



Toulouse - Some Key Facts







TOULOUSE

Almost 472 000 citizens 4th biggest city in FRANCE



Toulouse - Some Key Facts

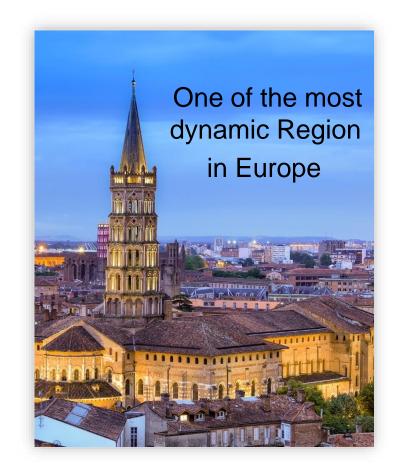
- World capital of aeronautics
- European capital of space industry
- Toulouse plays a key role in international space projects such as Galileo, Curiosity (Mars) or Philae ...
- The A380, the largest aircraft in the world
- **25%** of population are students
- European capital of Science (European label)

Other important facts:

- Jean TIROLE, laureate of the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel in 2014
- 3 UNESCO World Heritage sites (8 in Occitanie Region)

Basic economic aggregates:

- Economic growth: +2,9%/year in Gross Domestic Product per capita – in Europe's top 10 urban areas (of more than 1m people
- R&D investment: €5bn/year, 4,8% of GDP– in Europe's top 10 Regions (2013)



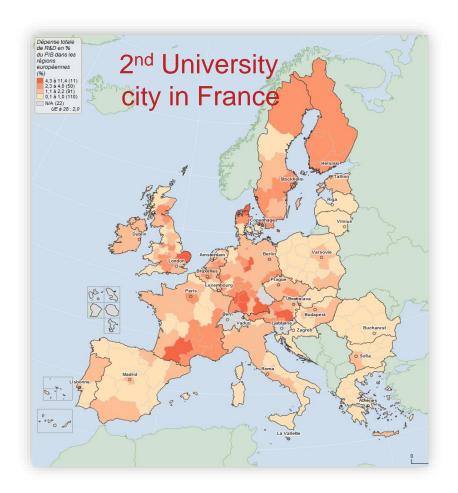






Toulouse - A Top 10 R&D region in Europe

- Midi-Pyrénées / Occitania, 6st most R&D oriented region with expenses totaling 4.8% of GDP (cf. illustration)
- 1st French city for the annual arrival rate of highly educated workers (research and design executives: 6,17 for 1000 jobs; Paris 5,57 -Bordeaux 3,34; INSEE 2013)
- 1st French city in research intensity with 16.2 researchers for 1000 employees
- 1st French region for executives working in R&D: 40%







Toulouse - World Capital of Aeronautics

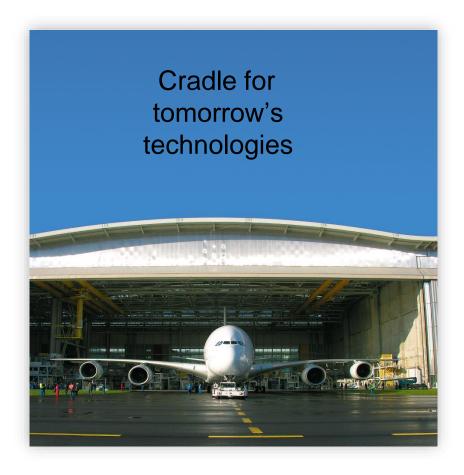
25% of the French R&D in Aerospace

85,000 jobs in 700 companies

Airbus Group World HQ 718 aircrafts delivered / 850 net orders in 2017

1st French industrial site: 650ha & 40k employees

Design, final assembly, flight tests







Toulouse - European Capital of Space

- Satellite imagery (SPOT IMAGE),
- Meteorology (METEO France)
- Oceanography (MERCATOR OCEAN)



A Finmeccanica/Thales Company











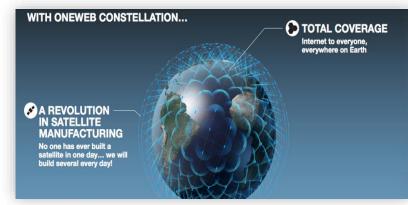
25% of European workforce 12,000 jobs in 400 companies

French **National Space Agency major** site

Design et fabrication de satellites: 10,000 m² of clean rooms

OneWeb FAL opened mid **2017 using Airbus Group** manufacturing capabilities

Exploration of Mars, **International Space Station,** Rosetta mission...









Toulouse - A large choice of partners and contractors

AERONAUTICS

































































VECTOR >















Toulouse - A French Tech City

- 3,000 IT companies / 200+ startups & 78 newly founded since 2014
- 38,000 IT jobs / 1 298 startup jobs created since 2014

intent

UWINLOC

- 94 startups have raised 414M€ since 2014 / 11 have
 raised 185M€ in 2016
- 6 startups in Deloitte Technology Fast 500 2016 EMEA
- 20 public and private accelerators
- 163 R&D centers
 - 20,000 highly qualified students



Internet of Things

mintesens

myfox ADVEEZ

sigfox





Healthtech / Medtech







Retail









University of Toulouse - A federation of institutions

University of Toulouse is a legal body gathering Higher Education and Research institutions



University of Toulouse - Key facts and numbers

- University of Toulouse, founded in 1229, is one of the oldest in Europe (almost 800 years old)
- 2nd largest University in France
- European University, LMD system (Bologna process)
- Bachelor (L), Master (M), PhD (D)
- Large possibilities of majors:
- Law, Economy, Management Humanity & Social Sciences –
 Arts, Literatures, Languages Sciences & Technology, Sport Health









University of Toulouse - Simplified Chart

Department of Academic programs and Student life

Vice-Rector

Operating manager

- Academic training
- Student life
- Student entrepreneurship

Prof. Philippe RAIMBAULT *President*

Department of Research and Innovation

Vice-Rector

Operating manager

- Research and Animation
- Doctoral schools and Programs (PhD)
- Innovation and Valorization

Department of European and International Relations

Vice-Rector

Operating manager

- International Partnerships
- Mobility exchanges
- Europe
- PhD studies
- French and Foreign languages courses

University of Toulouse



University of Toulouse - A Federation of Institutions

23 Members: 4 Universities, 1 National Institute of HE and 18 Engineering and Specialized Schools, 1 Teaching Hospital, 7 National Research Bodies, settled in 11 towns











































École nationale supérieure d'architecture de Toulouse







University of Toulouse



University of Toulouse - A federation of institutions

7 National Research Bodies:

National Center for Scientific Research



National Institute for Agricultural Research



National Institute of Health and Medical Research



• Research Institute for Development



- The Aerospace Research Center
- Space Studies Research Center
- Center of Meteorology

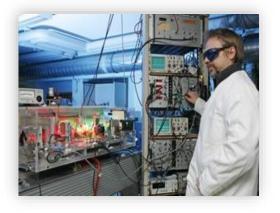






University of Toulouse - Key facts and numbers

- 18 institutions / 7 research bodies
- 144 Research labs
- More than 100 000 students (B 55% M 40% D 5%)
- **16 700** foreign students
- 32 500 degree awarded / year



- 15 doctoral schools
- 900 PhD thesis awarded each year
- 4 300 PhD candidate
- 6 000 researchers and faculty
- 6 500 staffs



- 1 000 permanent foreign researchers
- Fastly developing Master fully taught in English









University of Toulouse - PhD / Doctoral Schools

Science and Technology



Biology, Health and Biotechnologies



Ecology, Veterinary, Agronomy, Bioengineering



Geosciences, Astronomy and Space Sciences



Mathematics, Informatics, Telecoms



Electrical, Electronics, Engineering



Systems



Physics, Chemistry and Materials Sciences



Mechanics, Energetics, Civil and Process Engineering



Aeronautics and Astronautics

Human and Social Sciences



Behavior, Language, Education, Socialization and Cognition



Arts, Literature, Languages, Philosophy and Communication



Time, Spaces, Societies, Culture

Economics and Law



Law and Political Sciences



Management Sciences



Toulouse School of Economics

University of Toulouse



University of Toulouse – granted excellence programs

Granted by the French program 'Invest for Future' (Highly selective calls for French Universities)

LabEx (Center of excellence)

- •TULIP (Ecosystem resilience)
- NEXT (Nano measurements)
- •IAST (Institute for Advanced Study in Toulouse in social sciences)
- •SMS (Sociology ans social order)
- •TOUCAN (cancer)
- CIMI (Mathematics and computer sciences)
- IAM-TSE (Economics and Business)

Graduate schools (International PhD tracks – Links between Master and PhD studies – more links with research)

- MINT (Math Interaction)
- •TULIP (Ecosystem resilience)
- •**TSAE** (Aeronautical engineering)
- •**TESS** (Earth sciences)
- CHESS (Social sciences)
- CARE (Medicine and aging)
- BIOECO (Biomass and agro-resources)
- •NanoX (Nano-Physics)
- •ANITI GS (Artificial Intelligence)

Interdisciplinary Institute for Artificial Intelligence

·ANITI





University of Toulouse – granted excellence programs

ANITIArtificial and Natural Intelligence Toulouse Institute



- Toulouse supported by the French government to become a leading place for research and innovation related to AI (after a selective call, best ranking with Paris)
- Integrative Institute receiving 80M€ per year to challenge the future of transport/mobility, robots, and economic/social issues related to AI
- Attracting scholars from abroad
- Educating the best students for research and entrepreneurship in AI
- Becoming a central node in the network of AI Institutes in Europe



University of Toulouse – international excellence



Top 50 Shangai "Subjects"

Leading positions in Europe in central topics, as climate change, social sciences, mathematics:

5-WW (1-EU) Remote sensing

21-WW (4-EU) Oceanography

21-WW (1-EU) **Economics**

31-WW (5-EU) Earth Science

42-WW (10-EU) Mathematics

45-WW (10-EU) **Atmospheric Science**



University of Toulouse - International Office

Missions and Objectives focused on Internationalization

- Targeting TOP 100-150 ranking in 5 next years
- Active policy of exploring potential partners and of welcoming foreign delegations
- •Strategic Partnerships with top leading universities worldwide
- Manages an office in charge of European Affairs
- Promotes and manages student mobility (fairs, tools for ingoing and outgoing)
- •A policy of "premium" welcoming dedicated to foreign researchers and students
- Develops Masters fully taught in English, fosters double-degrees
- Promotes the PhD studies at an international level (cotutelle, co-supervision)
- Offers and manages French language courses for foreigners



University of Toulouse - International Office

Tools for ingoing and outgoing student mobility

*TOUL'BOX, the unique welcome kit in France

Created in 2014, this service helps the students to prepare their stay from their home until they have settled in: long-term accommodation booking, pick up at the airport or at the train station, bank account opening, Housing insurance, language courses, individual appointments with the Toul'Box team etc...



https://toulbox.univ-toulouse.fr/

MOUV'BOX

Created in 2017, this service supports students who want to live an experience abroad: mobility opportunities, country profiles, practical information, administrative procedures, student and professional testimonials etc....



https://mouvbox.univ-toulouse.fr/





Thank you for your attention

www.univ-toulouse.fr

