

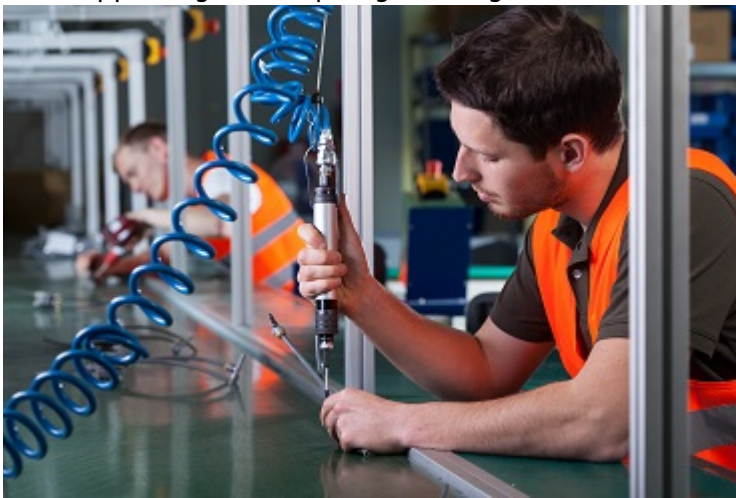


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Industrial production accounts for 16 % of Europe's economy. But while Europe was once recognised worldwide as an industrial power house, its leadership is being eroded. EU-funded researchers are seeking to reverse the trend with innovative technologies that increase productivity and create a more appealing and inspiring working environment.



[1]

Key to the [SatisFactory](#) [2] project is the aggregation of various smart devices and sensors to collect data such as production output, workplace occupancy, temperature and vibration. This information will be used to create an intra-factory overview of facilities and procedures, to monitor production processes and diagnose problems and flaws.

The team will create a collaboration platform for workers to share knowledge and practices, while wearable computing, motivational (gamification) techniques and augmented reality will all be used to attract more young people to a career in manufacturing.

By combining detection algorithms with location data, gesture recognition and event identification, the SatisFactory team also aims to improve workers' wellbeing and safety.

The project is expected to create 12 products, all of which will be deployed and tested in two industrial sites manufacturing batteries and industrial automation systems (mainly for the automotive sector).

**See also:**

[CORDIS](#) [3]

**Project:**

A collaborative and augmented-enabled ecosystem for increasing SATISfaction and working experience in smart FACTORY environments

**Project Acronym:**

SatisFactory

**Project website:**

<http://www.satisfactory-project.eu> [2]

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**Source URL:** <https://ec.europa.eu/programmes/horizon2020/en/news/factories-future-productive-and-attractive>

**Links**

[1]

[https://ec.europa.eu/programmes/horizon2020/en/system/files/newsroom/fotolia\\_68555426\\_subscription\\_s\\_10443.jpg](https://ec.europa.eu/programmes/horizon2020/en/system/files/newsroom/fotolia_68555426_subscription_s_10443.jpg)

[2] <http://www.satisfactory-project.eu>

[3] [http://cordis.europa.eu/project/rcn/193393\\_en.html](http://cordis.europa.eu/project/rcn/193393_en.html)