

CAREER PROSPECTS

The Sustainable Architecture Engineering major offers opportunities in:

FIELDS

- Major corporations from the building industry
- Energy efficiency and Architectural consultancy firms
- Architecture and urban design firms
- Energy consultancy and audit firms
- Private or public research organizations in the energy, building, urban design fields
- Regional and local authorities

TARGETED POSITIONS

- Project Manager – BIM Manager (Building Information Modelling)
- Architectural Programming Engineer – Project Manager
- Scheduling, Planning and coordination Engineer – Project Manager
- Technical market researcher – EEB (Energy Efficiency of Buildings) and materials engineer
- Technical market researcher – EQB (Environmental Quality of the Building) and materials engineer
- General foreman
- Project Manager – technical expert/consulting engineer
- Certification/ auditor project supervisor



PROJECTS

4th and 5th year-projects focus on urban design, architectural programming as well as building renovation from an energy and structural point of view through instrumentation and/or digital simulation.

These projects are carried out in collaboration with engineering consultants and companies.

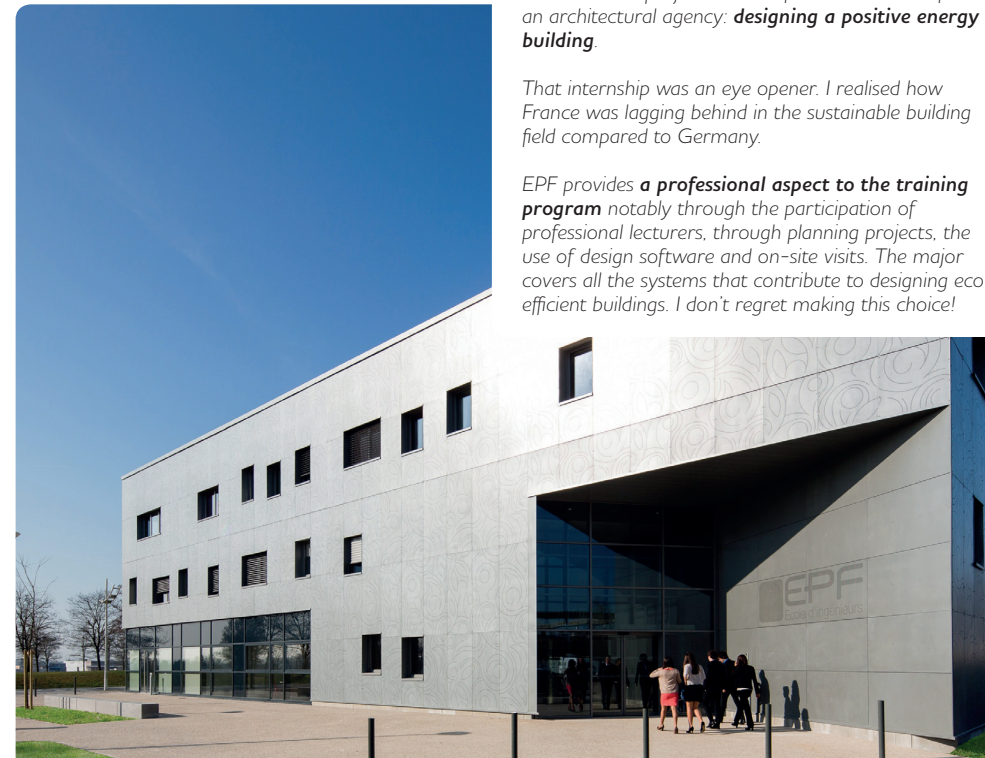
ANY QUESTIONS?

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For further information please check the "Application process for international students" section on our website www.epf.fr/en



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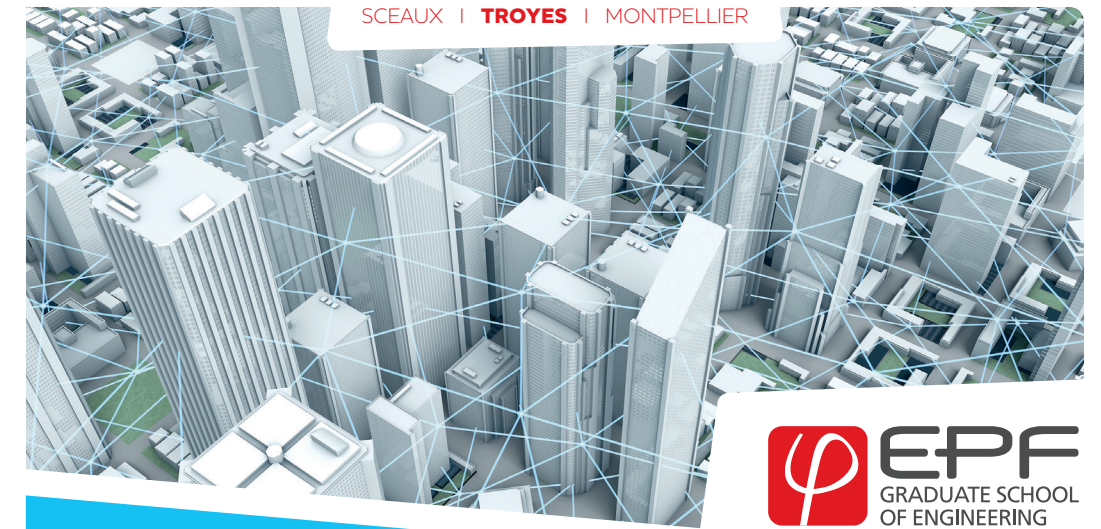
While working on a Year-3-project, I discovered that the building industry was the largest energy consumer. This made me realise that **the future was interesting and promising for engineers in that sector**. This is the reason why I chose the Sustainable Architecture Engineering major and looked for an internship relating to energy optimisation in the building industry.

Germany being one of the most advanced countries in that field, it seemed sensible to look in that direction. I found an internship in Freiburg (the world's ecological capital) in a consulting firm (Stahl und Weiss). I worked on a project that the firm had received from an architectural agency: **designing a positive energy building**.

That internship was an eye opener. I realised how France was lagging behind in the sustainable building field compared to Germany.

EPF provides **a professional aspect to the training program** notably through the participation of professional lecturers, through planning projects, the use of design software and on-site visits. The major covers all the systems that contribute to designing eco-efficient buildings. I don't regret making this choice!

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COMFORT
REHABILITATION & RENOVATION
DIGITAL TRANSITION
NUMERICAL SIMULATIONS
BUILDING INFORMATION MODELING
ENERGETIC TRANSITION
PASSIVE BUILDING
SUSTAINABLE ARCHITECTURE ENGINEERING MAJOR
FUTURE CITIES
SMART CITY, BUILDING & GRID
SUSTAINABLE DEVELOPMENT
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