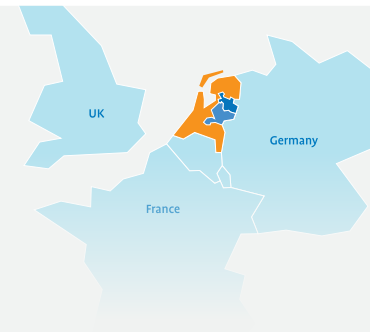




Artificial Intelligence

Artificial Intelligence (AI) in East Netherlands

A great deal of knowledge in the field of artificial intelligence is present in East Netherlands. Several universities in the region are doing research on the subject and are training AI talents. Higher and intermediate vocational education on studies apply some of this AI-knowledge in practice at businesses in the region.



AI possibilities

AI is already deployed in various application areas:



Food: data from smart sensors enables AI to minimize water wastage and overfertilization



Health: by analysing thousands of scanned images, diseases can be detected early on by AI



Industry: based on production processing data, AI can predict which machines are in need of maintenance



Energy: AI allows us to develop smart grids that can control variable supply and use of energy from sustainable sources like solar panels



Companies
SciSports, Thales, Demcon, Nexperia, Allego, Flitsmeister, Moba, Nedap, Blueconic, ON2IT, amongst many others.

AI business network East Netherlands

> **100 companies**



Knowledge network

Radboud University & Radboudumc

Fields: Machine & Deep Learning, AI for health, e.g. neural networks, medical imaging
Facilities: 2 ICAI laboratories (Innovation Center for AI)

Wageningen University & Research

Fields: Smart Farming & Dairy, AI for agro food & agro food robotics
Facilities: WDCC Wageningen Data Competence Center

One Planet Research Center

Fields: AI for food, health & healthy human
University of Twente
Hardware for AI / AI for hardware

Fields: Health Technology, Smart Industry/ Robotics, Energy Systems

Facilities: DSI Digital Society Institute

HAN University of Applied Sciences
5 Lectorates

Fields: Data Science, AI, Analytics, Automotive vehicles, Digital Twin, Smart Grids & Industry, Bio Computer Science

Saxion University of Applied Sciences

Lectorate Ambient Intelligence & Mechatronica
Fields: AI Vision, Drones, Robotics

FPC Fraunhofer Project Center

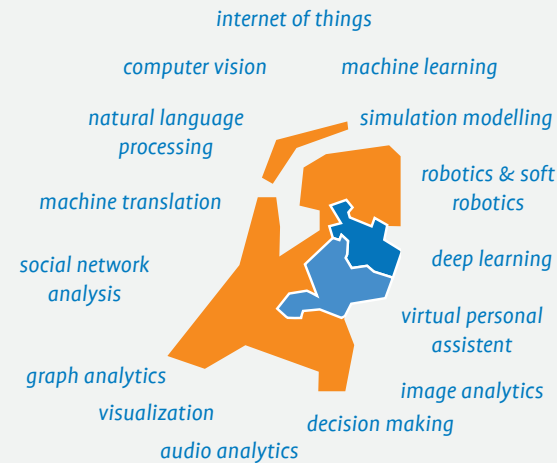
Field: AI in production

Windsheim University of Applied Sciences

Fields: ICT in healthcare, Blockchain, Robotics



AI technologies



Ai HUB East Netherlands

350+ businesses who are actively working on AI applications around important themes.

65 AI-related startups that arise from one of the knowledge institutions.



Find out more about Ai HUB East Netherlands

What is AI?

AI stands for artificial intelligence that enables machines, software and appliances to solve problems independently. In a way they imitate the human intellectual powers.

If your company is active in the artificial intelligence, East Netherlands is the place to be.

One Planet Research Center

Collaboration between imec and the Dutch universities Radboud University, Wageningen University & Research (WUR) and Radboudumc focuses on the development of sustainable technologies for food, health and agriculture.

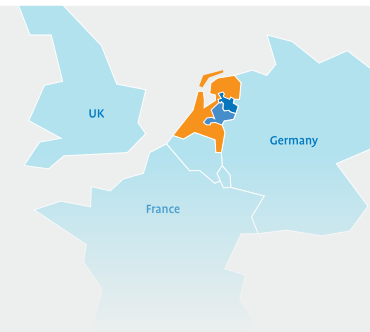
“We have been chosen by our Dutch partners because of our world leading position in nano- and chip technology. In return, for imec, the opportunity lies in collaborating with one of the world’s most highly regarded agricultural universities and extending our sensor technology activities into the domains of agriculture and horticulture. In addition, we want to develop new solutions for a better and more efficient healthcare – together with Radboudumc”.

John Baekelmans, managing director of imec the Netherlands



Artificial Intelligence

Oost NL has successfully supported over 1,000 companies from all over the world



Top talent

The region has leading entrepreneurial academic research centers: Wageningen University & Research (Food Research), Radboud University & Medical Center, Nijmegen (Life Sciences & Health) & University of Twente Enschede (Medtech & Technical Medicine). The Universities and Applied Science Institutes in the Netherlands strongly support relevant scientific studies that are closely linked to this growing market.

Number of students, East Netherlands

48,000

research university students

93,000

university of applied sciences students



106,000

students in vocational education

source: CBS, 2020/2021

Due to its position in Europe, the East Netherlands attracts many international students and researchers. Hosting three international schools, the region offers a quality setting for international talent workers and their families.



Funding

Innovation in Tech is one of the funding priorities within the European Union (EU). These funds are also an important vehicle to connect our Tech ecosystem to other important hot spots in Europe. The EU has made significant investments in Tech in recent years.

95.5 billion budget for cooperation in R&D through EU Horizon 2021-2027 program



As a partner of the Dutch and EU governments, Oost NL is a qualified intermediary in helping you to access EU, national and regional funding.

255 million regional participation fund



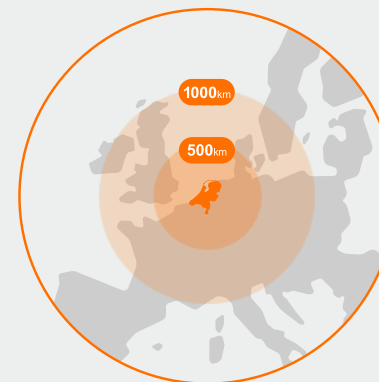
100 million innovation grants & incentives



Market access

The Netherlands is a gateway to European markets, with an open market approach, business-friendly fiscal climate, and a multilingual workforce.

95% of Europe's most lucrative consumer markets are just around the corner



- 244 million consumers within 2-3 days by road
- 170 million consumers within 1-2 days by road



6 International airports in 1.5 hour drive

Oost NL - Your support for success in business

Oost NL is the economic development agency for East Netherlands.

Invest in Holland

Oost NL works closely together with partners in the Invest In Holland network. Our main partner is the Netherlands Foreign Investment Agency.

We have access to resources - funding, network of business and research partners- to help you succeed in establishing and growing your European business.

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East Netherlands Development Agency

