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Strategic Partnerships for vocational
education and training

ROBOT@3DP PROJECT

NEW TRAINING RESOURCES FOR THE
CHANGE OF THE INDUSTRIAL PARADIGM



2nd transnational project meeting (online)

On December 3, 2020, the 2nd transnational project meeting was held in virtual due to covid. It should be organized in Bucharest but it has developed online using Microsoft Teams tool. During the TPM, that was very interesting, were presented the work done to date by all the partners, the financial situation and the covid scenario. It was also discussed how to apply extra activities in the Outputs to be able to move mobility items to IOs. The C1 training was planned for the end of January 2021, the work of the IOs was deepened, generating a strong push for them and the next TPM was established for the beginning of March 2021.



C1 training

On January 27, 28 and 29, 2021, within the framework of the Erasmus+ ROBOT@3DP project, partners held virtual training sessions of more than 5 hours a day, focused on the application of Industry 4.0 in professional training centers of All Europe. During the 3 days, topics such as the design and 3D modeling of parts aimed at their manufacture in 3D Printing were presented, addressing the personalized development of supports on the parts. Training regarding the use and maintenance of 3D printers, their use, as well as the solution of the main problems that appear in manufacturing were also faced. The training was attended by two international Fablabs, one from Italy (STARTSMART) and the other from Romania (SPOTDE-SIGN). In later days AIJU delved into the application of Industry 4.0 within the sector of mold design and plastic transformation, showing simple applications that can be developed using low-cost plates such as ARDUINO, ESP32 or FPGAS that capture information from the machinery and store the data. data in Excel sheets in the cloud and its subsequent analysis and visualization using systems such as PowerBI. During the 3 days, the knowledge acquired by the students was evaluated, rewarding the best students with 2 prizes of € 200 in AMAZON gift vouchers. The winning students were from the Don Bosco Vocational Training Center (Errenteria - San Sebastian) and the Krsko Vet Center (Slovenia).

New incoming

Around Easter, the 2nd virtual C2 training event will be scheduled, with the participation of new students from the DON BOSCO and SC KRSKO vet centers. The ROBOT@3DP project updates the content developed on its website and will soon make a training platform available to users where the knowledge covered in the project can be acquired. Until June, the partners will actively collaborate in the development and completion of the OUTPUTS, finalizing training scenarios in 3D Printing, robotics and industry 4.0.

Spanish SMEs

TALLERES TIBI and TALLERES BERZOSA actively participate in the project, providing it with content and applied designs that allow the professional training centers to feed on the experience of the industry as a key element for the training of their students.

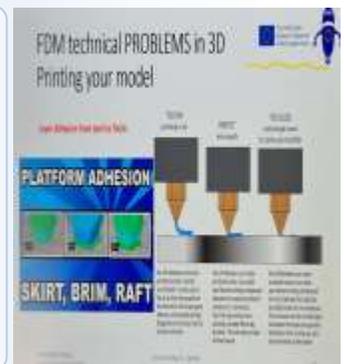
Follow and contact us

You can follow our activities on the official project website: <http://www.robot3dp.eu/>

Or the official project social media:

-  <https://www.facebook.com/robot3dp/>
-  [@ROBOT3DPPROJEC1](https://twitter.com/ROBOT3DPPROJEC1)
-  [robot3dpproject](https://www.instagram.com/robot3dpproject)
-  [YouTube ROBOT@3DP Channel](https://www.youtube.com/channel/UC...)

To contact us by email: natxosegui@aiju.es



3rd transnational project meeting (again online)

On March 5, 2021, following the covid planning outlined, was held the 3rd TPM, which should be hosted in Lecce. During it, was verified that IOs work is well advanced, additional scenarios have a degree of excellence well above expectations, partners are working as a team and with high quality. More than 60 videos have been created with the scenarios, more than 70 scenarios of design, robotic and industry 4.0 demonstrators have been created. In the coming months, the completion of the same and their formatting to the platform will be worked on. EURONET has programmed a dissemination plan that will make it possible to achieve the objectives set.

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