

Danish National Strategy for Artificial Intelligence

Denmark is to be a front-runner in responsible development and use of artificial intelligence – benefitting individuals, businesses and society as a whole

The government aims to create growth, prosperity and world class public service by ensuring responsible development and use of artificial intelligence. The focus of the strategy is on businesses', researchers' and public authorities' accountability and creating the conditions for realising the potential of artificial intelligence in the sectors where Denmark already enjoys an international leading position.

- The government puts forth four objectives for the Danish development and use of artificial intelligence:

- 1. Denmark must have a common ethical human-centric foundation for artificial intelligence**
- 2. Danish research shall focus on the development of artificial intelligence**
- 3. Danish businesses shall grow by developing and using artificial intelligence**
- 4. The public sector shall offer world class digital services using artificial intelligence**

- The government will focus efforts within four areas ensuring 1) a responsible foundation for artificial intelligence, 2) more and better data for the development of new solutions using artificial intelligence, 3) strong competences and new knowledge and 4) increased investments in artificial intelligence
- The government has allocated DKK 60 million (EUR 8 mio.) to new initiatives. Furthermore, the government's ambition is to allocate DKK 200 million (EUR 26.8 million) in order to set up an investment fund with the municipalities and regions for testing and disseminating new technologies and digital welfare solutions in municipalities and regions. DKK 295 million (EUR 39.5 million) has also been allocated for research in new technological opportunities and digital technologies
- There are 24 specific initiatives in the strategy covering both the public and private sector.

Central initiatives in the strategy



Principles for responsible development and use of artificial intelligence

The development and use of artificial intelligence. These principles will be supplemented with initiatives to strengthen cyber security, creating legal clarity as well as ensuring responsible and transparent use of artificial intelligence in the public sector.



Common Danish language resource

A common Danish language resource will be established to support and accelerate the development of language-technology solutions in Danish. The language resource will be freely available, enabling suppliers to build on existing knowledge to create new solutions within voice recognition and language understanding to benefit citizens, authorities and businesses.



More open public-sector data for artificial intelligence

In collaboration with businesses and research communities, the government will identify five public-sector datasets during 2020 and 2021, which can be made available for businesses, researchers and public authorities and contribute to the development of artificial intelligence. The datasets will not contain personal data, but rather environment and climate data from the transportation sector.



Signature projects in the public sector

There is a lack of experience in use of artificial intelligence in the public sector. Therefore, the government will launch a number of signature projects within health, the social and employment areas, and cross-sector case processing.



Stronger investment in Danish businesses

It is proposed to launch a pilot project in the form of an investment pool of DKK 20 million (EUR 3.1 million) over four years targeting at companies with a business model based on artificial intelligence. The prerequisite for this is a 50 percent financing from the private sector amounting to a total investment pool of DKK 40 million (EUR 6.2 million). The fund will be managed by the Danish Growth Fund.