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News

Training and Careers

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Responsible oil and gas

MOOC on energy transition:
IFP School launches a 3rd edition with new contents on hydrogen
Registration now open! !

After the success of the first two sessions, IFP School is launching its third edition of the MOOC on energy transition: "Energy Transition: Innovation Towards a Low-Carbon Future", with the support of Total Foundation and in association with Fondation Tuck. This much-anticipated, free, certified training course will start on March 8 and last 5 weeks. New for the 2021 MOOC edition: deciphering and specific content on the theme of hydrogen.

Developed by IFP School, this MOOC aims to make students and young professionals aware of the challenges of energy transition and innovations in the sector for a decarbonized energy mix.

In addition to presenting the challenges (energy demand, constraints in terms of resources or related to global warming), the MOOC offers a scenario for a sustainable energy mix in line with the Paris Agreements, based on electrification from renewable energies and the growth of gas. It outlines practical innovative solutions, particularly in the areas of CO2 capture and storage, energy storage and the development of bio-sourced products, in order to make the chosen options compatible with carbon neutrality objectives. This year, the training is being enhanced with new content on hydrogen (origins, challenges and synergies), an area where much remains to be done or discovered!

On the program for the 2021 MOOC edition:

Week 0: the challenges of the energy transition for a 2°C scenario

Week 1: electrification for a sustainable energy mix - the development of renewable energies and their limitations

Week 2: subsoil resources for a sustainable energy mix - geothermal energy, the growth of gas (natural, biogas, natural hydrogen) and decarbonation

Week 3: CO_2 capture and storage (CCS), energy storage and hydrogen production

Week 4: energy efficiency, bio-sourced products, biofuels and e-fuels

With nearly 37,000 registrants from 130 countries during the first two editions, the training has been an international success. In order to offer its participants the best digital learning experience, the MOOC is available in English, French and Spanish.

You will find a video about the MOOC "Energy Transition: Innovating Towards a Low-Carbon Future" **HERE**

Free registration HERE

About FP School
An integral part of IFP Energies nouvelles, IFP School prepares tomorrow's specialists to take up the challenges associated with the energy transition. A specialized engineering school open to graduate students, IFP School provides a full range of training programs delivered in French or English in four fields: Powertrains and sustainable mobility, Energy economics and management, Processes for energy and chemistry, and Georesources and energy. The school has built up a very solid international reputation, backed up by close partnerships with research and industrial players (each year, 50% of its student intake is international, coming from around fifty different countries, and 80% of its students are sponsored by industry). Website: www.ifp-school.com

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IFP School under the sign of hydrogen
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Link to the web page :