

# Rennes University Institute of Technology (IUT)



IUT Rennes

[iut-rennes.univ-rennes1.fr](http://iut-rennes.univ-rennes1.fr)

*Chisinau, 2019 November 15*

# University Institute of Technology (IUT)

- Localization (Rennes)
- French Educational System
- Focus on IUT Rennes
  - Specialities
  - GMP
  - GEII
- Opportunities with us



# LOCALIZATION

Brittany, a dynamic region

Rennes, a wonderful city to explore

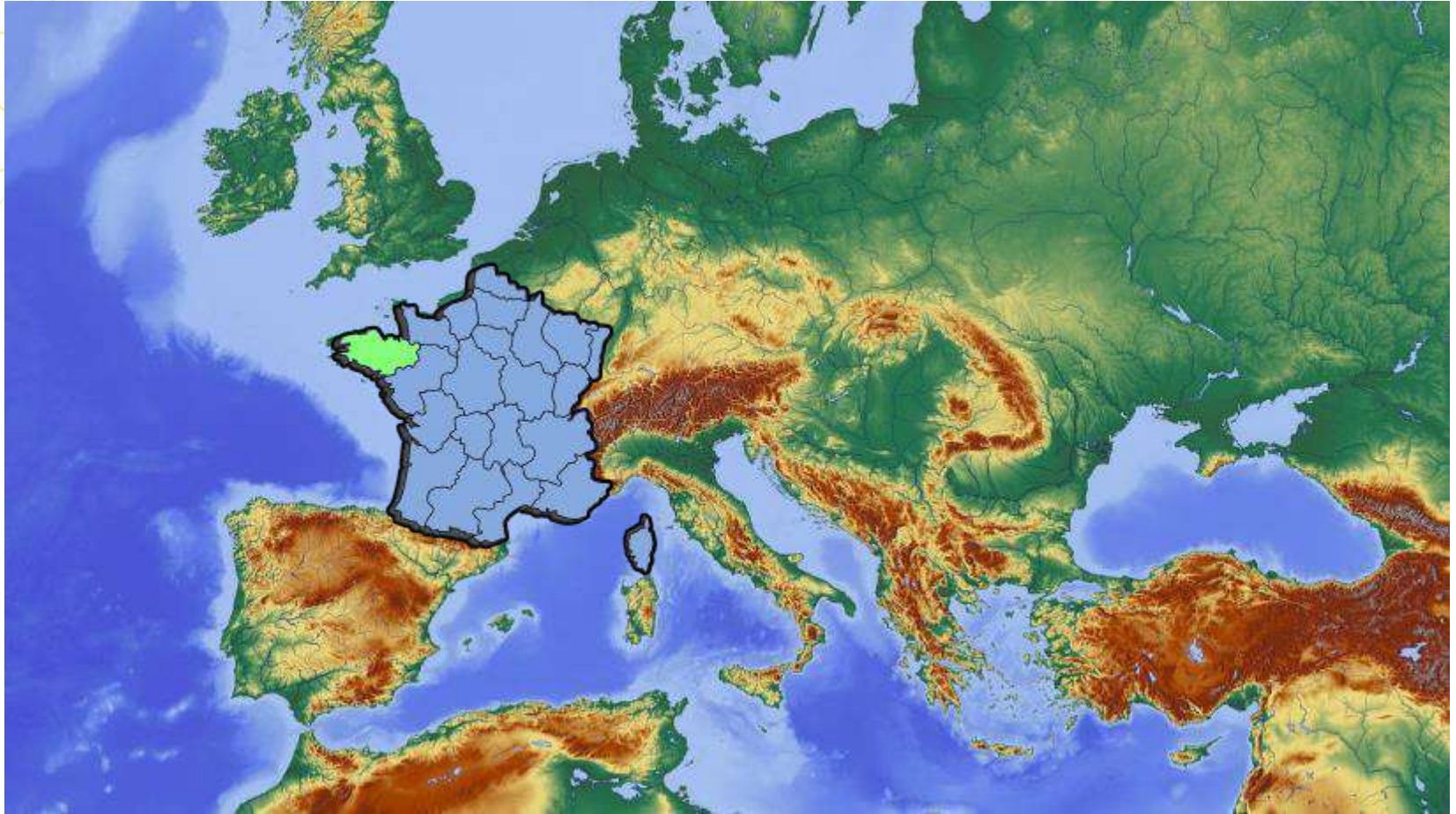


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Where are we?

**FRANCE** in Europe



# Where are we?

Extrem 'far' west  
Bordered by the Ocean

## BRITTANY in France



Paris



# Where are we?

A strong traditional culture

## BRITTANY in France

History



Cultural Identity  
*Regional language*



Traditional Food



Traditional Music,  
Danse, Costumes

# Where are we?

A strong INDUSTRIAL NETWORK



## BRITTANY in France

### 6 Competitive Clusters:

Image & Network Information  
Technologies  
*Brest, Rennes & Lannion*



Food Processing  
*Food of Tomorrow*



Automotive Industry  
*Top-of-range, around P.S.A. Citroën*



Sea-based Industry  
*« Mer Bretagne Atlantique »*



Green Economy  
*Sustainable Building, Intelligent Water  
Analysis & Control, Eco-Materials*



RFID Technology



# Where are we?

A wonderful city to explore

## RENNES in Brittany

Rennes:  
*Capital of Brittany*



**700,000 Inhabitants**  
*(Rennes Metropole)*

**2 Universities**

**60,000 Students**

**32,000 Companies**

**320,000 Jobs**

**1h30 train to Paris**



# FRENCH EDUCATIONAL SYSTEM

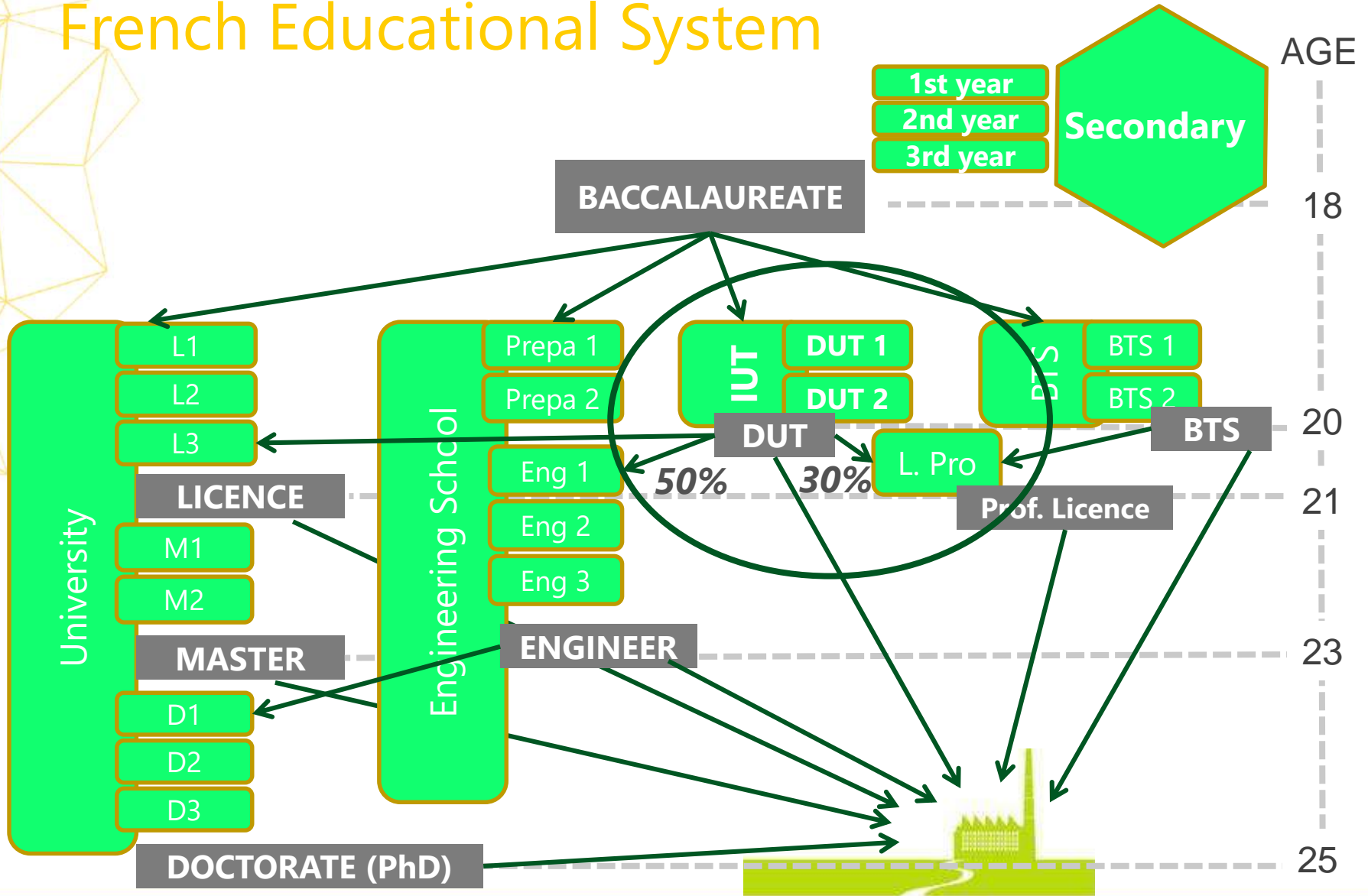
## WHAT IS AN "IUT"?



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# French Educational System



# DUT: a specific short cycle award

**A Technical University Degree = DUT**

**1966 =>** aim = train technicians **for industries**

**Strategy =>** "learning by doing"

**~ 1800 h training / 2 years**

**20% / 40% / 40%**

**10 – 14 weeks Internship**

**24 wide-spectrum specialities**

Academic & **Professional** evaluations

Emphasis on **Professionalization**

**Excellence**

**Research inside IUTs**

163 **research centers** in IUT

> **70 %** lecturers in **active research**

30 % PhD receivers are alumni of IUT

Collaboration with **National Research** Institutions

**International** Partnerships



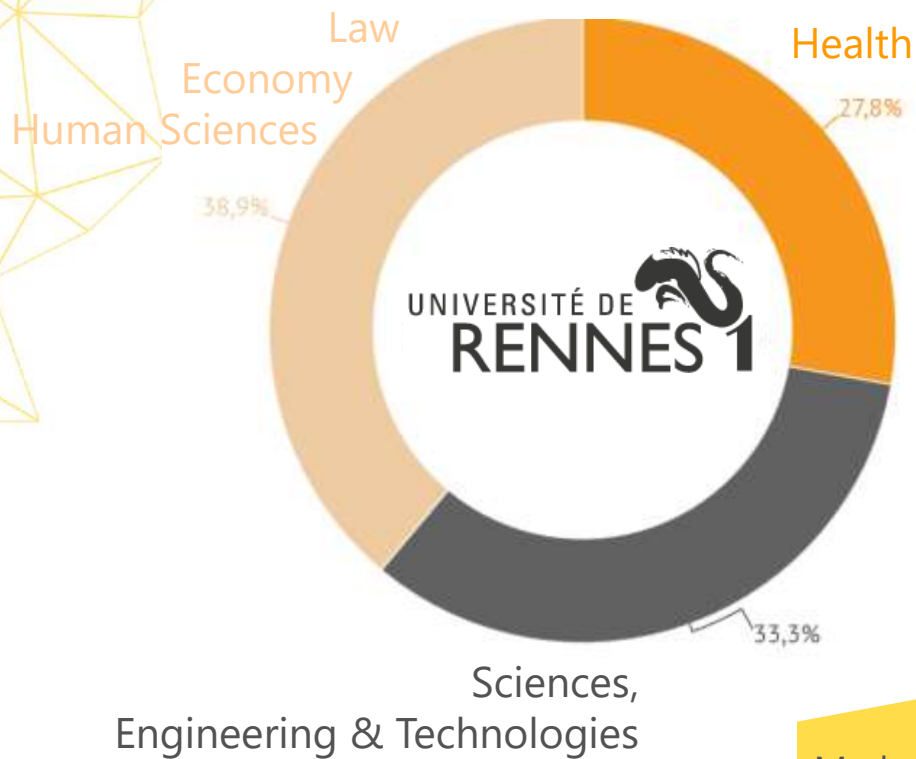
# FOCUS ON IUT OF RENNES



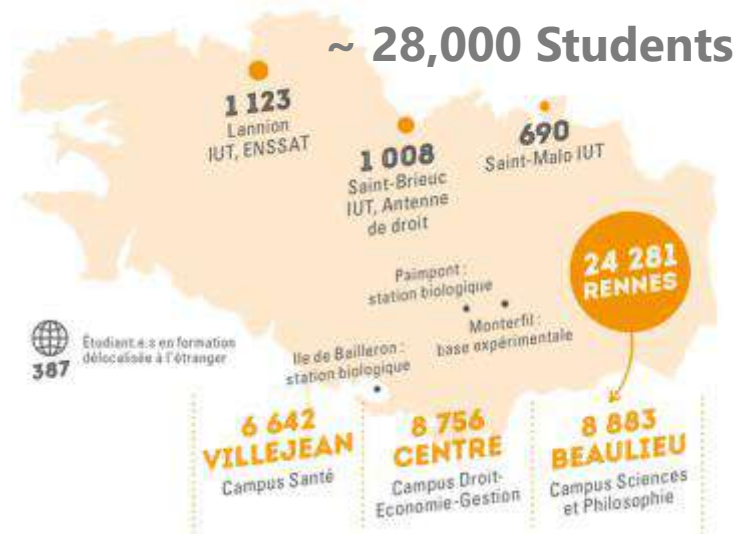
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# IUT of Rennes: a component of "Université de Rennes 1"



**IUT of Rennes**



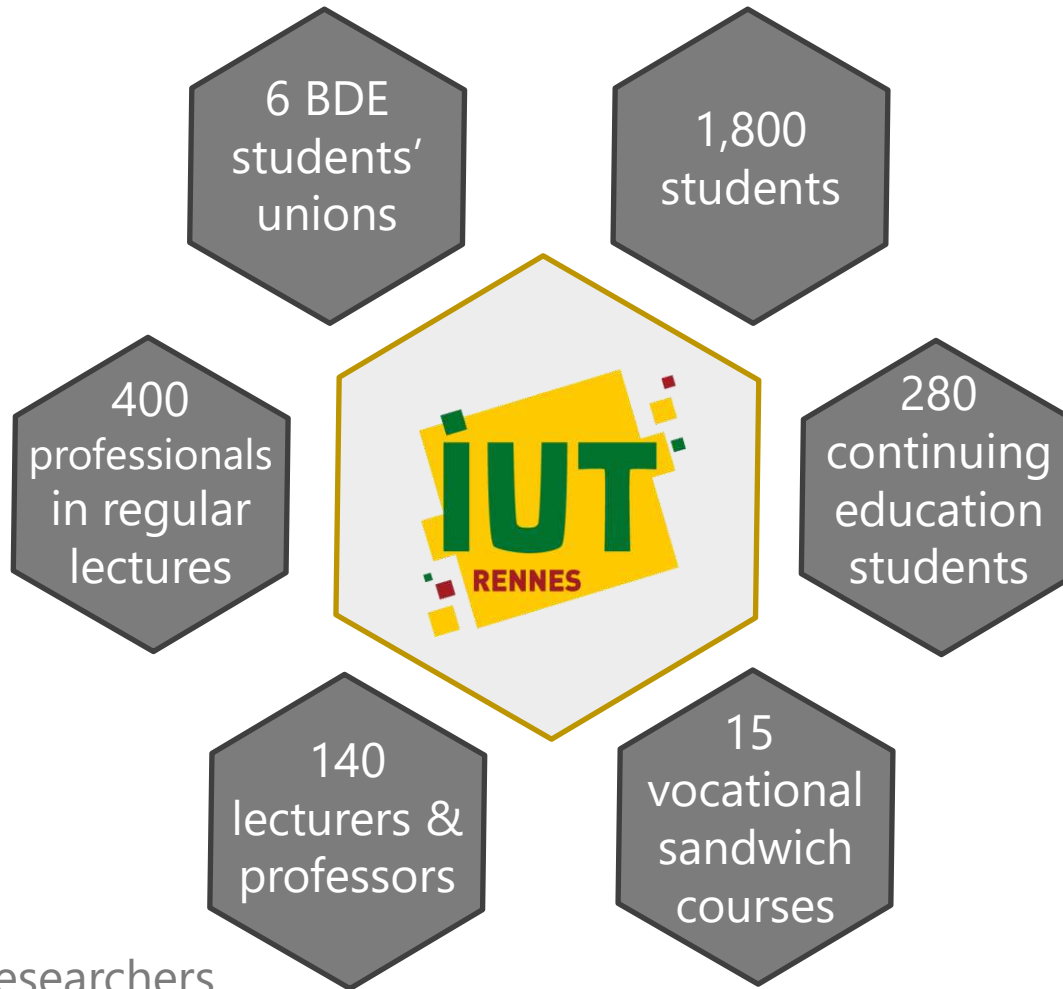
~ 28,000 Students

600 different degrees

4 main research sectors

- Mathematics & STIC
- Materials Sciences
- Life & Health Sciences
- Human and Social Sciences

# Rennes IUT in figures

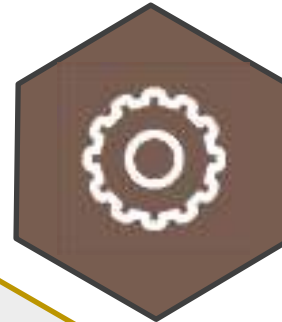


# Rennes IUT: 6 Departments

**Social Careers (CS)**



**Mechanical and Production  
Engineering (GMP)**



**Business &  
Administration  
Management  
(GEA)**



**Electrical  
Engineering &  
Information  
Technology  
(GEII)**



**Chemistry**

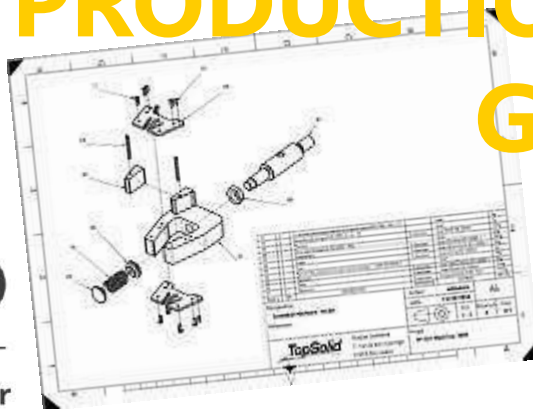


**Civil Engineering –  
Sustainable  
Construction (GCCD)**





# MECHANICAL & PRODUCTION ENGINEERING GMP

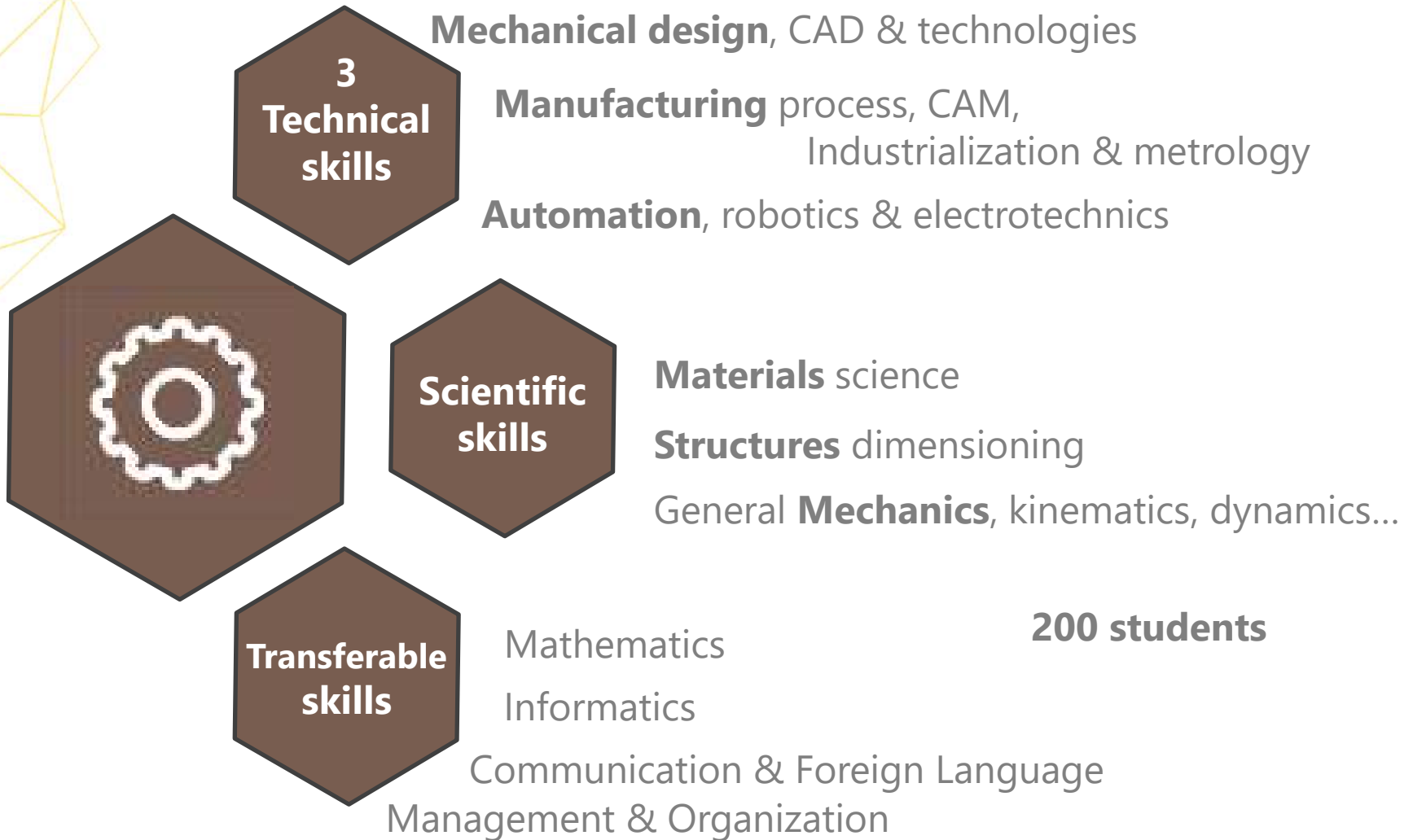


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# Presentation of DUT GMP: cursus



# Presentation of DUT GMP: key points

## Practical training

**50%** Labs, workshops

10-14 weeks ending-cursus **internship**  
in France or abroad

**in industry or in laboratory**

**200h** Project

## International training

Internship abroad for **40/50%** students  
~30/45 students/year

**Top GMP  
score in  
France!**

## Spring-board training

**70%** of students continue in **Engineering Schools  
or University**

**20%** in **professional licence**

2 professional licences in GMP:

- **Eco-conception of Mechanical Systems**
- **Quality, Security & Environment**

# Presentation of DUT GMP: opportunities



## Career

Mechanical Design, R&D

Methods & Industrialization

Maintenance & Supervision

Production Organization & Management

Quality assurance & Control

Purchasing, sales & after-sales

## Business areas

Automotive & Transport

Aerospace & Aeronautics

Food Industry

Plastics Metallurgy

Nautical construction

Medicals

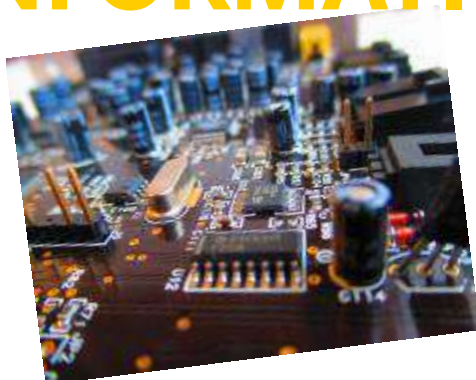
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RENNES 1

**iUT**  
RENNES



# ELECTRICAL ENGINEERING & INFORMATION TECHNOLOGY

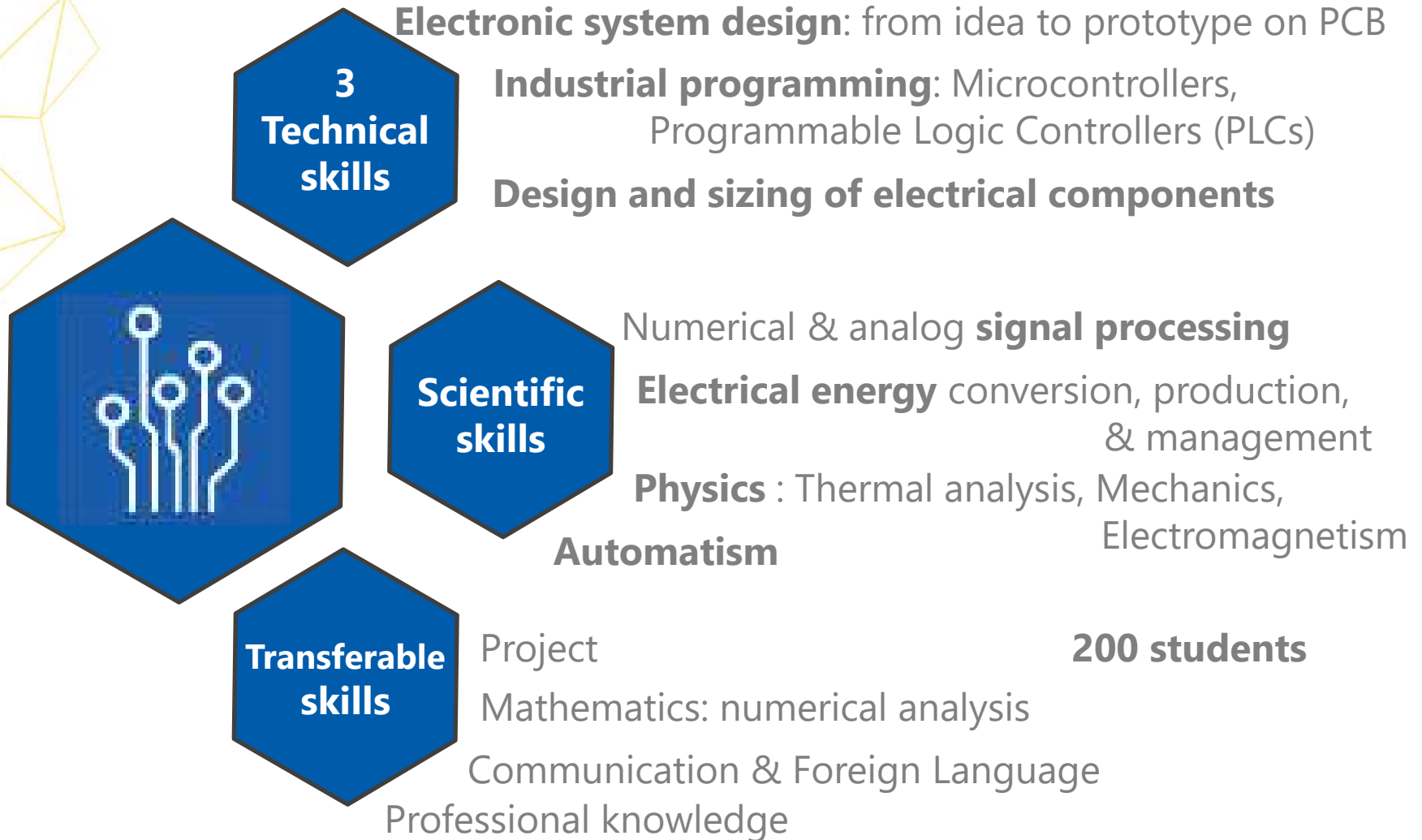
**GEII**



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# Presentation of DUT GELL: cursus



# Presentation of DUT GELL: key points

## Practical training

50% Labs, workshops, projects

10-14 weeks ending-cursus **internship**  
in France or abroad

**in industry or in laboratory**

## International training

Internship abroad for **30/40% students**  
~20/30 students / year

**Top GELL  
score in  
France!**

## Spring-board training

50% of students continue in **Engineering Schools  
or University**

40% in **professional licence**

2 professional licences in GELL:

- **Mechatronics**
- **Technical Consulting in Renewable Electrical Energy**

# Presentation of DUT GELL: opportunities



## Career

R&D, Project Manager

Automatician

Electronician, Electrotechnician

Computer scientist

Network manager, Maintenance manager

Purshasing, sales & after-sales

## Business aeras

Automotive & Transport

Electronic & Electrical Industry

Energy Production and Management

Telecommunications & IT

Food Industry      Aerospace & Defense

Medicals

# OPPORTUNITIES WITH US



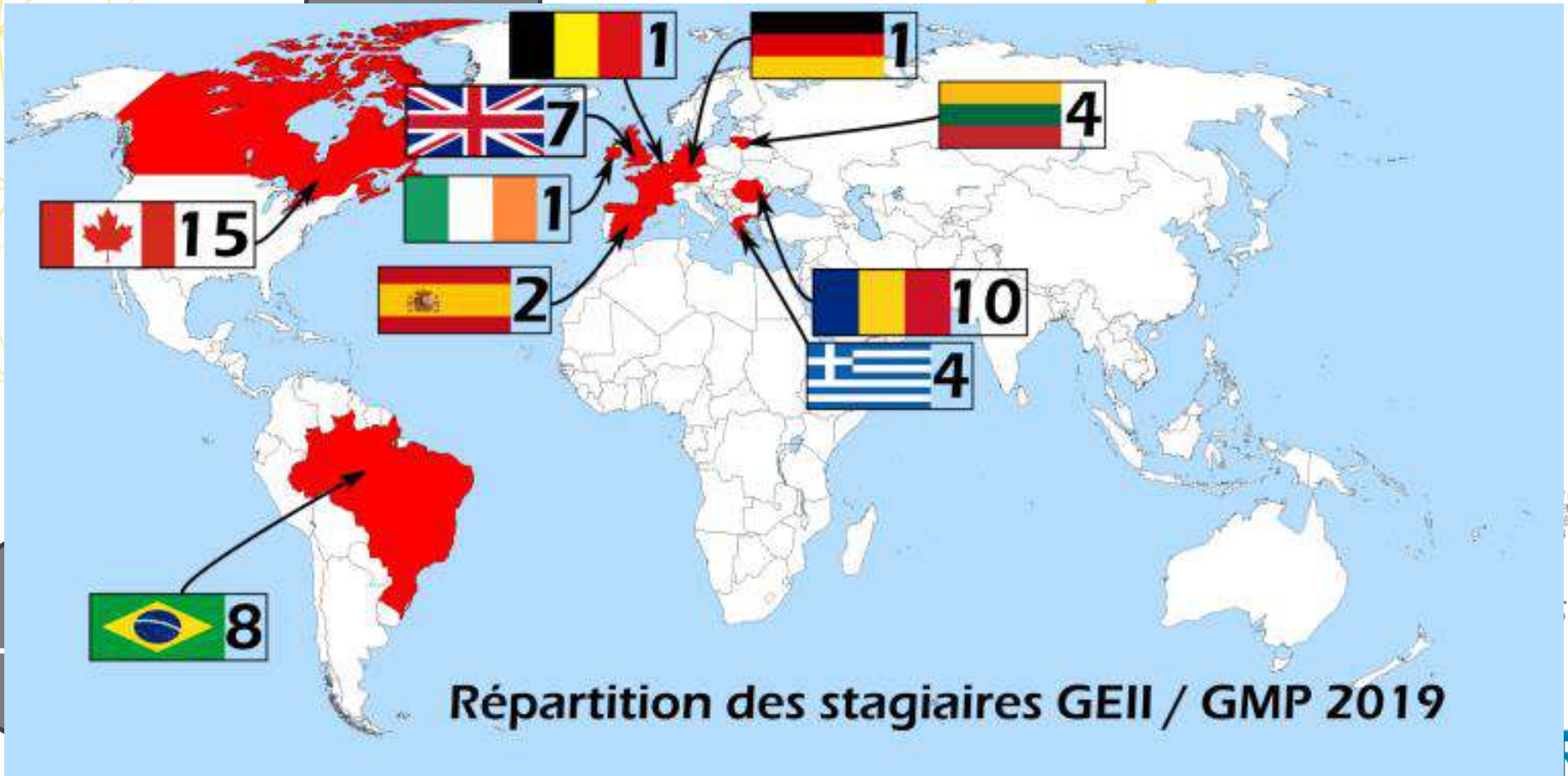
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# Ways to collaborate

Welcoming them for spring in **Internships** !



Répartition des stagiaires GEII / GMP 2019

Process & Glass

# Thanks!

## *Merci !*

Vă mulțumesc pentru atenție.



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