

# REFITTING MACHINE

Arduino expert for the recovery of obsolete machines

## The Toolkit

To provide high-quality knowledge and skills needed to modernize existing machinery in order to make them “smart” and more adapted to the nowadays requirements of the manufacturing industry.

## ICT Tool

The tool for Competence Assessment to evaluate the knowledge and starting skills of the educators, identify the needs of the specific target in order to provide them with useful skills so that they can enter the world of work.

## e-Learning Platform

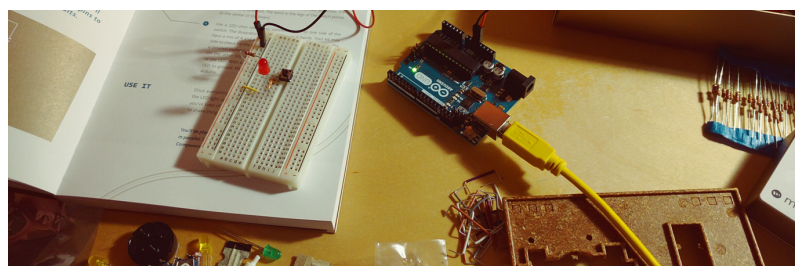
An open education digital platform for the provision of the training material developed throughout the project.



## KICK OFF MEETING HELD IN TRANI

Thanks to the European Union funds the six European countries forming the consortium for this project: Italy, Cyprus, Greece, Spain and two partners from Romania, had the chance to meet at the end of January in person to start working on the project and facing one of its many challenges. After a brief introduction by the Italian coordinator of the project Petit Pas, during this meeting the partners focused their attention in clarifying doubts and concerns related to the project and define all together aims, work phases and deadlines.

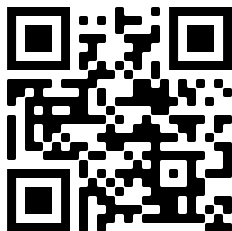
In addition to the work developed, there were moments of sharing and socialization like the visit to the old town and the social dinners where participants had the opportunity to get to know each other favoring an intercultural exchange that is always an added value to the project.



## PROJECT PARTNERS



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## CASE-STUDIES COLLECTED

The work for the REFITTING MACHINE project by all partners is proceeding mainly focusing on the development of the Expert Program Toolkit which in May will see its first version by LUDOR ENGINEERING with the contribution of all partners.

Each partner, based on their area of competence, contributed to the implementation of a section that will make up the toolkit, while all the partners have engaged in the search for two case studies in relation to the success of the modernization of old machinery.

The Expert toolkit will include different topics from design and Engineering of simple parts needed for machinery revamping, 3D printing, open source hardware and software relevant for machinery revamping; to the economic, social and environmental benefits of machinery revamping. The innovative aspects of this Toolkit are related with the fact that it is designed based on the open source phenomenon and makers movement considered as tools for increasing the sustainability, both in environmental and social terms, through extending the lifecycle of countless machinery used in various workshops around Europe.

