ENTREPRENEURSHIP IN RENEWABLE ENERGY
One of the current challenges in the current context of the global energy market is the growth and integration of renewable energy sources into the mix of energy solutions.

The renewable energy sector is thus experiencing unprecedented growth, creating a substantial need for new skills in the workforce.

This certificate program from Ecole polytechnique and KIC InnoEnergy, with the collaboration of HEC Paris, focuses on developing a double skill set in its participants, engineering an entrepreneurship.

You are

- A researcher interested in creating a start-up in the renewable energy sector
- An engineer who would like to reorient his/her career to renewable energy
- An employee of a public institution that manages new projects in this domain

Program Goals

- Understand the global and regional macro-economic balance in energy markets so you will be able to strategize in a public or corporate role
- Develop a comprehensive understanding of the different renewable energy technologies to help you with future decision-making
- Adopt best practices regarding innovation and entrepreneurship and know how to apply them to the development of a new project in this cutting-edge field
- Master the contractual aspects and risk analysis concerning the development of a project in this domain and more generally, the challenges of infrastructure project management

High-Impact Pedagogical Approach

- Interactive and asynchronous curriculum (SPOCs – Small Private Online Courses) that incorporates hands-on activities in a cutting-edge research environment, the Paris Saclay campus
- A mix of in-person and distance learning courses, as well as group collaboration on a case study in project management

Program

10 days of in-person lessons, 5 weeks of distance learning courses (SPOCs) and 8 weeks of group project work

Technological Approach

- Renewable energy and its related technologies
- The challenges of distribution and of the electricity network
- State-of-the-art technology

Rules and Best Practices of Entrepreneurship

- The global and regional energy balance in which renewable energies play a role
- Value chains in the energy industry
- Contractual aspects and market regulation
- Innovation management

Academic Directors

Bernard Drévillon
Professor in the Physics Department of École polytechnique

Jean-Michel Gauthier
Professor at HEC Paris and Chief Economist Officer Energy & Resources Deloitte
NEXT SESSION
Beginning in March 2017
Classes are held on
Fridays and Saturdays

DURATION
- 8 days of in-person instruction
  (on the École polytechnique campus)
- 5 weeks of distance learning
  (SPOCs – Small Private Online Courses)
- 8 weeks of work on a group project.

LOCATION
École polytechnique (Palaiseau)
and Paris

LANGUAGE
The program takes place in English

FOR MORE INFORMATION
http://exed.polytechnique.edu/
entrepreneuriat-dans-les-energies-renouvelables

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