International seminar on industrial doctorates
Approaching enterprises and universities

CIFRE - industrial doctorate’s fellowship
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General scheme of the CIFRE fellowship

ANRT signs Cifre with

Funding € 14,000 / year during 3 years (€ 42,000)

+ Research tax credit € 10,500 depending the salary

Research partnership contract

French COMPANY

3 years contract with minimum gross annual salary of € 23,484

Average 2013 : € 28,600

PhD STUDENT

French academic LABORATORY*

Supervision by academic supervisor
Enrolled each year in doctoral school attached of laboratory

* A co-supervision by a foreign academic laboratory is possible
Since 1981, 2 main aims:

- To place PhD students in two scientific professional environments: both academics and business

- To encourage research and boost exchanges between academic laboratories and companies
Today, 3 Cifre programs are running

CIFRE PhD Fellowship funded by

Since 1981: French research ministry, 4 000 Cifre ongoing
- No nationality condition
- All scientific areas
- All sectors of activity

Since 2009: French defence ministry, 40 Cifre-Défense ongoing
- For European students
- Defense sector suppliers
- Almost all scientific areas

Since 2013: Brazilian council for the science and technology
- For Brazilian students
- Science and technology areas
- All sectors of activity
All scientific areas

- IT: 22%
- Engineering: 20%
- Social sciences: 13%
- Humanities: 12%
- Chemistry/Material: 11%
- Health: 7%
- Earth sciences: 1%
- Physics: 2%
- Maths: 8%
- Agronomics: 4%
All types of companies

Cifre fellowships allocated in 2013 according to the size of the company

- Small size < 250 employees: 63%
- Medium size 250 to 5,000 employees: 13%
- Big size and corporate > 5,000 employees: 19%
- Associations & public sector: 5%
All sectors of activity (values 2012)

- Aeronautics & Space: 8%
- Electronic-Communication-IT: 21%
- Energy production and distribution: 10%
- Equipment & Products: 6%
- Pharmaceuticals & Medical: 11%
- Food industry: 8%
- R&D and engineering consulting: 2%
- Tertiary services: 1%
- Finance & Legal: 7%
- Chemicals & Materials: 7%
- Transport: 21%
- Building and Public works: 14%
- Edition: 3%
- Transport: 2%
- Tertiary services: 8%
- Finance & Legal: 7%
Interest for the partners

- **Students**
  - Doctoral research in connexion with the needs of a company
  - Ability to manage a research project in academic and business context
  - 2 types of supervisions: academic guidance and monitoring by the company
  - a high rate of success

- **Company**
  - Gets an employee full time dedicated to the project and being a “go between” between the laboratory and the company
  - Increases its R&D knowledge for competitiveness
  - Gets research ministry financial support

- **Academic laboratory**
  - Develops its Public Private partnership
  - Gets new ideas of research
  - Gets a financial support for its PhD students through Cifre process and the involvement of the company
  - Could get direct funding from company
In 2013, 25% foreign students

- France: 75%
- European Union excluding France: 7%
- Europe outside the EU: 1%
- Asia: 3%
- Sub-Saharan Africa: 2%
- North America: 1%
- Middle East: 2%
- Maghreb: 7%
- Latin America: 2%
- North America: 1%
- Sub-Saharan Africa: 2%
- Asia: 3%
- Europe outside the EU: 1%
- European Union excluding France: 7%
- France: 75%
Academic cosupervision possible

- PhD student
- Company in France
- CIFRE
- French academic laboratory
- Abroad academic laboratory
- COTUTELLE
Time to get a job?

Delay to get a job by former Cifre having completed in 2008 debriefed in 2014

- < 3 months: 90%
- 3 months: 6%
- 6 months: 3%
- 1 year: 1%
- 2 years: 0%
- 3 years: 0%
- 4 years: 0%
- > 4 years: 0%
Stay or not in Cifre partner after the thesis?

At the end of Cifre they were … versus size of company

Moreover 25% go to the academic body
For more information

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