



AI is a general-purpose technology that will affect an entire global economy and security environment. Therefore the EU rightfully put AI at the heart of its overall digital strategy. Making AI as a strategic priority is essential for the Union to play an important role in the global digital race.

Apart from the comments given in the survey form, we would like to point out a few issues that should become the subject of further discussions.

1. AI debate must cover:

- analysis of the status quo in the area of Artificial Intelligence-based patents. AI-related mathematical methods should remain excluded from patentability. This is a precondition for the development of innovation and academic research – essential for AI development;
- the need for implementing corrective measures that will help to enhance the functioning of the AI-related systems;
- the need to put more effort into the algorithms explainability;
- further development and usage of already existing technological infrastructures, mainly computing power capabilities;
- strategy to promote the EU AI-related approach, values, solutions to influence global standards, and decisions regarding AI. The EU must also start the process of harmonizing its efforts (including in the R&D area) with like-minded partners. AI development must be also included on the agenda of EU cyber diplomacy;
- different aspects of AI and security nexus e.g. issues concerning data and algorithms manipulation, AI usage to manipulate public perceptions.

2. AI development is tightly integrated with the process of implementing the EU Data Strategy and an Industrial Strategy therefore debates on those issues must be harmonized. Additionally, environmental aspects ought to be a part of the discussions.

3. AI debate should not be limited only to question how to design technologies, but what are the strategic goals that the Union wants to achieve with AI development. AI will determine economic successes and security stability. The decision-makers should think about the priorities where AI development will be crucial and leverage those developments. Those key areas should be particularly supported.

4. The debate on AI must be seen as a multistakeholder and interdisciplinary process and must include all respective sectors.

Answers and comments prepared by the AGH Cybersecurity Center team:

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