

## FACT SHEET – BUSINESS OPPORTUNITIES IN THE HAMBURG REGION

### Aviation Services in Hamburg



“Safety first” and “Keep the aircraft flying” are the most important “rules” in civil aviation. The first one refers to a high and reliable quality standard that is required as a base for all maintenance and repair services, the second one implies minimizing ground and therefore repair times. All companies operating in aviation services in Hamburg comply with these “rules” to the full extent.

In the field of emerging technologies, Hamburg’s competencies lie on new production methods, repair and installation concepts - especially for lightweight construction – as well as on additive manufacturing of components. 3D printing technology is particularly of interest here. The region is already very well positioned with the Fraunhofer IAPT center, a genuine poster child, and with a great deal of potential for 3D printing applications in the production process at Hamburg’s aviation companies.

In the field of “automation”, the focus will primarily be on measurement systems, on the use of **robotics** and **software in manufacturing**, repairs and installation, and on **human-robot cooperation**.

Beyond this, Hamburg’s companies in the segment of organising production and repair are concentrating on productivity management, global **production/repair networks, lifespan forecasts** and quality management.

#### Companies and Institutions related to Aviation Services already:

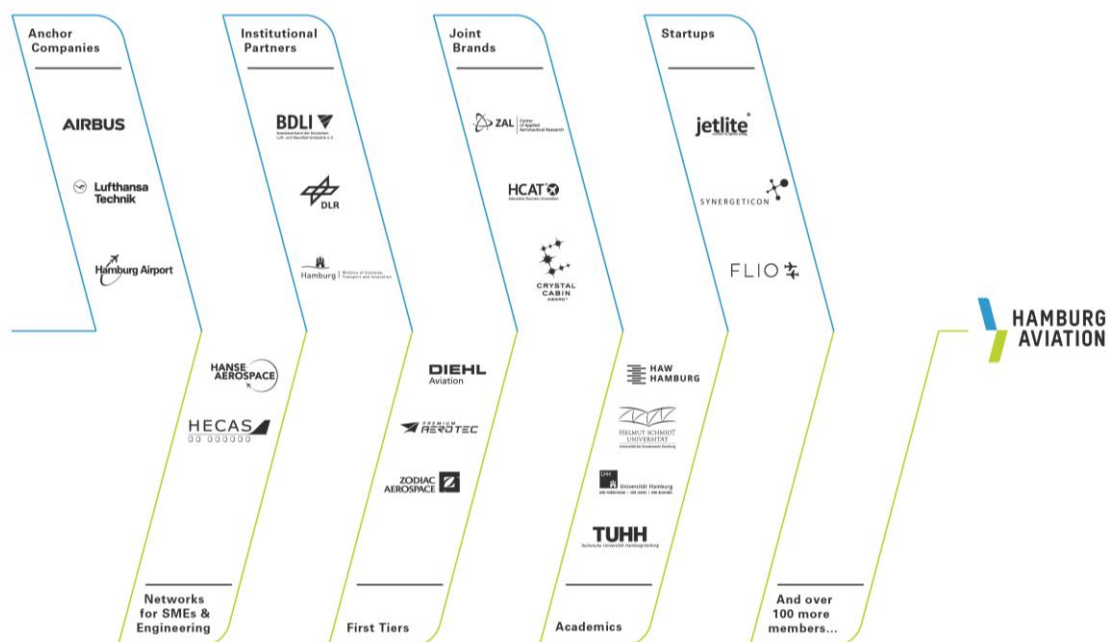
- Airbus
- Bionic Production
- Jenoptik
- Hansair
- Fraunhofer IAPT
- Lufthansa Technik
- SLM Solutions
- Vartan
- Test-Fuchs
- TUHH
- ZAL GmbH

And many more!



## HAMBURG: HOME OF AVIATION AND YOUR PLACE FOR BUSINESS

- The 8th-largest city in the Europe, with a population of 1.8 million (5 million in the metro region)
- The place with the **highest GDP per capita of all German states** (53,611 EUR) and the fourth-highest GDP per capita in Europe
- **Among the world's 10 most livable cities**, according to The Economist
- The global capital of wind power, the world leader in research with free-electron lasers, a renowned center for life science, the leading seaport in Northern Europe, and a powerful startup hub – **all connected in a tight network of 9 cluster initiatives**
- The **third-largest civil aviation site in the world** with **more than 40,000 highly-qualified employees** and way over 100 years of tradition
- An **internationally awarded network** forming a powerful alliance of Hamburg based business, science, education and politics: **Hamburg Aviation**.



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