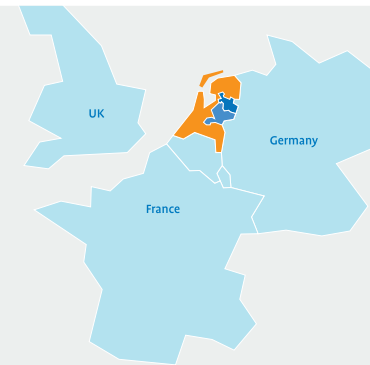




# Future-ready pioneers in robotics

The Netherlands has a mature robotic ecosystem. A Key Enabling Technology that creates many new business opportunities. East Netherlands is a pioneering region in medical robotics, service & inspection robots, Unmanned Autonomous Vehicles, agricultural robots and advanced manufacturing technology. This expertise is combined world-class research in ethical aspects of using robots and social interaction between robots and humans.



## East Netherlands: a pioneering robotic ecosystem

East Netherlands is one of the key regions for new robotics technology in Europe. This is underlined by dedicated research programs, funding possibilities and shared facilities to support developing new technology, creating new business and breeding new talent.

Our ecosystem is integrated in the national Holland Robotics Cluster, catalyzing innovation and developing research programs in the robotics industry. Key success factors are stimulating cross-over research and early adoption of new applications in robotics.

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

### Business climate



East Netherlands hosts a thriving ecosystem where companies - from start-ups to mature firms - can grow their robotics business. Focus is on the fast-growing service robot industry and advanced manufacturing technology.



#### Expertise

CT/MRI compatible robots, exoskeletons, medical imaging, machine learning, AI, data acquisition & processing, drone technology, VR/AR technology, Conditioned Based Maintenance, mechatronics, brain/neural computer interaction...and so much more.



#### Market focus

Rehabilitation, Diagnosis & (Assistive) Surgery, Social Care, Maintenance & Inspection, Smart Production & Manufacturing, Agricultural & Food, Unmanned Autonomous Vehicles.



#### Companies

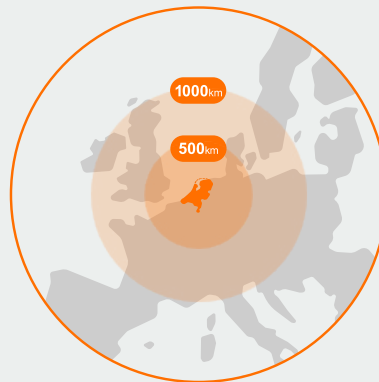
Thales, NXP, XSens, Demcon, AWL, Schuitemaker, Gable Systems, Roessingh Research & Development, 247TailorSteel, Drone Bird Company, Kite Robotics, among many others.



### 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

East Netherlands is a region of living technology, making real-life testing of new robotic technology possible. From lab testing to open test space, to public use and acceptance, for example for drone technology, social care robots and assistive robots.



### New technologies

Joint research programs with the Universities of Twente, Wageningen and Nijmegen and top-class research institutes like the Digital Society Institute and TechMed Centre offer groundbreaking robotic applications.



**Most innovative country in the world**

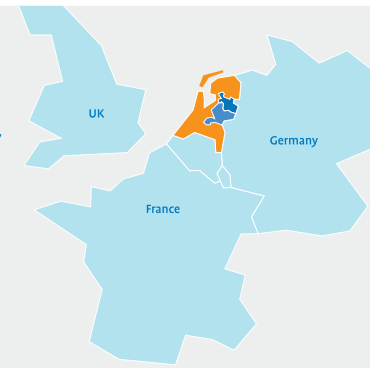
GII 2017-2020

Just some examples of technology that has been invented in East Netherlands:

- Hollywood Motion Capture Suits by XSens
- Robotic birds by Drone Bird Company
- Rehabilitation robot for stroke survivors by Gable Systems
- Automatic high-rise windows cleaning system by Kite Robotics
- 100 kg payload drone by Drone4Agro



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



## Top talent



Three Universities and five Universities of Applied Sciences educate multi-skilled talent for future challenges in Key Enabling Technologies such as Robotics Physics, Mechatronics, and Computer & Information Technology Science.

Number of students, East Netherlands

**45,000** research university  
**88,000** university of applied sciences



**106,000** vocational education

source: CBS, 2019/2020

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



## Funding

Innovation in robotics is one of the funding priorities within the European Union (EU). These funds are also an important vehicle to connect our robotic ecosystem to other important hot spots in Europe.

**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



## Business support

Facility sharing is one low-cost method to enter EU markets and to help innovation thrive. For example the Experimental Center for Healthcare to do pre-clinical testing of medical and care robots. Or the Fraunhofer Project Center for development of new automated manufacturing technology. And Space53, the Dutch drone development and test facility, a unique location in Europe.

**70** Start-ups  
Average new technology start-up companies every year

Oost NL is a partner in connecting international companies to robotics-oriented business communities in the region. Partners include Holland Robotics, Novel-T, Business Cluster Semiconductors, Food Valley and Health Valley.

## Oost NL - Support for your success in business

Oost NL is the economic development agency for East Netherlands. We provide access to resources, such as funding, research programs, technology cooperation and business infrastructure - all to help you succeed in establishing and growing your European business.

If your strategic vision is global growth through European business development in robotics, Oost NL is your partner for success.

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