SO-PC-Pro

Subject-Orientation for People-Centred Production

Background

European production companies face a variety of challenges arising from the increasingly complex and dynamic environment in which they operate. While worker satisfaction, motivation and empowerment have been recognized as critical for healthy production organizations, these human factors are often viewed at odds with the economic goals of a company.

The goal of SO-PC-Pro is to develop methods and tools for the holistic design and management of future workplaces in production companies, thereby aligning business goals and human needs. SO-PC-Pro will apply the Subject-oriented Process Management (S-BPM) methodology for the first time to modelling processes and interactions in the production domain, resulting in a new set of ICT-based technologies that will support people-centred workplaces.
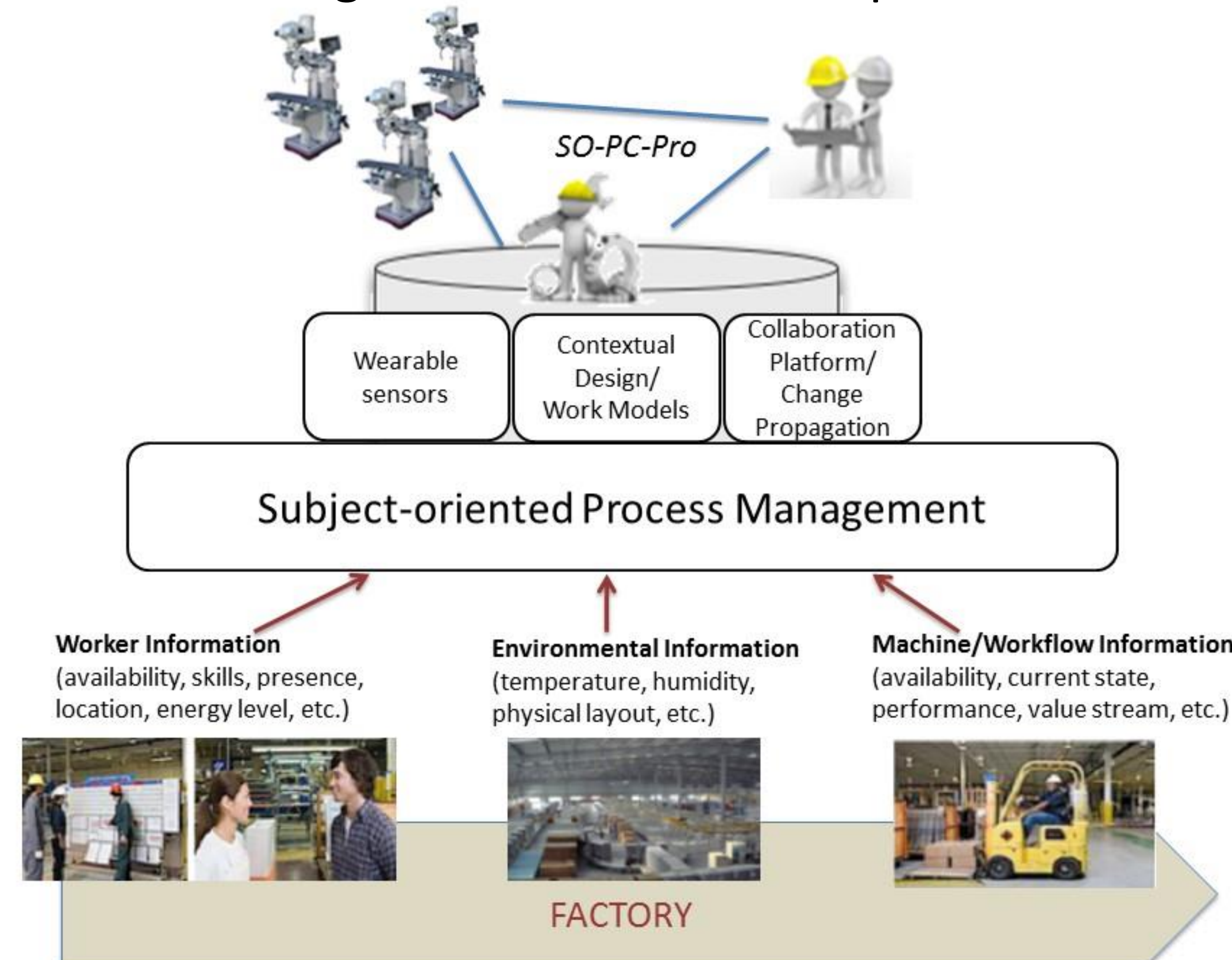
Objectives

SO-PC-Pro addresses the development of methods and tools for holistic design and management of workplaces in production companies. This initiative will support people-centred workplace through:

1. developing new human-machine interactions that allow for higher degrees of autonomy of workers,
2. empowering workers to re-design their own workplaces using intuitive design methods and collaborative tools, and
3. integrating in a seamless way production and business processes to enable more adaptable workplaces throughout the whole enterprise.

Consortium

11 partners from Austria, Germany, Italy, Mexico, the United Kingdom, Slovakia and Swiss:

METASONIC — Expertise and Tools in Subject-oriented Process Management

TC CONTACT — Production company

centire — IT & Process Management Consultant

MAS — Sensor development

COMMUNICATIONS ENGINEERING — Process- & Knowledge Management

ByElement Solutions — Process elicitation and Evaluation

FONDAZIONE BRUNO KESSLER — Expertise and Tools for Computer-supported collaborative work

FIMAP — Production company

Cesaro&Associati — Organisational development consultancy

GRUPO BIMBO — Production company

AXXIS Consulting — IT & Process Management Consultant

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