Developing The Factories Of The Future

By developing solutions to make the factory environment more flexible and adaptable, the Factory2Fit project will bring increased worker motivation, satisfaction and productivity. It will help current and future workers to become knowledge workers in smart factories with fulfilling careers.

www.factory2fit.eu

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The Factory2Fit Idea

Workers are experts in their own work – therefore they should have an active role in designing their work. The solutions that Factory2Fit will deliver are based on a dynamic user model that takes the worker's capabilities into account. The worker will get feedback on his/her own competence development, which supports their continuous learning and skills development.

The Factory2Fit Project

Smart factories mean more automation and more customisation. Flexible and adaptive environments are crucial - both for productivity and for work satisfaction. The Factory2Fit project will develop adaption solutions to engage and motivate manufacturing workers with different skills, capabilities and preferences.

The Factory2Fit Pilots

Virtual factory models will be used as engaging platforms for the participative design of work practices, knowledge sharing and training. Augmented Reality (AR) based tools will provide guidance and sharing of knowledge. Adaption solutions will be developed within three industrial pilots in real manufacturing environments by Continental, Prima Power and UTC. These solutions may then be modified and adopted by the wider industry.

The Factory2Fit Benefits

Factory2Fit will support the smooth cooperation between people and machines. This will, in turn, improve the competitiveness of the European manufacturing industry. The Factory2Fit solutions will have benefits for workers and employers, such as:

- Increased work satisfaction
- Less stress & more flexibility
- Fewer occupational health issues
- Improved efficiency & increased productivity
- Better quality products