**Electrical repair with virtual reality**

**Typology:**

Method to stimulate and motivate the low skilled people around jobs in the industry

**Organisation responsible:**

Promeo Formation <https://www.promeo-formation.fr/>

**Objective:**

* Test knowledge on simple technical concepts, ability to follow instructions, logic.
* Practising technical skills in realistic and safe work settings
* Generate interest in industry jobs

**Target group (age, social background …) on which thiis methos was used:**

Young people from 16 to 25 years old, low skilled people

**Description of the approach:**

This VR simulation allows job seekers to practice technical skills in a virtual work environment, entirely designed for VR glasses. While repairing the electrical systems, the participants are guided by the audio and visual instructions. These last ones are also projected on a screen. The trainer offers advice and encourage the participants with the execution of tasks.

**Experiences of the job seekers and trainers with running this method**

Enthusiastic reactions from participants due in particular to the user-friendliness of the VR application. Everything that appears in the glasses is also projected on a screen in the classroom. This allows young people to "help" each other with the correct execution of the tasks. The activity therefore enabled social interaction which was not foreseen in the original objectives.