



# Toulouse

A CENTRE OF EXCELLENCE

from biosciences  
to bioproduction

Agence d'Attractivité **Toulouse**   
**Tourism - Meetings - Business**



# Toulouse,

a dynamic place of experimentation  
in industrial biotechnologies



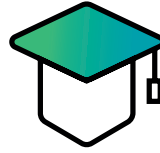
1.3

million inhabitants



5

billion per year  
invested in R&D



120,000

students



20,000

researchers

## Main targeted application sectors



energy



food  
and feed



health and  
cosmetics



environment



chemistry  
materials

## The entire value chain from research to production

### INSA

Institut national  
des sciences appliquées

The "Institut National des Sciences Appliquées" is an international and pluridisciplinary state school offering 8 engineering specializations including computer sciences, civil engineering, applied physics and biological engineering.

### LISBP

Laboratoire d'ingénierie  
des systèmes biologiques  
et des procédés

The international public lab holds an innovative position at the interface between life sciences and process sciences. Its work has applications in sectors of health, biotechnologies, environment, food processing, agri-business and chemistry.

### TWB

Toulouse White  
Biotechnology

This pre-industrial demonstrator provides a concrete response to industrials, biotechnology entrepreneurs and researchers to develop new biological production chains, alternative to conventional ones.

### CRITT

Bio-industries

CRITT Bio-Industries gives support to companies to conceive, improve, elaborate and qualify production processes (simple or complex molecules from raw materials).

Education

Research

Technology  
scale up

Industrial  
scale up  
& transfer

your company

TWB

LISBP

CRITT





## Lallemand, a Toulouse leading industry

Lallemand develops, produces and markets yeast, bacteria, and derivatives of microorganisms for applications in bakeries, wine, beer and alcohol producers, fuel ethanol industry, pharmaceutical, food and agricultural industries. It employs approximately 3,500 people in over 45 countries.

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# Toulouse White Biotechnology: a preindustrial demonstrator

TWB forges links between research and industry. The projects are supported from research and proof of concept to pre-industrial development and industrial technology transfer including business creation.

## Objectives

- 1/ To improve the development of new methods of **sustainable production**.
- 2/ To facilitate the public **research** with the **industry** interface.

## Services

- Organising and running R & D projects.
- Supporting startups.

TWB hosts startups, provides workspace and a range of services (advice, scientific and technological support, access to leading edge equipment...).

## Key facts



**8**  
million-euros  
turnover.



**60** ongoing  
projects  
(R&D  
services).



**145**  
projects  
since  
2012.



Since  
June 2015  
**1,700 m<sup>2</sup>** and  
about **90** people.



In 2020, TWB will  
be back to the INSA  
campus in Toulouse.  
Total surface: **2,500 m<sup>2</sup>**.

## 51 partners including:

| Total | L'Oréal | Roquette | Michelin | Adisseo | Givaudan |  
| Tereos | Servier | Agronutrition | Proteus | Helioscience |





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## Invest in Toulouse

# Free and confidential support to set up your company

### Information on Toulouse

- Provision of viable economic information.
- Identification of business opportunities.
- Information on French companies, tax and labor law.
- Organization of a 2-day education tour in order to meet potential local partners and clusters.

### Set-up support

- Site-selection and help in finding the right mentoring network in Toulouse.
- Local recruiting support: translation, legal information, diffusion of job offers, preselection of applications, contacts of recruitment agencies and head hunters.
- Public and private funding: screening of key subsidies and loans, financial simulation, guidance in subsidy document filings, contacts of private investors, local bilingual lawyers, tax consultants and banks.
- HR mobility support on residence permits and official procedures, information on living in Toulouse, sightseeing tour, contacts of relocation agencies.

### Promotion of your activity


- Promotion of your new local establishment: press conference and release, social media communication.
- Local networking: invitation to cultural and sports events, monthly newsletters.



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Invest in  
**Toulouse** 

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