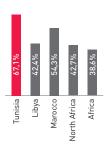


Tunisia benefits from
a key geographic
proximity to
European countries
and has signed free
trade agreements
with the markets of
Sub-Saharan Africa,
the Middle East and

Stock of inward FDI in GDP % - 2018



A CENTRAL POSITION IN THE EUROMED AREA



Main free trade / trade agreements ratified by Tunisia

Population (2018) **11,55** millions

Surface Area 163 610 km²

Time zone
GMT + 1 hour

Capital Tunis
(1,07 m inhabitants)

Economic openness rate

87,7% (en 2017)

Free trade agreements UE, COMESA, UMA, GAFTA

Tunisia's growth rate rose from 1.5% in 2015 to 2.5% in 2018 - According to Government estimates, this trend is likely to continue, reaching 2.7% in 2020

KEY FIGURES



GDP growth rate (2018)
2,5%

GDP (\$, 2018) 39,86 m \$

GDP / capita (PPA \$, 2018) 12 483 \$ CPI inflation (2018) **7.3%**

Evolution of GPD in billion TND (2008-2018)



FDI inward stock (2018)
26 792 m \$

of FDI projects announced (destination Tunisia 2018)
554

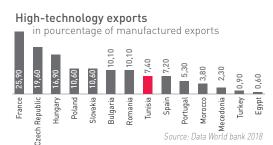
Flow of foreign direct investment (2018)
1 036 m \$

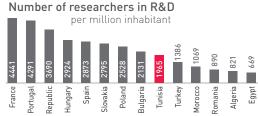
of FDI projects announced (source Tunisia 2018)

93

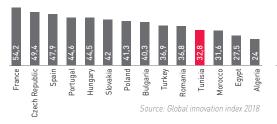
Tunisia has a favorable position compared to competing destinations on the basis of the most relevant international rankings

TUNISIA IN THE INTERNATIONAL RANKINGS

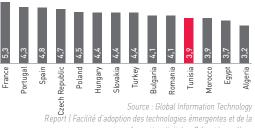








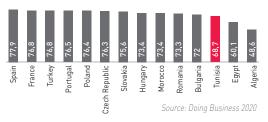
Networked readiness index



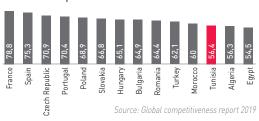
transformation digitale = 7 étant le meilleur

Source: Data World bank 2018

Doing Business Score



Global competitiveness index



In 2018, the aviation sector has contributed to around 3.8% of the GDP - since 2004, the number of companies operating in the sector has been growing steadily, around 8% per year, to reach 80 companies with a vast majority of which are foreign companies

Progression of the number of companies



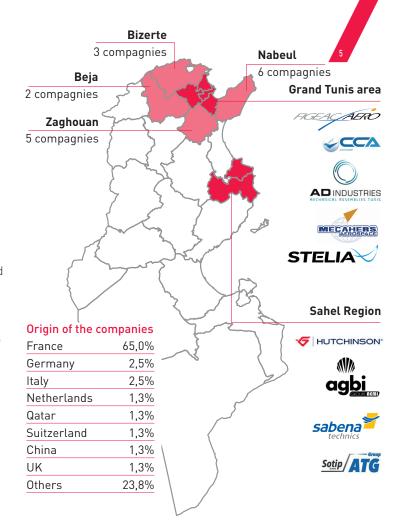
 The aviation sector in Tunisia contributes nearly 3.8% of the national GDP and has recorded continuous growth since 2004.
 The sector has 80 national and international companies operating throughout the value chain, distributed as follows:

57% 19%
Metal Electrical and Electronic works

13%
Engineering,
ks consulting and training
services

7%Composite
Systems

4% Aviation Maintenance



Since 2006, the main players in the sector have been grouped together within GITAS in order to strengthen and promote exchange, collaboration and synergies between them

THE GROUP OF TUNISIAN AVIATION AND SPACE INDUSTRIES GITAS

- CCreated in 2006, GITAS is a Group of 50 Tunisian and foreign companies operating in the Aviation and Space sectors concentrated around 4 big poles: the Greater Tunis area, the Sahel region, Soliman and Zaghouan
- GITAS's mission is to:
 - **Support exchange, collaboration and synergies** between companies working in the aeronautics and space sector located in Tunisia
 - Promote the development of an environment favorable to the aviation and space industry in Tunisia and abroad
 - Support the emergence of local suppliers with the necessary approvals
 - Actively and directly **participate in the implementation of training modules** adapted to the current and future needs of the aerospace industry













COVERING THE WHOLE CHAIN OF VALUE OF THE SECTOR ENGINEERING AND DESIGN | MANUFACTURING | MAINTENANCE































































































Several «success stories» and regional champions have emerged in recent years, and have contributed to making Tunisia one of the main hubs of the African continent in this sector

EXAMPLES OF SUCCESS STORIES AND REGIONAL CHAMPIONS

- Established in Tunisia in 2003 (formerly ZODIAC AEROSPACE) in Soliman in the governorate
 of Nabeul the company has experienced significant growth leading to its diversification
 on several axes and the creation of 4 sites: Zodiac automotive, Zodiac equipment, Zodiac
 seats and Zodiac composites sites monuments
- The company employs more than 3500 people
- Zodiac Tunisie has set up one of the group's most important research and development centers on a regional scale



- STELIA Aerospace Tunisie is located in the city of M'Ghira (south of Tunis) on a site with a surface area of around 15,000 m²
- The company, **specialized in the assembly of subsets**, has expanded, with a 20 hectares park and 6 partners, thus creating a one of its kind aviation park in **Africa**
- The company, considered as the main world producer of the front part of the Airbus A320, has a steadily growing activity, in particular thanks to the increasing production of the A320, NEO and CEO aircraft families.



- The company MECAHERS AEROSPACE was created in 2010 in Soliman in the governorate of Nabeul then relocated to El Mghira on a site of 10,400 m² including 5,400 m² covered area.
- The company, which specializes in the production of **subsets**, **sets and sheet metal parts** intended for the aviation sector, currently employs more than **300 employees**.
- With Stelia as its main customer, the company produces parts for the AIRBUS A320, A330 and A350 programs
- The company recorded an average growth of 30% between 2012 and 2015

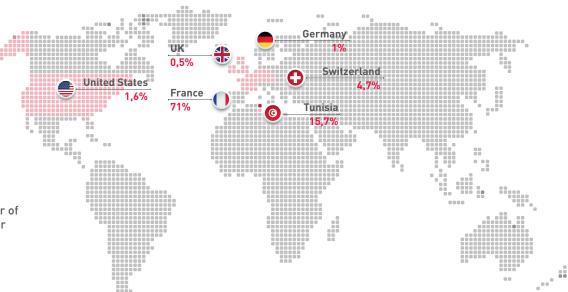


- Established since 2012, the company is located in El M'Ghira in the Stelia park and had more than 620 employees in 2018
- The company has a production capacity of more than 20,000 hours per month and specializes
 in the manufacture and assembly of structural parts and subset parts intended for
 aeronautics as well as surface treatment and painting.



The aviation sector employed more than 17 000 people in 2018, with an average annual growth of 8,3% over the 2011 - 2018 period

BREAKDOWN OF JOBS BY COMPANIES NATIONALITY



Progress of the number of employees of the sector



42% metalworking



Distribution of jobs by sector

Electrical and electronic works







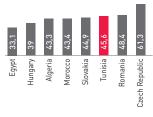
On average, more than 7500 engineer graduate each year - according to the «Global Competitiveness Report". Tunisia ranks first in North Africa in terms of quality of vocational training, graduates skills as well as with regards to the ease of access to skilled

A POOL OF TALENTS covering the automotive sector's needs

- Over 7,500 engineers graduates annually
- 47 Schools and establishments (public and private), offering engineering training
- 25 Higher institutes of technological studies ensuring the training of qualified middle managers and technicians and meeting the needs of companies
- + 60 public vocational training centers, covering the entire Tunisian territory



Quality of vocational training (score)

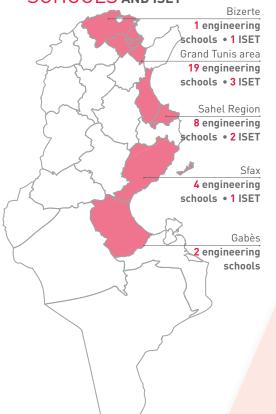


Graduates 'skills (score)

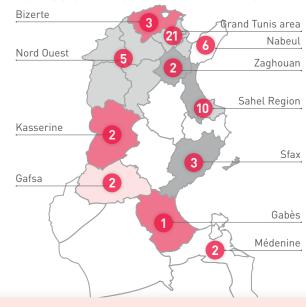


Several engineering schools and the **Higher Institute** of Technological Studies cover the various needs of the aviation sector. by ensuring the training of a talent pool made up of qualified engineers and technicians...

DISTRIBUTION OF ENGINEERING SCHOOLS AND ISET



DISTRIBUTION OF STATE CENTERS OF PROFESSIONAL VOCATIONAL TRAINING



+60 state Centers of vocational training distributed over the whole tunisian territory

- Automobile inspection training
- Maintenance training
- Technology training
- Electromecanical training

... As well as training structures dedicated to the aviation sector offering training courses oriented towards the needs of the sector and integrating the new challenges facing the

TT TRAINING CENTER: 1ST AFRICAN CENTER DESTINED TO THE AERONAUTIC MAINTENANCE SECTOR

- 1st african center dedicated to the aeronautic maintenance
- A partnership with Airbus for the training of 30 trainees per month from the Arab world and the African continent on Airbus and Boeing aircraft
- An accredited training in conformity with the European requirements offers a set of training courses administered by the major players in MROs
- Aircraft PART 145 certification and educational infrastructure identical to that used by Airbus

AN EXCELLENCE CENTER DEDICATE TO THE PROFESSIONS OF AERONAUTIC INDUSTRY (CEMIA)

- ... Set up on a 6,500 m² plot in the El Mghira region, the center includes 10 workshops,
 1 computer laboratory, 1 control laboratory, 1 electrical and electronic works laboratory and
 6 teaching rooms ...
- •... and delivers a 2 year certification course, leading to a **Brevet de Technicien Professionnel** (BTP) (Professional Technician Certificate)
 - Technicians specialized in Mechanical manufacturing technicians on numerically controlled machines
 - aviation cable assemblers
 - Aircraft structure fitters
 - aviation boilmakers
 - Surface treatment and aviation painting technicians
 - Specialists in stratification of composite materials

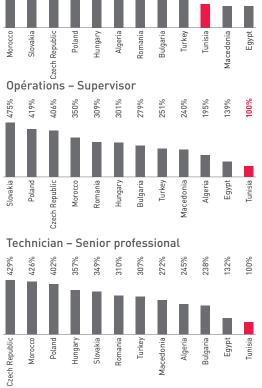
The cost of labor is a major competitive asset of the Tunisia destination. The average annual cost of Tunisian engineers is largely competitive compared to the main competing destinations ...

...the same applies to operators and technicians (1/2)

... the same applies to operators and technicians (2/2)

cost of the LABOR





Engineer - Senior Professional

200% 184% 175% 163% 159% 139% 101%

The country has also a multitude of integrated and developed facilities aiming to promote R&D, production and training activities ...

COMPETITIVENESS CENTERS, TECHNOPOLES AND CYBER PARKS

- 10 Competitiveness centers and Technopoles spread over the whole Tunisian territory focusing on the promising sectors of the Tunisian economy
- 18 regional cyber parks support new business creators during the incubation phase of business projects



- One of the biggest technology parks in Africa
- A surface area of 155 hectares
- More than 100 national and foreign ICT companies
- Microsoft
 Innovation Center Tunisia











- A surface area of 10,5 hectares
- A R&D center
- An integrated facility to host:
- Academic and research training activities
- Innovation and transfer of technology activities
- Production and development acticities

NOVATION CITY

- A surface area of 60 hectares
- More than65 companies
- The technopole has 3 laboratories:
- Microelectronic systems
- Advanced Material
 Systems and nanophysical systems
- Microsystems of physical chemical and biological weapons



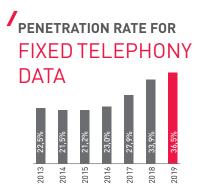
... and has set up a development program for industrial parks, in line with its national regional development strategy A LAND DEVELOPMENT PLAN
THAT MEETS THE INDUSTRIAL SECTOR'S NEEDS

New industrial parks and industrial parks currently up for sale- 2017

- Tunisia has more than 150 industrial parks
 covering more than 10 thousand hectares. The
 average price per square meter in the areas currently up for sale is about 40 TD / m² equivalent
 to around 12 € / m²
- Tunisia has set up a 2016-2020 program for the development of industrial parks aiming to develop more than 65 industrial parks for a total surface area of more than 2,000 ha at an estimated cost of more than 650 million Dinars, distributed as follows:
 - 51 regional development zones over a surface area of 1,508 Ha
 - **18 industrial parks** over a surface area of 746 Ha in the rest of the country
- ...as well **as a program to renovate 60 industrial parks** for a total surface area of over 1,576 ha at an estimated cost of more than 150 million Dinars, distributed as follows:
 - 20 regional development areas over a surface area of 400 Ha
 - **40 industrial parks** over a surface area of 1,176 Ha in the rest of the country



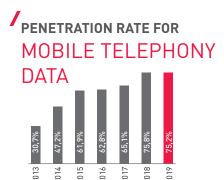
The penetration rates of fixed and mobile internet have been growing strongly over the 2013 – 2019 period driven by the democratization of 4G and Data Boxes



DISTRIBUTION OF SUBSCRIBERS IN FIXED TELEPHONY DATA BY CONNECTION

	4Mb/s	8Mb/s	12Mb/s	Other
2017	67 , 5% ▼	24,7% ▲	3,6% ▲	4,2%
2018	54 , 2% ▼	34,1% ▲	8,0% 🛦	3,7%
April 2019	47 , 2% ▼	38,0% ▲	11,3% 🔺	3,5%

 The fall in internet access costs was accompanied by a significant improvement in ADSL access with speeds of 8.MB / s and 12MB / s



- The growth in the number of internet connections is driven by the democratization of mobile data
- The mobile data penetration rate was 75.2% at the end of April 2019
- Tunisia has started preparations for the launch of 5G networks - a study on the advisability and the technical and economic conditions for the introduction of 5G is scheduled for the end of 2021

The aeronautical sector is one of the priority sectors mentioned in the new investment law which aims to promote investment, regional development and innovations (1/2)

Type of incentive	Rate of incentive / Tax Incentives	Incentive limit			
	Zone 1 : 15%/ investment cost Zone 2 : 30%/ investment cost	Zone 1: 1,5 MDT Zone 2: 3 MDT			
	Zone 1: Total deduction at 100% from the tax b payment of 10% after	tal deduction at 100% from the tax base for 5 years and yment of 10% after			
Regional Development	Taking in charge of the employer's contribution= 5 years				
(except negative list)	Zone 2: Total deduction at 100% from the tax base for 10 years and payment of 10% after				
	Taking in charge of the employer's contribution = 10 years				
	Deduction from the corporate tax base, revenues or profits reinvested in the subscription to the initial capital or in its increase				
Drianity costons	15% /investment cost	1 MDT			
Priority sectors	Taking in charge of the employer's contribution= 3 ans				
	450/ /:	4.407			
Economic branches	15% /investment cost	1 MDT			
Infrastructure	Zone 1: 65%	10% /project cost			
subsidy (DR)	Zone 2: 85%	Maximum limit 1MD			

The aeronautical sector is one of the priority sectors mentioned in the new investment law which aims to promote investment, regional development and innovations (2/2)

Incentive Type	Incentive rate / Tax Incentives	Incentive limit	
Material investment : New technologies and productivity enhancement	50% component cost	500 KD	
Intangible investment	50% component cost	300 KD	
Research and development expenses	50% component cost	500 KD	
Certified trainings expenses	70% component cost	20 KD/company	
Employability incentive	Taking in charge of the of salaries according to management rate		
Sutaibnable development incentives	50% component cost	300 KD	

PROJECTS OF NATIONAL INTEREST PIN

Mapping of bonuses and incentives of projects of national interest (PNI)

Eligibility criteria

Investment cost is higher than 50 MTD or creation of minimum of 500 jobs over 3 years

Meets one of the 4 objectives of the investment law

Process for obtaining bonuses and incentives

Study of projects at the level of the l'Instance
Tunisienne de l'Investissement (Tunisian
Investment Authority)

Submission to the Investment Council for approval of advantages

Bonuses and incentives

Investment incentives within the limit of 1/3 of the investment cost with a maximum 30 MTD

Tax exemption over a period up to 10 years

→ Infrastucture works taken in charge by the State

Support for the employer's contribution to the social security scheme up to 10 years

Granting of non-agricultural state land: long-term rental or in symbolic dinar

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