JoInME

"EXISTING AND EMERGING ISSUES OF INDUSTRY 4.0/5.0"

JOINME PROJECT SURVEY RESULTS

About JoinME

JoInME consortium carried out field research in six European countries (Cyprus, France, Greece, Netherlands, Lithuania, and Ukraine) collecting 30 answers in each country from companies and business centers that could benefit from the use of AI applications or are already using some of them and need to be updated with new technologies.

Surveyed European companies are positive towards the use of new technologies, especially during challenging circumstances, such as COVID19 pandemic. Companies that were already using advanced applications, stated their satisfaction with them. Possible areas that could have been affected positively are:

- Quality Control
- Production Process
- Management
- Logistics/Transfer of goods
- Asset Managements
- Calculating customers' demands

According to our survey, the most common Industry 4.0/5.0 technologies used by companies in Europe are: Cameras, Smart notifications systems, and Smart sensors. Also important: Robotics, Asset Management, Automated software solutions.

The challenges the companies in Europe are facing when it comes to adopt new technologies and innovative solutions related to Industry 4.0/5.0 are:

- Training of the personnel
- Investment budget
- Hardware/Software
- Operational activities/ Production Line (mostly for Manufacturing companies)

The most common problems European industries are facing are:

- Quality Control
- Mistakes due to the human factor
- Logistics/ Transfer of goods/ Supply chain management
- Mishandling equipment/ Asset Management
- Production Process

The research took place as a part of the JoInME Erasmus+ Project in an attempt to inspire the young students of EU to come up with innovative start-up company ideas.

The questions aim to investigate which AI related problems still exist in the industry and need to be solved with the use of Industry 5.0 technologies. The research is directed towards the Industry 4.0/5.0 techniques that are unable to provide with sustainable and future proof solutions especially during and after the COVID-19 crisis. The results of this survey will be helpful for the Case Study Workbook that will be developed later in the project's life.