

## SUCCESSFUL AS A TEAM CONTACTS

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## NATIONAL AND INTERNATIONAL STRONG NETWORKING PARTNER AVIASPACE BREMEN

AVIASPACE BREMEN e.V. is an association of dedicated companies and application-oriented research institutes in the Federal State of The Free Hanseatic City of Bremen and the surrounding areas. The network implements the aeronautics and space industries sector strategy of the Federal State of Bremen.

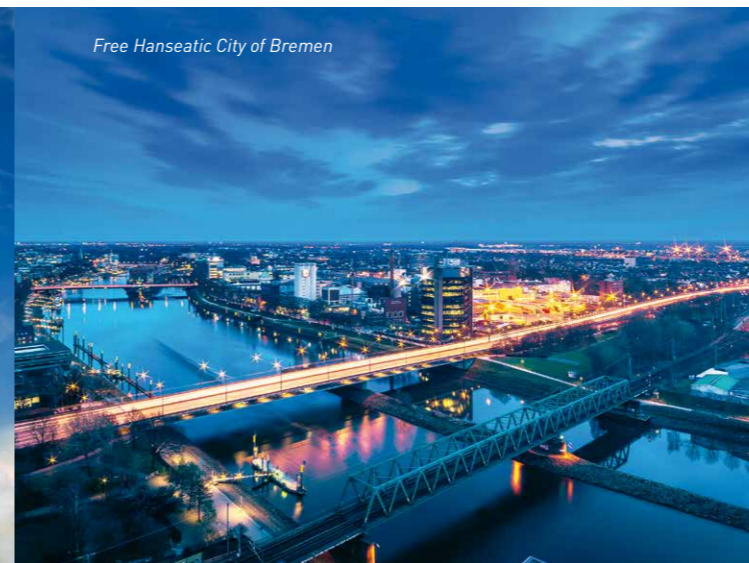
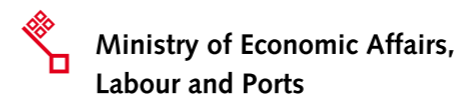
Our key areas are network formation, technology transfer, and economic growth through fostering young entrepreneurs and start-ups in particular. This includes both technical and organizational networking among final producers, suppliers and/or service providers and scientific institutions in the fields of materials science, high-lift systems, production technology, robotics and earth observation.



## TAKE OFF WITH US MINISTRY OF ECONOMIC AFFAIRS, LABOUR AND PORTS

Our ministry is responsible for all matters related to economic affairs, labour, ports, and international business policies of the German Federal State of Bremen. For an economic and innovation policy to continue to be successful, a close integration of economic policy structures for strategic planning must be implemented within operational structures while adapting the instruments. A one-stop innovation policy that effectively and efficiently bundles the programmatic ministerial responsibilities for key technologies within the ministry.

Senator Martin Günthner



## WE TAKE OFF WITH YOU BREMEN AS A CENTER FOR AERONAUTICS AND SPACE INDUSTRIES





## TAKE OFF WITH US BREMEN AS A CENTER FOR AERONAUTICS AND SPACE INDUSTRIES

Within the space industries and aeronautics sectors more than 140 companies and 20 institutes, a workforce of about 12,000 employees, generate more than 4 billion euros per year. Considering the number of residents, Bremen has the highest employment density within these sectors in Germany.

Future-oriented workplaces, especially for highly qualified people, characterize the space industries and aeronautics sectors. Cutting-edge research in the State of Bremen sustainably supports the industries in the fields of materials sciences and production technologies, space systems, remote sensing, bionics, robotics among others. Major products from Bremen are the wings of the Airbus aircraft, the Ariane upper stages and the satellite navigation system GALILEO.



## THE FINAL FRONTIER BREMEN IN SPACE

Bremen is there! For over 50 years the European center of space industries has developed and produced satellites and launchers.

Airbus has been instrumental in the development and production of the science laboratory Columbus and the Automated Transfer Vehicles (ATV), which connect Europe to the international space station (ISS). Now, the European Service Module (ESM) produced in Bremen is Europe's latest contribution to the Orion spacecraft. At the Bremen location, the ArianeGroup has produced the upper stages of the launcher Ariane since 1979. OHB SE also merits a well-deserved worldwide reputation for their Space Systems Division.

## AIRBUS WING PRODUCTION AERONAUTICS IN BREMEN

The Bremen Airbus plant designs and assembles the wings for the long-haul aircraft A330 and A350. Bremen also hosts the center for development and production of high-lift systems for all Airbus programs.

This is not sufficient to describe all the featured production activities: the second largest German Airbus location with around 4500 employees is instrumental in the development and production of the transport aircraft A400M. In addition, cargo loading systems for the entire Airbus fleet are developed in Bremen. New technologies are researched and brought to maturity. In the areas of material and process development, Airbus has depended upon Bremen aeronautics competence dating back to 1910.

## HIGHTECH-REGION LEADING-EDGE RESEARCH IN THE STATE OF BREMEN

Bremen and Bremerhaven sustainably support top research in the fields of materials science and manufacturing technologies, space systems engineering/research and technology applications, as well as remote sensing, bionics and robotics.

The aeronautics and space technology companies benefit from the proximity to scientific institutes.

Close synergies have emerged among the universities and various research institutes, such as AWI, DFKI, DLR, Fraunhofer and IUP to generate effective networks between research and technology practices.

Our innovative companies reflect the wide range of scientific and technological competence within the State of Bremen.

Airbus A 330



Bremen Technology Park

