

# Planning for Innovation within Product Service Systems

## Research issue/problem to solve, purpose and goal

*The issue to be studied is the current situation where “traditional” manufacturing industries undergo a transition that means integrating services into the traditional product concept. As the traditional “borders” between services, software and hardware vanishes the questions arise about how to plan, develop, and produce integrated product service concepts. This challenges the way companies work internally regarding collaboration, new roles, competencies etc. The purpose is to thoroughly understand the new way of working and develop/validate techniques to use for planning innovation in Product Service Systems (PSS).*

## Results and expected effects –

*It is expected that the project results in research based evidence for key mechanisms that impact innovation in PSS for manufacturing industries. Further, methods and tools for measuring, modeling, assessing, describing and establishing innovative PSS solutions in traditional companies will be developed.*

## Design and realization –

*The project is implemented as an industrial research student project, using a participatory action research approach.*

- *The first phase seeks to identify the factors that influence innovation in a PSS context, including the current practices and preconditions in industry, and to compare these findings with the latest advances in research. Thus, the aim is to understand and identify both the state of practice and the state of art, and based on that understanding; suggest a direction of research and approaches for development and validation.*
- *The second phase of the project aims at developing and validating selected key impact areas for innovative PSS. During this phase it is expected that the research student completes a licentiate degree.*
- *The third phase aims at refining and/or extending approaches to PSS innovation and evaluates the approach in an industry case study.*

## Project members

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## Project timeline

Start date: 20090901

Expected finish date: 20130901

	2009	2010	2011	2012	2013
Phase 1: Innovation and PSS - Finding the way	■	■	■		
Phase 2: Innovation and PSS - Exploring Innovative PSS approaches		■	■	■	
Phase 3: Innovation and PSS - refining and evaluating PSS Innovation strategies and tools			■	■	■