	157 applications (20,8%)