



AERONAUTICS IN THE OCCITANIE REGION



AD'OCC assists aerospace companies' set-up and development in Occitanie.



A HIGH FLYING REGION

 **1st**
World leader
in civil aeronautics

1st Leading French region for
higher education and research
in aeronautics

3 leading aircraft
manufacturers: Airbus
(world HQ), ATR (world HQ), Daher.

At the heart of Aerospace Valley, world innovation cluster for aeronautics, space, embedded systems.

AN ENTIRE ECOSYSTEM IN ONE REGION

 **655**
COMPANIES

90,000 
EMPLOYEES
in aerospace

30% of French aerospace
workforce

 **10** BILLION
EUROS sales
for the supply chain

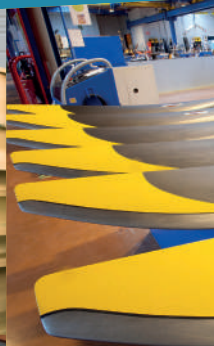
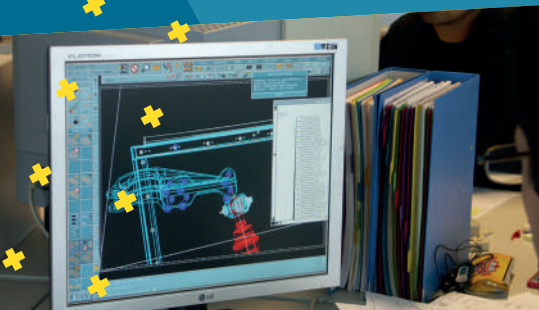
 **100**
FOREIGN COMPANIES

9,000 
RESEARCHERS
in aerospace

45% of French
research staff

19,000 
aerospace
STUDENTS trained

 **2** of France's 3
prestigious aerospace engineering
schools



AERONAUTICS INDUSTRY in Occitanie: a **UNIQUE** **CONCENTRATION** of players in Europe

**IN THE OCCITANIE REGION,
WE DESIGN, MANUFACTURE AND
MAINTAIN AIRCRAFT FROM A TO Z**

- Design Offices
- Metallurgy
- Machines Tools
 - Surface Treatment
 - Mechanical Engineering
 - IoT / Big Data / AI
 - Embedded Systems
 - Composite Parts
- Aerostructures
 - Interior Fittings
 - Software Development
- Drones
- Testing
 - Final Assembling
 - Air Traffic Management
 - MRO
 - Dismantling

25 LARGEST AERONAUTICAL COMPANIES* IN THE OCCITANIE REGION

AIRBUS
AIR FRANCE INDUSTRIES
AKKA TECHNOLOGIES
ALTEN
ALTRAN
ATR
AUBERT & DUVAL
CGI
COLLINS AEROSPACE

DAHER
EXPLEO GROUP
FIGEAC AERO
LATÉCOËRE
LIEBHERR AEROSPACE
LISI AEROSPACE
NEXEYA
NEXTEAM GROUP
SABENA TECHNICS

SAFRAN GROUP
SATYS
SOGECLAIR AEROSPACE
STELIA AEROSPACE
TARMAC AEROSPACE
THALES GROUP
WEARE AEROSPACE

▲▲▲▲▲
*in terms of workforce



HIGHER EDUCATION and RESEARCH



LEADING FRENCH REGION FOR DEDICATED HIGHER EDUCATION AND RESEARCH

- ▶ 2 of France's 3 prestigious Grandes Ecoles aerospace engineering schools: ISAE Supaero and ENAC
- ▶ Paul Sabatier University (Sciences)
- ▶ 5 prestigious Grandes Ecoles with extensive expertise in aeronautics (EMAC, ENIT, ENSEEIHT, ESMA, INSA)
- ▶ ICAM
- ▶ Toulouse Business School
- ▶ Saint Exupery and Frédéric Mistral Vocational aeronautical High School
- ▶ «Lycée Airbus» the aeronautics industry's private professional secondary school
- ▶ 7 doctoral schools
- ▶ Aeronautics and Space Campus

THE MOST PRESTIGIOUS RESEARCH ORGANIZATIONS

- IRT - Technological Research Institute, Saint-Exupery
- LAAS/CNRS (Laboratory of Analysis and Architecture of Systems/National Scientific Research Center)
- CEA Tech
- CEMES/CNRS (studies of matter)
- CERFACS (European Centre for Research and Advanced Training in Scientific Computation)
- CIRIMAT (Inter-university Center of Materials Research and Engineering)
- Clement Ader Institute
- DGA Aeronautical Systems (Center for expertise and ground tests of aeronautics systems and equipment)
- IRIT (Toulouse Institute of Computer Science Research)
- ONERA (The French aerospace lab)
- IES (Electronics and Systems Institute)
- LIRMM (Laboratory of Computer Science, Robotics and Microelectronics of Montpellier)
- LAPLACE (Laboratory on Plasma and Conversion of Energy)

“ AEROMART, a must-do event in Toulouse

Every other year, Europe's largest aeronautics business convention brings together 1,200 companies from 50 countries for 15,000 one-to-one meetings.



The OCCITANIE REGION points the WAY FORWARD



ARTIFICIAL INTELLIGENCE:

One of France's four AI Institutes is based in Occitanie. The 200 researchers at the Artificial Intelligence and Toulouse Institute (ANITI) are exploring new applications of artificial intelligence in the transportation sector.

ADDITIVE MANUFACTURING:

With over 30 companies involved in the entire production chain, along with 20 research centers and innovation leaders, Occitanie is a cutting-edge region in the field of AM.



MORE ELECTRIC AIRCRAFT:

A key priority of many regional companies and researchers. As an example, the Power Unit fuel cell developed in Occitanie by Safran is one possible solution to reduce pollutant emissions.

CYBERSECURITY:

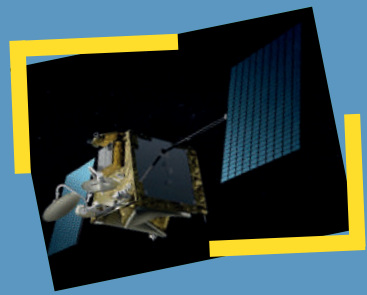
Regional companies (Thales Orange Cyberdefense, Scassi, SC, Serma Safety Security, Pradeo, Tixeo, etc.) offer a wide range of services and turnkey solutions.

INTERNET OF THINGS (IoT):

Occitanie offers a comprehensive range of services within IoT Valley (40 companies including SigFox and Cenaero employ a total of 700 people), in addition to well-established SMEs.

HYPORT:

Hyport is testing the use of hydrogen production and distribution stations to power ground-based vehicles at airport sites (Tarbes and Toulouse).



FROM AEROSPACE TO TOMORROW'S TRANSPORT SOLUTIONS:



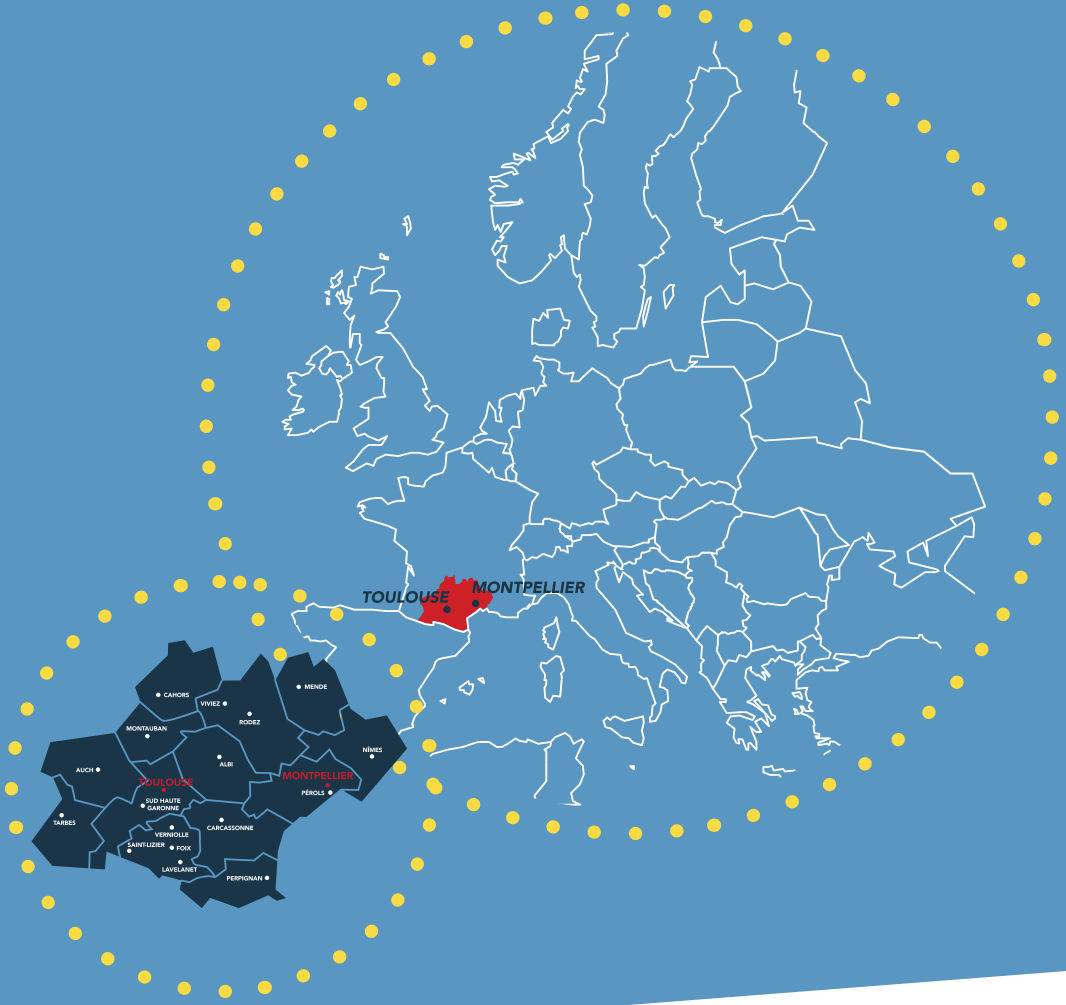
INVEST & TRADE IN OCCITANIE



As the Investment, Trade and Innovation Agency of the Occitanie / Pyrénées-Méditerranée region, we offer free consulting for your corporate location or partnership projects in Southern France.

For 25 years, we have been assisting aeronautical companies wishing to set up in Occitanie.

Contact us, Let's discuss your development plans!



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