

## Ludor Engineering organized Pilot Experience Days in Romania

Ludor Engineering conducted the *Pilot Experience Days* in Romania, on 17-25 November 2021, in the framework of the project *21st Century Students - Promoting Digital Manufacturing and Design (DM&D) in Schools*. A team of three trainers from Ludor Engineering supported by the headmaster and teachers from "Elena Cuza" Gymnasium School (Iasi) made this event an unforgettable experience for the 30 students involved.

The 12-13 years old students pilot tested some learning resources related to digital manufacturing and manufacturing automation, part of the *Learner Academy*, the first intellectual output of the project. They had the opportunity to find out interesting information about robots, computer-controlled machines, lasers, 3D printers and so on. Also, the students learnt about the advanced technologies that are changing the manufacturing sector, such as Internet of Things or Artificial Intelligence, and about their effect on the future jobs. The participants understood that they will probably have new jobs that don't yet exist and they need to become ready for the digital-driven world of work.

The information was presented in an easy-to-understand manner, adapted to the young age of the participants. The event was interactive, alternating trainer-led presentations with hands-on learning experiences, practical activities and use of technology-based digital manufacturing tools such as 3D printers.

In addition to learning new things, the students provided valuable feedback for the *21st Century Students* project partnership. The partners monitored the levels of satisfaction and the impact of participation in "Experience days" on the students' skills and knowledge in the field of digital manufacturing and design as well as on their interest in STEM (Science, Technology, Engineering and Mathematics) objects. Also, the partners collected information regarding any content or technology refinements required for the learning resources.

In conclusion, the *Pilot Experience Days* was a very interesting and useful event for both students and project partners. The students know more about their future while the *21st Century Students* project partners received valuable feedback that will help making the project outputs more relevant and



21 <sup>st</sup> century students	Version: Final
Title of the document: Press Release – Dec '21	Issue Date: 01/12/2021





Co-funded by the  
Erasmus+ Programme  
of the European Union

