

BUILDING THE FUTURE TOGETHER

Boeing in Spain

Boeing has been present in Spain for more than 88 years, serving the needs of commercial airline customers and maintaining a long-standing collaboration with the Spanish aerospace industry. Boeing has also been a longtime supplier of airplanes, helicopters and systems to the Spanish military. Boeing Research & Technology-Europe, which is led from Madrid, produces innovative ideas to meet the needs of Boeing and its customers in areas such as model-based engineering, avionics systems, airspace and autonomous operations efficiency, materials and manufacturing technologies.

In 2021, Boeing spent around \$55 million with suppliers based in Spain. According to an Oxford Economics Study conducted in 2018, Boeing activities support more than 5,000 jobs. About 2,000 people are employed as a result of Boeing operations, its purchases and the spending of those employed directly or in its supply chain, and about 3,000 jobs are supported by the supply of equipment and services directly to Boeing customers (known as consequential impact).

OUR COMMITMENT AND PARTNERSHIP



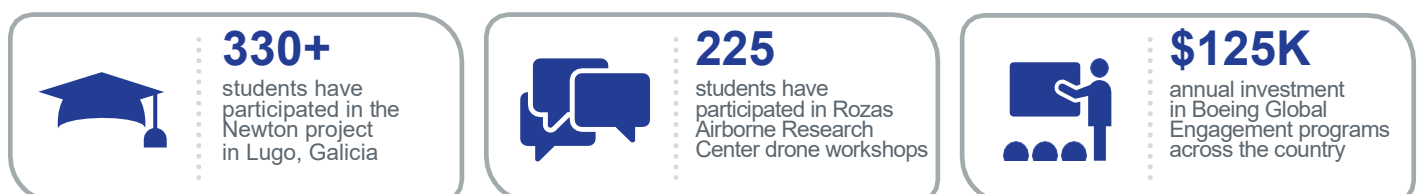
INVESTMENTS

Boeing investments in Spain have helped grow the local aerospace sector, creating jobs and driving innovation for mutual benefit.



COMMUNITY ENGAGEMENT

Boeing actively supports corporate social responsibility projects in Spain that benefit the local communities in which the company operates.



BOEING IN SPAIN

Boeing Commercial Airplanes

Since it began operations, Boeing has recorded over 300 direct deliveries to Spanish airlines for both passenger and cargo transport. Spanish operators include the 737, 747, 757, 767, 777 and 787 Dreamliner.

Air Europa was the first Boeing 787 Dreamliner Spanish customer, ordering eight 787-8s and 14 787-9s. In April 2016, it was the first Spanish operator to incorporate the 787 into its fleet, beginning to offer its passengers the cabin comfort of this aircraft. In February 2018, Air Europa took delivery of its first 787-9.

In June 2018, CAE presented a Boeing 787-9 simulator at its La Muñoza facilities, close to Madrid-Barajas Airport. The simulator serves to meet the demand for training Air Europa pilots.

Boeing maintains mutually beneficial relationships with various Spanish companies, especially with nine Tier 1 suppliers participating in key commercial programs: Aciturri, Aernnova, Airbus, Airgrup, Alestis, Alter, Héroux Devtek, MTorres and Neotex.

Boeing Defense, Space & Security

Boeing supplies high-technology military systems to Spain. The equipment, materials and platforms manufactured by Boeing have always been highly rated by the three branches of the Spanish armed forces.

In January 2019, Boeing announced it will upgrade all 17 of Spain's CH-47D Chinook helicopters to the F-model configuration, adding features such as the digital automatic flight control system, common avionics architecture system and advanced cargo handling. The order is the first from a non-U.S. customer, placed through a contract Boeing and the U.S. Army signed in July 2018.

The Chinook is the largest and most powerful helicopter in the Spanish Army. The fleet was updated to the Delta version with several Spanish partners participating in this effort, including CASA, AISA, ITP, Indra, DTD and Gamesa.

The EF-18 Hornet (E for España) fighter planes that Boeing supplied have become the backbone of the Spanish Air Force and have taken part in numerous peace missions. The offset program for these aircraft meant a 100% return on investment and a strong boost for the Spanish aerospace industry.

The Spanish Navy also uses AV-8B Harrier aircraft from Boeing heritage company McDonnell Douglas. Some have been updated from the Harrier II daytime attack version to the Harrier II Plus radar configuration.

The Spanish Navy also operates Insitu ScanEagle aircraft systems. The ScanEagle was the first remotely piloted aircraft to be successfully operated by the Spanish Navy.

IN-COUNTRY FLEETS

Commercial



- | | | |
|--|--|---|
| • Air Europa
8 787
Dreamliners
20 737-800s | • Volotea
17 717-200s | • Five Airways
2 747-300 |
| • AlbaStar
1 737-400
5 737-800s | • Swift Air
12 737-400SF
1 737-300SF
5 757-
200PCF
1 757-200 | • Privilege Style
1 767-300
1 757-200
1 777-200ER |

Boeing Research & Technology-Europe

With its main office near Adolfo Suárez Madrid-Barajas International Airport, plus a fully integrated presence in the U.K. and Germany, Boeing Research & Technology-Europe (BR&T-Europe) was the first research center established by Boeing outside the United States. Since it opened in 2002, its mission has been to work with partners across Europe in research and technology development to foster innovation, excellence and competitiveness.

BR&T-Europe has a staff of more than 100 employees, most of whom are engineers and scientists recruited from across Europe. It has become a key technology integrator, collaborating with universities, research centers, airlines and industry partners. In Spain, BR&T-Europe's strong engineering workforce focuses on model-based engineering, data-enabled airline services and solutions for the integration of autonomous systems in shared airspace.

Boeing Global Engagement

Since 2004, Boeing has supported more than 20 educational and community projects with 11 nongovernmental organizations in Spain.

Boeing currently funds three projects in Spain focused on education for the local communities:

- **Newton:** In 2019, Boeing, in partnership with the Norwegian company FIRST Scandinavia, launched the Newton Concept in Europe. Newton Room mobile classrooms introduce the Newton Concept to students, teachers and educational authorities. The first Newton Room visited Lugo in Galicia for three weeks between October and November 2019. A permanent Newton Room is located at the Galicia Technology Park in Ourense and was inaugurated in 2021.
- **Volando Juntos:** In 2022, Boeing celebrated 15 years of support for Volando Juntos, a program, developed in cooperation with Cooperación Internacional, that promotes the social inclusion of at-risk children aged 6 to 11 in Madrid through a daily, yearlong after-school homework club.
- **Fundación Infante de Orleans:** In 2018, Boeing launched a new STEM educational project with Fundación Infante de Orleans aviation museum, located south of Madrid. STEM activities and workshops (3D printing, robotics, cyber security) reached 300 children.

Defense



- **Spanish Air Force**
80+ EF-18 Hornets
- **Spanish Army**
17 CH-47 Chinooks
- **Spanish Navy**
12 AV-8B Harriers
13 ScanEagle UAS

A HISTORY OF PARTNERSHIP

1934

Boeing appoints its first commercial representative in Spain

1944

Iberia buys three DC-3s and will add its first DC-4 five years later

1973

The Spanish Army receives its first CH-47C Chinook helicopter units

1982

The Spanish government orders 72 EF-18 Hornet fighter jets, the largest purchase of fighter jets ever made; it will purchase another 24 aircraft

2001

Boeing opens new main offices in Madrid

2002

Boeing Research & Technology-Europe opens in Madrid

2008

Air Europa finalizes an order for eight 787 Dreamliners, with options for eight more

2018

Boeing delivers the first 787 Dreamliner to Air Europa

2019

Boeing announces it will upgrade all 17 of Spain's CH-47D Chinook helicopters to the F-model configuration