

10 Reasons

Why West
Holland is the
Hotspot for
Aerospace



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page and
explore!

**Innovation
Quarter**

*invest &
innovate in
West Holland*

10 Reasons why West Holland is the Hotspot for Aerospace

West Holland is home to a unique Aerospace cluster, including the complete chain of academic research - knowledge applications - OEM's - first, second & third tier suppliers and end users. The activities include, among others, the design and manufacturing of complete aeronautical subsystems, airport development and unmanned aerial vehicles. We hereby present our top 10 reasons to invest in the West Holland region.

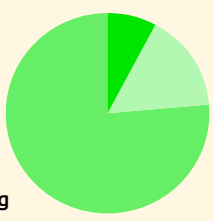
TALENT & KNOWLEDGE



1 ACCESS TO TALENT



TU Delft Faculty of Aerospace Engineering
University of Technology
2,500 students



InHolland Aeronautical Engineering
University of Applied Sciences
500 students

Leidse Instrumentmakers School
Senior Secondary Vocational Education and Training
260 students



TU Delft
Largest Faculty for Aerospace Engineering in Europe

2 RESEARCH & INNOVATION



Aerospace Structures & Materials Lab
Composites Lab
Automation & Digitization Centre
Digital Factory Composites Ypenburg



3 TU DELFT, FACULTY OF AEROSPACE ENGINEERING

- Aerodynamics
- Flightperformance & Propulsion
- Control & Simulation
- Air transport & Operations

- Aerospace Structures & Computational Mechanics
- Novel Aerospace Materials
- Structural Integrity & Composites



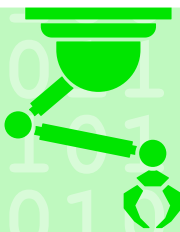
EXCELLENT INFRASTRUCTURE



4 COMPOSITES FIELDLABS

Smart Advanced Manufacturing XL

- R&D facility (2,000 m²) for automated composite technology solutions
- Focus on both thin-walled aerospace structures and thick-walled structures for wind turbine blades
- Digital backbone including ROS industrial open-source software



Digital Factory for Composites

- Custom made automation and digitization solutions for composites production
- Industrial training programme for digital manufacturing
- Open office space and composites event centre

5 AREAS OF TOP EXPERTISE

Our universities, institutes and companies are front runners in the fields of:

- Complete Aerospace Subsystems
- System Engineering & Artificial Intelligence
- Large Scale and Automated Manufacturing
- Novel Materials and Smart Composites
- Digitization & Digital Twinning
- Self-healing Materials
- Hot Section Components for Gas Turbines
- Customized High End Power Electronics

6 HOTSPOTS & FACILITIES

1. **Valkenburg:** Drone Test Centre (indoor & outdoor)
2. **The Hague:** Tech Park Ypenburg (industrial research & composites manufacturing)
3. **Delft:** University Campus Facilities, Sam | XL
4. **Rotterdam The Hague Airport:** Airport Innovation Labs
5. **Papendrecht:** Fokker / GKN Aerostructures

20 miles



BUSINESS OPPORTUNITIES



7 LEADING COMPANIES



8 INCUBATOR FACILITIES FOR AEROSPACE

- YES!Delft Incubator & YES!Delft Labs
- Drone Center Valkenburg
- Cambridge Innovation Center Rotterdam
- Space Business Innovation Center Noordwijk



9 SUCCESS STORIES



Aerospace Composites



Airport Engineering & Operations



Automated Manufacturing

10 INNOVATION AGENDA FOR AEROSPACE 2016-2025

Our regional Aerospace Innovation Agenda, composed in 2016 demonstrates the various top capabilities of our aerospace cluster and aligns regional efforts. Numerous opportunities for collaboration are presented on different innovation topics, to meet the major challenges in this sector. The agenda was composed by regional companies and knowledge institutes with support of regional authorities.



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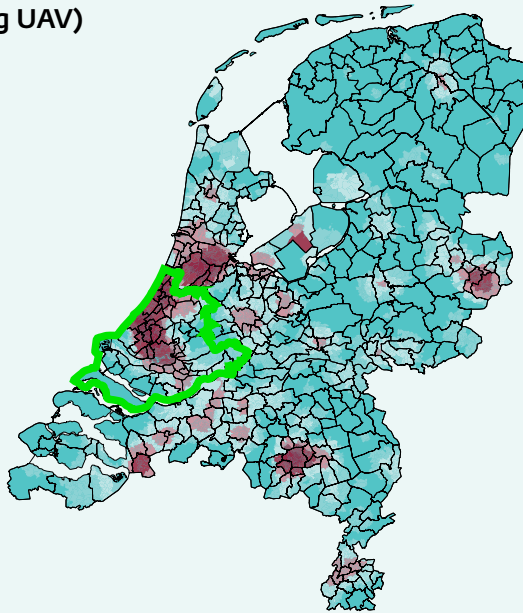
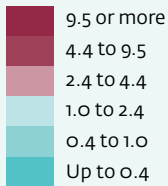
West Holland, the Hotspot for Aerospace

Strong European market position

The West Holland region is home to the largest aerospace engineering faculty in Europe, the technical heart of the European Space Agency (ESTEC) and many first, second and third tier suppliers. The aerospace cluster includes companies active in aeronautics, space, composites, UAV's and airport engineering. This makes West Holland the ideal hotspot to let your aerospace business take off.

Distribution of Aerospace companies (including UAV) in the Netherlands

SCORE



Source: Aerospace cluster in
Zuid-Holland, Bureau Louter, 2016

InnovationQuarter is the Economic Development Agency for the West Holland region in the Netherlands. We provide free assistance and advice to international companies looking to locate in West Holland. In addition, we facilitate co-operation between companies, academic institutions and government. Moreover, InnovationQuarter funds innovative and fast-growing businesses in the region.

WEST HOLLAND OFFERS YOU

- A strategic location in the heart of Europe
- State-of-the-art business, research and incubation facilities
- Highly educated and multilingual workforce
- Excellent quality of life
- A competitive tax climate
- Advantageous tax incentives for R&D activities
- A dedicated foreign investment team, offering confidential, free of charge services to international companies.



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