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## 3rd Newsletter

April 2023

We are delighted to update you on the progress of our project, which aims to connect higher education institutions, teachers, students, companies and business centers to meet the challenges of Industry 5.0 through the use of artificial intelligence. Our latest newsletter highlights the work we did during the first phase, including field research, desk research and the creation of the case study notebook.

The first aspect of our work involved direct communication with companies and business centers to identify existing and emerging Industry 5.0 issues, particularly after the onset of the COVID-19 crisis. Each partner was tasked with collecting 30 responses to a questionnaire designed by P4-ATLANTIS, which also compiled the reports. The other partners, including P1-ECAM, P2-NURE, P3-ATERMON, P5-HESO and P6-KTU, validated the questionnaire and helped to translate it, send it to the target groups concerned and prepare the reports for conclusion.

Then, we conducted a literature search to identify examples and good practices of startups or companies from leading countries in Industry 4.0/5.0 in terms of using AI. P5-HESO led this effort by preparing the national reporting template and compiling the reports. The other partners, including P1-ECAM, P2-NURE, P3-ATERMON, P4-ATLANTIS and P6-KTU, validated the questionnaire and helped conduct the research and prepare the national reports.

## Identification of specific AI technologies to cope to the problems of Industry 4.0/5.0:

Based on our field research and desk research, discussed above, we have identified specific AI technologies that could enable innovative resilient applications for Industry 4.0/5.0 issues. We used these challenges to define case studies that teachers and students could draw on during the training program. We have developed 12 case studies, each including a context, an issue/need, a state of the art and opportunities in Industry 4.0/5.0 that can be solved using AI/ICT. P2-NURE led the development of the case study template and compiled the 12 case studies, with each partner developing two case studies.

## Transnational meeting in Rotterdam, the Netherlands:

Atermon, start-up focusing on intelligent uses of Game-Based Learning and Web 3.0 technologies, will host the 3rd transnational meeting of the project in Rotterdam on May 17, 2023. of the next event includes presentations of current results, such as the development of the Manual on the organization of international seminars, the transcription of content, the design and implementation of JoInME Personal Assistant and the development of the JoInME skills retention service.



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