

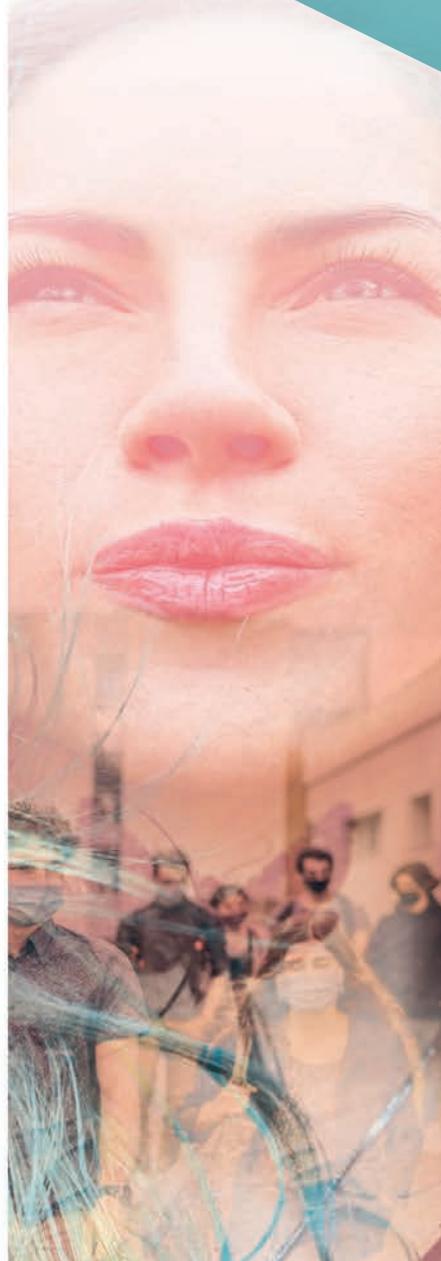
**INSA**

INSTITUT NATIONAL  
DES SCIENCES  
APPLIQUÉES  
TOULOUSE

Annual Report

**2021**

*Let's help  
change the world*



# 2021

*Let's help  
change  
the world*



You can find the digital version of the annual report at:  
<https://rapport-activite.insa-toulouse.fr/en/>

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Following a hectic period that spanned the last few years of development of educational and research projects, the modernization of our public policies, the internal and external growth of the INSA Group and the Université Fédérale de Toulouse, and the enhancement of our attractiveness, we devoted the year 2021 to consolidating our achievements and ongoing transitions. We also focused on the well-being of our community, the transformed inclusiveness of the INSA model, and on securing our financial future.

The contributions of the 2040 Prospective approach and the ecological, digital and social transitions in terms of education, research and administration must be clearly articulated in the coming years. This implies making choices together for sustainable activities and in a quality environment.

The year 2021 has thus been devoted to collectively defining the major projects for the period 2021–2026 within our institution and, in our larger ecosystem, to building a project for the institutional structuring of the Toulouse academic site and to asserting the development of the INSA Group.

For the coming year—in addition to overhauling our educational offer to address climate–energy, digital and social issues—the major challenge for the INSA Group will be to redefine its social inclusion model. In this regard, too, we shall embrace our differences to redefine access to our schools for students from underprivileged backgrounds, with the same requirements for academic excellence and the same guarantee of success and social integration.

*“I would like to express our commitment to learn as a community and to put our scientific, research and educational potential at the service of a world that is in dire need of a collective intelligence.”*

*Bertrand Raquet,  
Director of INSA Toulouse*

# THE SYNERGY OF ACADEMIC AND RESEARCH EXCELLENCE

Being listed in the famous Shanghai Ranking was but one of the highlights in 2021 for the Institut National des Sciences Appliquées de Toulouse. We pushed forward with the initiatives set for the year thanks to the resilience and commitment of our students, staff and alumni, and despite a year once again marked by the health crisis.

The excellence status of INSA Toulouse as a public, multidisciplinary and international engineering institute was reinforced in 2021, both by its 5-year educational program and by the quality of its academic and applied research, which evolves alongside the major challenges of the 21<sup>st</sup> century. These features are also expressed through ecological and responsible practices on campus.

## INSA TOULOUSE CORE VALUES

- Diversity and inclusion
- Sense of community
- High-quality education
- Innovative teaching methods
- Cutting-edge research
- Committed students
- Strong international focus
- Solid industrial partnerships
- Dynamic campus
- Outstanding employment rate

Founded in

**1963**

**3,297**  
students

**18,320**

engineering degree graduates

**1,000**

researchers, teacher-researchers  
and teaching, research and administration  
support staff on the INSA Toulouse campus

-----

In 2021

**549**

engineering degree graduates

**76**

PhD graduates

**50%**

of students living on campus

**€59.5M**

INSA's consolidated expenditures

## INSA Toulouse is listed in the Shanghai Ranking (rank 801–900)

INSA Toulouse has been included in the Shanghai Ranking. This prestigious ranking recognizes the scientific potential of its community and laboratories, with the support of research organizations (CNRS, INRAe) and member institutions of the Université Fédérale de Toulouse Midi-Pyrénées.



### INSA 2040 PROSPECTIVE APPROACH

During the Prospective Workshops organized in 2020, INSA Toulouse identified nine Ambitions that outline its progressive transformation course. The Workshops led to the formulation of concrete action proposals for each Ambition, which were submitted to wide community consultation and to arbitration by the INSA Toulouse Councils. A summary of the consultation results was released in April to introduce the priority actions included in the 2021–2026 action plan.

#### Nine ambitions for a purposeful future

1. A learning community and a superior quality of work life in an eco-responsible campus
2. A decompartmentalized organization
3. A humanistic and inclusive profile of INSA engineers
4. Multidisciplinary research central to institutional development
5. Continuous innovation in pedagogy and education
6. A global internationalization
7. A transformation alongside our socio-economic partners
8. A digitally transformed institution
9. A new economic model

# 2021

# INSA

TOULOUSE

### New waste sorting policy

Starting in January 2021, a new waste collection scheme has been implemented to support the institution's efforts in creating an eco-responsible campus.



### Two new sustainable development advisors

Sandrine Laguerre and Gilles Hébrard were appointed INSA sustainable development advisors in November 2021.

#### THREE PRIORITIES:

1. Decreasing the carbon and energy footprint of our buildings through the reduction of waste, a steady improvement of the energy management of the facilities, and the implementation of an energy mix on campus in concert with the INSA heritage department.
2. Carrying out the institution's GHG (greenhouse gas) emissions assessment.
3. Reducing the ecological footprint of the university restaurant through a reduction in meat consumption and an increase in the availability of vegetarian meals.



*“The objectives of the multi-year contract were identified according to strategy elements outlined in the central councils, the contributions of the INSA 2040 Prospective and the external evaluations (HCERES, CTI, ISO 9001, etc.) conducted in 2020.”*

*Julien Saint Laurent,  
Director General of Services*

### Drafting of a multi-year contract

2021 was a pivotal year for the implementation of the 2021–2026 multi-year contract with the government. The INSA 2021–2026 multi-year contract includes three sections: a common section corresponding to the site contract, signed by all institutes and the MESRI; a section specific to INSA Toulouse; a third “territorial” section to be signed by the federal government and the local authorities (Region).

Five axes were selected:

Axis 1: Contribution of the institution to the site policy, within a dual ecosystem framework: the INSA Group and the Université Fédérale de Toulouse Midi-Pyrénées

Axis 2: Consolidation of a value-based community

Axis 3: Serving and reaching out through science and technology

Axis 4: Diversification of learning

Axis 5: Strengthening the quality of work life within a sustainable economic model

# ENGINEERS AND DOCTORS TRAINED TO INNOVATE

Training engineers and doctors in science and technology takes five and eight years respectively.

The INSA educational model has been built over a long period of time, using pluralist pedagogies adapted to a wide range of learners. Now and in the future, INSA Toulouse promotes specialized degrees to facilitate the sustainable transformation of the socio-economic world, in line with the challenges of the 21<sup>st</sup> century.

In addition to its associated disciplinary strengths, the learning approaches in an interdisciplinary context and novel combinations with the humanities and social sciences will prove decisive in shaping the scientific leaders that will advance our societies.

*“As part of a continuous improvement approach, we seek to ensure that the engineering program at INSA Toulouse evolves alongside the ecological, digital, social and industrial challenges of the world, while reasserting INSA’s commitment to training humanist and responsible scientific leaders.”*

*Claude Baron,  
Vice-President of the Board of Studies*

**3,297\***  
students enrolled

**37%**  
female students

**29%**  
scholarship holders based on social criteria  
(Crous scholarships)

**21%**  
international students

-----  
115 students with disabilities who receive individual support from INSA Toulouse

-----  
**2,769**  
engineering students, of which:  
2,475 students  
(including 47 Sup'EnR students)  
178 apprentices  
19 in continuing education courses  
89 with work-study contracts  
8 in gap year

-----  
93 Master students

240 PhD students

46 Advanced Masters

81 international  
exchange students

117 exchange students  
(from French higher education institutions)

**549**

engineering graduates  
of which:

456 regular students

39 in apprenticeship

2 in continuing education  
courses

52 with work-study contracts

-----

**+ other graduates**  
50 students receiving an  
Advanced Master's Degree

63 Masters

76 PhDs

## A roadmap for the evolution of our educational offer

The institution is implementing an education evolution roadmap to sustain the continuous improvement of its engineering degrees, in line with the skills required by a changing world and grounded in a multidimensional teaching approach.

This roadmap integrates the various transitions (ecological, digital, and social) and the purpose of handing back valuable time to students and the teaching community.

## ClimatSup INSA

ClimatSup INSA will enable the integration of socio-ecological challenges at the core of the INSA Group educational offer, as a result of the work carried out by INSA teams in the field, guided and supervised by experts from The Shift Project. February saw the publication of the progress report on these activities.

*“The Department of Studies joined the INSA Toulouse certification field in 2021. This certification includes approaches aimed at simplifying and streamlining interdepartmental work, rendering our work even more efficient.”*

*Chloé Mauroy,  
Director of Studies*



## INS'ART: an artistic and educational project accessible to all students

Through its INS'Art project, INSA Toulouse seeks to develop artistic practice and knowledge as part of the engineering education. Over the five-year INSA curriculum, INS'Art will take different forms: artistic and cultural exploration pathways linked to the curricula of partner institutions; an Art'Lab for creating and experimenting through the association of arts, technologies and sciences; and research initiation projects.

### Enrolled in specific pathways:

96 high performance athletes

32 musicians

18 dancers

17 comedians



## Grand opening of the MFJA

The Jacqueline Auriol Training Center (MFJA) has welcomed its first students. It features all the courses of the Mechanical, Production and Aeronautical Engineering program of the Université Fédérale de Toulouse Midi-Pyrénées, bringing together students from different institutions: INSA Toulouse, the Faculty of Science and Engineering at the University of Toulouse III, the Institute of Technology Paul Sabatier, ISAE-SUPAERO and the AIP-Primeca Occitanie group.

## First Climate-Energy Week

During the Climate-Energy Week, students and staff developed their insight on ecology and sustainable development through conferences, debates, workshops, a waste collection rally, and role-playing scenarios.

More than 400 first-year students were introduced to the 'climate mural' – a scientific, collaborative and creative workshop that provides a fun way to raise awareness on climate change.

# RESEARCH-DRIVEN SPECIALIZATIONS THAT ANTICIPATE NEEDS

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**AUTOMATIC CONTROL  
AND ELECTRONICS**



**BIOLOGICAL  
ENGINEERING**



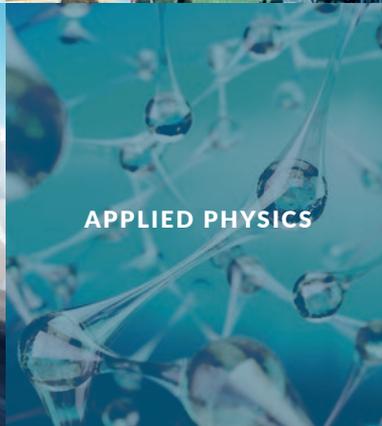
**CIVIL  
ENGINEERING**



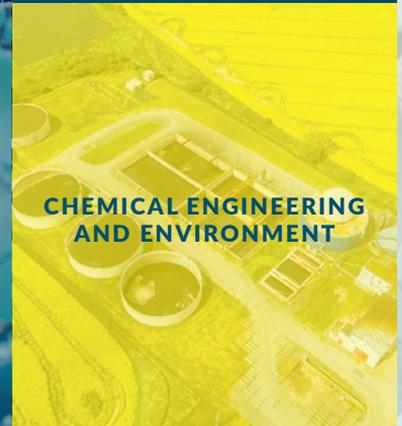
*To tackle future  
social challenges*



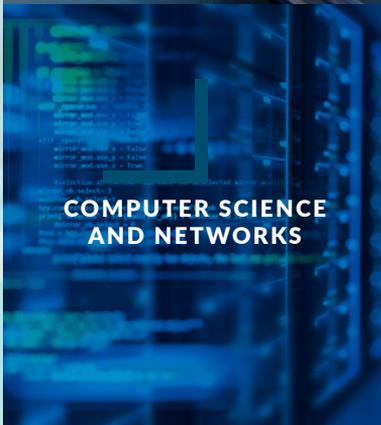
**MECHANICAL  
ENGINEERING**



**APPLIED PHYSICS**



**CHEMICAL ENGINEERING  
AND ENVIRONMENT**



**COMPUTER SCIENCE  
AND NETWORKS**



**APPLIED MATHEMATICS**

**Double degrees with:**

Sciences Po Toulouse

Toulouse School of  
Management

Toulouse Business School

École d'Architecture de  
Toulouse

INP-ENSEEIH

## Continuing education

### Lifelong learning

90

enrolled students with work-study contracts

16

engineers in INSA continuing education programs

5

French engineering degree successful applications

22

students enrolled in Advanced Masters

(3 IOT, 2 VALDOM, 5 Data Security, 12 IAI)

of which

14 with work-study contracts

7

students in VAE

### ATOS – INSA Toulouse – Région Occitanie partnership

In its search for cybersecurity professionals, ATOS called on INSA and Région Occitanie for recruiting candidates. Two job seekers were selected to attend a refresher course, to join the Advanced Master in Data Security (TLS-SEC) and to complete a final-year internship in the company.

### Training programs

13

internships

468

hours of internship

74

people enrolled

### Significant increase in work-study contracts

90 engineering students signed a work-study contract in 2021 (compared to 64 in the previous year). Now available for all specializations, the work-study contract lets a company assist an engineering student during his or her final year of study. For the student, it represents a real first step into working life!

### The Advanced Master in Safety Engineering and Management, listed on the RNCP

The Advanced Master in Safety Engineering and Management has been listed on the RNCP (French acronym for the National Directory of Professional Certifications) since May 2021. The RNCP is a collection of professional certifications (degrees, diplomas, some professional qualification certificates) recognized by the State and social partners, classified by business sector and/or level. A qualification registered with the RNCP certifies that the educational program offers specific professional skills that are recognized on the national job market.

**5 Advanced Masters** are supported by Région Occitanie, helping job seekers with their training projects

*“I joined the TLS-SEC training program through the INSA – ATOS partnership for job seekers. What are its strong points, you ask? The dynamism of the teaching staff and their highly specialized technical level, the involvement of many industrial specialists, the support and follow-up from the continuing education staff... and, of course, the attentiveness of my future employer, ATOS!”*

*Jérôme Lasserre,  
INSA Toulouse 2021 graduate*

# FOR AN IMPACTFUL RESEARCH

Research departments continuously contribute to scientific knowledge, education, and the socio-economic environment, in particular on the five societal issues around which INSA has structured its strategy.

Under the supervision of scientific directors, science is developed by bringing together teachers and research staff, researchers and teacher-researchers from other universities affiliated with the Université Fédérale de Toulouse Midi-Pyrénées, research organizations and the other schools of the INSA Group.

Fundamental research and applied research coexist in perfect harmony, drawing on each other. Under the supervision of the SAIC and the R&D subsidiary INSAVALOR, no fewer than 135 new contracts were signed in 2021 with partners from all over the socio-economic world.



*The strength of the INSA model lies in not choosing between fundamental and applied research, but rather in working on their continuum*

**TOULOUSE BIOTECHNOLOGY INSTITUTE**  
- TBI -

**LABORATORY OF PHYSICS AND CHEMISTRY OF NANO-OBJECTS**  
- LPCNO -

**LABORATORY OF MATERIALS AND DURABILITY OF CONSTRUCTIONS**  
- LMDC -

**8**

**RESEARCH CENTERS**  
under supervision  
or under agreement

**CLÉMENT ADER INSTITUTE**  
- ICA -

**TOULOUSE MATHEMATICS INSTITUTE**  
- IMT -

**LABORATORY FOR ANALYSIS AND ARCHITECTURE OF SYSTEMS**  
- LAAS-CNRS -

**CENTER FOR MATERIALS ELABORATION AND STRUCTURAL STUDIES**  
- CEMES -

**HIGH MAGNETIC FIELD NATIONAL LABORATORY OF TOULOUSE**  
- LNCMI -

**5**  
**SOCIETAL ISSUES**

3

research support units  
under supervision or under  
agreement

**TWB**

Toulouse White Biotechnology

**CALMIP**

Calcul en Midi-Pyrénées

**Raimond Castaing**

Microanalysis Centre

2

technology resource  
centers

under supervision

**CRITT Bio-Industries**

**CRITT Génie des  
Procédés et Technologies  
Environnementales**

2

research federations  
under supervision

**FERMI, Fédération Matière  
et Interactions**

**FERMaT, Fluides, Énergies,  
Réacteurs, Matériaux  
et Transferts**

## Master BioTechEco

The new Master BioTechEco is a degree co-accredited by INSA Toulouse and Toulouse INP which focuses on industrial biotechnology and bioeconomy processes.

This Master's degree is integrated into the BioEco Graduate School – Biotechnology building bio-based economy.

## INSA-ICRC Alliance

Several INSA Group schools are working with the ICRC to design and develop digital tools that will assist ICRC field teams in tracking and identifying missing persons. Several deliverables (applications and software) have already been developed, some of which enable identity search automation on social networks or the cleaning and processing of images used for identifying deceased persons. This alliance results from a unique partnership model between the INSA Foundation and the ICRC.

## Public research at the heart of the energy transition

Teréga—a major operator in the gas transport network in South-West France—has signed a partnership with Toulouse Tech Transfer, the SATT of Toulouse, with the purpose of jointly developing a novel methanation technology (“METHAMAG®”) alongside the LPCNO. This technology, which uses magnetic hyperthermia to produce methane, allows to recycle and store renewable energy excess in the form of gas to be reinjected in the network, thus opening a new avenue in the power-to-gas sector. A winning collaboration towards energy transition!

## The Institute for Quantum Technologies in Occitanie is launched

As part of the Quantum Plan initiated in 2021 and its key challenge “Quantum Technologies”, the Occitanie region has announced the creation of the Institute for Quantum Technologies. Financed at the regional, national and European levels, the Institute relies on the outstanding support provided by the region’s academic ecosystem on the quantum subject: nearly 200 researchers—especially from INSA Toulouse and its LPCNO laboratory (Laboratory of Physics and Chemistry of Nano-Objects)—work on quantum mechanics and engineering on a daily basis. Xavier Marie, a teacher-researcher at INSA Toulouse, is a coordinator of this project.

*“Quantum technologies are a major field of interest in Occitanie, where academic and industrial players are deeply involved in expanding our knowledge and developing tomorrow’s technical solutions for the benefit of society.”*

*Xavier Marie,  
teacher-researcher at  
INSA Toulouse / LPCNO*



## Open Science guide

Last June, the INSA Group published an Open Science Guide to raise awareness and inform the staff of the INSA Group engineering schools on the challenges of open science. This approach is part of an ambitious strategy that seeks to boost the proportion of INSA scientific publications in open access, aiming for 100% of open access publications in 2022.

# 1,661

full texts submitted to the HAL INSA portal in 2021

# 8

Masters co-accredited with other higher education institutions in the region

Research in  
2021

# INSA

TOULOUSE

## Industrial property, patents and new deep tech start-ups

**35** patent families are managed by third parties (public institutions or private companies), representing a total portfolio of **60** patents in force in 2021

**2** patent families currently managed by the SAIC within the INSA Toulouse patent portfolio; **23** patent families, **12** software patents and **7** management expertise assets within Toulouse Tech Transfer

**3** new patents filed under the name of INSA Toulouse or its researchers

**2** management expertise assets filed in 2021

**1** software patent filed in 2021

**2** licensing agreements signed

## A new Master's degree EUR NanoX

The Master of Nanoscale Science and Engineering from the NanoX Graduate School of Research opened in September 2021, led by the Paul Sabatier University – Toulouse III and co-accredited by INSA Toulouse.

# 85

permanent teacher-researchers accredited to supervise research (HDR)

# 7

doctoral schools in joint-degree partnerships

Research contracts managed by the Industrial and Commercial Activities Department

**135** new contracts for a total amount of **€12,497,153**



# CREATING OTHER FORMS OF MOBILITY

INSA Toulouse encourages its students and researchers to open up to the world by including a compulsory experience abroad in their training, by creating new double degrees and specialized programs for researchers, by adhering to the Erasmus Charter for Higher Education, and by hosting a large proportion of international students.

Students can thus prepare themselves for the intercultural exposure they will experience in the professional world—they spend 21 weeks abroad on average (academic stay or internship) and interact with 76 different nationalities on campus, where more than a fifth of the students are foreign.

*“By promoting new forms of hybrid and virtual mobility—in particular through the ECIU University challenges—INSA Toulouse increases the opportunities for its engineering students to acquire international experience in addition to physical mobility. Our future engineers can thus enhance their intercultural agility, growing into responsible and knowledgeable actors in a global world.”*

*Marie-Agnès Détourbe,  
Director of International Relations*

Mandatory international mobility

21

weeks on average

815

minimum TOEIC score (B2+ level)  
for engineering students

21%

foreign students

(37.6% of whom are women and  
19% new entrants in the first year)

19%

of engineering graduates in 2021  
are international students

76

nationalities on campus

(from Europe, Africa, America and Asia)

40

first-time international students  
in international programs  
= 6% of all international students  
= 52% of first-time international students  
in the 1<sup>st</sup> year

4

international programs

Asinsa  
Enginsa  
Iberinsa  
Norginsa



### SMART-ER Project

The ECIU University alliance launched the SMART-ER research project (H2020 program), which offers opportunities for funding seed, training and collaboration projects on open and citizen sciences.

With the opening of applications in January 2022, these opportunities became a reality.

### INSA Toulouse GEI – KMITL Thailand double degree

As a result of the excellent relations built in the past, the success of the academic semester, and the proposed research project, KMITL has chosen INSA Toulouse from among all the schools of the N+i network to offer a double degree in the field of Electronics and Automation.

### INSA Toulouse hosts its first ECIU Partnership Arena

By becoming a full member of the ECIU in September 2020, the INSA Group—represented by INSA Toulouse—showed its determination to adopt a multidisciplinary approach for addressing societal issues. During the first edition of the “Local Partnership Arenas” in France, researchers, students, industrialists and public representatives came together to co-create challenges on the topic of circular economy. These challenges are open to students of the member institutions of the European Alliance, seeking to work on innovative solutions within the framework of the Challenge-Based Learning approach.



### Erasmus Charter renewed for the period 2021–2027

INSA Toulouse expressed its commitment to contribute to the modernization and internationalization of higher education by applying for the Erasmus Charter for Higher Education (ECHE).

This charter is required to participate in numerous funded projects included in the programs of Key Actions: 1 (KA1) for the mobility of higher education students and staff (educational purposes); 2 (KA2) for cooperation among organizations and institutions (exchanges of practices, Partnerships for Excellence – European Universities, Partnerships for Innovation); and 3 (KA3) for supporting policy development and cooperation.

### Boogie-U Project

6 institutions from the ECIU University—including INSA Toulouse—have been awarded the HEI Initiative program from the European Institute of Innovation and Technology (EIT).

The purpose of the project is to boost entrepreneurship and innovation in higher education, relying on the challenge-based approach of ECIU University and promoting the exchange of good practices between member and non-member partners of the Knowledge and Innovation Communities (KICs).

#### Top 5 destinations chosen by our students

- 
1. Spain
  2. Norway
  3. Sweden
  4. Canada
  5. United Kingdom

# RENEWED COLLABORATIONS WITH THE SOCIO- ECONOMIC WORLD

INSA Toulouse has a long tradition of collaboration with the business world, noticeable both in its educational programs—in which professionals are involved—and in the R&D projects undertaken with laboratories.

The Institute continuously fosters these relationships and collaborations through a Corporate Relations Department that organizes, supports and facilitates these dynamics, as well as through four research chairs, the INSA Toulouse Foundation and the INSA Group. The latter has launched the Alliances program to bring science to the forefront of societal commitment.

Organized meetings between students and industry professionals, leadership training programs and scholarships to support young INSA entrepreneurs are all concrete examples of the collaborations developed with the socio-economic world.

A minimum of

**36**

weeks' internship  
- 44 weeks on average -

-----

**20% of courses taught by industry  
professionals**

-----

Apprenticeship tax  
raised from 383 companies

**€620,982**

-----

Fundraising

INSA Toulouse Foundation in 2021

**€576,058**

-----

**13**

companies sponsor the Foundation

**ACTIA, CAISSE D'ÉPARGNE DE  
MIDI-PYRÉNÉES, CARBIOS, CGI, EIFFAGE,  
EXPLEO, GA SMART BUILDING,  
GRDF, Groupe GB, NGE, SCLE-SFE, SII,  
VIASANTÉ**

More than 75 individual sponsors

## NGO Alliances: bringing science to the forefront of societal commitment

The INSA Foundation has created the Alliances program — an innovative partnership approach with a societal impact through corporate sponsorship, at the junction between the academic, the economic and humanitarian worlds.

In 2021, the Union Cépière Robert Monnier (UCRM), INSA Toulouse and the sponsor GA Smart Building kickstarted this new form of local partnership: the INS'ACCOMPAGNE Alliance.

In this context, the Centre Gaston Berger promotes disability awareness training for students.

# 2

### coaching programs

The “Engineer & Leader” program funded by NGE

The “INSA Forza L, pour eLLe et pour Lui” led by the Centre Gaston Berger



### The Foundation scholarships

63 “Donner une chance à chacun” scholarships

19 “Ingénieur & sportif” scholarships

3 “Ingénieur & artiste” scholarships

5 “Coup de pouce Jeune INSA Entrepreneur” scholarships

32 Gaston Berger scholarships

For a total amount of

# €125,250

# 4

research chairs

**ACTIA**

“Smart Mobility” Chair

**GA “Innovation & Construction” Chair**

**GRDF “Biogas Innovation” Chair**

**Carbios “Biotechnologies and Environment” Chair**

# 1

societal chair

**Berger-Capelle**

## 3 new Premium Partners

Alten, Collins Aerospace Ratier-Figeac and Lesaffre are strengthening their ties with engineering students from the Electrical and Computer Engineering, Mechanical Engineering and Biological Engineering departments, combining their engineering expertise with INSA as part of a premium partnership.

## Forum by INSA

This recruitment forum offered direct exchanges between professionals and students through virtual job dating and a dozen thematic conferences, giving 4<sup>th</sup>- and 5<sup>th</sup>-year students the opportunity to connect with more than 60 companies.

*“ In keeping with its values, the Eiffage Group has deployed since 2019 a “Management: values, requirements and goodwill” training course designed to promote the most insightful managerial behavior. Nearly 1,300 managers have been trained to date. This educational approach is a key value in line with the humanist values of INSA. ”*

Alain Noret,  
Director of Human Resources,  
Eiffage Infrastructures

# PROFILES TAILORED TO THE BUSINESS WORLD

In less than six months after graduating, 99% of INSA graduates sign a contract and start working in a wide range of fields, from consulting and engineering to research.

The widespread recognition that INSA receives from the business world can be explained by the strong relationships the school has nurtured throughout the years, shaping profiles that meet the current and future needs and expectations of the business world.

## Top 5 fields of professional activity in companies

Consulting, design and engineering

Computer science and information services

Construction and public works

Energy

Scientific research and development

Gross salary (including bonuses)

**€37,500/YEAR**

**99%**

of graduates found a job  
less than 6 months  
after graduation

**85%**

of graduates are satisfied or  
very satisfied with their job

# LEARNING TO INNOVATE

INSA Toulouse promotes creativity and innovation at the service of entrepreneurship throughout the education of its engineering and doctoral students.

In addition to the various programs included in the curriculum—which range from awareness to expert support—support mechanisms such as the National Student–Entrepreneur Status also exist.

One of the highlights of 2021 was the completion of IoT Valley’s Entrepreneurial Start-up Support Program (Do It Ocracy) by two INSA students.

*“The ability to innovate, to add value to products and services and—of course—the ability to be entrepreneurial are key challenges for our nation. The DNA of our educational program provides our institution with all the assets to introduce our engineering students to the world of entrepreneurship.”*

*Michel Lomi,  
Entrepreneurship Counselor*

**40**

students were granted the SNEE (National Student–Entrepreneur Status) including 3 students enrolled in D2E (Student Entrepreneur Degree)

**3**

students obtained their D2E (Student Entrepreneur Degree) Université Fédérale de Toulouse Laura Bouzereau (2021 Computer Science & Networks graduate), Séréna Giraud (Applied Physics, 5<sup>th</sup> year) and Yann Tavernier (Applied Physics, 5<sup>th</sup> year)

**2**

5<sup>th</sup>-year students attended IoT Valley’s Entrepreneurial Start-up Support Program (Do It Ocracy) in 2020-21

**5**

4<sup>th</sup>-year students involved in 4 different projects attended the program Les Entrep’ Occitanie-Garonne alongside students from other schools in the region

with

**3**

projects receiving awards at the regional level

- the Dream Team Award (Greenerview project)
- the Impact Award (Argcom project)
- the Jury’s Favorite Award (Uddy project)

# 6

projects involving  
9 INSA students awarded  
at CRECE 2021

Regional Competition for Student  
Entrepreneurs

# 2

runner-up projects



## Maraîchers du Ciel™

A team including Laurie Battini (4<sup>th</sup>-year Civil Engineering student) and students from El Purpan and ENSA Toulouse won 2<sup>nd</sup> prize in the competition, worth €3,500.

Maraîchers du Ciel™ makes it possible to use supermarket roofs for planting vegetable gardens to be sold directly in the store.

## Stream.art



A team including Elliott Doutriaux, Thomas Berton, and Axel Jorge (all three 4<sup>th</sup>-year Automatic Control and Electronics students) came in 6<sup>th</sup> (€1,000).

Stream.art aims to reconnect dematerialized art with their physical exhibition.

Also awarded at CRECE 2021 were:

## Doremi

With Antoine Riaud, 4<sup>th</sup>-year Civil Engineering student. The Doremi project consists in a custom musical composition tool comprising an electronic instrument and computer software – easy to use, quick to implement and available to everyone (experienced musicians or not).

## Greenerview

With Grégory Martins, 3<sup>rd</sup>-year Construction Engineering student. Greenerview is a project of a marketplace for sharing goods.

## Amanos music

With Florian Convert, 4<sup>th</sup>-year Automatic Control and Electronics student. Amanos is a streaming music platform for amateur bands.

## Uddy

With Houssam Bourrahim, 4<sup>th</sup>-year Systems Engineering student, and Ikrame Amine, 4<sup>th</sup>-year Mathematical Modeling & AI student. Uddy is a student social network.



## A generous and ecological application

On November 15, Séréna Giraud and Yann Tavernier launched Sedna, a cell phone app that promotes “environmentally responsible actions”.

Eco-citizen actions are rewarded with a virtual local currency, the Seed, which is only rewarded and exchanged for actions that promote local food networks and respect for the environment.

<https://sedna-app.com/>

# 2

runner-up projects at the  
Pitch Battle of French Tech  
(La Cité, July 2021):

Sedna (Séréna Giraud, 5<sup>th</sup>-year Applied Physics student) and Kombo (Pauline Ssi Yan Kai, 5<sup>th</sup>-year Biological Engineering student)

# 5

“Coups de pouce  
Entrepreneuriat” grants  
from the INSA Foundation  
were awarded to the  
projects of four  
engineering students and  
a PhD student for a total  
amount of €6,000

# THRIVING ON CAMPUS

Thriving on campus, creating, sharing... INSA Toulouse provides excellent conditions for studying and living on campus through its many facilities: a “learning center” library, sports facilities, restaurants and residences, in addition to association premises that offer students the opportunity to shine or to reinvent the world on campus.

These opportunities have enabled two students to shine at the Tokyo 2020 Summer Olympics.

*“We commit ourselves every day to make student life on campus come alive through diverse activities. This knowledge- and skill-rich commitment helps us meet the needs of students. We are proud to have implemented various actions that improve student life and let our campus shine.”*

*Alban Charonnat,  
President of Amicale des Étèves  
and Antonin Lezat,  
Student Vice-President of the Board of Studies*

A campus of nearly

**22 HA**

**50,000 M<sup>2</sup>**  
for teaching and research

**1,636**  
dorm rooms

**1**  
INSA/CROUS university restaurant  
and 1 business restaurant

**1**  
cafeteria

**1**  
library

**1**  
gym and high-quality  
sports facilities

**75**  
student clubs

## The Enfoiros celebrate their 20<sup>th</sup> anniversary

To celebrate the 20<sup>th</sup> anniversary of the INSA Enfoiros, three special concerts took place in November at the Bascala. The Enfoiros kept their place as the most important private donor of the Restos de Haute-Garonne, with €15,000 raised in 2021.



## RobAFIS competition

Marc Lucas, Paul De La Taille, Valentin Gilbert, Laura Giusti, Alban Perrier, and Paul Cavailles, 5<sup>th</sup>-year Systems Engineering students, won the RobAFIS competition organized by the AFIS in Charleville-Mezières. They also received the Alain Faisandier Award for the best project definition documents and the best implementation of systems engineering.



## The “Student Tutors – COVID-19” scheme is launched

INSA Toulouse created “part-time jobs” for students financed by MESRI, which were deployed to offer specific assistance to students. The student tutors helped their peers to prepare for exams, both in session 1 and session 2 (retake exams).

In 2020–2021, 33 student tutors provided a total of 211.5 hours of tutoring in 31 scientific disciplines. Most of the tutoring was provided for 2<sup>nd</sup>- and 3<sup>rd</sup>-year students.

## Toulouse wins the iGEM competition

The Toulouse team, having finished runner-up in last year’s world championship, won the prestigious iGEM international Synthetic Biology Competition.

Their goal? To create a sustainable, synthetic biotechnology system (a microbial consortium) capable of reproducing the scent of violets.



## Our students excelled at the Tokyo Summer Olympics

Several INSA Toulouse athletes were in Tokyo to represent France at the Olympic and Paralympic Games. Matthieu Androdias, a young graduate of INSA Toulouse, won the gold medal in the double sculls with Hugo Boucheron.

Then it was the time to shine for Ugo Didier, a Toulousian student and rising star of French para swimming, who won silver in the 400-meter freestyle and bronze in the 200-meter medley.



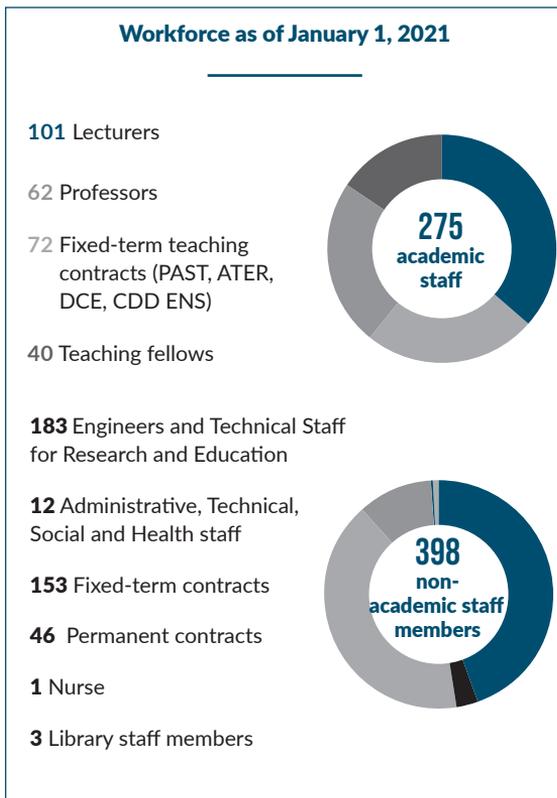
*“There are values common to sport, studies and the professional world: teamwork, dedication and rigor.”*

*Ugo Didier,  
3<sup>rd</sup>-year Construction Engineering student  
Silver medal in the 400-meter freestyle and bronze medal in the  
200-meter medley at the Tokyo 2020 Paralympic Games*

# WOMEN AND MEN AT THE HEART OF OUR INSTITUTION

INSA Toulouse pursues a forward-thinking employment policy to foster a development committed to improving the quality of work life of its employees.

Working synergistically with its workforce, the institution strives to rise up to the educational and research challenges of the 21<sup>st</sup> century.



Expenditures in 2021

**€59.5M**

INSA's consolidated expenditures broken down as follows:

€10.2M  
Operating costs

€44.8M  
Staff expenditures

€4.5M  
Investment expenditures

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**673**  
staff members

Job category	Type of employment		Workforce as of January 1, 2021	Total amount for 2021 (loaded cost)
Teachers Teachers-Researchers Researchers	Permanent	Tenured	203	€44.8M
	Non-permanent	Fixed-term contract Permanent contract	72	
S/Total TR			275	
Engineers and Technical Staff for Research and Education	Permanent	Tenured	199	
	Non-permanent	Permanent contract	153 46	
S/Total BIATSS*			398	

\* BIATSS:  
Administrative and support staff

## Working from home

INSA Toulouse continued to develop work-from-home policies throughout 2021. A total of 116 employees now benefit from a remote working contract.

## INSA against gender-based and sexual violence

In January 2021, a working group was formed with representatives of administrative staff, teachers, teacher-researchers and students to implement a plan against sexual harassment and gender-based and sexual violence.

The group has encouraged the creation of a global system based on a rigorous and transparent protocol. Besides monitoring and evaluating the system, the group's duties include preventing violence, raising awareness and educating the INSA community.

## Sport and Management Trophies

Sylvie Rossard was a winner at the Sport and Management Trophies, in the category Grandes Écoles et Universités.

Sylvie's objective is to unlock the skills of high-level athletes by helping them understand that being a sportsperson can become an asset if they know the means to appreciate their potential, and to identify the values and skills developed through their involvement in sports.

## Collaborative tools – master plan

The difficult health situation, email overload and the practice of remote working have led INSA to test the implementation of collaborative practices that include writing and accessing resources as a group, exchanging and communicating, preparing, leading and running meetings, using collaborative tools, etc.

Seeking to capitalize on this know-how and to perpetuate the use of good practices, INSA has decided to rely on the expertise of a consulting firm to define and adopt its collaborative practices.

*“The counseling and support center exists not only to listen, inform and support, but also to ensure that your testimony is considered and treated by INSA. The center is an essential link in the chain to prevent, inform, and take the necessary measures to help the victims and hold the perpetrators accountable.”*

*Morgane Flahaut,  
Gender Equality Counselor at  
INSA Toulouse*

# AN EVOLVING GROUP

The INSA Group—chaired by Bertrand Raquet—comprises 7 schools in France, an international INSA in Morocco, and 6 partner schools. Each INSA is a public education and research institution that relies on a three-dimensional development approach: at the local level through its site, at the national level through the INSA Group, and at the international and European level through the ECIU University.

In a world in transition driven by increasing complexity, the INSA Group reasserts its commitment to promote an inclusive model where science, technology and humanities blend together, are better shared, and serve a less fragmented society and a healthier economy in environmentally preserved territories. The INSA Group undoubtedly faces both strategic and international challenges.

Like the year before, 2021 proved to be challenging in many ways. In spite of everything, our projects continued and new ones were born through the strength and commitment of the community.

**15,878**  
regular engineering students

**18.9%**  
foreign students

**30.4%**  
scholarship holders

**34.7%**  
female students

**14.7%**  
in apprenticeship

**85**  
engineering departments

**7**  
INSAs in France

GROUPE  
**INSA**

**6**  
partner schools



**1**  
international INSA  
in Fes (Morocco)

## Large-scale digital transformation

The INSA Group is entering a new phase in its digital transformation. In October 2021, its INSA 2025 project was awarded the DemoES label (Démonstrateur numérique de l'enseignement supérieur) in the context of PIA 4.

Led by OpenINSA, INSA 2025 focuses on improving the support for learners throughout their studies.

## INSA Talk

Ten meetings, nearly 1,000 participants and 33 graduates giving testimonials — the first season of the INSA Talks from the INSA Group provided a monthly platform for exchange between INSA students and alumni living abroad.

## Social model: a white paper to encourage forward thinking

On October 20, 2021, the INSA Group published the first volume of its white paper “Diversities and Inclusion in the INSA Group”. The publication of this document is central to the Group’s open strategic thinking on the renovation of its social model.

*“This report—written collectively at the Gaston Berger Institute—provides contextualized statistical and qualitative observations based on extensive fieldwork. It represents a preliminary step in the elaboration of proposals for action that are consistent with the history and renewed commitment of the INSA Group to address diversity issues (to be published in a second volume in 2022).”*

*Gabriel Brassart,  
Project Manager of the white  
paper “Diversities and Inclusion  
in the INSA Group”*



## The “Et maintenant ?” Festival

On November 29, 2021, the INSA Group participated in the “Et maintenant ?” Festival, organized by France Culture and ARTE. A round table dedicated to the INSA-ICRC Alliance was held, among several other events. This alliance brings together the INSA Group and the INSA Foundation with the ICRC to develop tools for tracking down missing persons. permettant la recherche de personnes disparues.

## Creation of the “Innovation for Humanity” Chair

Handicap International and the INSA Foundation have created the “Innovation for Humanity” Chair as part of their Alliance: a unique program in the world of higher education, research, and NGOs, where humanitarians, researchers and students work together to develop technical solutions to very concrete problems encountered in the humanitarian field.



# A SITE POLICY UNDER DEVELOPMENT



The Université Fédérale de Toulouse Midi-Pyrénées is an organization that brings together 31 higher education and research institutions from the Academy of Toulouse.

Its mission is two-fold: to work with its members to promote the influence of the university as a whole and place it at the highest academic and scientific levels internationally, and to foster the hosting and life conditions of its French and foreign students and researchers.

**31**

member institutions, including  
23 higher education institutions,  
1 university hospital,  
and 7 research institutes

**145**

research laboratories  
in interdisciplinary fields

**17,000**

staff members

**100,000**

students

**32,000**

graduates each year

## Call for proposals “Excellence in All its Forms” of the Programme d’Investissement d’Avenir 4

Built collectively throughout 2021, the TIRIS (Toulouse Initiative for Research Impact on Society) project is a ten-year strategic program that pursues two main and complementary objectives:

1) To create, support and promote a distinct academic identity through targeted incentives that are internationally visible and/or that create

new interactions between local partners.

2) To undertake a proactive institutional transformation aimed at creating a world-class research university. In this scenario, the site’s academic identity is built around three key societal challenges aligned with the priorities of the local private and public sectors, and for which

our community has developed renowned strength and credibility:

- understanding and fostering good health and well-being;
- comprehending global changes and their impact on societies;
- accelerating sustainable transitions (mobility, energy, and industrial resources and transformations).

### Preparation of the multi-year site contract

The common section of the multi-year contract has been prepared since January 2021 in cooperation with the member institutions of the Université Fédérale de Toulouse Midi-Pyrénées. It aims to establish the academic and scientific identity of the site as a committed player in the societal, digital and environmental transitions, so as to reinforce its influence and recognition.

Each strategic orientation is thus associated with actions undertaken by the institutions and disseminated at the site level by the University of Toulouse, who can also lead it on behalf of its members. This goal is a key factor in the international attractiveness of the Toulouse site and demonstrates its commitment to addressing the major societal challenges of a globalized world.

### Strengthening of the support services for European project development

As part of the strategic and management talks with the Ministry, funding was obtained to significantly strengthen the joint service from the Université Fédérale dedicated to supporting the development of European projects.

Researchers and teacher-researchers from all the institutions on the site will benefit from personalized support from three additional staff members, who will assist them in setting up European projects — in particular, applications to the European Research Council (ERC) calls for proposals (which recognize the excellence of a project and grant substantial resources to help it succeed).

### New home to the Management and Operations Department (SGE)

As of January 1, 2022, the SGE—previously attached to the Chancellery of the Universities, dissolved on December 31, 2021—is now part of the Université Fédérale.

The purpose of this interinstitutional service is to ensure the functioning and operation of the technical equipment of the Rangueil scientific complex and the Arsenal university campus: energy production and primary distribution (electricity and heating), water management (wastewater, rainwater, etc.), public spaces (roads, green spaces), and certain specialty fluids (vacuum, compressed air).

The SGE also provides advice to institutions, manages studies, and supports innovation and experimentation in environmental matters.

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*Thanks to all the people at INSA Toulouse*  
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*Photo credits: INSA Toulouse, Baptiste Hamousin, Adobe Stock*  
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# WE WOULD LIKE TO THANK ALL THE COMPANIES

that committed to fostering the quality and excellence of our teaching through the 2021 apprenticeship tax

2ICS, 2IORTAGE, ACCENTURE TECHNOLOGY SOLUTIONS SAS, ACERGY FRANCE, ACTIA GROUP, ADECCO FRANCE, ADISSEO, AIRBUS DEFENSE AND SPACE, AIRBUS EXO ZERO EMISSIONS, AIRBUS OPÉRATIONS SAS, AIRBUS SAS, AIRFAN, AKKA, ALPHA BETA, ALSYOM, ALTAREA FRANCE, ALTEN SUD OUEST, AMADEUS SAS, ANYWARE SERVICES /AMETYS, APAVE SUDEUROPE, APSIDE SA, AQCEPTANCE, AQUITAINE FONDATIONS RENOVATIONS, ARCADS, ASCENT INTEGRATION, ASSISTANCE AÉRONAUTIQUE AEROSPATIALE, ASTEK SA, ATOS MANAGEMENT FRANCE, AXIANS INTERACT SYSTEMES SUD OUEST, AXIMA CONCEPT, B.R. EXPERTISES, BAKER HUGUES, BARDE SUD OUEST OMEXOM, BC DEVELOPPPEMENT, BEARN BIGORRE CONFORT, BÉARN BIGORRE CONFORT, BELLEPEIRE INVEST, BERNER, BESSAC, BETCO SAS, BETEM, BETEM INGÉNIERIE, BINOCLE, BNP PARIBAS, BOTTE FONDATIONS, BOURDARIOS, BOUYGUES BATIMENT CENTRE SUD-OUEST, BOUYGUES CONSTRUCTION, BOUYGUES IMMOBILIER, BRL INGENIERIE, C@TALYZEO CONSULTING, CAPGEMINI TECHNOLOGY SERVICES, CARRIÈRES KLEBER MOREAU, CARTE, CASSIN DESAMANTAGE, CASSIN T.P., CASSIN RECYCLAGE, CASTEL & FROMAGET, CASTEL ALU, CELAD, CENTRE INTERNATIONAL DE DISTRIBUTION, CENTUM ADENEQ, CERPHI, CERSA, CGEM CONSTRUCTION, CGI FRANCE, CHAPELLE GROUPE BETEM, CIBA SARL, CIMPA, CLER VERTS, CLIMATER MAINTENANCE MEDITERRANEE, COGEDIM GESTION, COLAS SUD-OUEST, COLLECTE LOCALISATION SATELLITES, CORROHM, COUDS-PERE, COVAL, COVALENS, CS GROUP FRANCE, DALKIA, DASSAULT SYSTEMES, DEMATHIEU BARD CONSTRUCTION, DEMATHIEU BARD IMMOBILIER, DERBI, DERICHEBOURG, DERICHEBOURG ATIS AERONAUTIQUE, DEVINEAU, DI31, DOU YEE ENTREPRISES FRANCE SAS, DUBROCA BATIMENT, EALS, EASYMILE, ECA AEROSPACE, EDF, EDF ENR, EGENIE, EGIS, EIFAGE ROUTE GRAND SUD, EIFAGE CONSTRUCTION GESTION DEVELOPPEMENT, EIFAGE CONSTRUCTION MIDI PYRÉNÉES, EIFAGE CONSTRUCTION TERRITAIRE, EIFAGE ENERGIE SYSTEMES - AUTOM'S, EIFAGE ENERGIE SYSTEMES - CLEVIA NA, EIFAGE ENERGIE SYSTEMES - INFORMICIEL, EIFAGE ENERGIE SYSTEMES - THERM INOX, EIFAGE GENIE CIVIL, EIFAGE ROUTE SUD OUEST, ELAPHI, ELECTROIMPACT FRANCE, ELECTRONIQUE AGROBOTIQUE, ELEX FRANCE, ENDEL, ENEAPHARM, ENNOLYS, ENTREPRISE DEMARAIS, ENTREPRISE GABARRE, ENTREPRISE GENERALE ELECTRIQUE, EP3E, EQUINOX, EQUIPAERO INDUSTRIE, EQUIPAERO SERVICES, EQUIPMENT FOR CHEMICAL INDUSTRIES, ETIENNE LACROIX TOUS ARTIFICES, ETUDES ET FABRICATION POUR LA RECHERCHE, EURL MECALANDES, EUROVIA LANGUEDOC ROUSSILLON, EUROVIA LIANTS SUD OUEST, EUROVIA MANAGEMENT, EUROVIA MIDI-PYRENEES, EXCENT FRANCE, EXPLEO FRANCE, FACCIO FM SUD OUEST, FACYLE, FIBRE EXCELLENCE SAINT GAUDENS SAS, FIGEAC-AERO, FONDASOL, FORSK SAS, FOURNIE GROSPAUD SYNERYS, FREELANCE ETUDES, FREYSSINET FRANCE, FREYSSINET INTERNATIONAL & CIE, F-TECH AEROSERVICE, F-TECH AEROSTRUCTURE, F-TECH PYRENEES, GA GROUP, GACHES CHIMIE SPECIALITES, ATLANTIQUE, F-TECH MEDITERRANEE, F-TECH GCC, GECOS, GENESIS OIL & GAS CONSULTANTS, GALMAM, GARONNAISE DE FORAGE, GBMP, NEMENT DE MONTAUBAN, GIE MAISON DU GENIBIO, GESTION POUR L'ENVIRONNEMENT DE MONTAUBAN, GIF NORMANDIE CAEN, GRIMALDI ACL FRANCE, GTD INTERPALSINGER SAS, GUINTOLI, H.B.F, HBF POSITES, HISTOIRE & PATRIMOINE CONSULTING, IMERYS TALC EU-MPLR, INFORMATIQUE BANQUE RIE CONTRACTUELLE DU BÂTIMENT, NOPSYS, IOT VALLEY, IPB, IPLC, IVR JNOV TECH, KATALIZ, KLANIK, LA LOGIQUES DU PLANTAUREL, LABO-PLANTAUREL, LACHAL BLOLAZAC, LCBR, LCL EMBALLAGES, LE FILAMENT, LEGRAND, LES COURTIER ASSOCIÉS, AEROSPACE, LIFE TECHNOLOGIES SAS, BRO, M.C.B, MAF SAS, MARCOULY, MARRO, METABOLIC EXPLORER, METEOLIEN, MGI NEMENT, MI-GSO, MODARTT, MOTEURS LEROY HABITAT, NEOTEC DEVELOPPEMENT, NEXEYA FRANCE, NEXTER SYSTEMS, NFRANCE, NGE, NORMATION, NXP SEMICONDUCTORS SAS, ONESTOCK, OPENINDUS, OPMO, ORANGE BUSINESS SERVICES, ORBIT CONSULTING, ORSAY PHYSICS, ORSAY GROUP, OTCE AQUITAINE, OTCE INFRA, OTCE MIDI PYRENEES, PERGET & CARVIN ASSOCIÉS SAS, PETROSYSTEMS, PIERRE FABRE Dermo COSMETIQUE, PITCH PROMOTION, POINT FINANCES, POLE STAR S.A., PROS FRANCE SAS, PYRENEES ETUDES INGENIERIE, QOS DESIGN, QUINCAILLERIE LEAUD, R3S, RATIER-FIGEAC, RENAULT SW LABS, RENER, REPUBLIC TECHNOLOGIES, RF INNOVATION, RG MENUISERIE, ROBERT BOSCH FRANCE SAS, RONCALLI TS, SA SOGAL SOCAMUEL, SABLIERES DE GUYENNE, SAFRAN AIRCRAFT ENGINES, SAFRAN ENGINEERING SERVICES, SAFRAN NACELLES, SAFRAN POWER UNITS, SAGARDIA SAS, SARETEC FRANCE, SARL GISAIA, SARL LESAFFRE INTERNATIONAL, SARL NOYER CONSTRUCTION, SARL TLAZOL, SAS 3R, SAS CEGETP, SAS ENTREPRISE CARCELLER, SAS GROUPE ETCHART, SAS MIC MAC PATISSERIE, SAS SERMET SUD OUEST, SAS SOCABAT, SAS TIKOAM, SAUR, SCLE SFE, SCOPELEC, SEAL ENGINEERING, SEALOGIS, SEALOGIS FREIGHT FORWARDING, SECTOR, SEDEB SARL, SEIREB, SEQUENCES, SEREN, SERMA INGENIERIE, SETI, SIGILENCE TECHNOLOGIES, SII, SMILE, SNC ALTAREA MANAGEMENT, SNCF MOBILITES, SOCIETE DES CARRIERES DE PEYREBRUNE, SOCIÉTÉ D'EXPERTISE COMPTABLE, SOCIETE HYDRO ELECTRIQUE DU MIDI, SOCIETE MERIDIONALE DE TRAVAUX PUBLICS, SOCOTRAP, SOGECER EQUIPEMENT ROUTIER, SOGECER LOCATION, SOGEFIMA, SOGETREL, SOL.TP, SOLAGRO, SOLEFFI T.S, SOLETBAT, SOLETMAT, SOLREVNNOV, SOLTECHNIC, SOLTECHNIC GROUP, SOLTECHNIC PIEUX, SOLUTECH, SOLVEO ENERGIE, SOMAGRO, SOPRA STERIA GROUP, SOTEREM, SOTEREM INGENIERIE, SPARRING CAPITAL, SPIE BATIGNOLLES FONDATIONS, SPIE BATIGNOLLES MALET, SPIE BATIGNOLLES SUD OUEST, SPIE INDUSTRIE & TERTIAIRE, Sqli, STERELA, STREM TOULOUSE, SYGMA INGENIERIE DES STRUCTURES SAS, SYNAPSIIUM, SYNDIFRAIS, SYNGENTA FRANCE, TEREGA, TERREAL, TERREFORT, THALES ALENIA SPACE, TOHTEM, TOHTEM IT, TOTAL RAFFINAGE FRANCE, TOULOUSE TECH TRANSFER, TPF INGENIERIE, TRANSFOX, TRIPTYQUE, TUNZINI TOULOUSE, UBLEAM, UMLAUT SARL, URBIS RÉALISATIONS, VAILLS CARRIÈRES, VAILLS, VAL SOFTWARE, VÉOLIA ENVIRONNEMENT; VEOLIA PROPRIÉTÉ AQUITAINE, VILLEF, VINCI CONSTRUCTION MANAGEMENT, VINCI CONSTRUCTION TERRASSEMENT, VINCI IMMOBILIER PROMOTION, VISEO BI, VITESCO TECHNOLOGIES FRANCE, VIVERIS TECHNOLOGIES, ZANI INGENIERIE BETON, ZELIJ ATELIER DE CREATION



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