

# 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 end users, 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.

**#refittingmachine**

**#arduino**



## “EXPERTS TOOLKIT PROGRAMME” COMPLETED

The partners of “Refitting Machine” project have nearly completed the Intellectual Output1 “Experts Program Toolkit” that consists of training materials on several fields relevant for machinery revamping. Toolkit will provide the skills and knowledge needed to perform activities like designing simple parts for revamping applications, software update, automation upgrade, new hardware addition, etc. Furthermore, information on economic, social and environmental advantages of obsolete machines refitting as well as a collection of 12 case studies have been included.

The training materials are designed for trainers, students, recent graduates in scientific and technological field, people who have lost their jobs and need to update their skills, long-term unemployed and other people that may be interested in machine revamping.

The partners believe that open-source phenomenon and makers movement can contribute to a sustainable growth in Europe, in both environmental and social terms, through extending the lifecycle of countless machineries used in various workshops around Europe. Consequently, the “Experts Program Toolkit” is focusing on open-source software and hardware while promoting a maker mindset.

Please follow our website to get updates on the upcoming release of the “Experts Program Toolkit”.

**PROJECT PARTNERS:**



petit pas



**VISIT OUR WEBSITE FOR MORE NEWS AND UPDATES:**

<https://refittingmachine.eu>



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**WHAT IS MACHINERY REVAMPING?**

Machinery revamping is the method that aims to regenerate or modernize machined and equipment and update their functions. With the use of revamping old machines have the opportunity to become new working machines again. Through a significant type of modification with the use of technology in digitalization, scientists and engineers can bring old machines back to life. Machines that could be more than 20 or even 30 years old are now being reused once again.



**PROJECT DEVELOPMENT UNDER COVID-19 SITUATION**

Despite the COVID-19 situation has altered the opportunity to meet in person during the transnational partnership meetings, the project development is proceeding smoothly and according to the time table.

The 2nd transnational meeting originally planned on June 18-19 in Cyprus took place online due to the evident impossibility of the partners to travel. The project partnership has already met twice online and is actively engaged in further project development and programmed activities.

Stay tuned for the upcoming news about the Experts Programme Toolkit and the ICT Tool for Competence Assessment and the gamified e-learning platform.

