

AEROSPACE INDUSTRY IN TUNISIA



AEROSPACE INDUSTRY IN FIGURES

+ 80

companies 90% of which operate offshore

+ 17,000

direct jobs

+ 1,500

direct jobs / year

3.5 %

of Tunisian GDP

8 %

average annual growth

SUCCESS STORIES

AIRBUS ATLANTIC (Stelia Aerospace), AL BADR AEROSPACE, CAPGEMINI ENGINEERING, CORSE COMPOSITES AÉRONAUTIQUES "CCA", PURSUIT AEROSPACE (Eurocast), FIGEAC AERO, HUTCHINSON, LATECOERE, MECACHROME, NEXTEAM, SABENA TECHNICS, SAFRAN, SOGECLAIR AEROSPACE, TELNET...

HIGHLY DEVELOPED AEROSPACE INDUSTRY

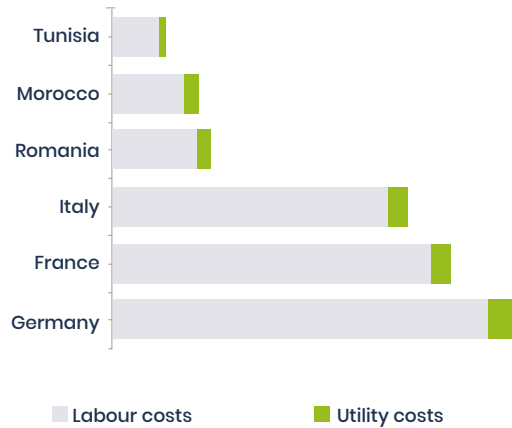
- **Aerospace industry** oriented towards **innovation and R&D** (CETIME, CRMN, CTC...)
- Upgrading, quality and industrial modernisation **programmes**
- **Certified aeronautical actors** (ISO 9001, EN 9100, NADCAP, ISO14001, ISO 18001, EASA, CMMI and others)
- **Professional and academic training** ecosystem dedicated to aerospace activities (ESAT, INSAT, ENIT, CEMIA, Sfax Aerospace Valley...)
- **Structured and efficient aerospace value chain**, favouring inter-industry synergy and exchange



QUALIFIED AND COMPETITIVE HUMAN RESOURCES



Annual operating costs



Source: fDi Benchmark, the Financial Times Ltd 2023

Pool of skilled talents

More than
260

academic
institutions

More than
1,000

vocational
training
centres

More than
65,000

graduates/year,
over 30% of whom
are in science and
engineering



Tunisia is **1st** in Africa in terms of graduates in science and engineering (%)

Source : (Global Innovation Index, 2022)

INTEGRATED SUPPLY CHAIN



- An **aeropole in El Mghira**: an integrated industrial platform located 10 km from the capital and covering an area of more than 200 hectares
- A **Centre of Excellence** for Aerospace Industry “CEMIA”
- **15 sector-specific training centres** in the fields of metal construction, electronics, mechatronics, telecommunications, general mechanics, plastics processing, maintenance and energy
- The Tunisian Aerospace Association Industries “**GITAS**” federates the branch covering all the professions in the aerospace value chain
- Two operational business parks in Bizerte and Zarzis, a competitiveness cluster in Sousse specialising in the fields of mechatronics, electronics and information technology and more than **150 developed industrial zones** spread throughout the country



Airbus Atlantic has chosen Tunisia to set up its **pilot production site for aircraft components** outside Europe. The group is **present** in the dedicated park of El Mghira over an area of 20 hectares.

SAFRAN has been present in Tunisia since 2004. SAFRAN TUNISIA is active in 4 industrial sites for the **production of Aeronautical equipment and systems**. It employs more than 3,000 employees and continues to expand its activity in Tunisia.

MASTERED VALUE CHAIN

CABLE HARNESES

- Cabling
- Assembly of subassemblies
- Board assembly

ASSEMBLY OF AEROSTRUCTURES

- Assembly of aircraft

PLASTICS PROCESSING

- Injection of technical thermoplastics
- Care and maintenance of moulds
- Integration of electrical and electromechanical subassemblies
- Wire bonding

ELECTRICAL ASSEMBLY

- Converters
- Battery chargers
- Wound elements
- Engines
- Generators
- Electrical transformers
- Measurements tools

FINE SHEET METAL

- Structural assemblies
- Structural riveting
- Formatting (CNC bending, assembling, riveting, TIG welding)

MECHANICS

- Casting of special alloys based on cobalt, nickel and stainless steel
- Precision engineering

SURFACE TREATMENT

- Chemical chromatisation of Aluminium
- Passivation of stainless steel
- Sulphuric anodic oxidation, colourless and black

ENGINEERING AND DESIGN

- Embedded software for calculators
- Inertial central test bench
- Simulators of avionics equipment



INVESTMENT-FRIENDLY REGULATION

- **Protection** of investors' **assets and intellectual property** rights
- Investment **premium** of up to **1/3 of the approved investment cost**
- **Tax exemption** on profits from investments for up to 10 years
- **Coverage** of employer's social contributions for up to 10 years
- **Premium** for the development of employment capacity
- **Preferential tax and customs regime**
- **Freedom to set up as a "free trade point", outside the free trade zones**

INVESTMENT OPPORTUNITIES

Aircraft composites / aerostructures / interior fittings / technical textiles / spare parts / 3D printing / aircraft storage / aircraft dismantling...

**Tunisia is
the first North
African country
to launch a 100%
home-grown
satellite**



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