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News

Training and Careers

**At the beginning of 2020, the team of the [Lab e-nov](#), IFP School's digital culture laboratory, developed a virtual reality module on the starting and change-over of an industrial pump for students in the Energy and Processes, and Processes and Polymers programs.**

In a special [article](#), Clément Cahagne, educational engineer in charge of the Lab e-nov Educational Innovations and Immersive Realities hubs, details the genesis of the project and reveals the module's special feature: the multi-user mode.

As its name indicates, this feature allowed the students to be immersed in a three-dimensional environment, accompanied by their instructor. They were able to perform the right sequence of actions and:

- identify the components of a centrifugal pump;
- ensure the pump's start-up;
- change-over two centrifugal pumps in order to make one of them available to the maintenance department.

[Discover](#) the learners' feedback and the training advantages of this immersive module, which allows the acquisition of skills by experimenting (learning by doing), IFP School's leitmotiv!

> [Find out more \(IFP School website\)](#)

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[Zoom on the virtual reality module dedicated to the start-up of an industrial pump](#)

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