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**Glocal enterprise network
focusing on customer-centric collaboration**

D8.62

Report on Cluster Activities – Year 2

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EXPLOITATION AND DISSEMINATION

Deliverable data

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Deliverable summary

This report describes the activities and contributions to the FInES (Future Internet Enterprise Systems) cluster during the second year of the project.

Besides the participation in the various meetings and tele-conferences organized by the cluster, GloNet had a participation in the preparation of a position paper towards HORIZON 2020.

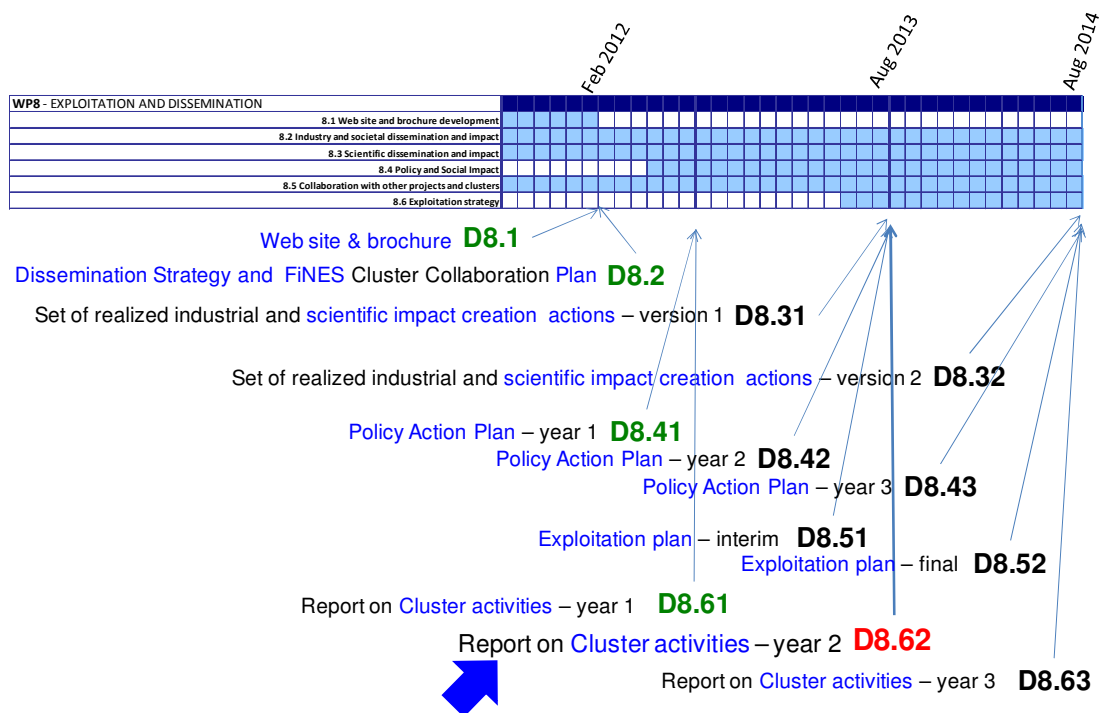
Collaboration with other initiatives was extended to other projects beyond the FInES cluster.

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PROJECT-RELATED SUMMARY

This deliverable is the second of the planned annual reports describing the activities and contributions to the FinES cluster. These activities are performed in accordance to the cluster collaboration plan defined in D8.2.



As such, D8.62 results from the activities carried out during the second year in the following task:

- Task 8.5 – Collaboration with other Projects and Clusters.

The report includes, thus, a summary of the contributions of GloNet to the various events and task forces of FinES. Furthermore, activities regarding interactions with other related projects are also described.

1 INTRODUCTION

As established during the project contract negotiation, GloNet is associated to the Future Internet Enterprise Systems (FInES) cluster of projects. According to the FInES statement, "*The Internet becomes a universal business system on which new values can be created by competing as well as collaborating enterprises - incumbent as well as new - through innovation in a level playing field, with sustainable positive benefits for the economy, society and the environment*". The cluster aggregates active projects in this area and aims at creating synergies and leveraging knowledge, experiences and findings emerging of multiple initiatives in order to increase the impact of the ICT initiative.

As such, GloNet includes a specific task in its work plan to address the collaboration liaison and co-operation activities with other ICT projects through FInES. The consortium members are committed to provide contributions to the following activities of the cluster:

- Exploitation of synergies / technical 'concertation': participation to workshops, contribution to one of more working groups activities, input to scientific and strategic activities, active contribution to Task Forces;
- Joint activities for exchange, dissemination and training;
- Production of dissemination material that can be used for communication towards the general public;
- Co-ordination of standardisation efforts;
- Contribution to repositories of reference implementations and dissemination portals, to be determined according to the project results and exploitation strategy;
- Contribution to business values, business scenarios and business models;
- Contribution to the scientific foundation of collaborative networks in the context of FoF;
- Contribution to the Internet as a universal business system.

During the initial phase of GloNet, FInES activities were organized around a number of Task Forces, being GloNet responsible for the Task Force on Collaborative Networks.

Until last year, the ENSEMBLE project, which was a coordination and support action, was in charge of coordinating FInES and maintaining its web site. Since this project ended, the activities of the cluster have continued on a more self-sustained basis, resorting to voluntary work of the Task Force leaders, which have been acting as a coordinating team. Through the leader of the Task Force on Collaborative Networks, GloNet has been contributing to this coordination effort.

In addition to the FInES-related activities, GloNet has also pursued contacts and interactions with other projects and initiatives with the objective of exchanging knowledge and facilitating dissemination of results.

2 CLUSTER ACTIVITIES

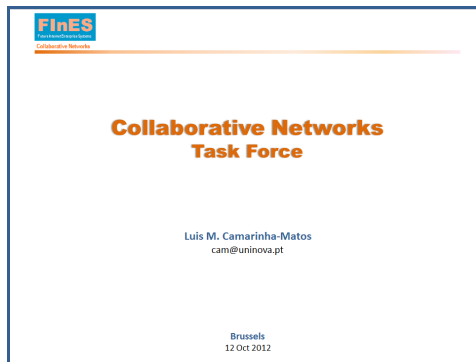
2.1 Participation in FinES events

During the second year of the project, GloNet continued to contribute to the FinES cluster activities as follows:

- FinES Workshop: Brussels, 12 Oct 2012

GloNet participants: Luis Camarinha-Matos (Uninova), Hamideh Afsarmanesh (UvA)

Presentation: Collaborative Networks Task Force



General introduction to the objectives and plans for the Task Force:

- Task force motivation and goal
- Scope of the task force
- Foreseen interactions with other initiatives
- Initial plan of activities
- Initial achievements
- Taxonomy of collaborative networks
- From xRM to CN
- New notion of enterprise
- Trends and future directions in CNs

www.fines-cluster.eu/fines/jm/news-section/collaborative-networks-task-force-news/task-force-presentation-at-fines-workshop.html

GloNet participants were also active in the various working groups organized during the workshop.

- FinES Cluster Coordination Telco: 19 Dec 2012

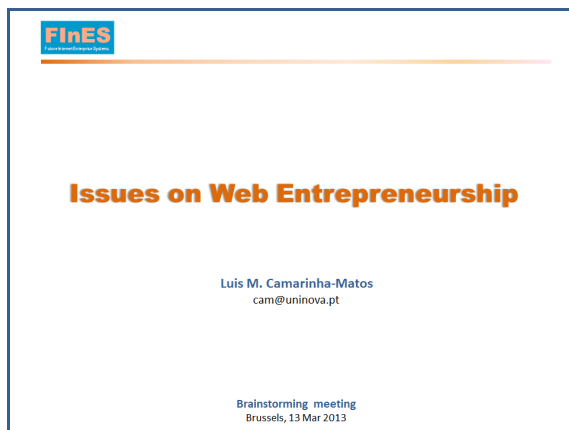
GloNet participant: Luis Camarinha-Matos (Uninova)

Written contribution on ideas for the reorganization of the FinES Task Forces.

- Brainstorming seminar: Brussels, 13 Mar 2013

GloNet participant: Luis Camarinha-Matos (Uninova)

Presentation: Issues on Web Entrepreneurship



Contribution to the brainstorming session:

- Web entrepreneur and digital enterprise
- Major societal challenges
- % of entrepreneurs
- Innovation acceleration
- Role of Internet
- Relation to FinES roadmap
- Technology R&D challenges
- Recommendations

Participation in the discussion of other topics:

- Digital Enterprise
- Future Internet PPP
- Sensing Enterprise
- Collective Awareness Platforms

- Several FinES coordination telcos: 7 Feb 2013, 30 Apr 2013, 5 Jun 2013, 20 Jun 2013
GloNet participant: Luis Camarinha-Matos (Uninova)
Contribution: Participation in the discussion of the FinES Position Paper towards Horizon 2020.

- FinES Workshop: Brussels, 6 May 2013
GloNet participant: Simone Braun (CAS)
Contribution to the discussion of the Fines Cluster position paper towards Horizon 2020.

2.2 Other contributions to FinES

Contribution to FinES Position Paper Towards HORIZON 2020:

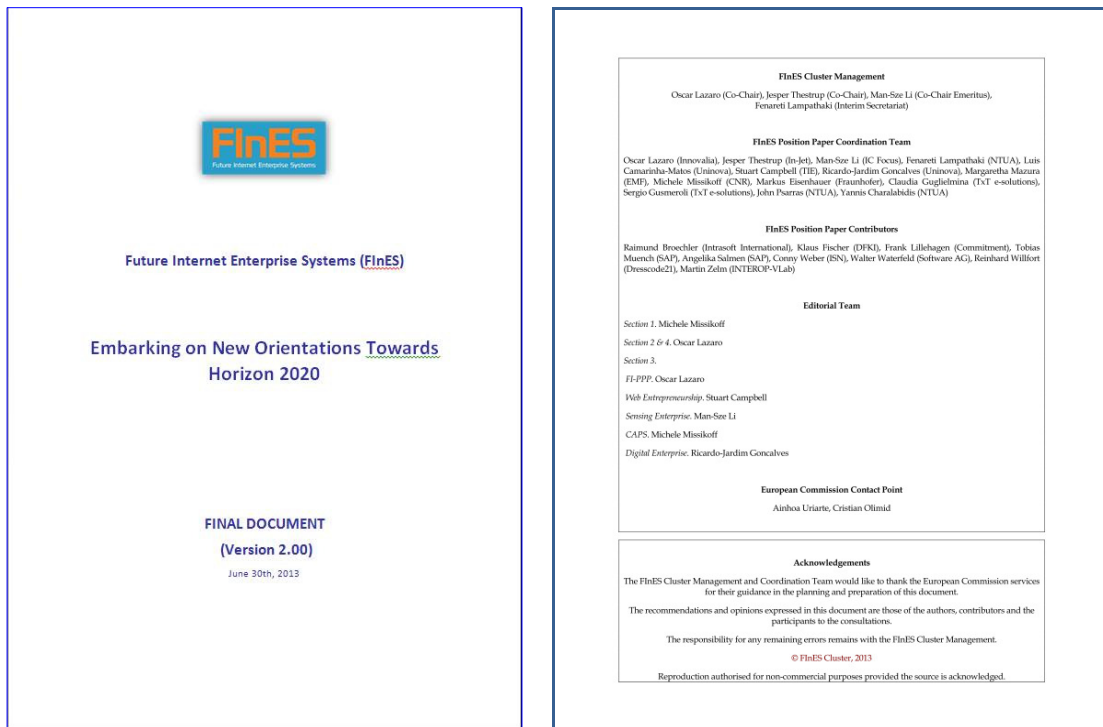
This Position Paper presents the FinES community's perspective of "Digital BusiNet Innovation" and shares insights from an Enterprise perspective on Future Internet Capabilities. To this end, five themes, in alignment with the focus and interest areas of Unit E3 are proposed: Future Internet (in the context of the Future Internet Public Private Partnership), Web Entrepreneurship, Sensing Enterprise, Digital Enterprise, and Collaborative Awareness Platforms (CAPS).

From the perspective of Digital Business Innovation, as a driver for capturing IoE (Internet of Everything) value, the FinES community prepared a set of recommendations for consideration of the European Commission in their orientation of the H2020 R&I Programme:

- FI & enterprise communities can be exploited as a support platform to substantiate the policy and technology development dialogue in the context of H2020.
- FI & enterprise clustering capabilities and external liaisons can be reinforced to establish a reference Digital Business Innovation in the Net (DBI) community of knowledge.
- FI & enterprise community can assist in steering a better alignment between ICT innovation cycles with enterprise and manufacturing innovation cycles.
- The Sensing Enterprise topic should be prioritised as a strategic research domain in order to secure Europe's competitiveness in the emerging economy of "The Internet of Everything".
- CAPS technology could to support P2P and P2M social and web entrepreneurship innovation in the IoE economy.

The preparation of the position paper included a number of steps:

- Several telcos among a "coordinating team" during the period Feb-Jul 2013, which included Uninova in representation of GloNet.
- A brainstorming seminar in Brussels (13 Mar 2013).
- Public presentation and discussion during an event in Brussels, European Commission (6 May 2013).
- Public consultation through the FinES web site.
- Preparation of the final document (Jun 2013).



www.fines-cluster.eu/fines/jm/Publications/Download-document/409-FInES-Horizon-2020_Position-Paper-v2.0_final.html

2.3 Participation in other clusters

Trusted Cloud (www.trustedcloud.de)

GloNet participant: CAS Software.

Driven by the Federal Ministry of Economics. About 50 member organisations from different sectors. Regular physical meetings in Berlin. Exploitation of synergies in the area of security. Presentation of GloNet use case as potential reference case.

Spitzencluster (www.software-cluster.com)

GloNet participant: CAS Software.

The largest IT cluster in Europe. Regular physical meetings in the cluster area, regular videoconferences. Exchange of experiences and information on potential concrete collaboration in the area of process management identified.

3 OTHER INTERACTIONS

In addition to the general interactions at the projects cluster level, GloNet also participated in various bilateral interactions with specific projects as follows:

<i>Project:</i>	IMC-AESOP SoA-based approach for next generation of SCADA/DCS systems targeting Process Control Applications. FP7 project .
<i>Type of interaction:</i>	Visit of project representative (Project Coordinator Dr. Armando W. Colombo, Schneider Electric Automation GmbH) to Uninova
<i>Date:</i>	18 Apr 2013
<i>Partner involved:</i>	UNINOVA
<i>Results:</i>	Exchange of ideas about the use of collaborative networks in the design of advanced agile shop-floor systems. Contribution to a session proposal at ICT 2013: "The Next Generation Collaborative Industrial Systems and their Impact".
<i>Project:</i>	MIELE Multimodal Interoperability E-services for Logistics and Environment sustainability: design and to develop a pre-deployment pilot for an interoperable ICT platform (the "MIELE Middleware") able to interface ICT systems (i.e. single windows, port community systems) in Italy, Portugal, Spain, Cyprus and Germany (the "National Vertical Pilots"). TEN-T project .
<i>Type of interaction:</i>	Various meetings and email interactions.
<i>Date:</i>	Period of Nov 2012 – Mar 2013
<i>Partner involved:</i>	UNINOVA, UvA
<i>Results:</i>	Discussions on the applicability of GloNet's Collaborative Network concepts to the port's environment. Contribution to a joint paper to PRO-VE'13 (with Uninova, UvA).
<i>Project:</i>	AAL4ALL Aims at developing an ecosystem of products and services for Ambient Assisted Living (AAL), in support of elderly, associated to a business model and validated through large scale trial. QREN project .
<i>Type of interaction:</i>	Various meetings and email interactions. Participation on a workshop on Service Design.
<i>Date:</i>	Various meetings and email exchanges along the year.
<i>Partner involved:</i>	UNINOVA
<i>Results:</i>	CN concepts -> AAL4ALL ecosystem; Service design methodology -> GloNet.
<i>Project:</i>	Collab4Safety Aimed at contributing to an increased cooperation and coordination on food safety at a global level and consequently at contributing to improving quality of life, enhancing social welfare and boosting the economic competitiveness of the European food industry. FP7 project .
<i>Type of interaction:</i>	Visit of project representatives (Dr. Teresa Crespo and Joana Lamego, IBET) to Uninova.
<i>Date:</i>	19 Jun 2013
<i>Partner involved:</i>	UNINOVA
<i>Results:</i>	Transfer base CN concepts, discuss sustainability of networks.

Project: **Cloudwerker** (www.cloudwerker.de)
Type of interaction: Exchange of information.
Partner involved: CAS
Results: Interest on glonet platform. No decision taken yet.

Project: **Cloud 4 SOA** (www.cloud4soa.eu)
Cloud4SOA is providing an open semantic interoperable framework for PaaS developers and providers, capitalizing on Service Oriented Architecture (SOA), lightweight semantics and user-centric design and development principles. [FP7 project](#).
Type of interaction: Exchange of information.
Partner involved: CAS
Results: Discussion on vendor lock in and other issues on interoperability/portability. Presentation of CAS results.

4 CONCLUDING REMARKS

As planned, during this second year GloNet continued to have a very active participation in the FInES cluster activities.

The established interactions allowed some exchanges of experiences and a better understanding of the scope of the other projects involved in the cluster. Of special relevance were the close interactions with the FInES coordination team regarding the preparation of a “position paper” with recommendations for HORIZON 2020. The experience and findings of GloNet were considered in the preparation of this document.

Furthermore, GloNet also extended its interactions to other projects outside the FInES cluster, which allowed enriching the scope of knowledge exchanges and impact creation.

CONSORTIUM

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Steinbeis GmbH & Co., Germany



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Member of the:



www.glonet-fines.eu