# EU-Japan.AI

Manufacturing Workers Attitudes to AI:
Survey results and comparisons between EU & Japan

## OBJECTIVES

To begin to fill in the gap in the empirical literature by conducting a multi-country survey on knowledge about and attitudes towards AI in manufacturing, and the potential consequences on their jobs and careers, of non-managerial workers.

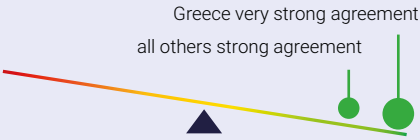
These questions (and Likert scale answers) were translated by members of the project team into **English, German, Greek, Japanese, Slovenian, and Spanish.**

| Country | Total | Male | Female |
|---|---|---|---|
| **German-speaking** | 200 | 72% (145) | 28% (55) |
| **Greece** | 109 | 64% (70) | 36% (39) |
| **Japan** | 222 | 50% (110) | 50% (112) |
| **Slovenia** | 307 | 60% (183) | 40% (124) |
| **Spain** | 121 | 64% (77) | 36% (44) |
| **UK** | 123 | 63% (78) | 37% (45) |
| **Total** | **1082** | **61% (663)** | **39% (419)** |

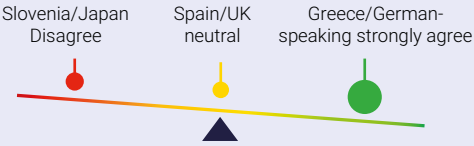
**The survey gathered the following data:**

- Demographics
- Gender
- Age
- Country of Residence
- Country of Citizenship
- Work Type
- How long have you worked at your current employer?
- How long have you been in your current job?
- How long do you expect to remain in your current job?
- How long do you expect to remain with your current employer?

**It is important that humans have final control when AI technology is used in manufacturing.**




**I have experience with the use of AI related to my job.**



# PROJECT **BACKGROUND**

Artificial Intelligence (AI) technology is already having a great impact in many areas, especially the manufacturing sector. The integration of AI with advanced manufacturing technologies and systems makes it possible to exploit the full potential in the manufacturing industry by achieving a higher level of adaptability, efficiency and robustness. In order to widely deploy these technologies, special attention is given to international cooperation and exchange of knowledge.

EU-Japan.AI project aims to establish and stimulate a long-term cooperation between EU and Japan in areas relevant for AI-driven innovation in manufacturing and digital industry, by implementing a platform-based approach to connect all the relevant stakeholders and by promoting them using modern, online-driven awareness approaches.

# PROJECT **OBJECTIVES**

**INVOLVE** the manufacturing sector and relevant stakeholder groups at European and Japanese level through an innovative online-offline approach.

**ANALYSE** the existing AI application for manufacturing ecosystems including former projects, ethical, social and legal issues, and pan-European and Japanese initiatives.

**DEVELOP** tools, content, showcase materials, and elaborate a multidimensional matchmaking framework based on a long-term strategic cooperation plan.

**PROVIDE** a modern, open, web-based platform consisting of content-rich awareness channels to generate high visibility and findability.

**BOOST** the awareness on the project outcomes and especially of the provided online platform which will promote the cooperation effect between EU and Japan.

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## PROJECT FACTS

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01/2021 to 10/2022

**Programme**
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CSA - Coordination & Support Action

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**Coordinator**
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