



Yncréa Hauts-de-France

Dr. Philippe Biela, Director of international development

1. General overview

Yncréa Hauts-de-France ([法国英科工大](#)) is a private higher educational institution with three French Grandes Ecoles d'ingénieurs, members of the Conference of Grandes Ecoles in France (CGE) and recognized by the French government. Since the creation of its first Grande Ecole: Hautes Etudes d'Ingénieur in Lille in 1885, Yncréa Hauts-de-France has become one of the European leaders as a private non-profit organization devoted to high education and engineer training. All the engineer degrees of its schools are accredited by the French state organization CTI (Commission des Titres d'Ingénieur).

Yncréa Hauts-de-France is composed of three Grandes Ecoles d'ingénieurs in Lille: Hautes Etudes d'Ingénieur ([HEI](#)), Institut Supérieur d'Agriculture ([ISA](#)) and Institut Supérieur d'Electronique et du Numérique ([ISEN](#)), they offer together a huge High Education platform with a total of 40 majors in different fields of engineering activities.

HEI ([高等工程师学院](#)) is a Grande Ecole d'ingénieurs created in 1885 and specialized in 14 domains of research and educational activities including civil engineering, computer technology, mechanics, energy, chemistry, smart cities, medical engineering, logistic, textiles, entrepreneurship, automation and so on, with 2400 students.

ISA ([里尔高等农业学院](#)) is a Grande Ecole d'ingénieurs created in 1963 and specialized in agriculture, food science, environment and landscape, with 1200 students.

ISEN ([里尔高等电子与数字学院](#)) is a Grande Ecole d'ingénieurs created in 1956 and specialized in the domains of information, electronic and numerical technology, bio-nanotechnology, software and networks applications, with 650 students. Nanotechnology is a targeted field of research and teaching of ISEN.

2. Key figures

- more than 4 000 students
- 26 000 alumni
- 400 staff
- 3 engineering degrees (Master of Science and Engineering)
- 40 majors (including 10 majors taught in English)
- 23 research laboratories including 4 laboratories of French National Center of Scientific Research-CNRS
- 300 abroad partner universities

- 2500 industrial partners
- Annual budget of 45M€

3. University strengths / key projects

Interdisciplinary activities and innovation at the center of projects with ADICODE® and ADICITE®. In addition to the activities of each school who maintains and develops its own brand and degrees, Yncréa Hauts-de-France runs joint projects, centered on innovation and interdisciplinary research and development. The educational and research activities and assessments of these joint projects of innovations, codesign and innovation management are grouped together in a global scheme and promoted with a common brand ADICODE®. This scheme has been extended to the topic of energy, habitat and environment via the ADICITE® project dedicated to innovation workshops of the city undergoing an energy and society-related transition and so on in the field of Smart Cities.

4. International strategy

Yncréa Hauts-de-France proposes to its international partner universities a Bachelor-Master (French Engineer Degree) joint program called **Partnership Programs** which offers to the international students the possibility to carry out three years bachelor study in their home country and then to come to France for two or three years engineering study at HEI, ISA and ISEN. The **Partnership Programs** allows the international students to get the Bachelor degree at home from their original university and the French Engineer degree (Master of Science and Engineering).

Contact:

Dr. Philippe Biela

Phone: +33 6 78 09 39 80 (France)

WeChat: philippebiela

Email: philippe.biela@yncrea.fr

5. Research at Yncréa Hauts-de-France

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| - Electrical Network Clusters and Intelligent Transportation | - Robotics |
| - Processes, Sustainable Chemistry and Health Cluster | - Material Physics and Nanosciences |
| - Innovative Materials Cluster | - Food process and sensory evaluation |
| - Energy, Habitat, Environment | - Environment and Soils |
| - Entrepreneurship and Innovation Management | - Animal welfare and livestock systems |
| - Electronics and Microelectronics | - Farming and Territories |
| - Information Technology | - Biotechnology, Management of pathogens in Agriculture |

6. Entrepreneurship

During their studies at Yncréa Hauts-de-France, all the students, including the students of **Partnership Programs**, will follow courses in Entrepreneurship, Management, Business, Innovation, etc. to get a good overview, a solid understanding and practical knowledge of industrial, financial and economic activities. All the students have to carry out internships and industrial projects in companies and firms in France and abroad for a total duration of 12 months.