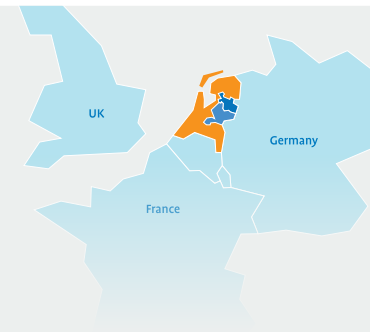




A high tech aerospace cluster

With a 3 km long runway at a former military airbase Technology Base/Twente Airport is a unique location for R&D, simulation and test for aerospace related companies. From advanced materials for aerospace structures, sensing or hightech production of aerospace parts, the region thrives with aerospace and related companies. If your business is aerospace, whether you are operating a business jet service, are an MRO service provider, a provider of high-precision parts, or are developing UAV applications, East Netherlands is where you need to be: join our strong network of global businesses, research institutes and universities.



East Netherlands: a highly innovative aerospace cluster

Key success factor is stimulating cross-overs, through a network of key players and facilities. All offered in a region where new groundbreaking applications are being developed. FoInstitutcus areas: aerospace, automotive, health, life science and Internet of Things (IoT).

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

“Twente Airport/Technology Base offers AELS the possibility to source higher numbers and higher end air-planes such as the Airbus A320 and the Boeing 737NG as well as to dismantle them. There is plenty of space for dismantling and stocking of parts”

Derk-Jan van Heerden,
General Manager & Founder at AELS

M Business climate



East Netherlands has a thriving ecosystem where both start-ups and mature companies can grow in the aerospace domain with focus on advanced materials, sensing and smart manufacturing technology.



Expertise
In the area of new and lightweight materials for the production of aerospace parts, high precision fine metal parts production, sensor and radar system development and production and development, simulation and test environments for unmanned systems.



Markets
MRO & recycling, radar systems, fine mechanical part production, lightweight structures, sensor developments, UAV's, test factories and regional airport function.

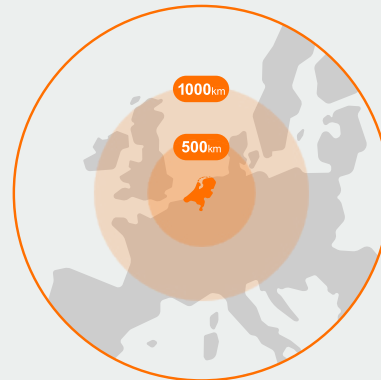


Companies
Thales, NXP, Aeronamic, AELS, Benchmark, NedAero, PM Aerotec, AniForm, Boeing, USE System Engineering, Cato Composites, Dutch-Shape, Fiberneering, Teijin Aramid, Pontis Engineering, Ten Cate, ATS Dalfsen, Aviation Glass, NTS Norma, Technology Twente and many others.

-+ 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/drone technology possible. From lab testing to open test space, to public use and acceptance, for example: IoT, composites, sensor, drone and smart industry technology.



New technologies

Joint research programs with top-class research institutes like MESA+, Digital Society Institute, Fraunhofer Institute, TPRC together with Boeing and Ten Cate offer new aerospace materials & applications.

Key research areas

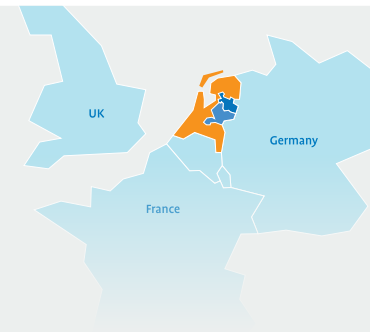
- Micro and nanoelectronics
- Photonics
- Nanotechnology
- Industrial biotechnology
- Advanced materials
- Advanced manufacturing technologies

Technology invented in East Netherlands:

- Wi-Fi by No Wires Needed (spin-off University of Twente)
- Bluetooth by Ericsson and the University of Twente
- iPhone Long Life Battery management system by NXP and Bruco
- Airplane noise reduction panels by Airbus, TNO, NXP, Merford & University of Twente
- Life Market chip by Lionix onboard the ExoMars rover to test for life on Mars.
- And many more.



Oost NL has partnered with over **900** companies for success in Europe

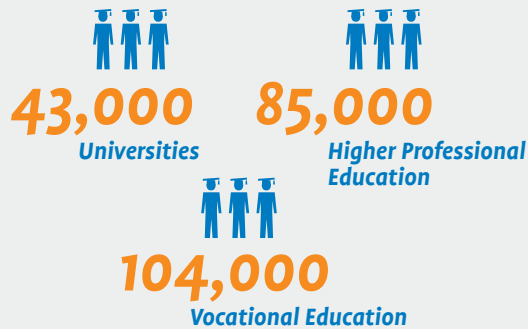


Top talent



Three Universities and five Universities of Applied Sciences educate multi-skilled talent for future challenges in Aerospace related technologies such as mechatronics, micro- and nano technology, photonics, robotics, computer and information technology science.

Number of students, East Netherlands



source: CBS, 2018/2019

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.

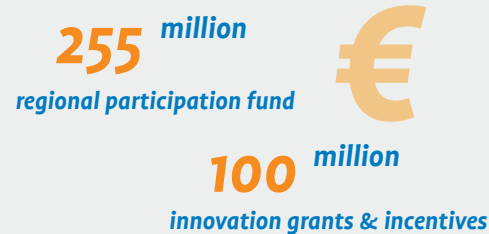


Funding

Aerospace, new materials and innovation are funding priorities within the European Union (EU). These funds are an important vehicle to connect your aerospace developments to other important EU hotspots such as Germany and France.



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.



Business support

SPACE53, a single, shared portal for national and international organizations in UAV developments. With an airport in the immediate vicinity, a safety campus and a large number of special indoor and outdoor areas for research and testing with unmanned systems of all sizes, Space53 is unique in Western Europe.

Facility sharing is one low-cost method to thrive innovation and enter the market. For this purpose many aerospace related facility sharing opportunities exist, such as e.g. the largest micro/nano cleanroom facility in Europe of MESA+ (1,250 m²), the SPACE53 Test center for UAV developments and the XL Cargo Drones Innovation Center.

Business Incubators are available at the science park adjacent to the University of Twente (Kennispark), the High Tech Systems Park at the Thales premises, the Life Science and Semiconductor incubator at the NXP premises (Novio Tech Campus) as well as the Technology Base /Twente Airport for new materials, UAV and aerospace-related developments.

Oost NL - Your support for success in business

Oost NL is the economic development agency for East Netherlands. We have access to resources - funding, business partners and infrastructure, technological architecture and research partners - to help you succeed in establishing and growing your European business. Oost NL is your partner in connecting international companies to business communities in the aerospace business such as: Holland High Tech, NAG, DAG, PUCA, Novel-T, SPACE53, Businesscluster Semiconductors, etc.

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