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2 minutes of reading



News

Training and Careers

Starting January 10, 2022 with the support of [TotalEnergies Foundation](#) and in association with the [Fondation Tuck](#), IFP School will offer 10 free video clips (5 to 10 minutes long) to discover the challenges of the energy transition and the sector's innovations for a low-carbon energy mix.

This new offer is based on the 3rd edition of the MOOC on "Energy Transition: innovation for a low-carbon future", which was followed by nearly 12,000 learners in 2021.

The videos will be available in English with French and Spanish subtitles. They will be **freely available from January 10 to February 28, 2022** and will cover the following topics:

- sustainable development scenarios (<math><2^{\circ}\text{C}</math>);
- the risks on a growing demand for low carbon technologies minerals;
- renewables techno-economics fundamentals;
- offshore wind challenges: cap on innovation!;
- natural gas: reduction of GHG emissions and decarbonization;
- native hydrogen;
- CO₂ storage: mimicking natural gas underground storage;
- negative CO₂ emissions: introducing BECCS;
- steam trap and Internet of Things (IoT);
- bio-based chemicals.

This series, which represents 2 to 4 hours of learning, will be punctuated by 7 games. If they obtain more than 60% of correct answers overall, participants will earn a badge attesting to their success and understanding of the subject.

As a bonus, a **live discussion** with IFP School lecturers, specialists in issues related to energy transition, will be offered on **February 17** at **5:30 pm** (Paris time).

[> To find out more about this web-series and to register](#)

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