



# LARGE-SCALE INVESTMENT

With the arrival of the long awaited Berlin-Brandenburg Airport in October 2020, the municipalities of south Berlin are forecast to be the fastest growing locations in the greater city region. The new airport began stimulating economic activity long before it actually opened its doors, and some investments are now completed and fully operational while others are still in the works.

## 1. Berlin-Brandenburg Airport (BER)



With a total investment value of EUR7 billion, the Berlin-Brandenburg Airport is now open and fully operational. While COVID-19 has stifled demand for aviation and air travel services globally, the airport is expected to reach its maximum capacity of 27 million passengers per annum in the next few years. Expansion plans are already underway, aimed at increasing annual capacity to 47 million passengers. BER estimates that 20,000 jobs have been directly created by the airport, and market research institute Conoscope forecast this number to reach 40,000 jobs over the next 15 years. The airport will offer 170 direct routes across North America, Africa and Asia.

## 2. Rolls-Royce (Aviation)

In 2019, Rolls-Royce completed the construction of its EUR20 million German HQ in Dahlewitz, south Berlin. The firm first began production of aviation engines at the site in June 1995, and recently delivered its 8,000th engine. Today, over 3,000 people are employed in highly skilled roles at the Dahlewitz site, aptly named the Rolls-Royce Centre of Excellence. The firm invested over USD2 billion in research and development in 2019 alone, positioning its engineers at the forefront of scientific research.



## 3. Technology and Science Region Dahme-Spreewald

The technology and science region of Dahme-Spreewald is an up-and-coming location for high-tech production, intelligent services, research and training.

In the field of aviation, a significant number of firms have already clustered around the city's new airport. From global players to innovative medium-sized companies – this is now the third largest aviation location in Germany, with more than 100 companies and 17,000 employees.

### Wildau Technical University of Applied Sciences

With 100 full-time professors, approximately 4,000 students per annum are trained in more than 30 study programmes. This is the largest university of applied sciences in the state of Brandenburg.

### Aerospace Technology Centre

The Aerospace Technology Centre - where innovation is at home - is one of the largest aviation technology locations in Brandenburg. The centre is geared towards fast-growing young companies with select engineering expertise and international market operations.

### Fraunhofer Institute for Applied Polymer Research (IAP)

Here scientists develop highly cross-linked polymers for lightweight construction and micro- and opto-electronics. These are key elements in the manufacture of components for transport technology, aerospace, ICT and equipment technology.

### Technology and Start-up Centre Wildau (TGZ)

TGZ is a renowned centre for successful start-ups and sustainable business development in the region. Working closely with the Aerospace Technology Centre and the Wildau Technical University of Applied Sciences, the Centre provides support for innovative start-ups.

### Deutsches Elektronen-Synchrotron (DESY)

As part of the Helmholtz Association, DESY is one of the world's leading accelerator centres for the study of matter. The site in Zeuthen is one of the largest scientific institutions in Brandenburg and is developing into a national centre for astroparticle physics.







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### 4. Berlin Adlershof Science City



Founded in 1754, this area is the birthplace of German aviation and the original site for research, film and television in Berlin. Today, Berlin Adlershof Science City is one of the most successful high technology sites in Germany and Berlin's largest media site. Home to 1,203 firms and scientific institutions, the area employs 23,500 people and hosts 6,458 students at Humboldt University's 6 scientific institutes.

The park is ranked as one of the top 15 science parks worldwide, and the most important business location in the Berlin-Brandenburg capital region with a total annual turnover of EUR2.5 billion. The modern innovation centres focus on **five key sectors of technology**:

1. Photonics / Optics
2. Microsystems / Materials
3. IT / Media
4. Biotechnology / Environment
5. Renewable Energy / Photovoltaics

In the direct vicinity are 454 commercial enterprises, retail shops, hotels, restaurants, and Media City with its 189 companies.



### 5. Tesla



Berlin was chosen by Tesla's chief executive, Elon Musk, as the location for the firm's first major European Gigafactory. Mr. Musk cited Germany's engineering prowess along with the fact that "Berlin Rocks" as one of the reasons for locating their Gigafactory Europe in Germany's capital city.

With a total investment value of EUR4 billion thus far, Giga-Berlin will be the most advanced high-volume electric vehicle production plant in the world, creating 12,000 highly skilled jobs at first, with potential of up to 40,000 in the following years.

In January 2021 Giga-Berlin also received preliminary approval to begin the construction phase of a battery cell plant that Elon Musk says could be the largest on the planet.

Up to EUR5 billion in subsidies from the German Federal Ministry of Economics has been approved, along with EUR2.9 billion under the European Battery Innovation project. This project aims to support "research and innovation in the battery value chain" – in short, reducing dependency on battery makers outside the EU.

