



Written on 03 March 2022



2 minutes of reading



News

Training and Careers

Renewable energies

Hydrogen

*Where are we with hydrogen technologies in the heavy mobility sector?  
How do hydrogen internal combustion engines and fuel cells work?  
What are the challenges facing automakers?*

**Find out, and more, by following IFP School's new online training module "[Hydrogen for mobility](#)", which is running from March 1 to 31, 2022!**

This **free** module is designed for students at Master's level, professionals in the transport sector and people interested in hydrogen technologies in mobility.

Taught in **English** and subtitled in French, the module consists of **17 video clips** and **3 mini-games** as evaluations. As a bonus, you will be able to virtually visit a hydrogen engine bench and a fuel cell bench.

To further study the concepts, a webinar will be offered on **March 24 at 5:30 p.m.** on *Zoom* with IFP School teams and IFPEN researchers.

At the end of the training, you will be able to:

- draw up an overview of the hydrogen sector (the context, production, challenges and opportunities related to its deployment in heavy mobility);

- understand how a hydrogen internal combustion engine works;
- understand the dimensioning of a fuel cell.

Participants with 60% of correct answers will be awarded a badge as proof of their success.

You can [register](#) until March 31, 2022.

You have a question? Contact us at: [mooc@ifpen.fr](mailto:mooc@ifpen.fr)

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