



Project title:

**Networked Enterprise transFormation  
and resource management in Future  
internet enabled Innovation CloudS**

Acronym: NEFFICS

Project No: 258076



THEME: ICT-2009.1.3  
Internet of Things and Enterprise  
Environments

## Deliverable D8.1

### NEFFICS community and Project Web-site

**Work Package 8**

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## Executive Summary

This document covers work related to the M2 deliverable of work package 8, related to the establishment of a NEFFICS Community for networked innovative enterprises, and the establishment of the project web-site.

A first version of the NEFFICS Community has been launched on the URL <http://neffics.induct.no>. This site is currently only available to the project participants, but will in the future be extended, and opened up for a larger community.

A project web-site has been published at the URL <http://neffics.eu>. This site has a public and a private section. In the public section one will be able to browse project results, and project related material. The private section will mainly be used for granting access to project material with a more restrictive dissemination level, as well as managing access for reviewers.

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# 1 Introduction

The M2 deliverable focuses on the establishment of a NEFFICS community of innovative networked enterprises. The motivation is to ensure that the NEFFICS outcomes will be disseminated and validated by a broad spectrum of stakeholders in multiple industrial sectors.

The mobilization and the workings of this community will be based on the latest community networking and innovation principles and practices.

Throughout the project, we will encourage continuous collaboration, knowledge and ideas exchange within the NEFFICS communities. Our aim is also to use this as a channel for gathering requirements, knowledge and resources for value creation in networked enterprises whilst sharing and validating the outcomes of the projects.

The second aspect of the Deliverable is the establishment of the project web-site; <http://NEFFICS.eu>. The web site will be a single entry point for project-related material, including information about relevant events, case studies and published project results.

The web-site will be extended to have a download area for demonstration software.

## 2 The NEFFICS Community

The ambition of the NEFFICS Community is to provide insight into how people and organizations can utilize cloud based software to increase innovation capacity. The Community will both show how technology can be used and how to get started. Our goal is to demonstrate how technology and methodology can bring Innovation Communities together and form a network of communities, including possible sub-communities of a domain. I.e. we create a Sustainability Innovation Zone as a hub, with Carbon Innovation Community and Water Innovation Community as sub communities.

### 2.1 Goals for the NEFFICS Community

Goals of establishing an extended NEFFICS Community are to be able to demonstrate the NEFFICS platform, and seek validation for our research outputs. Building the extended NEFFICS Community enables us to study adoption, usage and discover needs related to networked innovation processes and business models.

### 2.2 Value proposition

The Value proposition that we provide to an extended NEFFICS Community is the opportunity to adopt our technologies, methodologies and research results, and apply them in their own organizations; enabling them to network and build formal and informal graph networks. The participants of the community will be able to share knowledge, challenges, ideas, and even be collaborating across enterprise boundaries on joint innovation efforts. They will also be able to participate in shared business processes, or collaboratively developing new shared processes through State of the Art web based business process and application modeling tools.

### 2.3 Target audience and scenarios

There are many different scenarios where the NEFFICS Platform and NEFFICS Communities could be adopted. Our two use-case partners represent a Virtual-Factory Network and a Hospital Network. The Virtual Factory Network could link the Vlastuin factory closer to its value-chain partners and customers into their innovation network, whilst the Hospital Network could link many hospitals to a knowledge sharing and innovation network. The two cases differ in the way that the Vlastuin factory is the facilitating party of its network, whilst each of the Hospital Network partners are individual adopters of NEFFICS technologies that can be linked together over time.

To generalize; we will seek to extend the NEFFICS Community to different enterprise constellations, and for supporting different network scenarios.

1. Selected scenarios the platform will support:
2. Community for Enterprises and their value-chain
3. Community for Research partners
4. Community for Public Open Innovation Zones
5. Community for Private Open Innovation Zones

## 2.4 Possible opportunities

We will be looking for opportunities of communities that can benefit from NEFFICS results and technologies. The goal is to inform about the available NEFFICS results in general

### **Healthcare community:**

The Healthcare communities seem to be in a good position with respect to already established activities related to innovation and resource management. Many hospitals around the world have already established “Innovation cliniques” and are working on broadening their collaborations in networks under the umbrella of Hospital 2.0, Doctors 2.0, Healthcare 2.0.

The idea is to leverage what Induct is already doing in the Healthcare community, with a number of Healthcare organisations already using the Induct software solution for innovation management. This will in particular also be related to the Liquid Hospital pilot case.

**Living lab communities:** Communities working around geographical areas. There are around 300 Living labs in Europe, and the NEFFICS solutions and results can be relevant as a possibility for innovation management for many of these. We have already had some contacts with potentially interested communities, i.e. eDanube community expressed a positive attitude towards NEFFICS. Driven by University of MarabXX (Slovenia). Want to expand it to the tourist area.

**FI PPP communities:** In the context of the FI PPP program there is a need for innovation community software within and between the various project initiatives. There has been a discussion with the FI PPP Architecture board about use of NEFFICS-Induct solutions, and in particular the environmental subcommunity represented by the ENVIROFI project is considering the use of NEFFICS results with the Induct platform for the future interaction with the environmental community in conjunction with a Wiki platform.

**Agri-lab:** The Agri-lab community in the Netherlands are using Cordys CPF for case example around farming (knowledge available on internet for farmers: such web services can be used in the CPF. Getting the farmers connected together). Going beyond process management: extending with business architecture. They are now connected to the Smart AgriFood FI PPP use case project, and is open for consideration for further use of NEFFICS technologies.

## 2.5 Provisioning the communities

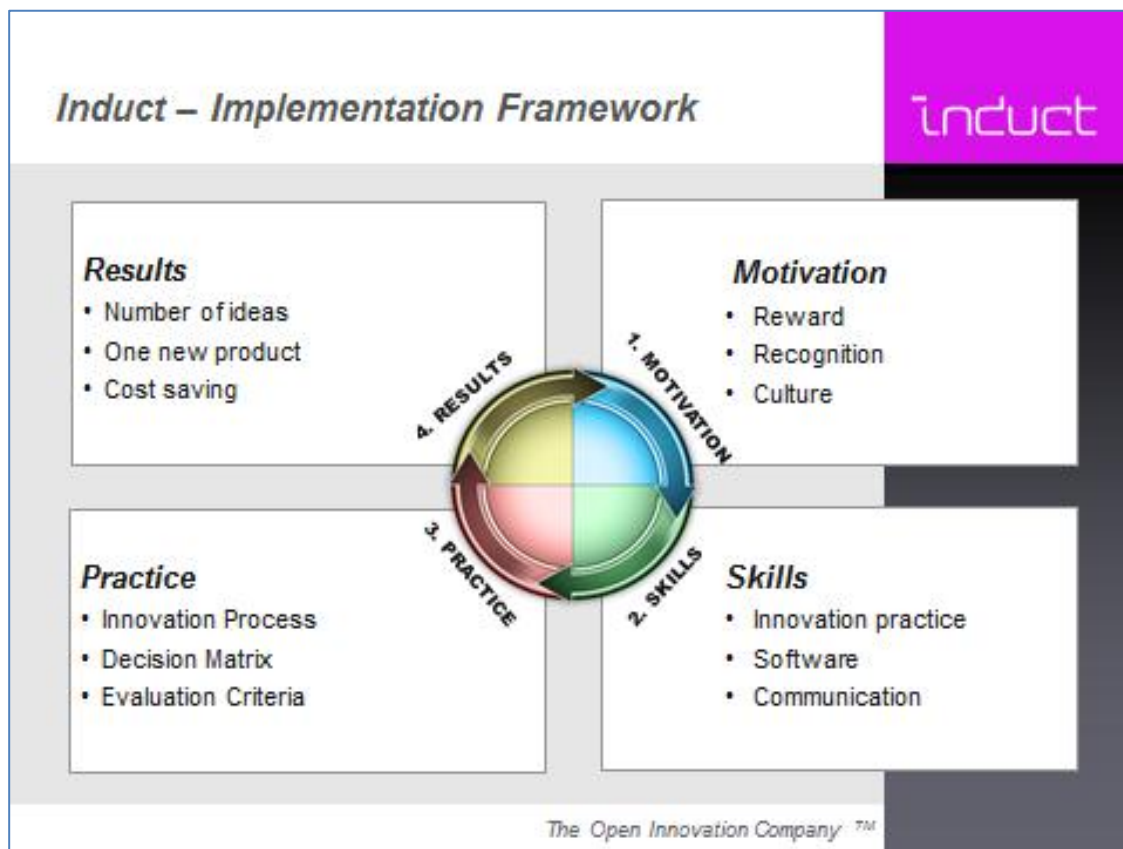
When provisioning the communities we will draw upon the consortium partners experience in their respective field of work, such as value networks, networked business models, and Inducts existing Implementation Framework innovation communities.

### Induct Implementation Framework

The purpose of the framework is to enable organizations to efficiently improve their sustainable innovation capabilities using Innovation Community software.

- Securing value and satisfaction for customers all the way through their life cycle
- Using pedagogic principles from 4MAT and experienced based learning models in order to establish learning loops for the organizations
- Supplemented by PMI project management methods and tools
- Including 12 Areas of Excellence, describing the success criteria, deliverables, activities and tools
- Education and training of customers and partners provided by Induct Academy

### Framework model:





## 3 The NEFFICS Project Web-site

### 3.1 Technology

We chose to use WordPress as the technology for the NEFFICS.eu project website. Our main requirement is to be able to present the public project documentation, articles, calendar and the public blog. Wordpress started as a blogging system, but has evolved to be a strong and extendable content management solution. It is installed on a Windows server running Internet Information Server (IIS) with configured to support PHP applications. The instance of Wordpress has been extended with plugins for membership management, rich-text editing and wiki functionality. The WordPress software originates from <http://WordPress.org>

### 3.2 Deployment

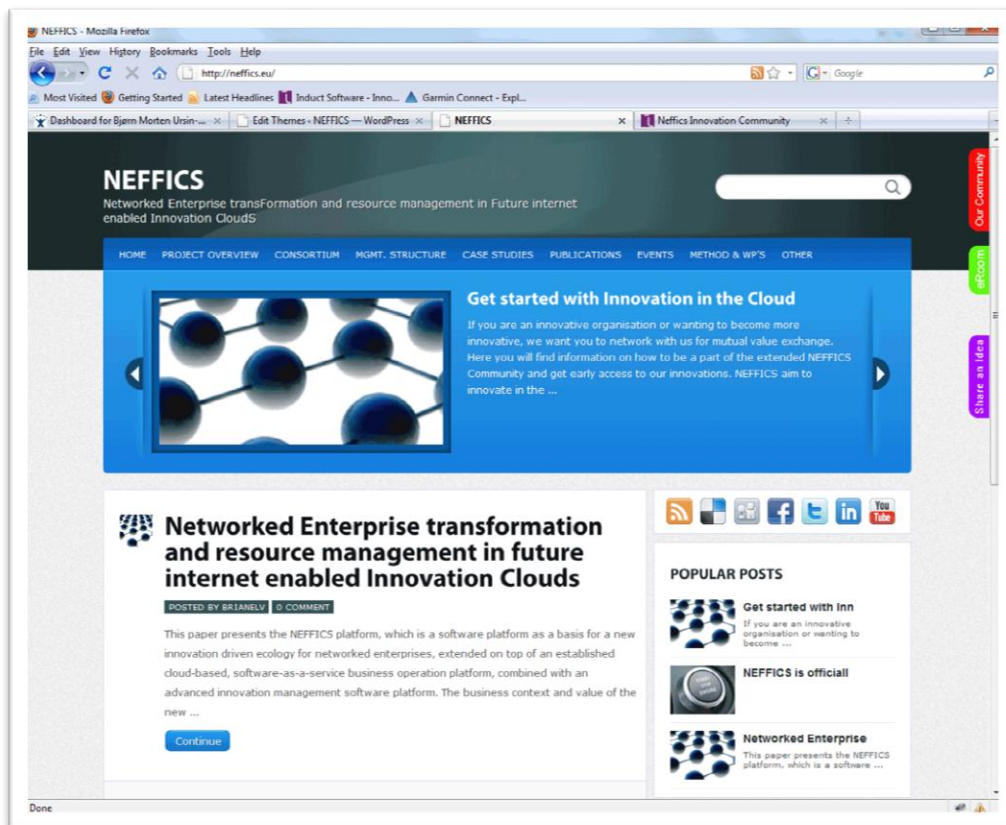
The site is open for the public. The URL-address is not marketed actively but is found through search engines and via FP7 project overview sites.

### 3.3 Functionality

This table represents a subset of the total functionality of the WordPress package, with focus on the functionality we apply in the NEFFICS.eu site.

Function	Purpose
CMS Article engine	Publication of the NEFFICS public documents and articles.
Blog	Publication of selected informal publications.
Calendar	Publication of relevant events.
Wiki	Used for sections such as glossary and relationship within work packages.
File management	Used to share documents that are referred to from within articles and blogs.
Link to NEFFICS eRoom	On the right side of the NEFFICS.eu website there is a link to the NEFFICS eRoom internal document management system.
Link to Innovation community	On the right side of the NEFFICS.eu website there is a link to the Innovation community that is shared among the project partners. (NEFFICS.induct.no)
Link to feedback module	On the right side of the NEFFICS.eu website there is a link to a feedback module that posts ideas and support requests into the innovation community. (NEFFICS.induct.no)

## 3.4 Layout



The website has the following hierarchy:

- NEFFICS.eu
  - Home
  - Project overview
  - Consortium (members)
  - Management Structure
  - Method & Work Packages
  - Case Studies
    - Virtual Factory Network (Vlastuin)
    - Connected Retail Network (Telecom Italia)
  - Publications
    - Deliverables
    - Papers
  - Events
  - Other
    - Glossary
    - Media
    - Taglinks