AI-hub Brainport

BRAINPORT EINDHOVEN

Netherlands

BRAINPORT

AI FOCUS SECTORS

Industry

Brainport is globally renowned for its unique ability to develop and manufacture products and components of low volume and high-complexity. By integrating AI in systems, Brainport will pave the way for continuous development of advanced manufacturing technologies.

Mobility

Brainport is leading the world in mobility. AI technology enables the transition to autonomous, automated and connected vehicles of tomorrow. The ultimate goal: zero emissions, zero traffic jams and zero deaths.

MedTech

Brainport excels in combining the expertise of clinicians, academics and engineers and in developing from the perspective of, and with, end-users. Merging AI and medical technology helps to identify faster, diagnose better and treat smarter.

AI has the potential to have a positive impact on **79%** of the SDG's
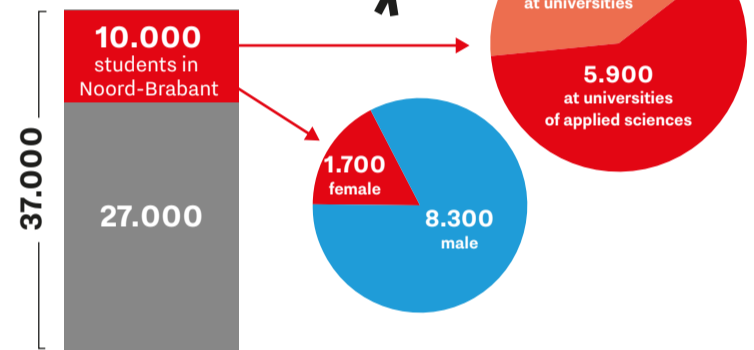
FACTS & FIGURES

AI-related job creation
2 million
net-new jobs in 2025

> 1.000
international partnerships

AI & data science students in the Netherlands (2019)

10.000 students in Noord-Brabant

37.000

27.000

4.100 at universities

5.900 at universities of applied sciences
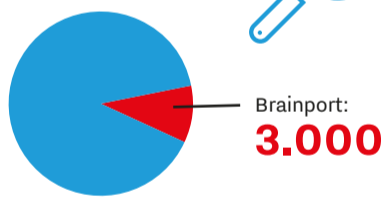
1.700 female

8.300 male

>500 regional SMEs and multinationals develop and apply AI

TU/e **2nd** in global list of collaborative publications with industry

30.000
AI vacancies in the Netherlands

Brainport: **3.000**

Private R&D investment
€2,4 billion
€175 million in AI (7%)

Prognosis 2027:
€500 million

R&D researchers in Brabant:
20.000
1.100 specialized in data science and AI

Prognosis 2027:
1.900

CAMPUSES

TU/e - EAISI

The Eindhoven AI Systems Institute combines all AI activities of TU/e. Top researchers work together with industry partners to create new AI applications, focusing on innovations in the areas of High-tech, MedTech and Mobility.

JADS

At the Jheronimus Academy of Data Science (JADS) cool stuff that matters is being done with Data. Data Science can be studied, researched and applied. With a Master's Program, PDEng education and Professional Education JADS combines Data Science & Entrepreneurship.

HTCE - AI Innovation Center

The AI Innovation Center at High Tech Campus Eindhoven is an open innovation facility with the mission to accelerate the adoption of Artificial Intelligence in Brainport Eindhoven by providing the enabling ecosystem, infrastructure and pool of talent.

MindLabs

MindLabs is a quadruple helix ecosystem generating projects on interactive AI technology and cognition-driven human behavior. We believe in the unprecedented power of the human and the artificial brain collaborating, and advancing whilst doing so.

Brainport Industries Campus

An innovative work landscape in the green heart of Brainport Eindhoven, where high-tech suppliers not only produce but also innovate together while using shared knowledge and shared facilities such as flexible production areas, warehouses and offices.

Automotive Campus

At the Automotive Campus, ICADI is an open partnership of notable organizations from the Automotive supply and knowledge domain. They collaborate in the areas of (ultra-big) data, knowledge, technology and AI and aim to strengthen the Connected Automated Driving knowledge base and ecosystem.

Manufacturing

Data and Algorithms

Design

Software engineering

Human-machine interaction

Augmented intelligence

New business models and applications

Human-centric AI

Ethical, legal andmsocio-economic aspects

Reskilling and upskilling of employees

High Tech Systems

Data Sharing

Quadruple helix collaboration

Systems engineering

Certifiable, Robust and Explainable AI

Digital Technologies

Trustworthy data integration