

Smart Maintenance Skillslab

Reducing the gap between education and industry.



Project number I40-20-01

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Budget 800 k€

Duration 1-4-2019- 1-4-2021

Incentive

Reduce the skills-gap between education and labourmarket.

Objective

The development of a Smart Maintenance Skillslab in which companies and educational institutions work together on the development and application of new forms of education in the maintenance sector as a solution for the increasing shortage in the labor market (quantitative and qualitative), now and in the future.

Approach



WP1: Through various pilots in field labs, living labs and business environments, existing and new employees gain knowledge and skills through the application of new technologies in the Maintenance sector. The pilots are not about developing these new technologies, but about applying them in relation to the human capital issue.



WP2: Curricula development

The educational institutions in the project are developing new future-proof curricula, partly based on the knowledge gained from the pilots. The educational institutions are therefore actively involved in the implementation of the pilots.



WP3: Training of schools by companies

As part of the pilots in WP1, teachers are involved in practice, with which they are trained from practice with new knowledge and skills that they can then transfer to the students.



WP4: Project management and knowledge dissemination

Various workshops and events are organized to also share the results with partners outside the consortium.

Results

- Improved cooperation for smart maintenance between education and industry.
- Smart maintenance courseware geüpdate curricula.
- Improved skillsets of new employees
- Attraction of new employees.

Next steps

In 2020 the pilots will start, including of coupling of sensors to the cloud for remote monitoring and several pilots into using AR/VR by students and professionals.



The CAMPIONE test installation in Gilze-Rijen is a demo site of the latest state of affairs in the field of education and technology.



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