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Support of FI-PPP

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Abstract: This report consolidates FINESCE activities supporting the Future Internet Public-Private Partnership Programme (FI-PPP). It describes the FINESCE contribution to the coordinating activities of the FI-PPP, the evaluation and integration of the FIWARE platform and GEs as a best practice example and the support for SMEs in Phase II and III.

Keyword list: FI-PPP support, FIWARE, Generic Enablers, SME, European impact, Start-ups, Accelerators

Executive Summary

The FI-PPP programme is now in its third and final phase and activities in the Programme will come to a conclusion in early 2016. Since the initial planning of the FI-PPP started in 2009, many of the goals initially envisaged for the Programme as a whole have been achieved and FINESCE as a project, and its member partners, have played a significant role in enabling many FI-PPP Programme achievements.

FINESCE has been an active member of all the bodies of the organization of the FI-PPP and has represented the Use Case Projects in external events, promoting the Programme as a whole as well as the activities and aims of the FINESCE project within the Programme.

As the FINESCE role in the FI-PPP Programme comes to a close, we can look back on a successful effort to develop and promote FIWARE for Energy and can look forward to the further development of our project results in both commercial and research activities in the coming years.

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1. Introduction

The purpose of this report is to describe the work of FINESCE on supporting the FI-PPP programme as part of the FINESCE project.

The Future Internet Public-Private Partnership (FI-PPP) is a European programme for Internet innovation. It aims to accelerate the development and adoption of FIWARE and Future Internet technologies in Europe, advancing the European market for smart infrastructures and increasing the effectiveness of business processes through the Internet. In that context, the FINESCE project aims to promote the adoption of FIWARE and Future Internet technologies in the energy sector.

FINESCE is an FI-PPP Phase II project, building on the results of the FINSENY Phase I project, which paved the way for Future Internet field trials in the energy sector. The work of promoting FIWARE in the energy sector is taken up in Phase III by the INSENCe accelerator for start-up companies and FINESCE has organised close collaboration with INSENCe since its kick-off.

This report contents a review of the work contributed by FINESCE to the various working groups and activities of the FI-PPP.

2. Contribution to the coordinating activities within the FI-PPP programme

2.1 Steering Board

The Steering Board of the FI-PPP has coordinated the activities of the projects within the FI-PPP programme since the Programme started, meeting regularly to discuss progress and planning at Programme level. A particular focus of the Steering Board has been on the preparation of material for the Advisory Board meetings and the preparation of external events including those organised by the FI-PPP itself. FINESCE played a leading role in organising the FI-PPP event held in Munich in September 2014.

The FINESCE co-ordinator has been physically present at all face to face Steering Board meetings held since the FINESCE project started and additionally, the FINESCE Technical Manager has been present at most of the face to face Steering Board meetings and almost all voice conferences of the Steering Board.

As a contribution to the development of Steering Board organisations, FINESCE prepared the election procedure for the Chair of the Steering Board (see Annex 2 to this document). This procedure was adopted and is still in use for annual elections of the Steering Board chairperson.

The FI-PPP Steering Board is currently active and FINESCE will contribute to the meeting planned for September 22nd, 2015 in Frankfurt.

2.2 Architecture Board

The FI-PPP architecture board coordinates the technical work of the FI-PPP at Programme level. The focus of the work of the group has been on the coordination of the FI-WARE and now the FI-CORE project activities and results with the Phase II and Phase III projects who use the results and make them available as integrated platforms to a wide range of SME's and third parties.

The FI-PPP Architecture Board was very active during the first two years of the FINESCE project but has not met since July 2014. During the time that the architecture board was active, several representatives of the FINESCE technical management attended all of its events, courses and workshops on FIWARE and took part in all board meetings organised.

The architecture board is no longer active.

2.3 FI-PPP Programme Office

The FI-PPP Programme Office was formed in mid-2014 to provide coordination support for the FI-PPP programme. One face to face meeting of the group took place in Brussels on 21 November, 2014 and FINESCE attended and contributed to the meeting.

FINESCE has supported the Programme Office management activities in preparing input for FI-PPP Advisory Board meetings.

FINESCE has contributed to the Programme Office public relations activities by providing information on our use of Generic Enablers for the energy sector and

FINESCE was the first “Success Story” to be highlighted by the Programme Office PR activities.

FINESCE has further contributed to the Public Relations activities for the Programme through its many National TV appearances and through its contribution to the documentary made by Austrian TV in September 2014, which was screened in Austria in December 2014 and will be screened on many German and Swiss channels during 2015. The FINESCE short films and video blogs of Energy events such as the European Utility Week held in Amsterdam in 2015 have been publicised through the Programme Office social media and web streams to large international target audiences, contributing to the positive image of the FI-PPP programme.

2.4 Standards Working Group

The objectives of the Working Group evolved during its life, with the desire to encompass validation activities in addition to standardisation issues emerging in its second year of activity.

The group became the Standardisation and Validation Work Group (WG) with the objective of facilitating projects in the identification of existing and potentially applicable standards and in the process of standards definition from pre-standardisation to compliance testing and marketing, and help maximise the outcome of the Future Internet PPP. A first goal of the WG was to provide advice about existing standards that can be used in a FI-PPP project, when the project requires it. Another objective is to ensure that projects and developments are correctly implementing existing standards and that new standards can be validated wherever feasible. Standards aim to ensure interoperability and such goal can be achieved only if there is clear identification of conformity to standards process that was termed ”validation”

The revised WG objective to focus on Generic Enabler validation did not garner wide support in the FI-PPP Architecture Board and the objective was not fully realised.

A number of Working Group teleconference meetings were held including:

- Mar 2014
- Feb 2014
- Dec 2013
- July-2013

The extension of the scope of the Working Group to identify domain specific standardisation gaps was proposed by the FINESCE project. While this approach was discussed and did received some support, the WG was terminated before the proposal could be put into effect.

The Standards Working Group was officially closed in August 2014.

2.5 Policy, Regulation and Governance Working Group

The policy, regulation and governance working group (PRG WG) was initiated within the FI-PPP and consisted of representatives of all FI-PPP projects. Policies, regulatory and governance structures are important conditions for the realisation of the FI-PPP.

The PRG working group was focused on those policy, regulatory and governance issues, which are evidently and directly relevant to the FI-PPP and to its impact and its success. Therefore, the FI-PPP has an influencing role on these issues.

Regarding policy the WG looked into Internet-related, forward looking policies on EU and national / regional levels, which are relevant to the FI-PPP. These include innovation policies and policies concerning the stimulation of SME and entrepreneurship involvement and their advancement within the FI-PPP.

Regulation is understood in the sense of a more formal area of rules based on legislation relating to rights, obligations and responsibilities, such as e.g. interconnection, access and privacy.

Governance related issues were found mostly beyond FI-PPP and none were identified within the WG and projects.

The work of the WG was based on the issues identified in phase 1 of the FI-PPP and on the developed working papers. The goal of the WG was to identify issues related to policy, regulation and governance, which affect the FI-PPP and to prepare recommendations on resolving them. Furthermore the WG proposed external experts, platforms and bodies, which are relevant to initiate discussions on these issues and influence on-going debates.

PRG challenges in Phase 2

In a workshop of the PRG WG three comprehensive topic areas have been identified which are relevant to the FI-PPP. These were further investigated and can be summarized as follows :

- Openness, accessibility, neutrality (platforms, interfaces, data), incl. Ownership and IPR, open business models
- Cyber security, confidentiality, privacy, data protection, identity management
- Policy and legal conditions for SME engagement in FI-PPP and international business

The work there was focused on the immediate PRG challenges given for phase 2 and 3. The specification of the issues was done in a structured manner by identifying and assessing them within the projects.

For the FINESCE project the main issues would relate to the energy market as network market: access to bottleneck functions within the network, access to network management information (both to stimulate competition and service innovation), access to consumer generated energy data and data gathered in this context. Synergies between telecoms and energy markets are an issue as well.

As a result of assessing the PRG issues of the phase 2 projects a list of 9 priority PRG topics were compiled:

- Access to data
- Access to interfaces
- SME engagement
- Identity Management
- Sharing and interoperability of infrastructures
- Privacy and data protection
- Security of platforms and infrastructures
- Ownership and IPR, open business models
- Micropayment

These topics were further analysed and described and the relevance to the FI-PPP were highlighted.

At the ECFI-1 in Brussels a workshop on Privacy and Data Protection was held. The preparation included the development of a position paper on this topic. It explains why privacy and data protection in the Future Internet and in particular for the FI-PPP is critically important for its success. Citizens and organisations get more and more concerned about the protection of their personal data and their privacy, as well as about the increasing cybercrime related to personal data. It is very important for the success of the Future Internet services that users regain the trust in the protection of their data and privacy. Currently there are different national privacy rules. In the paper the scope of data protection and privacy in the FI-PPP and how the projects are handling this topic is described. Furthermore the current state of the Data Protection and Cyber Security Strategy of the EU is mentioned.

For the FI-PPP programme it is important that policy and regulatory issues are identified and tackled accordingly. In the PRG Working Group the policy and regulatory issues with the most relevance to the FI-PPP were identified. The topics were discussed at workshops and best practices from the projects were gathered and published in a repository. There a list of EU groups related to policy issues was assembled, which can be approached for specific topics.

Furthermore it was concluded, that solving policy and regulatory issues are a long-term formal process. Therefore a short-term pragmatic process of best practice within the projects is recommended; with a customer-oriented approach to solve concrete problems in short-term even if the solutions are only suboptimal.

The Policy, Regulation and Governance Working Group was officially closed in August 2014.

2.6 Dissemination Working Group

The Dissemination Working Group (DWG) was established in April 2013 to align the dissemination work of the several use case projects of FI-PPP phase 2. It was led by Concorde and closed by June 1st 2014. After June 2014 the dissemination work was coordinated by the professional marketing agency Ogilvy.
The main focus of the DWG was to support the appearance of the FIWARE use case projects on EC Future Internet events and to organise the joint FI-PPP events, the “European Conferences on the Future Internet (ECFI)” in Brussels and Munich.
FINESCE actively participated in all organisational meetings and took over a special responsibility for the ECFI in Munich.
Apart from the events organisation, Concorde published a quarterly FI-PPP newsletter where FINESCE was always represented with reports about the events and activities in the project.

2.7 Business Impact and Exploitation Working Group

The Business Impact and Exploitation Group was established to align business models across FI-PPP use case projects and to share the individual approaches to attract SMES to the FI-PPP programme phase 3 (FIWARE Accelerator Programme).
FINESCE presented its innovation event approach; the FINSENY uses case evaluation methodology and the road mapping approach to support the exploitation efforts of the FINESCE trials.

The Business Impact and Exploitation Working Group was officially closed in August 2014.

3. FI-Ware GE's

FINESCE had ambitious measurable goals for its use of GE's and has achieved them, as illustrated in Figure 3-1 below. Our KPI goal was to have 46 instantiations of GEs in our trials sites. In fact, we have 62 instantiations by early 2015.

Our regular structured reviews of the performance of individual GEs have been used by FIWARE to improve the performance of FIWARE and FILAB.

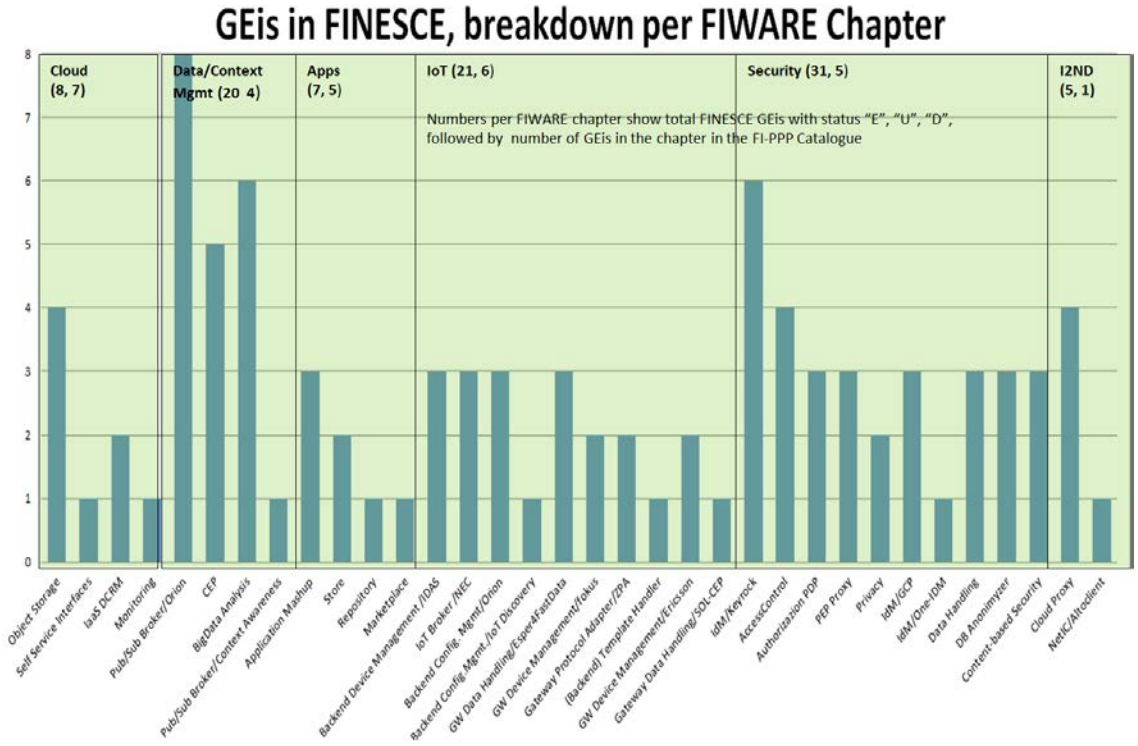

Figure 3-1 GE instantiations in FINECE trial sites

3.1 Key benefits for the trial sites of using GE's and FINESCE DSE's

In Europe utilities need to find ways to contribute to national climate goals, be "dynamic adopters" of fluctuating renewable energies in the grid and varying regulations without losing revenues. Towards this challenge, an option is to offer and facilitate access to quantitative and qualitative energy data and human/user insights within a smart grid-ready setup that enables utilities to test and qualify new business models and engage in finding new customer-relationship models in order to be in line with the rise of new technologies, private Distributed Energy Resources (DER) and the future customers' needs and requirements.

Pressure on utilities regarding climate change is escalating, leading to much greater penetration of renewable energy sources, high load applications such as electric vehicles, increased prosumer activity and other complex developments, all resulting in increased grid instability. A stream of flexible, economic solutions, to keep the grid balanced will be needed far into the future. Short development cycles and low cost deployment are essential requirements and this is where the Future Internet approach of reusable software components, the Generic Enablers, and cloud based services,

which can be combined to develop multiple applications, can help address these serious technical challenges.

Energy services have been static for many years, with little functional innovation occurring of the type that would benefit consumers. The gap between complex, inhomogeneous and dangerous utility infrastructures and the world of mainly software driven service development, often lead by small companies, could not be greater, and will not be bridged without the development of a standardised platform, as proposed by the FINESCE project (see ANNEX 1 Smart Energy Platform). Such a platform will be expensive and difficult to develop unless Future Internet technologies are deployed to increase standardisation, reduce costs and product development times.

The FINESCE project shows that he FIWARE platform and the GEs are major building blocks for the development of the smart grid and future energy services.

Smart Grids has been slower to roll out than originally forecast, mainly to high cost of deployment in the distribution network. FINESCE has developed a radical solution based on low cost computing, software defined communications and system layers and utilising Future Internet technologies to reduce software development costs. Such innovation will drive the smart grid.

The FINESCE project provides good best-practice examples showing the importance to work with digitalised and cloud-based solutions based on FIWARE for the energy sector. The project developed solutions for smart grid and energy optimisation with promising commercial aspects. The best-practice examples show FIWARE and FINESCE DSE's in use:

- for leveraging thermal building inertia to enable system optimization of district heating and district cooling
- for combining Smart City with ICT capabilities and customer engagement
- in a State-of-the-art platform developed for large scale E-Mobility optimization with the possibility to lower impact linked to grid constraint issues for the rollout of a large amount of e-cars
- as a concept around new energy market models
- To develop a demand response management system to balance the energy generation and loads in a regional context.

These solutions show that FIWARE is a FI technology platform for the energy domain. They create the confidence for the partners in the energy domain that the software driven service development based on FI technology is the direction to create future smart energy solutions.

The FINESCE API providing the access to the trial infrastructure and trial data enables utilities to develop and test new application and business ideas with realistic data on an existing infrastructure. According to the feedback received from utilities they have a need for an independent infrastructure where they can develop and test future applications implemented based on Future Internet Technology. The Smart Energy Platform concept developed by the FINESCE project is a next step for providing such a long-term infrastructure for the energy sector.

The DSEs developed in FINESCE provide an additional benefit as ready to use enablers specialised for the energy domain.

Visually presenting Smart Energy data, implemented in the FINESCE Presentation Layer (FPL), empowers the energy business by giving deeper insight into short-term

and long-term operations. Through the authentication and authorisation system provided by FIWARE GEs access rights and roles can be defined thus providing the presentation for both the energy provider and the energy business customers based on the same underlying system and data. The user interaction based on web application makes the presentation layer independent from underlying hardware. The FPL is a further building block for the development of services and business models.

In addition FI based services can be deployed as lightweight intermediate services. One option is to deliver (some of) the services based on the FINESCE platform as lightweight intermediate services. This is interesting in situations where a problem takes time to solve e.g. due to long component delivery times or when a problem is expected to be resolved within a short time (relative to installing new components in the grid) e.g. due to lower electricity consumption due to more energy efficient appliances. It is a major advantage that specialized solutions can be build fast and flexible based on Future Internet Technology.

Feedback from the FINESCE trial sites open days and events show that the benefits of using FIWARE and the FINESCE API, based on FIWARE, were many and most feedback from utilities has focussed on:

- **The speed with which trials could be deployed**, as standard components could be used to build up applications in much less time than bespoke software could have been developed. FINESCE demonstrated this to the energy community at its many Open Days at trial sites, Innovation Events and exhibition stands

- **The ability that it gives to utilities to adapt to innovation** and to offer their customers innovative services on the latest platforms and devices, enhancing their customer satisfaction and often resulting in energy savings and CO2 reductions.

- **The flexibility** that it gives to utilities to work with changing suppliers

Large utilities, such as Vattenfall and RWE have expressed interest in contributing to further work on the Utility 4.0 concept developed by FINESCE and based on the FINESCE FIWARE Platform for Utilities and we anticipate taking our results further commercially and in trials in the coming years.

3.2 Feedback on the work with GE's

FIWARE has evolved during the lifetime of FINESCE. Many improvements have been introduced and the catalogue of GEs has been made shorter to focus on the promotion of high quality GEs. Significant efforts have been made in 2015 to improve the performance of the FI-Lab hosting service and to enhance information available to developers and start-ups.

At the current time, further improvements could be made in the availability of information regarding the intended us of individual GE's and their robustness for use in trials and in commercial operations, should they be suitable for commercial use. A deprecation procedure, under which GEs scheduled to be removed from the catalogue were available for a defined period before support is withdrawn, would enable a higher level of planning security for organisations using GE's and would enhance their attractiveness.

4. Integration of a strong SME partner base

4.1 Innovation events - Support of FI-PPP Phase II and III

5 Innovation Events were organised in a range of European cities to publicise Phase II and III opportunities to SMEs active in the Smart Energy domain and presenting the FINESCE Trial Sites and Open Call information to a broad audience of SMEs and entrepreneurs, who were interested in collaboration and funding within the FINESCE project.

Five Innovation events were organised

- Innovation Event Germany, Berlin: 10th September 2013
- Innovation Event Ireland, Dublin: 12th September 2013
- Innovation Event Sweden, Malmo/Hyllie: 1st October 2013
- Innovation Event Denmark, Horsens: 9th October 2013
- Innovation Event Italy, Terni: 17th October 2013

The events followed the same structure

- Welcome
- Keynote Speeches
- Presentation of FINESCE and the FI-PPP Programme
- Explanation of the Open Call Procedure
- Presentation of the FINESCE Trial Site hosting the event
- 99 Seconds (presentations of all participants) and Networking Matrix
- Networking Session – the participants were invited to talk to the trial site representatives

Nearly 200 people attended the events, 170 of them representing SMEs (75 expected) and 53 applications for the FINESCE open call (15 expected) were received.

The feedback of the participants was very positive. People found the participation approach of the FI-PPP very interesting and a lot of the participants committed to participate in the FINESCE Open Call. They got a good basis on information which was necessary to apply for the Open Call.

As For a lot of SMEs it was the first approach to FP7 a special FINESCE Innovation Community was created for this group to facilitate information exchange and to encourage new ideas for Phase III of the FI-PPP and beyond.

FINESCE continued the concept of the innovation events as continuous support action for the FI-PPP phase 3. It was an integral part of the so called Open Days which focused on presenting results and demonstrations from the trial projects.

4.2 Open Call

FINESCE launched an Open Call for new Partners in September 2013 with funding of 1.2 Million Euro. The Call aimed to add new applications and functionality to the five field trial work packages of FINESCE.

53 organisations applied and 11 where invited to become partners of FINESCE. The new partner quickly became equivalent partners in the project.

The experience with the new partners has been very positive. A few of the old and new partners are considering further collaboration post the FINESCE project.

WP No	**New partner**	**Type of organisation**
WP1	XLAB	SME
WP2	SEnerCon GmbH	SME
	Energy Consulting Network A/S	SME
	Develco Products	SME
WP3	Xlab	SME
	Soptim AG	Enterprise
WP4	Devolo AG	SME
	TW Teamware S.r.l	SME
	Instituto Superiore Mario Bolla	Research Organisation
WP5	Fundació Privada Universitat i Tecnologia	Research Organisation
WP6	DunavNET	SME
	Yucca LDA	SME

5. Conclusion

During the two and a half year duration of FINESCE, we have experienced many changes improvements in the FI-PPP and have seen the image and popularity of FIWARE grow dramatically as the Phase III projects launched their first Open Calls for start-ups to use FIWARE. Many cities in Europe have decided to support FIWARE and many National Programmes promote its use in Nationally funded projects and programmes. The use of FIWRE in Internet of Things initiatives is developing and can be expected to grow further.

As FINESCE draws to a close, we can see that FIWARE has a bright future and we can see that our efforts have contributed, in particular, to the visibility and interest in FIWARE in the energy sector and to the bright future of FIWARE in the energy sector.

ANNEX 1 FI-PPP Events attended

Name of meeting/ workshop	Date and place	Participants	Roles of participation
Architecture Week	02.04.-05.04.2013 Madrid, Spain	SYN FIR	Participant in Generic Enabler presentation Technical presentation on FINESCE WP4 and WP6 activities.
FI-PPP Steering Board	14-15.03.2013 Madrid	Ericsson	Representative of FINESCE
FI-PPP Steering Board	23.05.2013 Berlin	Ericsson	Representation of FINESCE, presented election procedure for Chairperson
FI-PPP Architecture board	Series of voice conferences	RWTH	Representatives of FINESCE
FI-WARE Webinars ACCIONA participated in 2 webinars in total (CLOUD, DATA, IOT, SECURITY) DSE participated in 11 webinars in total (APPS, DATA)		Acconia DSE	GE training
FIA	7.5.-9.5.13 Dublin, Ireland	Ericsson, TSSG, ESB, BAUM	Project presentation, Finesce booth, joint FINSENY workshop, FIA video blog
FIWARE training: Protocol Adapter GE	16.05.13. Webinar	SYN:	Participation in GE training
European Conference on Future Internet Services	20.05.13	Acconia	Spanish strategy in the field of Future Internet
FI-PPP information day (BMWi)	22.5.13 Berlin, Germany	BAUM	Finesce project presentation
FI-PPP Community Building Webinar	19.06.13	Insero	FI-PPP Call 3
FI-PPP DWG and EBM Group	19.6.-20.6.13	BAUM, Ericsson	Representatives of FINESCE
FI-WARE training: Publish/Subscribe Broker webinar	12.06.13. Webinar.	SYN:	Participation in GE training.
FI-WARE training: Application Mashup webinar	14.06.13. Webinar.	SYN:	Participation in GE training.
FI-WARE training: Identity Management webinar (One-IDM / NSN)	17.06.13. Webinar.	SYN:	Participation in GE training.
FIWARE training: Publish/Subscribe Broker webinar	17.06.13. Webinar	SYN:	Participation in GE training
FI-PPP 3rd Call Roadshow in Italy	27.06.13, Pisa, Italy	ENG ASM	Participation to FI-PPP event and Presentation of Phase 1 and Phase 2 results
FI-PPP Info Day in Poznan	17.9.2013	Orange Poland	FINESCE presentation
FI-PPP Steering Board	20.9.13	Ericsson RWTH	Representatives of FINESCE
FI-PPP Architecture Board meeting	24-25.09.13	RWTH	Representatives of FINESCE
FI-PPP Info day Open calls phase 2	25.9.13	Ericsson	FINESCE presentation
FI-PPP DWG Group	26.09.13	BAUM	Representatives of FINESCE

Name of meeting/ workshop	Date and place	Participants	Roles of participation
FI-PPP information days phase 3	03.- 04.10.13 Brussels, Belgium	BAUM, Ericsson	presenter
Exploitation and Business Model Working Group	20.11-21.11.13 Brussels, Belgium	BAUM	participant
Dissemination Working Group	20.11.-21.11.13 Brussels, Belgium	BAUM	participant
Metis-FINESCE 5G workshop	17.01.14 (phone)	E.ON	Representative of FINESCE / utility
ECFI 2 Organisation meeting	12.02.14 Munich, Germany	BAUM	co-organiser
ECFI-2 Organisation Meeting	20.02.14 Heidelberg, Germany	BAUM	co-organiser
FINESCE FIA 2014 – Athens (Greece),	19-20.03.14 Athens, Greece	Synelixis, Ericsson, Baum	Presenter, booth, participant
EBM WG	03.04. 14 Brussels, Belgium	BAUM	participant
Smart Grids Week	19 - 23.05.2014 Graz, Austria	WP3	Sessions audience, networking
ECFI	02.04.13, Brussels	All WP	Representing the Work Package
ECFI planning	15.05.14	BAUM	Organiser
FI-WARE training session	15.05.14, Berlin, Germany	ISW	WP2 training
ECFI planning	02.06.14 Munich, Germany	BAUM	Organiser
FIF meeting of National Representatives	01.07.14, Brussels, Belgium	Ericsson	Presented FINESCE use of GEs as an example of a Phase II use case
FIWARE Accelerator meeting	16.07.14, Berlin, Germany	BAUM	ECFI representative
ECFI exhibition planning	05.08.14 Munich, Germany	BAUM	Organiser
ECFI site inspection	19.08.14 Munich, Germany	BAUM	Organiser
ECFI	17.09.14 Munich, Germany	All WP	Representing the Work Package
Speed UP! Europe Info Day at Handelskammer Hamburg	05.09.14 Hamburg, Germany	Julian Krenge, FIR	Presentation of FINESCE in FIWARE Accelerate project's info day

Name of meeting/ workshop	Date and place	Participants	Roles of participation
NETFutures Concertation Meeting	26.09.14 Brussels, Belgium	Ericsson	Presentation of FINESCE use of GEs as an example of a Phase II use case
FIWARE: Enabling SMEs, web entrepreneurs and Developers to Enter the Future Internet	30.09.14 Brussels Belgium	Ulrich Hacker, QSC AG	Presentation of FINESCE as Use Case Project in FIWARE Accelerate project's info day
SpeedUp! Europe FIWARE Coaching	01.12. 14	FIR	Working with Phase III startups on architecture
FIWARE Technology Camp at DTU Skylab	03.12. 14	FIR	Presentation of use of FIWARE in FINESCE
Accelerate workshop	03.12. 14	BAUM	Participant
Info Day about Call for Proposals of FIWARE Accelerators organised by INCENSE	04.12.14 Bologna Italy	ENG	Presenter
Info Day about Call for Proposals of FIWARE Accelerators organised by INCENSE	04.12.14 Bologna Italy	ISMB	Attendees
IMPACT Jury Day event	18-19.12.14 Madrid Spain	XLAB	Phase III start-up applicant
FI-PPP Steering Board meeting	112-13.11.2014Berlin	EDD	Representation of project interests
FI-PPP Programme Office meeting	21.11.2014Brussels	EDD	Representation of project interests
FI-PPP Steering Board Voice Call	13.01.2014	EDD	Representation of project interests

ANNEX 2 FI-PPP Steering Board Chairperson Election Process

Version 1.0
11th April, 2013
Fiona Williams

2.1 Purpose and context of this document

The FI-PPP Collaboration Agreement states that the Chairperson of the Steering Board should be elected annually. Section 3.1.3 (i) of the FI-PPP Collaboration Agreement states that:
"The chairman of the Steering Board shall be elected annually from within the group of members of the Steering Board. The chairman of the Architecture Board and of the Steering Board cannot represent the same FII Project and must represent different Parties (whereby Parties in the foregoing sense include Affiliates)."
The mid-term assessment report of the FI-PPP proposed that it could be useful to elect a Chairperson who is not the project manager of an FI-PPP project. This could help ensure that conflicts of interests by candidates can be avoided. Recommendation No. 7 in the mid-term assessment refers to the Steering Board Chair:

7	The chairman of the Steering Board should be a senior executive of a company that is not a co-ordinator of any FI-PPP project.	June 2012

The new governance model does not make statements on the election of the SB chair. Thus, both members of the Steering Board and non-members should be eligible to stand for election. The following election procedure is defined to implement these conditions and to provide a secret, balanced and simple election ballot process.

2.2 Declaration of candidature and publication of the list of candidates

The secretary of the Steering Board sends an email to all participants in the Steering Board requesting them to propose candidates for election to the position of a Chairperson of the Steering Board by a deadline three weeks in advance of the election at a face to face meeting of the Steering Board. The secretary then sends the compiled list of candidates with their affiliations to the Steering Board members for consideration a minimum of two weeks before the election is to take place.
Assigning voting rights proportional to the budgets of the projects ensures that a tied vote is not a possible outcome of the election. If the budgets of the projects are rounded then it is easy to organise a secret vote for the election as proposed below. Objections to any proposed candidates need to be made known to the secretary within 5 working days of receiving the list of candidates.
The secretary distributes voting rights to the Steering Board projects proportional to the rounded overall budgets of the projects in the form of voting papers, to be submitted to the secretary at the time of the election.

2.3 Organisation of the election:

On the day of the election, the secretary ensures that each project is represented and that proxies have an appropriate power of attorney from the relevant project coordinator. Projects can appoint proxies to vote on their behalf by notifying the secretary of their intention to appoint a proxy before the election.
The secretary ensures that all projects are aware of the valid list of candidates and requests projects to provide him or her with the completed voting papers.
The secretary appoints a neutral person to check the counting of the votes. The votes are counted according to weighted voting based on project budget and the secretary announces the result of the election to the Steering Board members. The elected chairperson is then requested to take over the role of chair of the Steering Board with immediate effect for the period of one year or at the following meeting if the elected person is not present at the election.

2.4 Voting rights:

Voting rights are proportional to the overall budget of the projects. This means that the smallest value of a voting right is the budget of the smallest project in the set of the projects in the Steering Board. Larger projects receive multiple voting rights, each printed on separate sheets of paper, according to their multiple of the smallest budget of the set of projects. Voting papers will be issued in relation to multiples of the smallest budget of the set of projects so all voting papers will have identical rights. Projects with bigger budgets receive more voting papers than smaller ones. To enable a simple secret vote, voting rights can be rounded to the nearest million Euro budget.
For example, the list of projects currently entitled to vote in the 2013 election, together with their budgets and voting rights, allowing for project extensions of Phase I projects, is as follows:

Project Name	Budget in millions of Euro (rounded)	Voting rights (rounded)
FI-WARE	41	14
CONCORD	6	2
INFINITY	3	1
C-SPACE	20	7
E-STAR	20	7
FINESCE	20	7
FITMAN	20	7
FI-CONTENT II	20	7
XiFi	13	4