



FÉDÉRATION  
**GAY-LUSSAC**  
20 ÉCOLES DE CHIMIE

# PASSIONATE ABOUT CHEMISTRY?

Exploring tomorrow's world !  
[www.20ecolesdechimie.com](http://www.20ecolesdechimie.com)

Today, it is not possible to innovate in any domain without needing high-level scientists with skills in chemistry and process engineering. The Federation Gay-Lussac teaches these people, men and women, providing them with the necessary managerial and soft skills in order to be open-minded and capable of engaging in society's transition towards being more eco-responsible.

# THE FEDERATION GAY-LUSSAC

The Federation Gay-Lussac is a national network of **20 graduate schools of chemistry and process engineering**

Created in 1994, it is the oldest thematic network of science and engineering graduate schools in France. The Federation Gay-Lussac enables these schools to apply, combine and share their means in order to undertake practical actions that bring an added bonus to the education of engineers.

Dialogue and the exchange of experience are necessary in the ecological and societal transition of the chemistry sector through its commitments and numerous achievements.

**Educating  
chemical  
engineers  
for  
30 years**

**6 000**

engineering students

**1 600**

graduates per year

**120**

laboratories

**1 000**

PhD students

**300**

theses defended each year

**30 000**

hours of continued education

**35%**

of classes is practical work

# EDUCATING the chemists and chemical engineers of the future

## > Transmission & collaboration

The objective of the Federation Gay-Lussac is that all their chemistry and process engineering schools work together in order to provide all the skills and knowledge necessary for these future scientists and engineers. For this, they **discuss and share their experience in work groups**, which fosters mutual respect. In addition, they **pool their resources** to ensure that the education offered is accessible and provide innovative teaching.

## > Responsibility

The Federation Gay-Lussac has positioned itself as a **major actor in the present ecological and societal transition**. Its mission is to educate the chemists and chemical engineers of the future, taking into consideration the diversity of society and engaging in **lowering the carbon levels in the sectors** of chemistry and process engineering.

## > Expertise

The Federation Gay-Lussac schools are the foundation of **research and innovation** in the industrial world. 30% of our graduates occupy posts in scientific and technical research & development. The Federation favors **the dissemination of knowledge** in the chemistry and process engineering domains and strongly encourages interdisciplinarity.

## > Innovation

The Federation Gay-Lussac schools encourage **an entrepreneurial and innovative spirit**. Through group projects, time spent studying or working abroad in internships or exchanges, and campus life, the chemist or chemical engineer is encouraged to work with others and be creative in order to **explore and find new solutions**.

For 30 years in 5 schools of the Federation, the integrated preparatory classes (CPI) have provided a privileged point of entry to graduate schools of chemistry and process engineering. Each year, they welcome 350 school leavers.

The Chem.I.St (International Chemistry Studies) program is an integrated preparatory class that welcomes students from all over the world as well as giving French students the opportunity to include an international dimension in their career path.

The Federation Gay-Lussac is firmly committed to lowering carbon levels via the *Décarbochim consortium* working alongside *France Chimie* and the *ADIUT* (Assembly of IUT (University Institute of Technology) directors).



**The numerous actions  
of the Federation Gay-Lussac...**

**Discover more :**  
**20ecolesdechimie.com**



# 20 graduate schools & 5 integrated preparatory classes

JOIN  
our community



**20**  
FGL GRADUATE  
SCHOOLS



**5**  
SCHOOLS OFFERING AN  
INTEGRATED PREPARATORY  
CLASS PROVIDING A  
PRIVILEGED POINT OF ENTRY  
TO THE 20 FGL  
GRADUATE SCHOOLS



**SCHOOLS OFFERING  
THEIR OWN INTEGRATED  
PREPARATORY CLASS**



**WORK-STUDY  
ENGINEERING  
DIPLOMA**



**FGL SCHOOLS  
OFFERING  
INTEGRATED PREPARATORY  
CLASSES & WORK-STUDY  
ENGINEERING  
DIPLOMA**



**SCHOOLS OFFERING  
INTEGRATED  
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