COOPERATION

THEME 3

ICT – INFORMATION AND COMMUNICATIONS TECHNOLOGIES

Proposal full title: **Future Internet Impact Assurance**

Proposal acronym: **FIMPACT**

Project number: 632840

Type of Funding Scheme: **Support Action (SA)**

Work programme objective addressed: **FI.ICT-2013.1.9**

Title: ***D4.1 Initial Online Library of Templates and Services***

Contractors:

Part No.	Participant Organisation Name	Part. Name	Short	Country
1(Co)	International Data Corporation Italia	IDC		IT
2	International Data Group UK	IDG		UK
3	Bluegreen Strategy	BGS		IT
4	Sustainable Finance Consulting	SFC		DE
5	IIMC International Information Management Corporation Ltd	IIMC		IRL
6	Jozef Stefan Institute	JSI		SLO

Executive Summary

This document is the accompanying report to deliverable D4.1 - D4.1 Initial Online Library of Templates and Services which is an output type deliverable that is being published on the FI-IMPACT's project website.

Firstly, the report describes what kind of repositories have been deployed, namely a public repository containing relevant information entities for accelerators and other FI-PPP Phase 3 stakeholders, and a restricted repository which contains documents and information entities for consortium internal use. Secondly, the report contains a description of the information entities acquisition process, thus showing from which sources the entities have been and will be collected. Thirdly, this document lists the structures used for modelling the repositories. The public repository is structured as a searchable database, as well as categorised with tags in order to increase the discoverability of information entities. The restricted repository uses meta-data fields and a database storage space. Finally, this document shows how the library is linked with the online self-assessment tool. The tool is a web-based instrument for SMEs, Web Entrepreneurs, and the general FI-PPP / FI-Ware community, developed in work package 2 of FI-IMPACT.

Disclaimer

Index

List of Figures

1. Introduction

This document is the accompanying report to deliverable D4.1 - *D4.1 Initial Online Library of Templates and Services* which is an output type deliverable that is being published on the FI-IMPACT's project website.

In the context of work package four this deliverable is part the project's efforts to cope with the vast number of FI-PPP projects and provide a consolidated service which gives the involved stakeholders online access to documentation, tools, data and other relevant facilities. This deliverable is also an initial step to collect a wide range of possible documents for the analytics and visualization methods developed by JSI and carried out in work package one. Additionally, the published online library is an entry point for involved accelerators to offer services and documentation which is standardised, well recognized, and comparable.

This deliverable describes the structure of the online repository. The filling of the repository with a broad range of materials will be finished in month nine of the project. Updates and extensions will be performed during the whole lifespan of the project.

1.1. Scope of the Deliverable

The Initial Online Repository is being created in order to collect relevant knowledge to support the development of innovative products and business models in the Future Internet domain, and make this knowledge accessible and usable by the community of target users. The online library is structured in a way so that it can be used to organise information and content from relevant sources, covering all stages of FI product development:

I. Demand and market knowledge, coming from the EU and global market analysis and impact assessment carried out in work package two.
II. Future Internet value-chains knowledge, gathered in work packages two and three by studying the FI-PPP results, the participating companies, their products, services and relationships.
III. Approaches and methods to design innovative business models, covering the entire process from idea conception, to value proposition formulation to business modelling, business planning and IPR management.
IV. Case studies and examples, illustrating concrete realization of successful solutions and business models in the FI domain.

The reference library is made available through the FI-IMPACT webpage provided by work package one. It serves as a hub for the FI-PPP entrepreneurial community, where users are able to search and access contributed knowledge and experiences in a trusted environment, and gain access to more advanced forms of support provided by other tasks. The library is being launched early in the project (month 6), as soon as an initial set of relevant knowledge is available, and will be constantly updated and maintained until the end of the project.

1.2. Intended Audience and Reading Suggestions

This document is mainly intended for four categories of users:

- Project partners

Project consortium partners whose intent it is to find a reference about the implementation of the online library, especially finding information and documentation regarding the goals behind the structure of the online repository

- EU commission services
  EU commission services, whose intent it is to evaluate the project's findings, the structure of the used approaches and for other miscellaneous reporting related activities
- FI-PPP accelerator projects, infrastructure owners and other end users
  FI-PPP accelerator projects, infrastructure owners and other end users, whose intent it is to get insight into the structure of the repository, its scope and intents. This document can also be seen as a chance for mentioned target group to propose additional improvements and refinement of the repository.
- General public
  The general public, which can find information related to the supporting projects of the FI-PPP space, as well as basis for justification of spending of public money

2. Approach and Methodology

2.1. Types of the Online Repository

The FI-IMPACT Initial Online Library of Templates and Services differentiates between two types of repositories:

- Public Repository
  The public repository is available to all the relevant people in the FI-PPP target groups and is available online at http://fi-impact.net/page/library/.
  The repository contains all documents and links to services which are collected by FI-IMPACT consortium members. The documents included are publicly available documentation, call texts of accelerators, guides for applicants, statistics, and other relevant documentation such as services and tools for innovation, business sustainability, market development, business plan development, FI-WARE Generic Enablers, or similar. A detailed categorisation of contents can be found in the next chapter.
- Restricted Repository
  The restricted repository contains all the information and documents of the public repository. Additionally, it contains information entities which are not publicly available and for which the FI-IMPACT consortium does not have the proper IPR rights to publish or link them. The goal of this restricted repository is to gather information for automated, semi-automated, and manual studies carried out by other work packages. The listed documented information entities consist for example of presentations, pitch-talks, draft documents, and similar. It is important to notice that this repository is only intended for consortium members. A detailed categorisation and structure of the repository can be found in the next chapter.

In addition, the public repository is linked with the online self-assessment tool of work package 2. The tool is a web-based instrument for SMEs, Web Entrepreneurs, and the general FI-PPP / FI-Ware community. The methods and goals of linking the two sites together are described in section 3.3 of this document.

2.2. Information Entities Acquisition Process

In order to be able to publish an adequate range of information entities in the public as well as restricted repository, FI-IMPACT foresees the following sources for the information entities acquisition process:

- Online research in the FI-PPP ecosystem
  The FI-PPP consortium members are continuously collecting, listing and/or linking relevant documents, templates and services which are available online within the FI-PPP ecosystem.
- Direct exchange with accelerators
  Direct exchange, i.e. at specialised events or via mail / phone, with accelerators grants the FI-IMPACT consortium access to information entities which are not available online. Additionally, the direct exchange with the accelerators can increase the update cycles of changing information entities.

In order to stay in touch with all the accelerators, every consortium member of FI-IMPACT is assigned a number of accelerators, with whom they frequently exchange the most recent news and changes in available documentation, from open calls over collected proposals to statistics.

- Collection of information on specialised online platforms
  Online platforms which have been set-up specifically for exchange between FI-PPP ecosystem members, accelerators, and support actions, are regularly scanned for relevant documentation and other information entities. The main online platform at the time of writing of this document is the online space on the Basecamp[1] web portal.

- Selection of relevant (online) services
  Online services which are directly of potential interest to the FI-PPP Phase 3 are collected by the FI-IMPACT consortium members. The services listed, linked and collected by this process include services and templates regarding market development, business models, European context of business models, International contexts of business models, demand management, business sustainability, business continuity, IPR, and other miscellaneous consultation services. The goal hereby is to find services, templates and documentation with which accelerators can support their funded projects.

---

[1] Available online at: https://basecamp.com/2125738/projects/6480330

3. Results

3.1. Structure of the public part of the online repository

In accordance with the goals of Task 4.1 (see introduction of this document), the online materials are structured as follow.

The FI-IMPACT Library is a public repository[2] that provides access to relevant Future Internet-related reports, information about FIWARE, and deliverables.

The FI-IMPACT Library aims to provide members of the FI-PPP community with access to deliverables from FI-PPP Phase 1, 2 and 3 projects (as available), reports related to Future Internet Markets, Feasibility and Social Benefits and web links to relevant external resources.

This paper based report provides an overview of the types of content, content domains and tag hierarchy implemented in the Library.

The Library is structured around five specific content domains, which are relevant to the FI-PPP Phase 3 community: Market Focus, Feasibility, Social Benefits, Innovation and Future Internet and four tag domains: technology, business, innovation and markets.

Visitors can search the Library by title, author/project, source, document type, content domain and tag domains.

Members of the FI-PPP Phase 3 community are actively encouraged to provide materials for publication in the Library.

The FI-IMPACT Consortium have sourced and identified relevant reports and web links for inclusion in the Library. At the request of the European Commission, some deliverables previously published on Cordis related to FI-PPP Phase 1 and 2 projects were classified and included in the Library to ensure easy access by community members. In addition, the library contains documents, videos, and presentations which have been made available by the XIFI project (see XIFI libary[3]). Over time new documents and reports will be accessible through the Library.

As documents are sourced the following meta-data is captured for inclusion in the Library:

- Document Title
- Author/Project
- Source
- Publication date
- Document Type: Deliverable, Paper, Report, Standard, Study, Template, Web Resource

---

[2] http://fi-impact.eu/page/documents/library/

[3] https://www.fi-xifi.eu/publications.html

- Content Domain: Market Focus, Feasibility, Social Benefits, Innovation and Future Internet

- Tag Domains: Technology, Business, Innovation, Markets

A tag based categorisation system has been deployed to allow users to quickly gather insight what they can expect from a particular information entity. The tag categorisation is an extension of the main categorisation, allowing for increased discoverability of the information entities. An overview of some of the tags used for the FI-IMPACT Library are provided in Figure 1.

The tags are split into four mains groups, which are colour-coded to facilitate accessibility. The groups are *Technology, Business, Innovation,* and *Markets*.
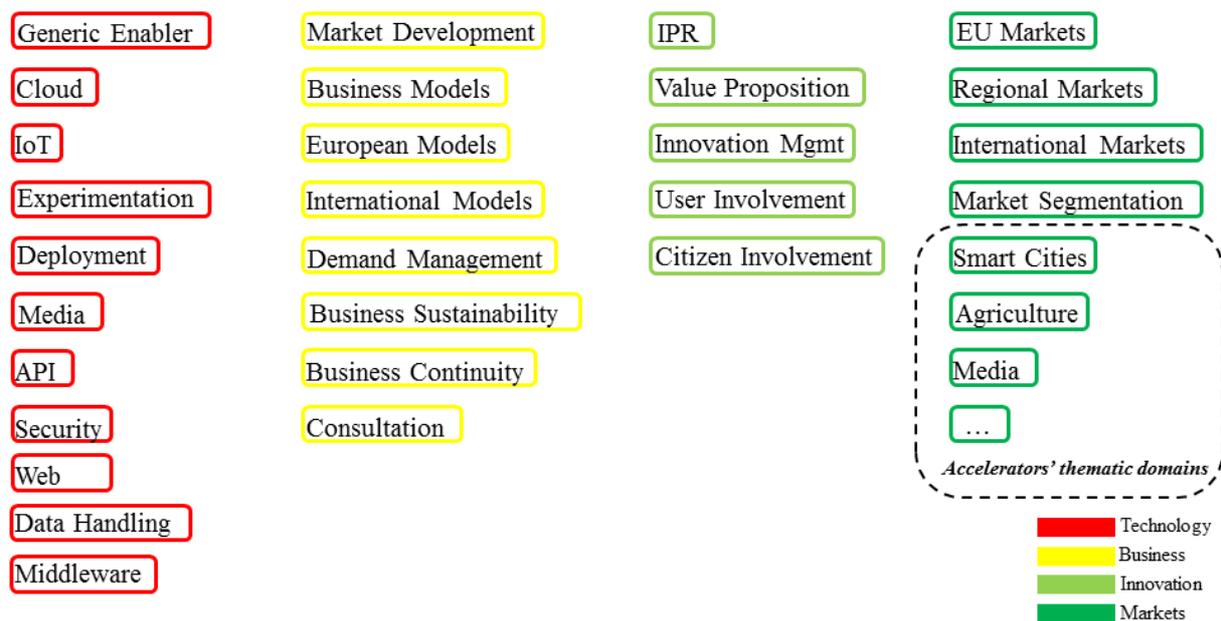
Figure 1: Overview of Tags used in FI-IMPACT Library

The FI-IMPACT Library is a searchable repository to allow users to quickly identify reports and deliverables of interest.

The search is based on the meta-data used to classify documents:

- Title
- Author/Project
- Source
- Publication date
- Document Type
- Content Domain
- Tag Domains

The user can select multiple categories are outlined in Figure 2 below or search by tabs (Figure 3). By default the search results are sorted based on displaying the most recent publication first.

FI-IMPACT Library

The FI-IMPACT Library provides access to reports, information about FIWARE, and deliverables related to Future Internet Markets, Innovation and Social Benefits. If you wish to provide materials for publication, please contact secretariat@fi-impact.eu

Please select the search criteria based on the parameters outlined below to retrieve documents from the Library.

Document Search

Title: [   ]

Author / Project: [   ]

Source: [   ]

Document Type: [Deliverable ▼]

Content Domains:
- ☐ Market Focus
- ☐ Feasibility
- ☐ Social Benefits
- ☐ Innovation
- ☑ Future Internet

Tag Domains:
- ☐ Technology
- ☐ Business
- ☐ Innovation
- ☐ Markets

[Submit]

Documents

D2.1 Scenarios, functional and technical specifications release 1 (Social Connected TV Platform)

Author / Project: FI-CONTENT 2   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Sun 31 Aug 2014   Tags: Media, Specifications, Media

D5.6 Future Internet roadmap and proposals for sustainability (v3)

Author / Project: INFINITY   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Sun 29 Jun 2014   Tags: Infrastructure, Roadmap, Business Sustainability

D11.1 FITMAN dissemination action plan and implementation including FI PPP collaboration (1st edition)

Author / Project: FITMAN   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Fri 09 May 2014   Tags: Manufacturing, Stakeholder Engagement

INFINITY Final Report

Author / Project: INFINITY   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Tue 29 Apr 2014   Tags: Infrastructure, Stakeholder Engagement

D6.1 Architecture specification (Technology Enablers)

Author / Project: FI-CONTENT 2   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Mon 28 Apr 2014   Tags: Media, Architecture, Media

D5.4 FITMAN Technical / Business Indicators for Digital Factory

Author / Project: FITMAN   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Mon 28 Apr 2014   Tags: Manufacturing, Specifications

D6.4 FITMAN Technical / Business Indicators for Virtual Factory

Author / Project: FITMAN   Document Type: Deliverable
Source: Cordis   Content Domain: Future Internet
Publication date: Wed 23 Apr 2014   Tags: Manufacturing, Specifications

Figure 2: FI-IMPACT Library Search Results

FI-IMPACT Library

The FI-IMPACT Library provides access to reports, information about FIWARE, and deliverables related to Future Internet Markets, Innovation and Social Benefits. If you wish to provide materials for publication, please contact secretariat@fi-impact.eu

Please select the search criteria based on the parameters outlined below to retrieve documents from the Library.

Document Search

Title:	[ ]
Author / Project:	[ ]
Source:	[ ]
Document Type:	[--------- ▼]
Content Domains:	☐ Market Focus ☐ Feasibility ☐ Social Benefits ☐ Innovation ☐ Future Internet
Tag Domains:	☐ Technology ☐ Business ☑ Innovation ☐ Markets
Tags:	Innovation ☑ Citizen Involvement ☑ Innovation Management ☑ IPR ☑ User Involvement ☑ Value Proposition

Submit

Documents

Innovation Bank - Co-creative IP exchange (link)

Author / Project: Document Type: Web Resource
Source: Innovation Bank Content Domain: Future Internet
Publication date: Mon 01 Dec 2014 Tags: IPR

Creative Commons – Licenses and more (link)

Author / Project: Document Type: Web Resource
Source: Creative Commons Content Domain: Future Internet
Publication date: Mon 01 Dec 2014 Tags: IPR

ValueMap Innovation Tool Video (link)

Author / Project: P Paganelli, V Boschian Document Type: Web Resource
Source: Bluegreen Strategy srl Content Domain: Future Internet
Publication date: Thu 16 Oct 2014 Tags: Innovation Management, Consultation, Business Models

exnovate - New Frontiers in Open Innovation (link)

Author / Project: H Chesbrough, W Vanhaverbeke, J West (Eds) Document Type:
Source: Exnovate Content Domain: Future Internet
Publication date: Tue 30 Sep 2014 Tags: Citizen Involvement, User Involvement, Innovation Management, Market Development

Introduction to Valuemapp

Author / Project: P Paganelli, V Boschian Document Type: Paper
Source: Bluegreen Strategy srl Content Domain: Future Internet
Publication date: Tue 29 Jul 2014 Tags: Innovation Management, Consultation, Business Models

A Framework for Strategic Innovation

Author / Project: Derrick Palmer, Soren Kaplan Document Type: Report
Source: InnovationPoint LLC Content Domain: Innovation

Figure 3: FI-IMPACT Library Search by Tags

3.2. Structure of the restricted section of the online repository

The restricted section of the online repository is modelled around a database containing – besides the information entities themselves – the following meta-data fields:

Meta-data field	Description	Possible Values (if restricted)
Entity Type	Describing the kind of the information entity, also indicating whether the entity is available as text or in another structured form	*Text* *Spreadsheet* *Presentation* *Other*
Entity Location	The location of the entity (i.e. server location with directory path)	-
Source	Where the entity has been collected	-
Date	When the entity has been collected	-
WP Context	The work package context of the information entity, i.e. for which of FI-IMPACTS activities the entity is relevant	*WP1* *WP2* *WP3* *WP4* *WP5*
Document Type	Describing the type of the contents of the information entity	*Call Text* *Proposal* *Documentation* *Statistics* *Report* *Guidelines* *IPR Agreement* *Dissemination* *Business Model* *Pitch* *Other*
Accelerator Context	If available: context in which the information entity was created or collected	-

An extract of the database is shown in Figure 4. To ensure the proper ease-of-access for all consortium members the repository is made available via Box online Cloud storage space.

File Type	File Location	Source	Date	WP-Context	Responsible Partner	Document Type	Accelerator Context
Presentation	01 Accelerators_FI-LINKS NEM Summit 2014.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FI-LINKS
Presentation	07 1 FIWARE Accelerators %28Nuno Varandas%29_Theo.pptx	BaseCamp	15/10/2014	WP4	SFC	Documentation	
Presentation	ECFI_99secondspitch_CreatiFI.pptx	BaseCamp	15/10/2014	WP4	SFC	Pitch	
Presentation	ECFI-2-FInish-2-Slides.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Spreadsheet	Events overview - call dissemination Q4 2014 %281%29.xlsx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	FIB_Presentation_2014-09-04.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	FICHe_two_slides.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FICHe
Presentation	FINODEX_GeneralPresentation_EN -Myrna Rdgz.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FINODEX
Presentation	FINODEX_GeneralPresentation_EN_ICTProposersDay.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FINODEX
Spreadsheet	FIWARE Generic Enablers IPR.xlsx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	FI-WARE_ Social Media strategy.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	FIWARE_LOGO_GUIDELINES_v1.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	FRACTALS -2 slides.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FRACTALS
Presentation	FRACTALS_ECFI_Munich.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FRACTALS
Presentation	FRACTALS_ICT_Florence_final.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FRACTALS
Presentation	FrontierCities_OverviewPPP_V.04.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	FrontierCities
Text	I3H D1.1.1 Definition of Internet Innovation Hub.pdf	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	IMPACT-FIRENZE102014.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	INCENSe_ECFI_Munich_99sec_20140917.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	INCENSe
Other	infog-fiware-accelerate.jpg	BaseCamp	15/10/2014	WP4	SFC	Dissemination	
Presentation	Short ppt-SmartAgriFood.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	SmartAgriFood2
Presentation	VC EC-A16 %28011014%29.pptx	BaseCamp	15/10/2014	WP4	SFC	Dissemination	

Figure 4: Extract of the restricted repository

3.3. Providing supporting documentation for the online self-assessment tool

The online self-assessment tool is a web-based instrument for SMEs, Web Entrepreneurs, and the general FI-PPP / FI-Ware community. The tool is developed by FI-IMPACT and a detailed description of the tool can be found in *D2.1 Impact Assessment Guidebook* and *D4.2 FI‐IMPACT Future Internet Validation Web‐based Instruments – User Guide.*

The tool visualises assessment results to its users. If the result for specific category (e.g. innovation, market, feasibility, or social impact) falls below a certain threshold, the tool presents pre-selected entries of FI-IMPACT's public library to the user.

The pre-selected entries are directly linking to FI-IMPACT's public online library, allowing the user to gather information regarding relevant (online) services, tools and documentation. As the self-assessment tool is providing scorings on specific parameters which should encourage supported projects to measure and self-evaluate their own potential, the tool's users need to be able to interpret the parameters properly. As the library entries are tagged with the same tags as described in section 3.1 of this document, users can search and find similar documents in the public repository.

For specific parameters of the online-self assessment tool other online tools might exist which can help supported projects in improving the impact described in the parameter. Examples for such online tools are innovation focus tools, exploitation related tools, or FI-WARE specific tool-sets. Linking the tool with descriptions and documentation of these tools will help the supported projects to select, compare and use targeted online tools and services which are useful for impact generation for their individual cases and particular needs.