



**SUOMI
FINLAND**

ARTIFICIAL INTELLIGENCE

**Finland creates and applies
new artificial intelligence innovations**



Artificial Intelligence will bring disruptive transformations to all societies in the very near future

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Artificial intelligence creates new opportunities and necessitates new solutions. AI is expected to revolutionise transport, industry, healthcare and working life. Within the next few years, the field will become divided into leaders and followers. Finland possesses a critical mass of excellence and expertise, as well as the necessary experimental attitude.

This makes it possible to:

- 1. Position** the Finnish ecosystem as a leading AI ecosystem.
- 2. Highlight** the qualities that make Finnish research and companies the best for collaborative projects.
- 3. Profile** Finland as an AI innovator and utiliser.



THE STORY: **Artificial Intelligence**

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AI is not exactly new – it has formed part of various studies and applications since as far back as the 1950s. **Finland has contributed to the development of AI technologies and expertise from the very start.** Finland has **progressive legislation** when it comes to promoting data access and sharing, so the data access necessary for AI is available. Finland's administration also helps secure relevant data access rights for businesses utilising AI.

Finland is small enough that utilising AI can result in a significant impact, but large enough to possess the critical mass to create an ecosystem able to reap the benefits of growth. According to Finland's recently published AI agenda, the aim is to fulfil the potential for AI-led economic growth. The **most promising areas are related to transport; mobility as a service (MaaS); and the healthcare industry.** To bridge the gap between AI research and AI products, the **Finnish Center for Artificial Intelligence** in Helsinki combines fundamental research with application, functioning as an ecosystem where researchers, students, companies and the public sector can interact.

Within deep tech, AI is seen as the area where Europe is best positioned to gain world-leading status. **The Finnish startup ecosystem is one of the most attractive in Europe:** Finland is known for its world-class gaming industry, research-based deep tech, and initiatives such as the major startup event Slush and the Nordic countries' biggest startup hub, Maria 01. Finnish startups and early-stage growth companies raised over €349 million in funding in 2017, setting a new record.

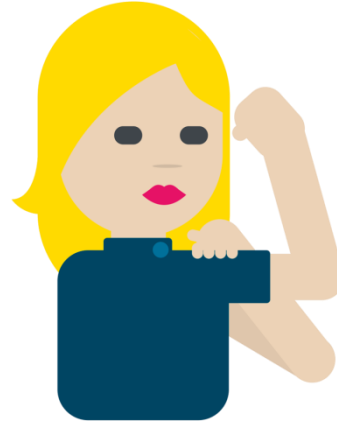
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Message map: Artificial intelligence

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Finland has been an early adaptor in AI research and development. Finland has an AI agenda and an active public-private partnership to support it.



FINLAND CREATES AND APPLIES NEW ARTIFICIAL INTELLIGENCE INNOVATIONS

Finland is driving the revolution by developing smart solutions for the new mobility ecosystem. From mobility as a service (MaaS) to autonomous driving, we already have many solutions and services up and running.



An advanced country of 5.5 million can cultivate and test solutions to the challenges many societies face.

Finland offers a free online course in AI to anyone, anywhere. The course is for people interested in learning about what AI is and how it affects our lives:
www.elementsofai.com



KEY WEBSITES

[Finnish Center for Artificial Intelligence](#)

[AI Finland](#)

[Online Course: Elements of AI](#)

[Artificial Intelligence Programme \(Ministry of Economic Affairs and Employment\)](#)

PUBLICATIONS

[Finland's Age of Artificial Intelligence, working group report \(2017\) \(PDF\)](#)

[Work in the age of artificial intelligence: Four perspectives on the economy, employment, skills and ethics \(2018\) \(PDF\)](#)

[Key issues paper for discussion on new approaches to digitalisation and artificial intelligence \(2017\) \(PDF\)](#)

PRESENTATIONS

Toolbox: [Finland as the Leader of Digitalisation \(PDF/PPT\)](#)

VIDEOS

Toolbox: [World Ideas in Health \(MP4\)](#)

ARTICLES

[Finland is making the most of artificial intelligence \(ThisisFINLAND.fi\)](#)

[Combining Finnish educational expertise and artificial intelligence \(ThisisFINLAND.fi\)](#)

[Choosing the features of the future in Finland \(ThisisFINLAND.fi\)](#)

[Smart people build smart machines in Finland \(ThisisFINLAND.fi\)](#)

[Artificial Intelligence on Good News from Finland](#)

EXPERTS

Mika Klemettinen, Director, digitalisation / BF / mika.klemettinen@businessfinland.fi

Outi Keski-Äijö, Program Manager, AI Business / BF / outi.keski-aijo@businessfinland.fi

Maikki Sipinen, AI Finland Programme / MEAE / maikki.sipinen@tem.fi

Teemu Roos, Associate Professor / University of Helsinki / teemu.roos@helsinki.fi