



## Why study electrical engineering in France?

France is the 8<sup>th</sup> largest electricity producer in the world. French companies such as ENGIE, EDF (Electricité de France), Alstom, Areva, Legrand, Schlumberger, Schneider, etc. are worldwide leaders in the electricity market.

The reliance of industrialized nations on electric power – be it nuclear, hydraulic or thermal – is pervasive, both in the domestic and industrial realms. Challenges include modernizing grids, building electrical and nuclear facilities and designing new electrical materials.

## Careers

Electrical engineers design and implement complex electronic systems that meet the needs of today's society, e.g. electric vehicles. Their skills are sought after by manufacturing companies (development, design of new components or products), construction firms (electrical installations for all kinds of building structures) as well as energy producers (development of transmission and distribution grids).

Electrical engineers must guarantee users' safety by ensuring that their installations meet the relevant quality and safety standards.

## n+i engineering institutes

CentraleSupélec, ENSEA, ENSEEIHT, ENSIL, ENSISA, ESIEE Amiens, ESME-SUDRIA, ESTP, INSA Centre Val de Loire, INSA Strasbourg, ISEP, Polytech Nantes, Polytech Paris-Sud, etc.

## Keywords

*Control – electrical engineering – electronics – embedded systems – energy – IT.information tech/eng – etc.*

## Companies

- [www.engie.com/groupe/notre-presence-internationale/;](http://www.engie.com/groupe/notre-presence-internationale/)
- [www.edf.com](http://www.edf.com)
- [www.areva.com](http://www.areva.com)
- [www.alstom.com/fr](http://www.alstom.com/fr)
- [www.legrand.fr](http://www.legrand.fr)
- [www.slb.com](http://www.slb.com)
- [www.schneider-electric.com](http://www.schneider-electric.com)
- [www.rte-france.com](http://www.rte-france.com)
- [www.enedis.fr](http://www.enedis.fr)

## Photos and videos

- [www.youtube.com/watch?v=mwXlFXWYToI](http://www.youtube.com/watch?v=mwXlFXWYToI)
- [www.jobteaser.com/fr/entreprises/sncf/metiers/251-ingenieur-maintenance-et-travaux-genie-electrique](http://www.jobteaser.com/fr/entreprises/sncf/metiers/251-ingenieur-maintenance-et-travaux-genie-electrique)

