# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>THE UNIVERSITÉ DE LYON</td>
<td>03, 04, 05</td>
</tr>
<tr>
<td></td>
<td>Editorial</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td>The Université de Lyon in numbers</td>
<td>04</td>
</tr>
<tr>
<td></td>
<td>Our campuses and institutions</td>
<td>05</td>
</tr>
<tr>
<td>02.</td>
<td>IDEXLYON: BUILDING THE UNIVERSITY OF TOMORROW</td>
<td>06-09</td>
</tr>
<tr>
<td>03.</td>
<td>SUPPORTING RESEARCH AND TRAINING THROUGH EXCELLENCE</td>
<td>10-15</td>
</tr>
<tr>
<td>04.</td>
<td>RENOVATING THE CAMPUSES FOR A DYNAMIC STUDENT LIFE</td>
<td>16-21</td>
</tr>
<tr>
<td>05.</td>
<td>ENCOURAGING ENTREPRENEURIAL SPIRIT</td>
<td>22-25</td>
</tr>
<tr>
<td>06.</td>
<td>RADIATING ABROAD</td>
<td>26-29</td>
</tr>
<tr>
<td>07.</td>
<td>GIVING A TASTE FOR SCIENCE</td>
<td>30-31</td>
</tr>
<tr>
<td>08.</td>
<td>OUTLOOK FOR 2018</td>
<td>32</td>
</tr>
<tr>
<td>09.</td>
<td>FINANCIAL OUTLINES</td>
<td>33</td>
</tr>
</tbody>
</table>
THE IDEX LABEL: THE FIRST STEP TOWARDS BUILDING THE UNIVERSITY OF TOMORROW

For the third year running, I am delighted to present this annual activity report, which illustrates the actions and projects conducted by the Université de Lyon. In many respects, 2017 has indeed been an outstanding year for us, starting with the most important event this year, obtaining the "Excellence Initiative" label (IDEX - Initiative d’excellence). This new step embodies both the national and international strategy and expertise of our university site. Building on this success, the Université de Lyon was awarded further large-scale calls for projects as part of the third phase of the Investment for the Future Program (PIA - Programme d’Investissements d’Avenir) in 2017: The Graduate Schools of Research (EUR - Écoles universitaires de recherche), which aim to strengthen the attractiveness of research and training programs at the crossroads of several scientific fields. In Lyon, two EURs were selected: 'H2O’Lyon' and 'MANUTECH-SLEIGHT', dedicated to water science and hydrosystems, and light-surface engineering, health and society respectively. The Convergences Institutes, which aim to structure major high-profile scientific sites in order to address key societal issues. The François Rabelais Institute for multidisciplinary cancer research and the Lyon Urban School were also established.

In addition to these academic achievements, I am proud of the work carried out by our teams in order to launch new projects for students, research professors and administrative staff, as well as the general public. Here are a few examples:

► Sport, which made its entry into our inter-institutional unifying initiatives through the creation of the Université de Lyon’s Sports Association. Twenty sports disciplines have already been represented, with some impressive victories for our student teams.

► The energy transition, for which the Université de Lyon is pursuing its policy to raise awareness and mobilize staff and students. This is reflected in the MobiCampus project, which studies the travel needs of the university community, and the eco-friendly action campaign launched across the site.

► Finally, the Pop'Sciences portal, an extension of our mission to open up the world of research to the general public. Launched online in 2017, it helps to answer the questions of all those with a thirst for knowledge by promoting the actions and resources of our member institutions for scientific culture.

In this third report, I measure the Université de Lyon’s academic progress, as well as its developing role across our region. I would thus like to extend my warm thanks to the member and associated institutions that contribute every day to this collective dynamic.

Allow me to conclude by looking towards the future: 2018 will be marked by the site’s transformation. Having obtained the IDEX label, a key milestone, let’s continue to build the university of tomorrow. Now is the ideal time to go a step further and foster the emergence of a multidisciplinary and inclusive institution with a strong focus on research, at the heart of our regional ecosystem. This is the project we will be working towards until 2020.

Khaled Bouabdallah, President of the Université de Lyon
THE UNIVERSITÉ DE LYON IN NUMBERS

12 MEMBER INSTITUTIONS

140,000 STUDENTS
including 20,000 foreign students

24 ASSOCIATED INSTITUTIONS by December 31, 2017

1,000 THESES DEFENDED EACH YEAR

67 IUF* WINNERS 2011-2017

23 CNRS** SILVER MEDALS 2001-2017

61 ERC GRANTS*** 2009-2017

17 FRENCH ACADEMY OF SCIENCE PRIZES 2011-2017

5,300 PHD STUDENTS

6,800 RESEARCHERS AND RESEARCH PROFESSORS

6.4% OF FRENCH SCIENTIFIC PUBLICATIONS, 55% of which are international collaborative publications

LIFE-LONG LEARNING €35M of turnover in 2016

COLLABORATIVE RESEARCH €101M in 2016

* Institut universitaire de France
** Centre national de la recherche scientifique
*** European Research Council
OUR CAMPUSES AND INSTITUTIONS

CAMPUS MAP

MEMBER INSTITUTIONS
Université Claude Bernard Lyon 1 - Université Lumière Lyon 2 - Université Jean Moulin Lyon 3 - Université Jean Monnet - École normale supérieure de Lyon (ENS) - École Centrale de Lyon - Institut national des sciences appliquées de Lyon (INSA) - Sciences Po Lyon - VetAgro Sup - ENTPE - École nationale d'ingénieurs de Saint-Etienne (ENISE) - Centre national de la recherche scientifique (CNRS).

ASSOCIATED INSTITUTIONS
The IDEX call for projects, awarded in February 2017, recognizes the Université de Lyon as an internationally-oriented academic site of excellence. This award, which was given by the French government to around ten large higher education and research institutions, was accompanied by additional means to develop new initiatives for students and researchers, while supporting the Lyon Saint-Étienne university site’s development.
THE IDEX LABEL

The launch of the “Excellence Initiative” - IDEX label is a new step that embodies the strategy and expertise of the Université de Lyon.

This project aims to strengthen the site’s dynamic of excellence: increasing the profile of its research, the attractiveness of its training programs, the reputation of its academic potential and the quality of its governance.

Following the application process launched in 2015, both the success of the IDEXLYON project and the Lyon Saint-Étienne site’s IDEX label were announced on February 24, 2017.

From March 2017, the first phase, with a more organizational and institutional focus, was launched along with the establishment of its governance, the formation of a project team and the signing of an agreement with the French National Research Agency (ANR - Agence nationale de la recherche). The project initiative was then launched in spring 2017 with the implementation of cross-cutting actions. The launch of the program’s calls for flagship projects and the finalization of the contract agreement between IDEXLYON and the ANR marked the end of 2017.

A GOVERNANCE PROJECT

► The COMEX (Executive Committee) is the project’s decision-making body, which approves the major directions and the framework for action developed by the advisory and steering bodies. It brings together the heads of the IDEX consortium’s member institutions every month.

► IDEXLYON is directed by Jean-François Pinton, President of the ENS of Lyon.

► The Academic Group, a body made up of the Research and Training Vice-Presidents of the consortium’s member institutions and representatives from research organizations within the Université de Lyon, supports the implementation of research and training activities.

► The Scientific Advisory Board (SAB), an advisory body chaired by Dr. Sybille Reichert, was established with eight scientists from the Université de Lyon and eight external members.

IDEXLYON KEY DATES

The Avenir Lyon Saint-Étienne Program (PALSE) came to an end on June 30, 2017, after five years. IMPULSION 2017 was the only initiative to continue until the end of the year, supporting the working environments of twenty project leaders. A certain number of actions developed and funded as part of PALSE are pursuing and developing their objectives with IDEXLYON.

The Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.

Université de Lyon is awarded the IDEX label.
The end of 2017 was marked by the launch of two IDEXLYON calls for projects:

- **IDEXLYON Fellowships**: as part of several initiatives to improve the site’s attractiveness, this project aims to attract top-level scientists with international experience to the Lyon Saint-Étienne site, in order to strengthen the Université de Lyon’s academic excellence.

- **Scientific Breakthrough Program (SBP)**: this call for projects aims to support high-potential research activities within the Lyon Saint-Étienne site by supporting the most innovative and ambitious research projects.

- A consortium of 12 institutions
- 25 million euros each year and total funding of 800 million euros
- 3 major academic fields: Biohealth and Society, Science and Engineering, Humanities and Urbanity
- 8 academic colleges
- 12 Laboratories of Excellence (LabEx)
- Over 50 initiatives planned across the main strands of cross-cutting actions
HIGHLIGHTS AND DEDICATED TOOLS

Several events have marked the year, supporting the project’s visibility. In this respect, the support evening for the IDEXLYON application in January should be highlighted, followed by the project launch meeting in April, and finally the briefing for the launch of the IDEXLYON calls for flagship projects.

Due to its strategic importance, communication tools dedicated entirely to the project were introduced in 2017, including a new website.

IDEXLYON can be found at: www.idexlyon.universite-lyon.fr

IDEXLYON INITIATIVES

Initiatives formerly launched through PALSE, such as support for and promotion of PhD programs, accredited Master’s programs, the International Alliance, the Collegium de Lyon, Espace Ulys, the Beelys entrepreneurial center, the Innovation Factory, the Social Innovation Laboratory, the Ethics Platform, Open Access and bibliometrics, and the IMPULSE call for projects, were developed and renewed as part of IDEXLYON starting in summer 2017, and action plans for 2018 were approved in fall 2017.

Among 2017’s flagship operations must be cited the consolidation of the accredited Master’s programs, which enabled the renewal of the accreditations of seven Master’s degrees and the awarding of new accreditations through a call for projects launched in September 2017. To keep up the momentum, the entrepreneurial center has been taking action, namely organizing a joint call for projects with the PULSALYS Technology Transfer Acceleration Company (SATT - Société d’accélération du transfert de technologies) to support innovation for projects yet to be developed or projects in development led by research professors and researchers on the topic “Humanities and Urbanity”.

The IMPULSION 2018 call for projects also enabled the organization of support for the research and training projects of 21 researchers and research professors who have recently arrived at the Lyon Saint-Étienne site.

It should also be noted that new initiatives, such as the Knowledge Innovation Community (KIC), mobility initiatives and action workshops have also been organized in direct link with IDEXLYON’s socio-economic and student life strands of action.
SUPPORTING RESEARCH AND TRAINING THROUGH EXCELLENCE

Today, supporting and promoting academic excellence in a global multidisciplinary setting is a priority for the Université de Lyon. In doing so, it contributes to sustaining the higher education and research ecosystem of the Lyon Saint-Étienne metropolitan area.
MAJOR PROJECTS FOR ACADEMIC EXCELLENCE

The Université de Lyon has renowned research potential. In addition to its **168 laboratories**, **6,800 researchers and research professors** and **5,300 PhD students**, the university has a great wealth of facilities and expertise, and is a key competitive factor for the metropolitan area.

Following the success of its twelve Laboratories of Excellence (LabEx - Laboratoires d’excellence), this year the Université de Lyon continued to grow in scientific excellence by leading several projects as part of the Investments for the Future Program across Lyon Saint-Étienne.

In addition to obtaining the IDEX label in February, 2017, the Université de Lyon received support for two other PIA calls for projects.

Two "Convergences Institutes" in March 2017:

- **The François Rabelais Institute** for multidisciplinary cancer research (PLASCAN), whose objective is to characterize each tumor in its environment and identify new targets to develop new treatments while preventing the development of tumor resistance, relapse and escape.

- **The Lyon Urban School** (École urbaine de Lyon), which aims to contribute to the creation of a new collective mode of addressing urban and environmental issues. Another of its missions consists in reassessing possible relationships that can be maintained by universities, research laboratories, companies, regional authorities and public administrations, etc. in an ever-changing urban setting.

These two projects will be funded for a maximum of 10 years with 9 million euros each.

Visit the new Lyon Urban School website: [ecoleurbainedelyon.universite-lyon.fr](http://ecoleurbainedelyon.universite-lyon.fr)
Two "Graduate Schools of Research" (EUR) in October 2017:

▶ The H2O’Lyon Graduate School for research on water science and hydrosystems. Thanks to its multidisciplinary approach combining human and social sciences, physical and engineering sciences and life sciences, H2O’Lyon aims to develop skills, approaches and innovative tools to meet the challenges of holistic water management.

▶ The MANUTECH-SLEIGHT Graduate School "Light-surface engineering, health and society". MANUTECH-SLEIGHT brings together laboratories from Saint-Étienne and Lyon specializing in optics and photonics, materials science, mechanical engineering, imaging, computer science and bio-engineering, and industrial partners who will provide researchers with the resources needed to design according to user needs, manufacture and characterize surfaces, and assess the costs of real-life cases.

Both of them will receive funding of around 15 million euros for 10 years maximum.

Two Lyon winners for university hospital research on health

Also as part of the Investments for the Future Program (PIA), two projects led by the Université Claude Bernard Lyon 1 were selected in 2017 by the French National Research Agency through its "Teaching Hospital Research" (RHU - Recherche hospitalo-universitaire) call for projects:

▶ PERFUSE, which plans to improve the management of prostate cancer through high-intensity focused ultrasound ablation;

▶ CirB-RNA, which aims to develop a diagnostic test to support the development of curative treatments for hepatitis B.

INITIATIVES ORIENTED TOWARDS PHD STUDENTS

The Doctoriales: a fresh look at innovation issues

New to 2017, the Université de Lyon's first Doctoriales took place in May to bring together PhD students and socio-economic stakeholders in the region.

For the event, 67 PhD students, from 15 doctoral schools and 8 institutions from the Lyon Saint-Etienne site, took part in this hands-on training program by getting involved in a transdisciplinary operational mission. 12 organizations set one of their challenges to the PhD students, who then had to work like consultants to provide come up with avenues for development, recommendations and technical solutions.

Showtime for PhD students!

For the fourth year running, the Université de Lyon took part in the unmissable "My Thesis in 180 Seconds" gathering. Out of the 76 PhD students who had entered the competition, 14 candidates were pre-selected to share their research with the public and compete in the regional final organized by the Université de Lyon in April, 2017. Thibaut Souilliart, a PhD student from the École Centrale de Lyon, won the regional final (1st prize and audience prize) and represented the Université de Lyon in the national final.

As a little extra this year, and in order to support the candidates as much as possible, a 27-hour module is now available in the catalog of cross-cutting training courses available to all PhD students at the Université de Lyon.
THE COLLEGIUM DE LYON

The Collegium de Lyon is an Institute of Advanced Studies (IEA - Institut d’études avancées) that receives top-level international researchers conducting research in the site's priority scientific areas and working closely with laboratories, to promote exchanges between disciplines, cultures and languages. Let's get to know two of its researchers through three questions.

DUNCAN KEENAN-JONES
Research Associate
University of Glasgow (Scotland)
Researcher at the Collegium de Lyon

MAHIYE SEÇİL DAĞTAŞ
Doctor, Assistant Professor -
Department of Anthropology
at the University of Waterloo (Canada),
Researcher at the Collegium de Lyon

Firstly, let’s go back to what made you choose the Université de Lyon

In a way, Lyon chose me. In 2014, researchers from the Archéorient* laboratory at the Université Lumière Lyon 2 and the Lyon geology laboratory at ENS de Lyon contacted me with an offer to work with them. When we were writing our two joint publications, I was impressed by the innovative research carried out in Lyon, the expertise in archeology and geochemistry, the cooperation between the various teams and their world-class analysis equipment. So, I thought it might be a good idea to extend my stay here.

At the moment, my research is mainly focused on ancient history and geoarcheology. I am working in particular on the dynamics of urban communities in Ancient Rome, how they used technology to supply water, and their interaction with the climate and environment. I am also interested in interdisciplinary approaches that help us to piece together the past (at the crossroads of geology, evolutionary biology and genomics, and archeology and history), and in the way a better understanding of the past could help us prepare for the future.

What are the major advantages of the Collegium de Lyon for you?

The wide range of disciplines represented by researchers in Lyon means that there is a very stimulating environment. Weekly seminars result in fruitful discussions on subjects of common interest. The Collegium also provides its members with exceptional support (housing, guidance in the French higher education system, bilingual staff and French courses), which helps English-speaking families settle in Lyon.

I was attracted by the institutes and research programs associated with the Université de Lyon, and particularly by the "Memory, Cultures and Interculturality" UNESCO Chair at the Catholic Institute of Lyon, UMR 5206 Triangle, and the research and documentation centers at ENS de Lyon and Sciences Po Lyon. For my current research project, I also wanted to collaborate with researchers from these institutions, who are working on issues linked to religion and migration.

My research on anthropology in culture and society focuses on the plurality of religions, secularity and migration in Turkey and the Middle East. My work in ethnography looks at the conditions of religious coexistence in Antakya, a Turkish city near the Syrian border, where Alawite and Hanafi Muslims live together with Arab Jews and Orthodox Christians. I am studying the role of religion in situations of displacement by analyzing everyday interactions between these communities and Syrian refugees.

In which area of research do you work?

My research on anthropology in culture and society focuses on the plurality of religions, secularity and migration in Turkey and the Middle East. My work in ethnography looks at the conditions of religious coexistence in Antakya, a Turkish city near the Syrian border, where Alawite and Hanafi Muslims live together with Arab Jews and Orthodox Christians. I am studying the role of religion in situations of displacement by analyzing everyday interactions between these communities and Syrian refugees.

The Collegium de Lyon offers researchers a stimulating interdisciplinary environment and especially the time, far away from the stresses of university life, to reflect, discuss and pursue their research work. The institute supports its members throughout their stay by organizing weekly interdisciplinary seminars and monthly events, by helping them to organize colloquia in their own disciplines and by helping them to integrate into Lyon’s intellectual and cultural life.

Find all Collegium de Lyon news on its website collegium.universite-lyon.fr

* Archéorient Laboratory - Environments and societies of the Ancient Near East, a member of the Mediterranean and Orient Research Center (MOM - Maison de l’Orient et de la Méditerranée)
INNOVATING IN TRAINING AND SUPPORTING SUCCESS

The Université de Lyon offers a considerable range of training programs in all scientific fields, including PhD programs, the site’s flagship diploma of excellence. The university has emblematic training programs that are increasingly adapted to new professions and economic and societal needs. The Université de Lyon is also truly committed to innovative teaching and enhancing the employability of its graduates.

TRAINING TO MEET CHALLENGES ARISING FROM CURRENT CHANGES

2017 saw the arrival of a new further training program for business leaders who need to develop their business models, which can often be shaken up by either collaborative economy or digital change. The first training session called “Digital change, collaborative economy and disruptive innovation: reinventing your business model”, which was organized in partnership with MEDEF Auvergne-Rhône-Alpes and OPCALIA, brought together 23 people from 14 different companies (including Michelin and Lyon’s Musée des Confluences).

It aimed to train participants to anticipate opportunities, threats and opportunities associated with the new rules of the collaborative economy, and to help them obtain a firm grasp of the economic mechanisms that underpin these structural changes.

A NEW DIPLOMA FOR TRANSFORMING COMPANIES THROUGH DIGITAL TECHNOLOGY

In 2017, the Université de Lyon also launched the new Digital Transformation University Diploma. Centered around a real-life project (which accounts for 70% of time dedicated to training), this innovative hands-on training program brings together students in initial training and employees of partner companies and organizations, such as startups, SMEs, large companies, administrations and associations.

Developing digital knowledge and managerial expertise to understand and integrate digital technology into companies and organizations is the aim of this new diploma, which addresses all aspects of digital technology and the organizational, human, methodological and technological ways of dealing with it.

View all training programs on our website: universite-lyon.fr/education/
A MAP OF DIGITAL TRAINING PROGRAMS

2017 saw another new feature, the online publication of a map identifying 100 digital training programs offered by the founding member institutions of the Université de Lyon.

Focusing on digital professions listed in the Apec trade repository, this selection of training programs targets three types of professions:

- Actual digital professions
- "New" professions that use digital technologies
- Digital study, research and development professions

This new interactive tool, which can be found on the Lyon French Tech association’s website, will help to promote these training programs to regional stakeholders in employment and training.

Discover the map on the website: cartoformalft.fr/

IDFRICHES TO BETTER RECLASSIFY BROWNFIELD SITES

The Université de Lyon committed to the IDfriches project, which faces the ambitious challenge of reclassifying regional brownfield sites. Specific focus on training stakeholders involved in reclassifying sites should be highlighted, and led by the Scientific Interest Group (GIS - Groupement d'intérêt scientifique) Envirhônalp, as well as its mapping of initial and further training programs.

On December 18, at a discussion day organized by the Université de Lyon, 80 participants from research units, authorities and companies shared their training needs in the sector and explored concepts for new modules. With this in mind, the online publication of a catalog of training programs, available on the IDfriches website, as well as the creation of an IDfriches label, will highlight the services offered by the region’s higher education institutions and thus meet the project’s operational needs.

Find the sector’s training catalog here: idfriches-auvergnerhonealpes.fr/formations

Testimony of two participants in the Digital Change training school

"When we heard about the "Digital change, collaborative economy and disruptive innovation: reinventing your business model" training program, we signed up immediately, because the topics covered seemed particularly relevant to our need to understand the economic, social and societal revolution we are currently experiencing. We were curious, but little did we know what this training program would actually do for us.

We were really enthused by the training program. There was a perfect balance between the necessary theoretical teaching and practical workshops.

The training program provided an incredible wealth of information with outstanding and very professional guest speakers and a number of rewarding discussions.

In-depth work on our business model made us reflect on the position we wish to have in this "new world" and on the strategy we want to adopt.

Thanks to the training program, we have been able to take a fresh look at the years to come and can see a lot more opportunities than threats, as long as we move forward and embrace change, of course."

HERVÉ RAMPON
President
Confluent Intérim Group

SANDRINE RAMPON
Administrative and Financial Director
Confluent Intérim Group
By leading large-scale projects focusing on rehabilitation, economic development and improving student life, the Université de Lyon strives to make its facilities sustainable and to continually develop them, in order to offer all its students the best living conditions on campus.
NEW REAL ESTATE DEVELOPMENTS

In addition to the vast Lyon Cité Campus rehabilitation project, the real estate and environmental strategy led by the Université de Lyon and its member institutions has been deployed across all university sites. As part of the State-Region Project Contract (CPER - Contrat de plan État-Région) 2015-2020, the Université de Lyon has committed to a renovation and development program for the Porte des Alpes campus between now and 2020, several restructuring operations on the Lyon Santé Est campus and a redevelopment project on the Tréfilerie campus in Saint-Étienne.

LyonTech-la Doua continues to evolve

2017 was marked by the completion of the Axel’One and Innovation Pre-Factory buildings, as well as the start of renovation work on seven buildings: Ferrié, Kastler, Brillouin, Lippmann, Omega, Carnot and Pasteur.

For the campus’ economic development, the "Operators’ Club" made up of representatives from the site’s innovation services (the campus’ institutions and their affiliates, PULSALYS, Beelys and the technological platforms) launched the IRT SystemX support service for new economic stakeholders interested in the project.

Charles Mérieux campus: two sites undergoing change

Following the completion of the extension of the Lyon Sud Faculty of Medicine in 2016, 2017 saw progress with construction work at ENS de Lyon, with the start of renovation work on the Monod site. The planned extension between the M2 and M3 buildings and the renovation of the M6 building for chemistry and the startup incubator are underway. In December, 2017, the opening of a next-generation computer lab, the security control room and M7 building (former housing turned into laboratories) took place on the dates set out in the contract.

On the Quais Berthelot site, the Athéna building, the Fogier and Quiet auditoriums, the southern wing and center of the Human Sciences Institute (ISH - Institut des sciences de l'homme) building and the Dugas building were completed, accounting for 7,500 m² of the operation’s total 68,000 m². Works on the northern Demeter building are also underway.

Lastly, the Université de Lyon is leading a study on student housing with all partners concerned. This study will enable the university to have access to elements for analysis to guide its property development policy in the years to come.

Find more information at: lyoncitecampus.fr

DID YOU KNOW?

The Transformation Guide Plan for the Porte des Alpes campus (Université Lumière Lyon 2) is a framework document organizing the redevelopment of the campus in the medium- and long-term. In particular, it sets out major programs, such as the Learning Center and 700 student housing units, which will open in 2021.
FOCUS

ON MOBICAMPUS, THE MOBILITY MONITORING CENTER

Campuses are changing, and so are modes of transportation and how they are used. MobiCampus is a research project led by a team of researchers from the Université de Lyon, which aims to gain a better understanding of the travel needs and habits of the university community. In 2017, the travel habits of staff and students at VetAgro Sup, the Université Claude Bernard Lyon 1 and CPE were studied. The findings of this large web study will give background for improving travel between work, education and home, as well as on campus and between the university sites.
ACTION SUPPORTING THE ENERGY AND ECOLOGICAL TRANSITION

By signing the Energy and Ecological Transition Charter (TEE - Transition énergétique et écologique) in 2015, the Université de Lyon and its member institutions, in partnership with the Crous de Lyon, made a collective commitment to completing the successful transition of the Lyon Saint-Étienne university site and worked hard to reduce its environmental impact. The Université de Lyon is particularly keen on making its first mission an educational one, to teach citizens about these issues and help to improve their understanding.

The eco-friendly action campaign

Making habits and behavior more energy-efficient, clean and environmentally friendly are some of the tasks the energy and ecological transition strategy is to include. The Université de Lyon’s energy and ecological transition would be impossible without the active involvement of everyone who breathes life into the site each day: students, staff, researchers and research professors.

Technical officers and communication directors from the institutions and the Crous de Lyon met several times in 2017 to collectively design the eco-friendly action campaign for the entire site. Two student groups also helped to think this action plan through. This collective work resulted in the creation of a mascot and key messages used in the first campaign.

DID YOU KNOW?


With this signature, the Université de Lyon and its member institutions chose to join an initiative that now has 123 signatories, including 16 universities and the Conference of University Presidents (CPU - Conférence des présidents d’université).

The Université de Lyon also participated in the CUBE 2020 contest, and throughout the year, a team of volunteers took concrete action to improve the building’s comfort and energy and environmental management. The introduction of waste sorting was one of the much anticipated actions. Recycling bins have been placed on all floors so that cans, glass bottles, plastic bottles and plastic cups, paper and cardboard can now be collected and recycled.

The CUBE 2020 collection plan from July 1 to December 31, 2017:

1,385 KG of paper collected
21 HOURS of work created for disabled employees during the semester
762 KG of CO₂ SAVED

Following a joint application, the Université de Lyon, the Crous de Lyon and the Métropole de Lyon hosted a stage of the Tour de France Agir Ensemble 2017 operation in November 2017. For the event, the site held a range of fun and educational workshops aiming to promote eco-friendly behavior. These workshops were organized on the Lyon and Saint-Étienne campuses and had over 400 participants.

The "Tony the Mascot" sticker
Revitalizing campus life, improving the quality of student life and providing students with the means to grow through citizens’ initiatives or initiatives organized by associations are all key to success throughout their university career. Thanks to its student life policy, the Université de Lyon is reaffirming the attractiveness of its study programs, campuses and region.

THE BIRTH OF THE UDL SPORTS ASSOCIATION

A real forum for students to share, the Université de Lyon Sports Association (AS UdL - Association sportive de l’Université de Lyon), founded at the start of the 2017 academic year, was the result of collaboration between the institutions in the Lyon Saint-Étienne metropolitan area and promotes the site’s sports policy.

As France prepares for the 2024 Olympic Games, the AS UdL seems like a perfect springboard to train our athletes of tomorrow. And we can already see the results: a victory for the football team in China, a victory for the women’s team in the French Cross-Country Championships, etc.

FORECASTING STUDENT LIFE OF TOMORROW

Student support and success at university are central to the Université de Lyon’s mission.

With this in mind, an IDEXLYON call for projects was launched in 2017 on three major topics from the Student Life Blueprint:

► Developing student initiatives;
► Reinforcing students’ sense of belonging;
► Enhancing the attractiveness of the region.

EXTENDED OPENING HOURS IN 10 LIBRARIES

Led by the Université de Lyon, the ‘Open Libraries +’ project (PBO+ - Plan bibliothèques ouvertes +) helped to increase student library access to ten of the site’s libraries, by extending their opening hours in the evening, on weekends and during revision periods.

Funded for three years by the Ministry for Higher Education, Research and Innovation, this program, which should gradually be extended to all libraries across the site, met students’ high expectations. The free Affluences app, which enables users to view the opening hours and how busy the libraries are in real time, was also launched.

Discover the Student Life Blueprint: www.universite-lyon.fr/campus-life/
WELCOMING TALENTS FROM AROUND THE WORLD

The Students Welcome Desk (SWD) was open between September 5 and October 28, 2017. Organized by the Université de Lyon and its partners (the Préfecture du Rhône, the Région Auvergne-Rhône-Alpes, the Métropole de Lyon, the Crous de Lyon, ONLYLyon and Campus France), this multiservice desk welcomes and supports the integration of international students in the city by offering administrative support and themed events about student life.

In 2017, new measures were taken to welcome newcomers: the French Office for Immigration and Integration (OFII - Office français de l’immigration et de l’intégration) provided services to validate the visas of newly arrived students in France, and all students could benefit from additional support thanks to the Meet & Greet program, which organized informal gatherings led by professionals and covered seven subjects this year, namely jobs, housing, health, education counseling, tourism, transportation, culture and attractiveness. To harmonize induction practices across the region, the SWD was also set up in Saint-Étienne to replace the SESAM scheme.

13 STUDENT INITIATIVE FUND PROJECTS FUNDED IN 2017

Through culture, sustainable development, innovation, welcoming international students, etc., the Student Initiative Fund (FIE - Fonds d’initiative étudiante) aims to support action taken by student associations on the Lyon Saint-Étienne site which revitalize campus life. Led by the Université de Lyon, the scheme also strengthens inter-institutional ties.

Out of the 17 projects submitted this year, 15 were admitted, and 13 were funded for a total of 48,750 euros.

At the end of the year, a new FIE scheme was launched with two substantial changes:
- New criteria to promote inter-institutional action by student associations;
- Emphasis on a theme through a specific call for projects: the thematic FIE.

In 2017, sustainable development was the chosen theme, echoing the Energy and Ecological Transition (TEE) scheme deployed across the Lyon Saint-Étienne university site.

10,000 STUDENTS WELCOMED at the Students Welcome Desk in Lyon and Saint-Étienne

13 STUDENT INITIATIVE FUND PROJECTS funded

3,578 STUDENT APPLICATIONS registered by the Préfecture du Rhône
ENCOURAGING ENTREPRENEURIAL SPIRIT

The Université de Lyon is situated in an attractive region, Auvergne-Rhône-Alpes, which is pioneering entrepreneurial dynamics and vitality. Thanks to its strategic position, the Université de Lyon is taking on an even stronger role in the Lyon Saint-Étienne metropolitan area as a center of excellence for social innovation.
BEELYS: FROM AN INITIAL IDEA TO ITS ACCELERATION

Led by the Université de Lyon and the Fondation pour l’Université de Lyon, the Beelys (Booster l’esprit d’entreprendre à Lyon et Saint-Étienne) center’s mission is to raise student awareness about entrepreneurial spirit and to support projects setting up companies for all students and young graduates from the Lyon Saint-Étienne site.

Building on its incredible growth since it was set up three years ago, Beelys has already raised the awareness of over 25,000 students, including 800 between 2016 and 2017 with its inter-institutional Campus Creation competition. Among its numerous resources, it also offers services, such as funding support, prototyping, skill grants and international schemes. In this respect, Beelys initiated the creation of a network to host entrepreneurs abroad called International Soft Landing for Entrepreneurs (ISLE), which was set up with the Université de Sherbrooke’s Technological Company Creation Accelerator (ACET - Accélérateur de création d’entreprises technologiques) in Quebec.

Lastly in 2017, the region’s entrepreneurs were awarded at the i-LAB Tremplin competition. Out of the ten regional winners, five were awarded national prizes, and one project won one of the major awards.

INNOVATING DIFFERENTLY WITH THE INNOVATION FACTORY

Still in 2017, the LyonTech-la Doua Innovation Pre-Facory opened its doors.

Covering over 350 m² at the entrance of the campus, the Innovation Pre-Facory houses a technological FabLab led by a student association of the Université de Lyon and a creative collaborative workspace. This space has already been well-utilized by the PEPITE (Pôle étudiant pour l’innovation, le transfert et l’entrepreneuriat) Beelys, the SATT PULSALYS, and around forty students (ENSAL, INSA Lyon, ENTPE) during the VICAT “How to regenerate a city” contest.

This temporary space was launched as a precursor to the Innovation Factory, a cross-cutting project at the Université de Lyon, with three future buildings planned for 2019 and 2022: the D-Factory in Saint-Étienne, the E-Factory at the Manufacture des Tabacs in Lyon and the I-Factory on the LyonTech-la Doua campus. The construction project for the E-Factory on the Université Jean Moulin Lyon 3 site is making good progress, having finalized the preliminary design.

Find all innovation and entrepreneurship news on our website universite-lyon/innovation-entrepreneurship/
FOCUS

ON TWO PULSALYS STARTUPS

The main objective of the SATT PULSALYS is to select innovative research findings from the Université de Lyon’s laboratories, to develop their maturity and to transfer them to socio-economic sectors. By enhancing the competitiveness of companies, PULSALYS accelerates the economic development of our territory.

GreenWake Technologies

GreenWake Technologies is the story of a project emerged in a laboratory at the Université de Lyon, which turned into a high-potential startup. The technology used by the Ampère laboratory was picked up on by PULSALYS, who decided to invest in its technological development, intellectual protection and search for socioeconomic partners to accelerate its transfer to market. The innovation lies in autonomous sensors that enable electronic devices to be powered remotely using radio waves, which is particularly useful for monitoring industrial installations. The launch of GreenWake Technologies came to fruition when Christian Vollaire, a researcher at the Ampère laboratory, and Spas Balinov, an entrepreneur, met. The acceleration of GreenWake Technologies by PULSALYS was a true success, and its commercialization was launched in 2017.

Lab’N’Biz

The Lab’N’Biz startup was created by Catherine Serboff and her brother Thierry, who were researchers at the Coactis laboratory and called upon PULSALYS to promote their research results. Thanks to PULSALYS’ support with the intellectual property strategy and funding for its development, the project was created. Lab’N’Biz developed Scan Up, an automated diagnostic tool for strategic practices and management for very small businesses and SMEs to boost their business. The tool was tested and highly regarded during the SME Ambition project launched by the Région Auvergne-Rhône-Alpes, which was a true vote of confidence.

Key numbers by December 31, 2017

€11M
INVESTED BY PULSALYS into projects

118
PATENTS filed by PULSALYS

50
STARTUPS created

€11M
raised by PULSALYS STARTUPS
In connection with the socioeconomic and institutional sector, the Fondation pour l’Université de Lyon (FPUL) aims to contribute to the renown of the Université de Lyon and the region both abroad and in Lyon and Saint-Étienne. Chaired by Bernard Bigot, the Fondation pour l’Université de Lyon takes concrete action by:

- **Incubating and carrying out projects in the fields of entrepreneurship (Beelys, Lyon StartUp), attractiveness (Espace Ulys, BigBooster), regional development (JÉCO, BIOVISION, FundByU) and innovation and research (3D Plastronics and innovative training programs);**
- **Supporting 17 foundations** in three main areas: research and innovation, social and societal action, and higher education institutional foundations;
- **Pooling skills.**

To encourage proximity and discussion with teams from the Université de Lyon (UdL) and thus achieve its mission as effectively as possible, the Fondation pour l’Université de Lyon moved to 35 rue de Marseille at the start of the year, a location much closer to the UdL.

One highlight was the tenth year of the JÉCO (Journées de l’économie) organized by the Fondation pour l’Université de Lyon in November. This major French event for economic debate enabled participants to reflect on the past ten years to think about changes that will mark the next decade, with over sixty subjects covered.

The Neurodis Foundation also celebrated its 10th birthday by organizing a gala dinner to support local brain research.

Beelys raised the entrepreneurial awareness of over 10% of students at the Lyon Saint-Étienne university site, making the program the largest PEPITE in France. The winners of the 5th Lyon StartUp competition, launched in September, will join the 74 companies already created by the scheme, which supports the setting up of companies.

In June, the entire entrepreneurial center participated in the entrepreneur trade show with PULSALYS and the Innovation Factory.

In 2017, FundByU, the crowdfunding platform for project leaders within the Université de Lyon, consolidated its action with 22 campaigns, 130,000 euros raised and over 1,500 sponsors since launching in 2014.

In October, the Fondation France Répit laid the cornerstone for its respite house, which will house sick and disabled children and adults, as well as their family and caregivers, from September 2018 for regular healing and support visits.
The Université de Lyon places international students, PhD students and researchers at the heart of its vision. The Université de Lyon’s international policy, set up with its member institutions, is one of the fundamental pillars of the Université de Lyon’s strategy to become a world-class university.
**STRONGER PARTNERSHIPS ABROAD**

First undergraduate law class at the University of São Paulo

Students from the first off-site undergraduate law class in Brazil received their diplomas during a graduation ceremony organized in July 2017 in São Paulo. This was the culmination of inter-institutional cooperation initiated in 2014 between law departments at the Lumière Lyon 2, Jean Moulin Lyon 3 and Jean Monnet universities and the University of São Paulo (USP).

The study program, created as part of International Triangular Higher Education Partnerships (PITES - Partenariats internationaux triangulaires d’enseignement supérieur) projects, received special support from the Université de Lyon’s representative office, which was set up in São Paulo in 2013.

**2017 DOCTORAL MOBILITY GRANTS**

Following the decision to extend PALSE (Programme Avenir Lyon Saint-Étienne) by another year, the call for applications for doctoral mobility grants was renewed and launched in June 2016 to all 17 doctoral schools. The allocation committee then approved the mobility programs of 37 winners in January 2017:

- **23 candidates** were chosen for outward mobility programs: 11 are connected to a Laboratory of Excellence (LabEx), and 9 were chosen to go to a particular “target” city.
- **14 candidates** were chosen for inward mobility programs: 7 are connected to a Laboratory of Excellence (LabEx), and 3 were chosen to go to a “target” city.

**THE ERASMUS+ CHARTER**

In October 2017, the Université de Lyon signed the Erasmus Charter for Higher Education. Through this commitment to improving the profile of graduates to better meet current challenges and the standards of the European Community, the Université de Lyon will be able to increase its presence in European academic networks.

The Université de Lyon therefore hopes to facilitate and strengthen student, PhD student, research professor and staff exchanges, and to also be part of structuring projects building strategic partnerships.
To celebrate the 30th anniversary of the Erasmus program, the Université de Lyon, in collaboration with seven of its member institutions, impressively organized the Lyon Erasmus Days event from October 13 to 14, 2017. A special mention should be made of the "Erasmus+: 30 years of progress, a joint project" conference and the "Europe's sporting showcase in Lyon" day, which both drew in around a hundred participants.
HEALTH, AN EXEMPLARY COOPERATION BETWEEN OTTAWA, SHANGHAI AND LYON

Throughout 2017, the Université de Lyon, working closely with the Université Claude Bernard Lyon 1, expanded the number of partnerships in the field of medicine with its key partners from the International Alliance:

► Ten students from the Faculty of Medicine at the Shanghai Jiao Tong University (SJTU) participated in the “Medicine and Humanities” summer school organized in Ottawa in July 2017;

► The Université de Lyon, along with the Hospices Civils de Lyon, signed a collaboration agreement with the University of Ottawa, enabling medicine interns to receive rewarding training experience over several months abroad;

► The Université de Lyon signed an outward mobility agreement with the Faculty of Medicine at the Shanghai Jiao Tong University;

► A regional cancer research cooperation program was launched with the Shanghai Jiao Tong University as part of the international scientific university cooperation scheme (SCUSI - Soutien aux coopérations universitaires scientifiques internationales) by the Région Auvergne-Rhône-Alpes. Conducted by the Université de Lyon, this unprecedented project enabled six students from SJTU to take a two-year Master’s degree at the Claude Bernard Lyon 1, Jean Monnet, Clermont Auvergne and Grenoble Alpes universities.

RHÔNE CAMPUS ALLIANCE

At the end of 2017, five universities from the Lake Geneva and Auvergne-Rhône-Alpes regions joined forces to create the “Rhône Campus Alliance” network and thus strengthen the scientific synergy between the Université de Lyon, the University of Geneva, the Communauté Université Grenoble Alpes, the Haute École Spécialisée de Suisse Occidentale (HES-SO) and the University of Lausanne.

This network draws on the sharing of resources and skills between all five institutions and on their geographical proximity to develop partnerships in three main areas: energy, sustainable development, neuroscience and health.

From left to right: François Bussy, Vice-Rector of the University of Lausanne, Patrick Lévy, President of the Communauté Université Grenoble Alpes, Yves Flückiger, Rector of the University of Geneva, Khaled Bouabdallah, President of the Université de Lyon, and Yves Rey, Vice-Rector of Teaching at HES-SO, who gathered at Uni Dufour for the creation of the Rhône Campus Alliance.

© David Venier - Université Jean Moulin Lyon 3

© Adeline Blanchot - Université Lumière Lyon 2

© UNIGE / Jacques Erard

90 STUDENTS for the 1st off-site undergraduate law class

30 DOCTORAL MOBILITY grant winners

1 RHÔNE CAMPUS ALLIANCE network

4 INTERNATIONAL PARTNERSHIPS in the field of medicine
Following on from its academic missions, the Université de Lyon helps to disseminate scientific knowledge among civil society, in order to strengthen dialog and develop a better understanding of its needs. In 2017, the creation of Pop’Sciences, which aims to answer the questions of all those with a thirst for knowledge, was a definite step in this direction.
POP’S CIENCES: SCIENTIFIC CULTURE AND KNOWLEDGE SHARED

Where is the latest research on language at? How can my child learn about scientific experiments? When could I meet a cancer specialist? To answer these questions, the Université de Lyon, along with all the scientific culture officers in Lyon and Saint-Étienne, designed the Pop'Sciences portal, which offers an agenda of ‘science and society’ events, a collection of resources and media, and schemes for pupils and their teachers, etc.

Pop'Sciences also has a community of local stakeholders, including researchers, communications officers and scientific mediators, who have decided to present their cultural ideas to the public through a single channel, and commit to open access initiatives by coming up with new ways of disseminating scientific knowledge.

THE FIRST POP’S CIENCES FESTIVAL

Organized in June 2017, the Pop’Sciences launch festival was held in the Sergent Blandan park (Lyon) to think collectively about the research of tomorrow. A great opportunity to discuss the links between mathematics and the voting systems, to question the notion of “shared”, to listen once again to Vance Bergeron, a researcher and bionic athlete, and to revisit astronomic oddities, etc.

Find out more on Pop’Sciences at popsciences.universite-lyon.fr/

A PLATFORM FOR REFLECTION ON AND TRAINING IN RESEARCH ETHICS

The Université de Lyon's ethics platform looks at three areas to lead monitoring, training and action-oriented research activities based on preventing fraudulent schemes, the falsification of results and plagiarism. To take this even further, a new PhD program was launched to raise the awareness of PhD students about approaches to embedded ethics and to support them with writing their thesis and submitting their research projects.

**DID YOU KNOW?**

The law on doctoral training adopted in 2017 requires to raise awareness among all PhD students about the issues of scientific integrity and research ethics throughout their PhD. Furthermore, ethical reviews have become a prerequisite for calls for projects (ANR, PIA, H2020, etc.), and the European Commission strongly encourages taking all action connected with Responsible Research and Innovation (RRI).
In a quest to build the “Target University” (“Université Cible”) and confirm the IDEX label by 2019, the Université de Lyon is engaging in a new dynamic for 2018 to intensify inter-institutional cooperation across the Lyon Saint-Étienne university site.

OUTLOOK FOR 2018

It aims to ensure regional coordination by building on the achievements that have enabled the higher education institutions in Lyon and Saint-Étienne to develop and achieve recognition for the site’s highly integrated policy. Regional coordination is based on three target areas:

- The **Target University**, which will initially be composed of the five institutions involved: Université Claude Bernard Lyon 1, Université Jean Moulin Lyon 3, Université Jean Monnet, École normale supérieure de Lyon, Institut national des sciences appliquées de Lyon (INSA)
- The **IDEXLYON consortium members**
- All member and associated institutions within the university site, which together form the current Community of Universities and Institutions (COMUE - Communauté d’universités et établissements), in order to organize regional coordination.
FINANCIAL OUTLINES

2017 BUDGET

€83.7M
including

€43.1M
of investment

LYON CITÉ CAMPUS

Charles Mérieux campus

€15.5M

LyonTech-la Doua campus

€27.3M
CONTACTS

Université de Lyon
92, rue Pasteur
69361 Lyon Cedex 07, France
+33 (0)4 37 37 26 70
www.universite-lyon.fr

The Innovation Factory
92, rue Pasteur
69361 Lyon Cedex 07, France
+33 (0)4 37 37 26 70
www.universite-lyon.fr/innovation-entrepreneurship/

Fondation pour l’Université de Lyon
Bâtiment New Deal
35, rue de Marseille
69007 Lyon, France
+33 (0)4 78 92 70 00
www.fondation-pour-universite-lyon.org

PULSALYS - SATT Lyon Saint-Étienne
Bâtiment Marco Polo
47, boulevard du 11 novembre 1918
69625 Villeurbanne Cedex, France
+33 (0)4 26 23 56 60
www.pulsalys.fr

Beelys
Bâtiment New Deal
35, rue de Marseille
69007 Lyon, France
+33 (0)4 78 92 74 64
www.beelys.org

Collegium de Lyon
Immeuble Tony Garnier - Allée A
24, rue Baldassini
69007 Lyon, France
+33 (0)4 72 76 14 10
www.collegium.universite-lyon.fr

Legal information regarding this publication
Editor: Université de Lyon
92, rue Pasteur – CS30122
69361 Lyon Cedex 07
France
Publication director: Khaled Bouabdallah
Communications director: Cécile Cassin
Design and graphics: Julie Armanet – Communications department
Coordination: Isabelle Forestier & Lucie Dupouy – Communications department

Photo credits
Nicolas Robin, David Venier - Université Jean Moulin Lyon 3,
Vincent Moncorgé, ENISE, Vanessa Cusimano - CNRS,
Confluent Intérim Group, Christophe Delory, Université Jean Monnet,
Nicolas Rival - Université Lumière Lyon 2, Thierry Fournier - Métropole de Lyon,
PULSALYS, Manuel Salazar, Adeline Blanchot, Jacques Erard,
Université de Lyon, Desvigne Conseil, Yves Jegou - École Centrale de Lyon, and Flaticon.

This report was printed in line with PEFC standards.