



# Aerospace Industry

in the Capital Region Berlin-Brandenburg

## Berlin-Brandenburg: excellent conditions for take-off

### 10 reasons to invest here

- Leading companies in the industry and local innovative suppliers
- Highest research density in Germany
- Heart of Germany's political decisions
- Fast approval procedures with no red tape
- Highly trained, motivated workforce and leadership personnel on hand
- Ideal networking of the regional aerospace industry
- Intersection of the major European transport axes (TEN-T corridors)
- Proximity to the growth markets in Europe
- Excellent transport and telecommunications infrastructure
- Venue for one of the biggest industry trade fairs

### Potential

Aerospace companies based in the capital region as well as scientific and research institutes focus on subjects with the highest development potential:

- Engine technology, servicing, trials and simulation
- Low-emission aircraft engines and aircraft
- General aviation/business aviation
- Civil drones, air taxis, UAS (unmanned aircraft systems)
- Small satellites, space travel and digitization

### Low-emission aircraft engines and aircraft

Climate-friendly air travel is a major topic of discussion in the region. Conventional aircraft engines will be supplemented with modern, hybrid-electric, and electrically powered drives in the near future. The capital region's various association projects and alliances, such as the Innovation Alliance for the Development of Low Emission Aircraft Engines (IBEFA) and the Lausitz Science Park of the BTU, where both the Center For Hybrid Electric Systems Cottbus (Chesco) as well as the DLR institutes and the PTX-Lab are working on exploiting the potential of these drives and their integration in modern aircraft concepts with appropriate system architectures.

### Engine manufacture, trialling and simulation

Rolls-Royce, a worldwide leading manufacturer of engines, develops, produces, services and tests various models of



aircraft turbine engines in the region. The MTU Maintenance Berlin-Brandenburg provides maintenance services for aircraft engines in the lower to middle thrust and power categories and carries out acceptance tests. Above all, an extensive innovative supplier landscape has developed in the region over the last years, with specific expertise in the areas of MRO, trialling, simulation, engineering and software development.

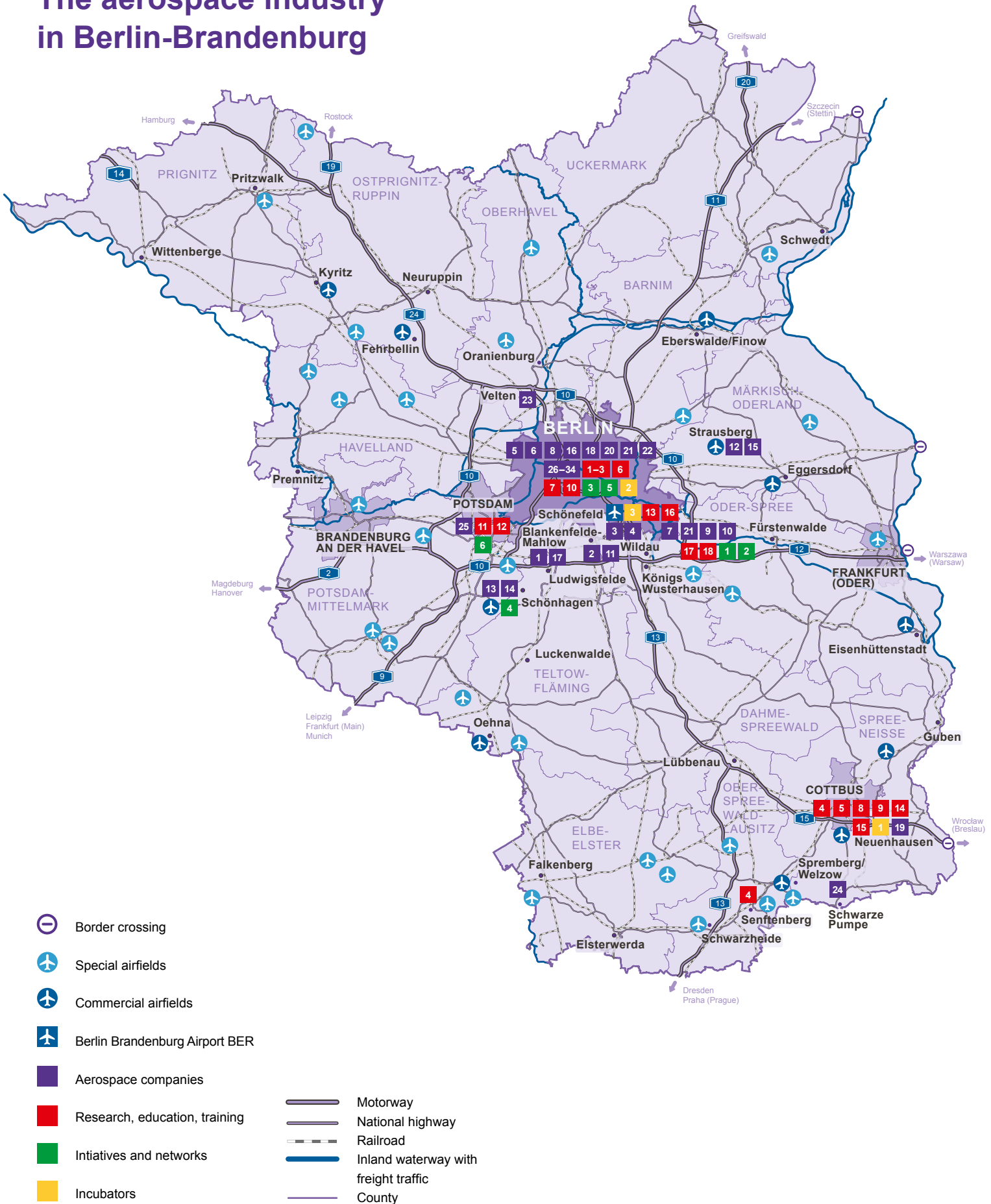
### Drones are taking off

When it comes to unmanned flight systems (drones, air taxis, UAS) there is a broad and exciting range of possible uses and services. Alongside a diverse association structure, over 80 stakeholders from research, development and business have helped to make the capital region a location magnet for highly automated and autonomous flying in our airspace.

### Into orbit and to the moon

The capital region is among the leading actors in the rapidly growing segment of New Space technologies and applications. Established space travel experts, numerous start-ups and scientific institutes in the industry come together to form a comprehensive competence centre for everything related to miniaturised satellites and sensors.

# The aerospace industry in Berlin-Brandenburg





# The network for your success

## Selected aerospace companies and research institutes in the capital region

### Drives and engines

- 1 MTU Maintenance Berlin-Brandenburg GmbH
- 2 Rolls-Royce Deutschland Ltd. & Co. KG

### Maintenance, repair und overhaul (MRO)

- 3 Lufthansa Bombardier Aviation Services GmbH
- 4 Lufthansa Technik AG
- 5 easyJet Airline Company Limited
- 6 Ryanair DAC

### Testing/Simulation

- 7 AneCom Aero Test GmbH
- 8 Element Materials Technology Berlin
- 9 FTI Engineering Network GmbH
- 10 FTT Deutschland GmbH
- 11 Rolls-Royce Mechanical Test Operations Centre GmbH (MTOC)

### General aviation

- 12 APUS Group
- 13 AQUILA Aviation International GmbH
- 14 REINERSTEMME.aero GmbH
- 15 STEMME AG

### Suppliers

- 16 Holmberg GmbH & Co. KG (HOLMCO)
- 17 MTU Maintenance Coating Services GmbH
- 18 PACE Aerospace Engineering and Information Technology GmbH
- 19 Philotech Systementwicklung und Software GmbH

### UAV/ UAS

- 20 ArrowTec GmbH
- 21 DROTEC
- 22 Germandrones GmbH
- 23 sitebots GmbH
- 24 Tholog Civil Protection Systems

### Small satellites and space travel

- 25 AIRBUS Defence and Space
- 26 Astro- und Feinwerktechnik Adlershof GmbH
- 27 Berliner Glas Group
- 28 German Orbital Systems GmbH
- 29 LiveEO GmbH
- 30 MAGSON GmbH
- 31 Planet Labs Inc.
- 32 Planetary Transportation Systems GmbH (PTS)
- 33 Space Structures GmbH
- 34 VECTRONIC Aerospace GmbH

### Initiatives and networks

- 1 BBAA Berlin-Brandenburg Aerospace Allianz e. V.
- 2 CURPAS e. V.
- 3 DroneMasters GmbH
- 4 European Aviation Security Center e. V.
- 5 New Space Berlin
- 6 agrASpace, Luft- und Raumfahrttechnologien im Dienste der Landwirtschaft

### Incubators

- 1 Lausitz Science Park
- 2 Technologiepark Adlershof
- 3 Zentrum für Luft- und Raumfahrt Schönefelder Kreuz (ZLR)

### Research, education, training

- 1 Berliner Hochschule für Technik
- 2 Berufsbildungswerk gGmbH (bfw)
- 3 beSpace GmbH
- 4 Brandenburgische Technische Universität Cottbus-Senftenberg (BTU), Lehrstuhl Aerodynamik und Strömungslehre
- 5 Center for Hybrid Electric Systems Cottbus (CHESCO)
- 6 DAI Labor
- 7 Deutsches Zentrum für Luft- und Raumfahrt (DLR)
- 8 Deutsches Zentrum für Luft- und Raumfahrt e.V. Institut für elektrifizierte Luftfahrtantriebe, Cottbus
- 9 Deutsches Zentrum für Luft- und Raumfahrt e.V. Institut für CO2-arme Industrieprozesse, Cottbus
- 10 Embry-Riddle Aeronautical University
- 11 Fraunhofer-Institut für Angewandte Polymerforschung (IAP)
- 12 Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum GFZ
- 13 Lufthansa Aviation Training GmbH
- 14 Panta Rhei gGmbH – Forschungszentrum für Leichtbauwerkstoffe, Cottbus
- 15 PtX Lab Lausitz, Cottbus
- 16 Technische Hochschule Berlin, Institut für Luft- und Raumfahrt
- 17 Technische Hochschule Wildau, Studiengang Luftfahrttechnik/ Luftfahrtlogistik
- 18 TRAINICO GmbH



## Strong research, excellent networking

The capital region is one of the world-leading aerospace regions. The location of Berlin-Brandenburg, with six million residents and as a political, scientific and economic centre, is connected to other growth markets via Europe's major transport routes, and offers aerospace companies excellent growth prospects and a high standard of living for their employees.

### Practice-related research and development

Over 50 universities and around 200 public and private research institutes in Berlin and Brandenburg make up one of Europe's densest research networks. Aerospace industry companies and innovative suppliers alike benefit from the expertise of TU Berlin and BTU Cottbus-Senftenberg, TH Brandenburg, TH Wildau, Beuth Hochschule, and the Embry-Riddle Aeronautical University, as well as the expertise of German Aerospace Center sites, and the Max Planck, Helmholtz, Leibniz and Fraunhofer institutes.

### Highly trained and motivated employees

Some 7,500 highly trained experts currently work in the region's aerospace companies. In total, around 17,000 people are employed by aviation-related businesses in the capital region. This means that a highly trained and motivated workforce is on hand for all aerospace industry-related occupations and trades in Germany's capital region.

### ILA Berlin – leading innovator in aerospace

The world's oldest aviation show ILA is a leading international specialist trade exhibition in the aerospace industry. Featuring specialist conferences and an appealing flight programme, it is an extremely popular meeting place for the industry. ILA Berlin is held every two years at the Berlin ExpoCenter Airport on the western outskirts of the Berlin Brandenburg Airport BER.

[www.ila-berlin.de](http://www.ila-berlin.de)

### BER – Berlin Brandenburg Airport

The Berlin Brandenburg Airport BER provides long-term impetus for further economic development in the region. This international airport means that the capital region has a modern and efficient aerospace infrastructure which facilitates the optimal further development of these growth sectors. The good connection to the international markets and additional intercontinental links – in addition to the capital region's location assets – offer investors ideal conditions for entrepreneurial success. The Airport Region Team based in Schönefeld is the first port of call for companies interested in establishing themselves in the airport region.

[www.airport-region.de](http://www.airport-region.de)

### BBAA – the aerospace network

The Berlin-Brandenburg Aerospace Alliance (BBAA) is the regional economic association for the aerospace industry. Capital region stakeholders involved in the industry, ranging from manufacture, research and development to economic development, use this network to pool their potential. The BBAA coordinates and supports established R&D cooperation, particularly on issues such as energy-efficient and low-emission air travel, digital solutions in aerospace, and New Space.

[www.bbba.de](http://www.bbba.de)

### CURPAS e.V.

CURPAS e.V. is a leading network which pools the competencies of UAS manufacturers, research institutes, users, and system houses in order to launch joint projects and work together on strengthening the interests of unmanned aircraft systems. The field of activity comprises unmanned mobility and logistics solutions of all kinds, whether for water, land, rail, or air.

[www.curpas.de](http://www.curpas.de)

### Excellent networking

One of the region's particular strengths is the excellent networking within the Cluster Transport, Mobility and Logistics. Various communities, networks and associations provide support for R&D cooperation and offer informative and innovative formats for regular, industry-specific communication.

[www.mobilitaet-bb.de/en/Aerospace](http://www.mobilitaet-bb.de/en/Aerospace)

# Capital Region Berlin-Brandenburg

## Location assets | Facts | Services



Quadriga in front of the Reichstag dome

### This is where investments pay off

Berlin-Brandenburg offers specific funding programmes for innovations, investments and the training of workers. Funding is provided by the European Union, the Federal Government and the states of Berlin and Brandenburg.



Schloss Sanssouci in Potsdam

### High quality of life

The region offers a unique combination of the international flair of the Berlin metropolis and the fascinating nature and historical sights of Brandenburg. A singular club scene, renowned large events, more than 170 museums, 150 theatres as well as some 500 castles, churches and parks all attract visitors to the region. There are no limits to the sporting and leisure activities, among them golf, horse riding, water sports and flying.



Excellent leisure possibilities in the region

### Corporate engagement made easy

Economic Development Agency Brandenburg (WFBB) and the Berlin Partner for Business and Technology (BPWT) offer comprehensive support for establishing your company: competent, fast, non-bureaucratic, confidential, and free of charge.

- Location: facts and figures about the Berlin-Brandenburg economic region
- Personnel: support in the recruitment and training of new employees
- Real estate: assistance with the search for properties to rent and buy
- Financing: advice on funding opportunities and financing methods
- Contacts to: public authorities, banks, chambers of commerce, associations, company networks

[www.wfbb.de](http://www.wfbb.de)

[www.berlin-partner.de](http://www.berlin-partner.de)

[www.brandenburg-business-guide.de](http://www.brandenburg-business-guide.de)

[www.businesslocationcenter.de/en/aerospace](http://www.businesslocationcenter.de/en/aerospace)

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