



Presse release  
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## New Energy Technologies Mooc

*A new version for understanding  
issues of renewable energy*

***Following the success of the first edition, Grenoble Ecole de Management and several players in the decarbonised energy sector introduce the second "New Energy Technologies" MOOC. 34 experts contribute, allowing participants to (re)learn renewable energy field fundamentals and to study new themes relating to the digital revolution and energy eco-efficiency. The launch date is May 29, 2017.***

This MOOC was developed by **Grenoble Ecole de Management** in partnership with **the Tenerrdis energy transition cluster**, **Yélé Consulting**, **Grenoble INP - Ense<sup>3</sup>**, the non-profit group **Think Smartgrids**, **Air Liquide**, **CNR**, **GE Renewable Energy** and **Schneider Electric**.

Its objectives are:

- to analyse and evaluate the impact of new technologies in the energy sector,
- to better understand key issues in the renewable energy sector: development prospects, key market players, trends and innovation.

### Two new themes:

Two new questions will be addressed by **Nicolas Leterrier and Vincent Petit, expert managers at Schneider Electric**:

- How can production as close as possible to consumption (the "Prosumer" concept) be a key contributor to energy transition?
- Why is the digital revolution a source of major innovation in the energy efficiency market?

### 34 energy sector experts

Each week, instructors and energy sector experts will speak on themes of: energy efficiency, solar energy, hydroelectricity, biofuels, hydrogen energy and smart grids.

This MOOC is intended for energy sector professionals and students alike, as well as for members of the general public interested in gaining deeper knowledge on this subject.

Free and taught in English (with subtitles available in English and French) on the international platform Futurelearn, this second edition will debut on May 29, 2017 and will span 6 weeks.

Certificates available (for a fee).

### Enrolment and syllabus available at:

<https://www.futurelearn.com/courses/new-energy-technologies>

### A few stats on the first edition:

**5,000 participants** including **1,027 certified participants**,  
59% working professionals,

A majority of French students but significant representation from all continents: 65% Europe, 10% Asia, 9% Africa, 9% South America, 6% North America,

Very high satisfaction rate among participants: 87% evaluated this MOOC as "good" or "excellent"

### About Grenoble Ecole de Management

Created by the Grenoble Chamber of Commerce in 1984, Grenoble Ecole de Management is among the top business schools in France (6<sup>th</sup> out of 30) and in Europe (27<sup>th</sup> out of 100). Each year, the school trains 6,000 students and professionals in its 50 French and international programs, ranging from three-year diplomas to doctorates. Accredited by EQUIS, AACSB and AMBA, a member of the French *Conférence des Grandes Écoles* and regularly ranked in the French and international press, Grenoble Ecole de Management is among the world's only business schools to hold this triple accreditation, a testament to the quality of its work. Based in Grenoble, an innovative city, Grenoble Ecole de Management has developed strong expertise in the Management of Technology and Innovation. Thanks to this specificity, which is unique in France, the school is now a founding member of the GIANT innovation campus (Grenoble Innovation for Advanced New Technologies), which represents an investment of €1.3 billion over 5 years.

 <p><b>tenerrdis</b> ENERGY CLUSTER</p>	<p><b>Tenerrdis</b></p> <p>Tenerrdis is the cluster for the energy transition, driver for innovation in the Auvergne-Rhône-Alpes region.</p> <p>Tenerrdis aims to promote sustainable business growth and job creation across the new-energy-technology industries by developing new technologies to drive the energy transition through R&amp;D projects involving industrial, institutional, academic, and scientific partners.</p> <p><a href="http://www.tenerrdis.fr">www.tenerrdis.fr</a> / Twitter @TENERRDIS</p> <p>For more information contact : Nathalie MARANINCHI <a href="mailto:nathalie.maraninchi@tenerrdis.fr">nathalie.maraninchi@tenerrdis.fr</a></p>
 <p>Grenoble INP ENSE<sup>3</sup></p>	<p><b>Grenoble INP - Ense<sup>3</sup></b></p> <p>Ense3 is one of the 6 departments of Grenoble Institute of Technology, dedicated to take up the challenges associated with the new energy order, with the increasing demand of water, both in quantity and quality, and with the sustainable development. Ense3 also looks at new methods of energy production, energy transportation and storage systems (including Smartgrids), and inspire the future of building and transport.</p> <p>Ense<sup>3</sup> contributes to the internationalization of its courses with 2 Master's programmes taught in English :« Hydraulic Engineering » et « Electrical Engineering: Smart Grids and Buildings »;</p> <p><a href="http://ense3.grenoble-inp.fr">http://ense3.grenoble-inp.fr</a></p> <p>For more information contact : Maxime TRAN-TO <a href="mailto:maxime.tran-to@ense3.grenoble-inp.fr">maxime.tran-to@ense3.grenoble-inp.fr</a></p>
 <p><b>Air Liquide</b></p>	<p><b>Air Liquide</b></p> <p>The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 67,000 employees and serves more than 3 million customers and patients.</p> <p>Aware of the energy and environmental challenges, and thanks to its strong expertise in the field of gases, Air Liquide develops innovative solutions to offer an efficient response to the major challenges facing the society. Hydrogen and biogas are complementary energies which allow notably reducing significantly the carbon footprint of vehicles. Air Liquide is present across the entire value chain of these two promising areas and contributes to their development in France and internationally.</p> <p><a href="http://www.energies.airliquide.com/">www.energies.airliquide.com/</a></p> <p>Twitter @airliquidegroup</p> <p>For more information contact : Alexandra LEBRETHON, <a href="mailto:alexandra.lebrethon@airliquide.com">alexandra.lebrethon@airliquide.com</a></p>



#### General Electric

GE Renewable Energy is a 10 billion dollar start-up that brings together one of the broadest product and service portfolios of the renewable energy industry. Combining onshore and offshore wind, hydro and innovative technologies such as concentrated solar power, GE Renewable Energy has installed more than 400+ gigawatts capacity globally to make the world work better and cleaner. With 12,000 employees present in more than 55 countries, GE Renewable Energy is backed by the resources of the world's first digital industrial company. Our goal is to demonstrate to the rest of the world that nobody should ever have to choose between affordable, reliable, and sustainable energy.

Follow us **@GERenewables** and [www.gerenewableenergy.com](http://www.gerenewableenergy.com)

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#### Think Smart Grids

The association is presided over by Philippe Monloubou, Chairman of the Board for Enedis. Its Vice-Presidents are Olivier Grabette, member of the Management Board of RTE and Serge Subiron, CEO of the company Ijenko. It is composed of members from the business world, universities, competitive clusters and stakeholders in the electricity industry and some small companies\* (complete list of partners at the end of this release.)

In its aim to create a Team France of smart grids stakeholders the professional association Think Smartgrids, ensures the development of the French Sector among the world's greatest economies and in a global market estimated to be worth 30 billion Euros. Through its actions and the support it provides, the association hopes to create 10 000 direct jobs in France by 2020, and a revenue of 6 billion Euros (with 50% from export.)

In particular, the association is in charge of:

- Federating and developing the smart grids Sector in France;
- Promoting the sector in Europe and across the world;
- Representing its members and their accomplishments among the industry's key stakeholders.

[www.thinksmartgrids.fr](http://www.thinksmartgrids.fr)

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#### CNR

CNR, A corporate laboratory for tomorrow's energies

France's leading producer of 100% renewable energy (water, wind, sun), the Compagnie Nationale du Rhône (CNR) has forged a unique distributive model around the Rhône concession that combines green electricity production with territorial development. Since 1934, it has operated and developed the river in the framework of three missions entrusted to it by the State : electricity production, developing river navigation, supplying irrigation and assistance for agriculture. An industrial model in the general interest, CNR plays a major role in developing the territories crossed by the river. Its philosophy : close cooperation with the stakeholders and the spirit of joint construction for the benefit of all. A key player in energy transition and combating

	<p>climate change, CNR innovates daily as a corporate laboratory for tomorrow's energies in the service of territories.</p> <p><a href="http://www.cnr.tm.fr">www.cnr.tm.fr</a></p> <p>For more information contact : Béatrice AILLOUD  <a href="mailto:b.ailloudkarmin@cnr.tm.fr">b.ailloudkarmin@cnr.tm.fr</a></p>
	<p><b>Schneider Electric</b></p> <p>Schneider Electric is the global specialist in energy management and automation. With revenues of ~€25 billion in FY2016, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives.</p> <p>At Schneider Electric, we call this Life Is On.</p> <p><a href="http://www.schneider-electric.com">www.schneider-electric.com</a></p> <p>For more information contact : Caroline DIDEL  <a href="mailto:caroline.pinel@schneider-electric.com">caroline.pinel@schneider-electric.com</a></p>
	<p><b>Yélé Consulting</b></p> <p>Yélé Consulting is a leading French consulting company founded in 2010, dedicated to the Energy &amp; Utilities sector (E&amp;U), at the convergence of energy transition and digital transformation. Yélé advises its customers on business transformation in the Energy &amp; Utilities sector, from strategic to operational level and projects implementation. With the best academic backgrounds and extensive experience in energy, the 43 consultants of Yélé Consulting are advising their clients in several sectors of the E&amp;U ecosystems: renewable energies integration, energy efficiency, Smart Grids and Smart Cities, energy market analysis. Its consultants are involved in all phases of a project, such as strategy, definition of business requirements, implementation and feedback analysis.</p> <p>In addition, Yélé Consulting provides pro-bono assistance to major NGOs working in the energy and sustainable development sectors.</p> <p><a href="http://www.yele.fr">www.yele.fr</a> - Twitter : @Yele_Consulting</p> <p>For more information contact : Diana MARANDI,  <a href="mailto:diana.marandi@yele.fr">diana.marandi@yele.fr</a></p>