

USINE NUMÉRIQUE ILE-DE-FRANCE

Description of the initiative

Description

The «Usine numérique Ile-de-France» program was launched in September 2017 by the Ile-de-France Chamber of Commerce and Industry, with an ERDF funding.

It concerns industrial companies, particularly of the mechanical, aeronautical and automotive sectors with fewer than 250 employees. It aims at supporting them in their digital transition all along the production chain, from design to production, by strengthening existing tools and skills and by re-internalizing product design.

Two solutions are offered to beneficiary companies:

- A 6 month experimentation of a software license adapted to the needs of the company according to its project in situ: a CAD / CAM / simulation software is being tested, employees are trained to use it. After this period, the company is able to estimate the real contribution of the software and the implications in terms of skills.

- Realization of a demonstrator (Proof Of Concept - PoC) of mature technologies from existing manufacturing processes and / or innovative technologies not controlled by the company such as Additive Manufacturing - Robotics - Metrology - Virtual / Augmented Reality - 3D Scanning.

This allows the company to be sure of its choice before investing in a sustainable way.

Status

Ongoing

Date

5th Jun, 2018 / 30th Jun, 2021

Industrial FIT4FoF areas

- Additive manufacturing
- Cybersecurity
- Data analytic
- Human machine interaction
- Mechatronics/machine automation
- Robotics

Main focus of initiatives

- Training / Education
- helping small and medium firms to test new software

Extent of the initiative

Regional

Funded by

Regional government funding

Target group

- Employees (Operators)
- Employees (Supervisor/Manager)

Sector(s) targeted by the initiative

- Aeronautics or aerospace
- Automotive
- Technological

Main outconsumes

CCI Val d'Oise

Company description

Paris Ile-de-France Chamber of commerce and industry represents about 840 000 firms, being actively hired beside the actors who make regional economy –business managers, decision-makers, pupils, apprentices, students or adults continuing education. On the whole territory which includes Paris, the Seine-et-Marne, Versailles-Yvelines, the Essonne, Hauts-de-Seines, Seine-Saint-Denis, the Val-de-Marne and the Valley of Oise, Paris Ile-de-France Chamber of commerce and industry has as missions to represent firms to favour their growth, to form the men and the women in challenges of tomorrow, to support firms growth and to promote the region to increase its influence.

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Type of entity

Government or public institution

9 companies are currently experimenting The «Usine numérique Ile-de-France» programme.

Best practice

Experimenting virtual reality glasses that help the operators on the assembly lines to detect manual errors is a concrete example of what companies may benefit from the «Usine numérique Ile-de-France» programme.
