



## Demonstrator cell shows training opportunities through digital operator support

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*To capitalise on the knowledge and expertise accumulated during the BHC21 Interreg project and pass it on to companies, Sirris has built a demonstrator cell which shows what digital operator support can do. It will be presented in the near future, but we are already giving you a sneak peek here.*

Today, assembly plants are increasingly providing customised work, and jobs are a lot more complex than before. As a result, many companies are struggling to find qualified staff. At the same time, a lot of low-skilled workers do not find their way to the labour market. These are obstacles that the [Interreg project](#) Boosting Human Capital in the 21st Century (BHC21) sought to address. After more than three years, the project aimed at developing more efficient and effective vocational training for low-skilled workers, was concluded in October 2022. During the closing event, the project partners presented their findings and proposed some innovative learning technologies on how low-skilled workers can be guided towards employment, or during their education and training. Several innovative learning technologies were demonstrated.

### Interactive workstation

To capitalise on the accumulated knowledge and expertise and pass it on to companies, Sirris has built a demonstrator cell. In this cell, operator support capabilities can be shown and tested. The interactive workstation features a variety of innovative technologies and will be an extension of the existing assembly line at our Kortrijk site. The cell serves as a demonstrator to raise awareness among companies and organisations of the new technologies that can prepare low-skilled people for jobs in industry.

The demonstrator consists of two cells: a training cell, designed to train starting operators without disrupting production, and an assembly cell intended for operators with already more experience. Both cells are equipped with state-of-the-art technology to support operators in their jobs. The system displays step-by-step assembly instructions, checking that the operator's actions are correct.

The cells are flexible, allowing them to be quickly adapted for new applications. All the technologies used are user-friendly, given that they are intended for low-skilled workers.

## From demo to practice

Visitors will first get a demonstration of the work cells and can then work on their own. In the cell, they can assemble a product while being guided by instructions during the process.

This setup will be presented during our **Open-Lab Day** on operator support on **8 March 2023**. During the event, attendees will be able to learn about the capabilities of the demonstrator cell through an example: the assembly of a 'dolly' (a transport cart which is used a lot in factories). Do you want to know more about this event? [Check out our agenda and register!](#)

## Authors



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