



AI Monday 27.11.2023

TIF and Centennial Foundation 13,2 M€

investment in AI acceleration

Matti Mannonen

Why?

1. Fastest developing technology, applicable for every business and industry sector.
2. Competitiveness, efficiency, R&D, disruption.
3. Acceleration, especially in SMEs.
4. Cooperation, peer learning, ecosystem, joint development.
5. More world class talent and resources to applied research.
6. Catalyzer.
7. FCAI, Lumi, technology companies.

Photo: IQM





3,8 M€
INVESTMENT IN
RECRUITMENTS
OF
INTERNATIONAL AI
PROFESSIONALS



2,8 M€
INVESTMENT
IN **SEED**
FUNDING OF
AI
DEVELOPMENT
PROJECTS IN
COMPANIES.



2,4 M€
INVESTMENT IN
120
SCHOLARSHIPS
TO AI MASTER
THESES IN
COMPANIES.



1 M€
INVESTMENT IN
ESTABLISHMENT
AND OPERATION
OF BUSINESS
DRIVEN AI
FINLAND
NETWORK.



3,2 M€
CENTENNIAL
FOUNDATION
GRANT TO
AALTO
HOUSE OF
AI.

Acceleration of AI development and deployment



Seed funding of AI development and deployment projects 2,8 M€

- Max. 15 % support to small / medium scale AI development and deployment projects carried out by companies or consortiums. Maximum support per project is 50 t€.

120 scholarships to Master Theses 2,4 M€

- Master Theses related to AI development projects carried out by TIF member companies, catalysing and speeding up the development of AI in especially SME's.

Establishment of AI Finland and operation of the core team 1 M€

- Recruitment of core team that establishes and operates AI Finland for 2-3 years.
- A business-driven network that supports members in joint development and deployment of AI. Shared learnings, data, technology and

Strengthening AI applied research and education



- 3,8 M€ investment by TIF in five years to the recruitment of new world-class/next-generation **international AI researchers and research professors** in Finland.
- TIF finances 50 % of the employment cost of each recruited new AI researcher. Company / consortium of TIF member companies and a Finnish university finance 25 % each. Researchers can have dual employment in industry and in university.
- Research focus of recruitees shall be in industry applications.
- Companies choose their university partner and research focus area. All Finnish universities that carry out AI research are eligible partners for companies.
- Each application shall include key performance indicators that will be measured and reported back to TIF annually.

FCAI

**Finnish
Center for
Artificial
Intelligence**

The logo for Aalto University, featuring a stylized white letter 'A' with a double quote mark to its upper right.

Aalto University



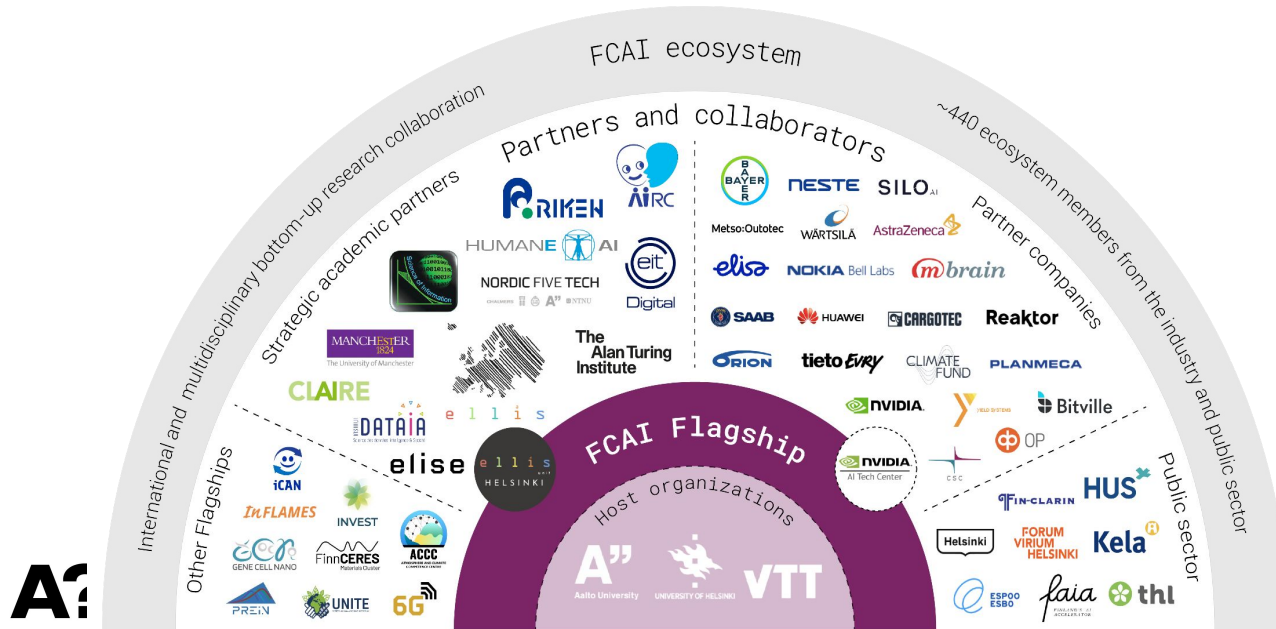
UNIVERSITY OF HELSINKI

The logo for VTT, consisting of the letters 'VTT' in a bold, white, sans-serif font.

fcai.fi

FCAI: Joining forces in Finland

- In total 70 professors and their groups involved
- Finland's AI hub and Research Council of Finland Flagship for 2019–26
- Built on the long track record of pioneering machine learning research



FCAI in numbers (2019–2022)

- 2550 peer-reviewed publications
- 65 % of publications in internat. collaboration
- 11 % of publications with industry
- 22% share of highly cited publications
- 26 % of funding in projects having company collaboration
- 100+ PhD and 800 Master's degrees, with 100+ companies

Upcoming FCAI Events

- **AIX Forum: Inverse Problems**
 - November 29 @ Chemicum, University of Helsinki
- **AI in Research and Development**, organized by Forum for Intelligent Machines FIMA and FCAI
 - December 1 in Tampere
- **AIX Forum: Medical Image Analysis**
 - January 23, 2024 @ Dipoli, Aalto University

fcai.fi/events

Recent FCAI events

- **AI Day** (8.11.2023)
- **AIX Forum: Future Mobility and Robotics Applications Seminar** (17.11.2023)
- **Industry and Society Webinar: AI & Cybersecurity** (20.11.2023)
- **Aurora AI – visio arjesta** (20.11.2023)
- **AIX Forum: AI and Quantum Computing** (22.11.2023)
- **Machine Learning Coffee Seminars on YouTube**
 - <https://is.gd/MLCSFCAI>

fcai.fi/events



Co-funded by
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FAIR
Finnish AI Region | EDIH

Finnish AI Region EDIH

FAIR is one of the 151 European Digital Innovation Hubs, four of them being in Finland. Total funding 7,5B€.

Focus on accelerating the adoption of AI in SME's.

Expertise also in XR, high performance computing and cyber security.

Smart city, Health, Digital Service industries.

www.fairedih.fi



Skills & training



Research, development & experimentation



Funding and financials



Ecosystem and networking

