
Call 1.8 PPP-FI: Use case scenarios and early trials

Project idea

FI-PPP European Information Day
Brussels, 8 July 2010

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About Us

Research Institute for Operations Management (FIR)



RWTHAACHEN
UNIVERSITY

RWTH Aachen

- founded in 1870
- 31.500 students
- 8.000 mechanical engineering students



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RWTHAACHEN

Research Institute for Operations Management (FIR)

- founded in 1953
- 150 employees
- 45 research assistants

Projects

- 40 publicly funded projects each year
- 60 projects with industry customers each year

Departments

- Service Management
- Information Management
- Production Management

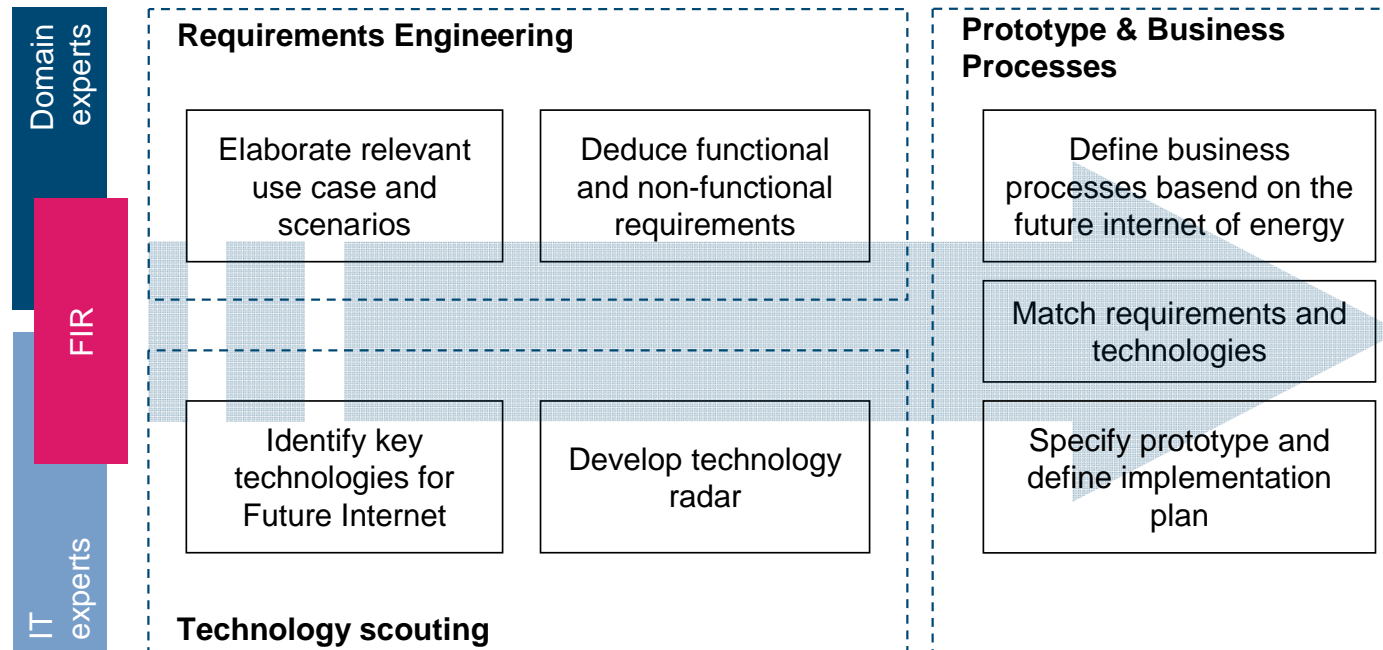


Project idea (1/2)

■ Objectives

- Identify challenges for the Future Internet from a Smart Grid perspective
- Harmonisation and automatisation of business processes and data exchange for the energy industry
- Distributed approach to enable real time inter-organisational business processes

■ Approach



Project idea (1/2)

■ FIR competencies and focus

- Information management, information technology evaluation, requirements engineering, business process engineering
- Domain-related knowledge (energy, telecommunications & health)
- Use cases for Smart Grids, Smart Metering, and E-Mobility
- Large industry and research network

■ Relevant projects

- Smart Watts (BMW): Internet of Energy (www.smartwatts.de)
- Smart Wheels (BMW): Intelligent E-Mobility in Aachen (www.smartwheels.de)
- MyCarEvent (FP6): Mobility and Collaborative Work in European Vehicle Emergency Networks (www.mycarevent.com)

■ Use Cases

- Focus on Energy, other application areas possible (e.g. health, telco)

Contact



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