4.0 ANDCOM NEWSLETTER

4.0 didactic approaches in duty of developing ANDragog's COMpetences

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Welcome to the fourth 4.0 ANDCOM Newsletter

The project **"4.0 didactic approaches in duty of developing ANDragog's COMpetences"** is in its final phase where the testing with final users and planning the subsequent Multiplier Events are being the core activities. The project aims at introducing a new approach for the education of low-skilled and low qualified adults in the field of the Industry 4.0. Having started in October 2019, the project has been extended for 6 months due to the delay in some tasks caused by the difficulties created by the COVID restrictions.

The **seven m-learning courses for Andragogs** are already available in the **tool "Industry 4.0 in teaching low-skilled adults"**

M1. Internet of things, in the context of pedagogical use in adult teaching.

M2. Additive manufacturing, as an object of adult didactics.

M3. Augmented reality, as a real alternative to analog didactic materials.

M4. Robotics, which does not have to be difficult.

M5. Cybersecurity, as basic necessity of every learning process.

M6. Cloud computing, as the future for managing and storing data.

M7. Artificial Intelligence, which can gear up adult education and future

Testing the m-learning modules and videos with target groups

During the last months, one of the main project activities has been testing the modules and videos with the target groups. For the modules piloting, 70 Andragogs (10 from each one the project countries: Poland, Greece, Romania, Austria, Lithuania, Portugal and Spain) were asked to give their feedback. We are happy that the quality of the modules was highlighted in all countries. In turn, 70 Andragogs and 140 learners participated in piloting of the videos. Again, we received positive feedback in terms of length, information included and clarity of the topic.

FEEDBACK

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Partnership meeting in Lisbon

After several months of on-line meetings, finally the partnership could meet again last September in Portugal.

Mindshift hosted the meeting where partners discussed about the work done with special focus on the testing phase of the modules and videos and the possible modifications after the testing. Fortunately, all partners could attend the meeting which was both productive and enjoyable.

LTTA in Tarragona

Last 9 to 11th November the URV hosted a Learning, Teaching, and Training Activity (LTTA) in Tarragona (Spain). This event was planned to be hosted by Ludor in Romania in June 2021, but again, the COVID restrictions changed our plans.
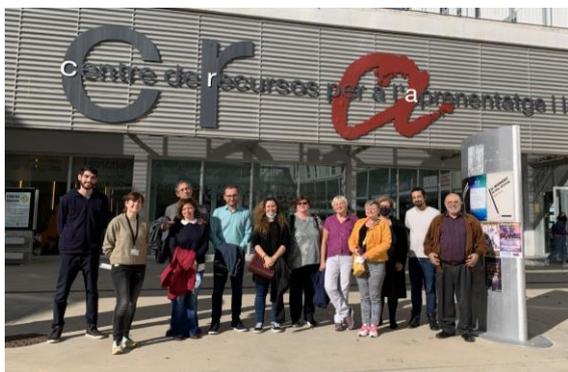
During the LTTA all Andcom partners worked together to get a complete overview of the use of the tools developed in the project and together tested to provoke further suggestions on questions that may be asked by Andragogs participating in the planned Multiplier Events.

Summary of the main activities of the LTTA:

Day 1: Training on the m-learning solution, led by CWEP, all partners presented their modules, including recommendations. Conclusions from the modules piloting with feedback on introducing improvements to the modules.

Day 2: Training on the video guidance solution, led by ISON, all partners shared their opinions on how to instruct Andragogs on the use of digital resources and recommendations for incorporating the digital results in a classroom of low-skilled adults. Conclusions from the videos piloting with feedback on introducing improvements to the videos.

Day 3: Lecture on using the potential of Industry 4.0 in different industries, how it is used in education, and how to capture attention and motivate with the Industry 4.0 solutions. Session for self-exploring resources and equipment.

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