Nordic Perspectives on Artificial Intelligence

13th October 2023
Oslo

Draft Conclusions

At the initiative of the Nordic national groups in The Trilateral Committee, some 100 representatives from IT- and Tech-companies, public authorities and research institutions in Finland, Denmark, Sweden and Norway met in Oslo on 12-13 October 2023 to discuss how to exchange perspectives and leave distinct Nordic fingerprints on Artificial Intelligence.

The informal seminar was kindly hosted by University of Oslo at dScience – Centre for Computational and Data Science, University of Oslo

Main findings

1. There are clear visions and distinct positions regarding the development and utilisation of Artificial Intelligence in the Nordic countries. **However, there is a pressing need to strengthen the European stance on this matter, spanning from fundamental AI research to the application of AI solutions in tackling societal challenges and achieving shared objectives.**

2. **We should position Nordic AI-initiatives in Europe better and take common initiatives** with respect to the implementation of the risk based AI Act and the making of wise regulations and standards, hereunder be frontrunners in developing and positioning **trustworthy AI-solutions**.

3. **The key challenges** in the realm of AI in the coming years is to **implement domain knowledge into the AI-solutions and secure that the learning processes in AI is based on high quality data.**

4. **AI itself must become greener**, e.g., become more energy efficient and save materials, particularly rare minerals.

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Participants also highlighted the need for:

- Joint investments in and more coordination of the development of **large language models (LLM) for Nordic languages**, including giving these initiatives access to common green computer power
- **Maximizing weather-dependent renewable energy into the energy mix** – a challenge where AI will play a crucial role and where the Nordic countries can be international frontrunners in the energy transition
- **Better medical treatments of patients, higher patient security and increased resource efficiency in healthcare** – an area where AI are playing and will play an important role and where the Nordic countries have particularly good conditions for success, e.g. due to access to **high quality health data.**

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Follow up from the Oslo meeting:

- The Danish Ministry of Digital Government and Gender Equality will invite other Nordic Authorities, as well as stakeholders in LLMs for a follow up meeting with the purpose of exploring deeper Nordic collaboration building on existing initiatives
- Sweden will organise a third Nordic Perspectives Leadership Summit on **Quantum Computing** to be held, tentatively, in Gotenburg, Oct. 2024.
- Finland will consider the option of a follow-up summit in 2025.