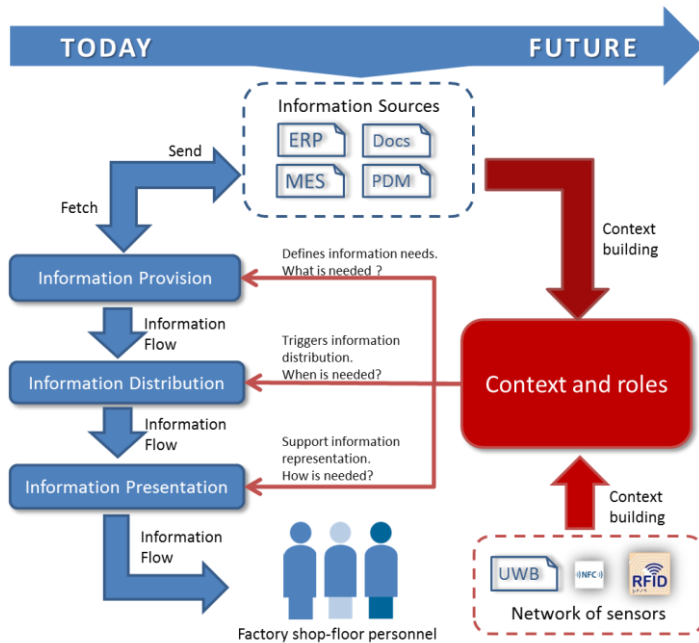




Vision

Sense&React will combine a factory wide **network of sensors** with **personal mobile devices** of the users, **intelligent manufacturing information management in real-time** and **smart user interfaces** in order to provide **context aware information and decision support** to users in the factory shop-floor.



Contact



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Sense&React – The context-aware and user-centric information distribution system for manufacturing



Technology for the Industry 4.0 revolution



Sense&React is an Integrated Project funded by the European Commission under the 7th Framework Programme under grant agreement n° 314350

Pilot cases

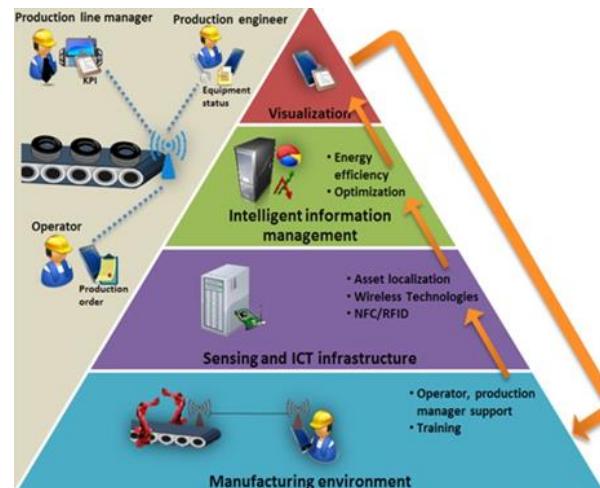
The developments of the Sense&React project will be demonstrated in four industrial demonstrators:

- **Automotive – Foundry:** Support of shop floor personnel operators and engineers to handle maintenance issues.
- **White goods – Assembly line:** Support assembly workstation operators and supervisors by providing customized assembly process information and maintenance support.
- **Shipbuilding – Metal sheet workshop:** Support shipyard operators with information on process steps.
- **Energy efficiency:** Factory-wide energy efficient production.



Objectives

- Development of ICT and sensing technology infrastructure capable of increasing the visibility and situation awareness of plant personnel, in a factory wide scope.
- Intelligent management of manufacturing information in real time.
- Context aware visualization of manufacturing information in shop-floor environment.
- Real-time optimization of process planning and scheduling.



Consortium

