



Smart Objects For Intelligent Applications

# D 7.44 Dissemination and Exploitation Report

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## 1. Introduction

The aim of this dissemination & exploitation report is to include concrete contents of the project activities during the second year (2010). This document includes listing of the events participated or organized by the project; publications targeted by project partners; standards fora and SOFIA Community involvement; and releases informing the public of the project progress, etc.

WP7 leader has developed a tool to ease partners' task of forwarding contributions to communicate the efforts carried out during the project, having a reporting unique style. In this sense, SOFIA will be capable of divulging project figures, statistics and impact of the project in a more accurate manner.

The objective of this document is to report the progress on the project exploitation and dissemination activities programmed in the Dissemination and Exploitation Plan.

During the twelve months from January 2010 to December 2010 the project has progressed as follows in relation with:

- Standardization
- Press releases and events visibility by the project consortium
- Public deliverables by WP
- Dissemination by the SOFIA project partners
- Exploitation by the SOFIA project partners

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## 2. Dissemination by the SOFIA project

### *Standardization*

Standardization efforts have been discussed during the General Meeting in Finland, both NoTA and M3 platform has been drawn as completed till now. SOFIA partners agreed to focus their standardization related efforts on the SOFIA Community, which will provide a set of tools to developers always meeting standardization. This information would be more concise towards the end of the project once standards can be met by SOFIA results.

Date	Standard	Status	Details	Links
01/10/2009	NoTA standard	Completed	Apply NoTA standard to create platform for SOFIA middleware	<a href="http://www.notaworld.org/open_architecture">http://www.notaworld.org/open_architecture</a>
25/09/2009	M3 platform	Completed	Smart-M3 is a functional platform that provides a cross domain search extent for triple based information. Smart-M3 enables smart cross domain applications that rely on information level interoperability	<a href="http://sourceforge.net/projects/smart-m3/">http://sourceforge.net/projects/smart-m3/</a>

### ***Press releases and events visibility by the project consortium***

The project consortium intends to publish press releases to accompany its milestones and to raise attention towards the publicly visible demonstrations and deliverables. Nokia as coordinator is the responsible for the above mentioned press releases. In addition to press releases by the individual project partners, releases are planned in the name of the whole consortium as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t9-12	Press release	<b>Completed</b>	Presentation of the SOFIA goals and plans and the upcoming (or already presented) demonstrations, and technology availability	NoTA Conference, SOFIA project and Smart-M3 open source launch, San Jose. Artemis/ITEA2 co-summit & exhibition, Oct 29-30 Madrid.  <b>Audience Nature:</b> Industrial + Academic - International  <b>Audience Size:</b> Call 2008 ARTEMIS + ITEA projects representatives + public authorities...
t18	Press release	<b>Completed</b>	Description of the first demonstrators based on IOP	
t24	Press release	<b>Completed</b>	Logical reference architecture and how it improves the way in which interoperable devices and applications can be developed	
t30	Press release	Planned	Description of the upcoming trial and the technologies developed and integrated for it during the SOFIA project	
t36	Press release	Planned	Report on the success of the SOFIA trial, projections on the adoption of technology, and advertisement of any continuation activities	

In addition, the consortium has presented posters and demonstrators at conferences and industrial fairs, and aims at organizing workshops on smart spaces collocated with major conferences and events.

Uniform communication material has been provided for use in press releases, exhibitions and piloting venues; or for references in professional or scientific publications.

### **Public deliverables by WP1**

Work package 1 has produced public deliverables as follows:

Time	Type	Status	Contents	Details/ Progress
t9	Demo	<b>Completed</b>	Personal Space use cases, corresponds to D1.21 and D1.31. Coincides with open source release of M3 baseline	Demo presented in NoTA conference 30.9.-1.10.2009  Open source release of M3 baseline link: <a href="http://sourceforge.net/projects/smart-m3/">http://sourceforge.net/projects/smart-m3/</a>
t12-24	Demo(s)	<b>Completed</b>	Personal Space use cases, to be decided	
t18	D1.31	<b>Completed</b>	Specification and implementation of WP5, update of the baseline with Personal Space use cases linked with the above public demo	
t33	D1.32	Planned	Specification and implementation of WP5, update of the baseline with Personal Space use cases	
t33	D1.41	Planned	Demonstration of personal environment use cases and SOFIA application development environment	
t36	D1.51	Planned	Final integrated trial and dissemination	

### **Public deliverables by WP2**

Work package 2 has produced public deliverables as follows:

Time	Type	Status	Contents	Details/ Progress
t21	D2.22	<b>Completed</b>	Generalized criteria to specify configure, host and optimize home specific services	Possible if first trials or pilots have been performed to assess criteria
t30	D2.14	Planned	Use cases demonstration, results	Plan is to do the demonstration in different pilots for different

			evaluation and impact assessment	interesting parties at different locations
t30	D2.32	Planned	Adapters for interoperable connectivity and service discovery in smart indoor spaces	Possible if first trials or pilots have been performed to test the adapters
t30	D2.41	Planned	Concept demonstrators of user-system interaction solutions	Will be included in pilots defined in D2.14
t30	D2.52	Planned	Smart technologies for OIP	Will be included in pilots defined D2.14

### ***Public deliverables by WP3***

Work package 3 will produce public deliverables as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t30	D3.55	Planned	Final prototype of the Smart City surveillance	
t30	D3.56	Planned	Final prototype of the Smart City public infrastructure	
t30	D3.57	Planned	Final prototype of the Smart City infoservice	

### ***Public deliverables by WP4***

Work package 4 has produced public deliverables as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t3	D4.11	<b>Completed</b>	Description and Assessment of Interaction Tool Set	
t6	D4.21	<b>Completed</b>	Analysis of Scenarios, Extracting of Technical Requirements	

### **Public deliverables by WP5**

Work package 5 has progressed regarding public deliverables as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t12	D5.11	<b>Completed</b>	Interoperability platform principles	Completed on time
t12	D5.21	<b>Completed</b>	Interoperable service architecture	Completed on time
t24	D5.22	<b>Completed</b>	Logical reference architecture	
t18	D5.31	<b>Completed</b>	Design of quality management services	Completed in time
t36	D5.33	Ongoing	Enforcement support	Under work, estimated readiness 70%.
t6	D5.41	<b>Completed</b>	Feasibility evaluation plan	Completed until t16.
t36	D5.42	Ongoing	Reference implementation of the interoperability platform	<p>Smart-M3 published, several KPs implemented and shared with partners. Open source release of M3 baseline link:  <a href="http://sourceforge.net/projects/smart-m3/">http://sourceforge.net/projects/smart-m3/</a></p> <p>KPI_low in Ansi C published at  <a href="http://sourceforge.net/projects/kpilow/">http://sourceforge.net/projects/kpilow/</a></p> <p>Java-KPI to be published as an Open Source project of sourceforge.</p>

### ***Public deliverables by WP6***

Work package 6 has produced public deliverables as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t12	D6.34	<b>Completed</b>	ADK environment and developer tools public release	
t12	D6.41	<b>Completed</b>	SOFIA Community Oriented Strategy	Submitted
t24	D6.42	<b>On-going</b>	SOFIA Community Web	
t36	D6.43	Planned	SOFIA roadmap; maintenance and best practices for a long and healthy future	

### ***Public deliverables by WP7***

INDRA, as WP7 leader, has produced the scheduled public deliverables as follows:

<b>Time</b>	<b>Type</b>	<b>Status</b>	<b>Contents</b>	<b>Details/ Progress</b>
t12	D7.43	<b>Completed</b>	Dissemination and exploitation report	Document presented and approved
t18	D7.43 (t18)	<b>Completed</b>	Dissemination and exploitation report	Completed and presented  Additional deliverable
t24	D.7.49	<b>Completed</b>	Demos & Small Scale Pilots Catalogue	Additional deliverable
t24	D7.44	<b>Completed</b>	Dissemination and exploitation report	Present report
t24	D7.11	<b>Completed</b>	Pilot Use case definition	
t35	D7.46	Planned	Evaluation of demonstration	
t36	D7.48	Planned	Dissemination and exploitation report	

### 3. Dissemination by the SOFIA project partners

Project partners have disseminated the SOFIA results and have utilized the SOFIA project in external communication as follows:

#### 3.1. Nokia

Wide Public Dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
28/04/2010	Presentation	Completed	Smart hands-on training II  Attachments: <a href="http://94.126.241.18/reporting/A45/Smart-M3%20hands%20on%20training%20II.pdf">http://94.126.241.18/reporting/A45/Smart-M3%20hands%20on%20training%20II.pdf</a>	FRUCT program Audience Nature: International Audience Size: <i>Info. No provided</i>	
29/04/2010	Presentation	Completed	Smart-M3 Information Sharing Platform  Attachments: <a href="http://94.126.241.18/reporting/A46/Smart-M3%20Information%20Sharing%20Platform%20FRUCT.pdf">http://94.126.241.18/reporting/A46/Smart-M3%20Information%20Sharing%20Platform%20FRUCT.pdf</a>	FRUCT program Audience Nature: International Audience Size: <i>Info. No provided</i>	
22/06/2010	Paper	Completed	Smart-M3 Information Sharing Platform  Attachments: <a href="http://94.126.241.18/reporting/A39/Smart-M3%20Information%20Sharing%20Platform.pdf">http://94.126.241.18/reporting/A39/Smart-M3%20Information%20Sharing%20Platform.pdf</a>	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
23/08/2010	Paper	Completed	Integration of an answer set engine to Smart-M3  Attachments: <a href="http://94.126.241.18/reporting/A40/Integration%20of%20an%20answer%20set%20engine%20to%20Smart-M3.pdf">http://94.126.241.18/reporting/A40/Integration%20of%20an%20answer%20set%20engine%20to%20Smart-M3.pdf</a>	ruSMART2010 [23/08/2010] Audience Nature: International Audience Size: <i>Info. No provided</i>	

Date	Type	Status	Description	Channels & Audience	Other Info
26/10/2010	Demo	Completed	Demo Video "Smart maintenance scenario"  Comments: CCC has produced a video describing the smart maintenance scenario in a real environment: The video has been realized in the CCC offices headquarter. This acts as a preliminary representation of the service level platform for WP2. The video has been already completed during the 2nd Review meeting in Brussels and will be used to promote SOFIA in dissemination events at public level.	ARTEMIS & ITEA Co-Summit 2010 [26/10/2010] Audience Nature: International Audience Size: General: 169 Academic: 250 Industrial: 181	
04/11/2010	Presentation	Completed	Presentation at ECOMONDO 2010  Comments: The presentation of the first results of Sofia application domain has been insert in a COOPERAMBIENTE expo inside to the ECOMONDO Exposition  Attachments: <a href="http://94.126.241.18/reporting/A474/SOFIA_Valerio%20Nannini.pdf">http://94.126.241.18/reporting/A474/SOFIA_Valerio%20Nannini.pdf</a>	ECOMONDO 2010 [03/11/2010] Audience Nature: International Audience Size: General: 50 Academic: 20 Industrial: 30	
30/12/2010	Internal Meeting	Completed	Internal promotion  Comments: Internal promotion to all 230 construction companies related to the CCC consortium (big companies and SME)	CCC consortium Audience Nature: National Audience Size: <i>Info. No provided</i>	

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.2. **Acciona Infraestructuras**

*No scheduled activities to be completed during 2010*

### 3.3. **Consorzio Cooperative Costruzioni**

Wide Audience dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
17/03/2010	Demo	Completed	Demo Video "Smart maintenance scenario" 2nd Review		Structural

			<p>Comments: CCC has produced a video describing the smart maintenance scenario in a real environment: The video has been realized in the CCC offices headquarter. This acts as a preliminary representation of the service level platform for WP2. The video has been already completed during the 2nd Review meeting in Brussels and will be used to promote SOFIA in dissemination events at public level.</p>		
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### 3.4. **Conante**

Wide Audience dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
17/03/2010	Demo	Completed	<p>Demo Video "Smart maintenance scenario" 2nd Review</p> <p>Comments: CCC has produced a video describing the smart maintenance scenario in a real environment: The video has been realized in the CCC offices headquarter. This acts as a preliminary representation of the service level platform for WP2. The video has been already completed during the 2nd Review meeting in Brussels and will be used to promote SOFIA in dissemination events at public level.</p>		Structural

### 3.5. **Ecole Polytechnique Fédérale de Lausanne**

*No scheduled activities to be completed during 2010*

### 3.6. **Elsag Datamat**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
31/05/2010	Press Release	Completed	Published an article in May on a Finmeccanica's group magazine EDLink (issue number 35, pages 19-21) describing the SOFIA project, its outcomes and possible future applications.	EDLink Audience Nature: National Audience Size: General: 0 Academic: 0 Industrial: 3500	

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/11/2010	Presentation	Completed	FINMECCANICA'S ARTEMIS group meeting  Attachments: <a href="http://94.126.241.18/reporting/A545/SOFIA%20FinMeccanica%20ARTEMIS%20Meeting%2030-11-2010.pdf">http://94.126.241.18/reporting/A545/SOFIA%20FinMeccanica%20ARTEMIS%20Meeting%2030-11-2010.pdf</a>	FINMECCANICA management Audience Nature: National Audience Size: General: 0 Academic: 1 Industrial: 10	UNIBO attended the meeting
1/12/2010	Internal Meeting	Completed	Presented SOFIA project to a number of technicians in the ICT division in Elsag Datamat, by starting an open discussion about the project outcomes and the future applications.	ED divisional & company manag. Audience Nature: National Audience Size: General: 0 Academic: 0 Industrial: 5	
2/12/2010	Demo	Completed	Deployment of a video, produced after the 3rd Review Meeting in Rome, about SOFIA Project, with interviews to Project Officer, Project Coordinator (NOKIA) and three industrial partners from the three different areas of interest (CRF for WP1, CCC for WP2, ED for WP3).  The video is shown daily (in round robin with other videos) on flat screens on the halls of all the main sites of Elsag Datamat in Italy. Moreover, the video is visible by employers on the intranet WebTV and accessible by anyone on Internet.  URL : <a href="http://edvmi.elsagdatamat.com/edtv/fullscreen.aspx">http://edvmi.elsagdatamat.com/edtv/fullscreen.aspx</a>	ED WebTV. Audience Nature: Mainly National Audience Size: More than 3000 employees, a couple of thousands of consultants, and a not specified number of customers and visitors (from industry, academy and final clients)	

### 3.7. *European Software Institute - Tecnalía*

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
03/06/2010	Poster	Completed	SiSS 2010	SISS 2010 [22/06/2010] Audience Nature: National Audience Size: General: 15 Academic: 10 Industrial: 15	
04/06/2010	Demo	Completed	2010 ESI@Net (Network) (Spain)  URL: <a href="http://www.esi.es/index.php?hl=&amp;op=8.2">http://www.esi.es/index.php?hl=&amp;op=8.2</a>	ESI@Net [01/06/2010] Audience Nature: International Audience Size: General: 300 Academic: 10	

				Industrial: 70	
22/06/2010	Demo	Completed	ADK  URL: http://www.sofia-project.eu/node/344  Attachments: http://94.126.241.18/reporting/A421/ADK%20-%20ESI.jpg	SISS 2010 [22/06/2010] Audience Nature: National Audience Size: General: 15 Academic: 10 Industrial: 15  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15	
23/06/2010	Demo	Completed	SiSS 2010	SISS 2010 [22/06/2010] Audience Nature: National Audience Size: General: 15 Academic: 10 Industrial: 15	
16/09/2010	Presentation	Completed	Sofia presentation to ABB  Comments: Sofia capabilities presentation to ABB company  Attachments: http://94.126.241.18/reporting/A565/Ambient%20Intelligence%20SDK.zip	ESI@Net [01/06/2010] Audience Nature: International Audience Size: General: 300 Academic: 10 Industrial: 70	
09/11/2010	Demo	Completed	Eclipse Embedded day  Comments: Sofia demo.  URL: http://www.esi.es/eclipseembeddedday/index.php	ECLIPSE Embedded Day 2010 [09/11/2010] Audience Nature: National Audience Size: General: 24 Academic: 6 Industrial: 5	

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.8. Eurotech

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
27/10/2010	Demo	Completed	Demo at ARTEMIS & ITEA Co-Summit 2010	ARTEMIS & ITEA CO-Summit 2010 [27/10/2010] Audience Nature: International Audience Size: General: 50 Academic: 20 Industrial: 30	<a href="http://www.artemis-association.org/cosummit_2010_home">http://www.artemis-association.org/cosummit_2010_home</a>  <a href="http://www.artemis-association.org/">http://www.artemis-association.org/</a>

					<a href="#">attachments/1123/ARTEMISIA_NEWS_No16_November_2010.pdf</a>
08/10/2010	Presentation	Completed	Panel: What is the future of innovation technologies for services oriented to individual? Presentation title: Le value proposition delle aziende fornitrici.	AitAAL - Associazione Italiana "Ambient Assisted Living" [06-08/10/2010] Audience Nature: National Audience Size: General: 60 Academic: 30 Industrial: 20	<a href="http://www.aitaal.it/">http://www.aitaal.it/</a>  <a href="http://www.aitaal.it/foritaal/">http://www.aitaal.it/foritaal/</a>
04/11/2010	Presentation	Completed	Presentation at ECOMONDO 2010  Comments: The presentation of the first results of Sofia application domain has been insert in a COOPERAMBIENTE expo inside to the ECOMONDO Exposition  Attachments: <a href="http://94.126.241.18/reporting/A474/SOFIA_Valerio%20Nannini.pdf">http://94.126.241.18/reporting/A474/SOFIA_Valerio%20Nannini.pdf</a>	ECOMONDO 2010 [03/11/2010] Audience Nature: International Audience Size: General: 50 Academic: 20 Industrial: 30	
22/06/2010	Paper	Completed	Smart-M3 and OSGi: the Interoperability Platform	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	EUTH, VTT, UNBO

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
09/12/2010	Presentation	Completed	Eurotech Technical Board Sofia presentation and project status report.	Eurotech Group Level Meeting Audience Nature: Audience Size: Industrial: 1	Internal
10/06/2010	Presentation	Completed	Eurotech Technical Board Sofia presentation and project status report.	Eurotech Group Level Meeting	Internal
17/03/2010	Demo	Completed	Demo Video "Smart maintenance scenario" 2nd Review. The video include the description of Eurotech Smart Objects used in the Smart Maintenance demo.  Comments: CCC has produced a video describing the smart maintenance scenario in a real environment: The video has been realized in the CCC offices headquarter. This acts as a preliminary representation of the service level platform for WP2. The video has been already completed during the 2nd Review meeting in Brussels and will be used to promote SOFIA in dissemination events at public level.		Structural

### 3.9. *Centro Ricerche FIAT*

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/06/2010	Event Attendance	Completed	Demo sessions in real vehicle  Comments: CRF has taken part in the SOFIA dissemination event, organized in Riccione (Italy) on June 2010, in conjunction with the first International Workshop on Semantic Interoperability for Smart Spaces (SISS 2010), part of the IEEE Symposium on Computers and Communications ISCC'10.	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15	
22/06/2010	Paper	Completed	CRF contributed in the preparation of a paper entitled "Experiences in Implementing a Cross-domain Use Case by Combining Semantic and Service Level Platforms".  Comments:  The paper describes the experiences of implementing a mash-up of two independent use cases, one operating in the embedded domain and the other in the internet messaging domain.	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15	

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
31/03/2011	Promo. Video	Completed	Demonstration video describing the Media Follows User scenario.  Comments:  Demonstration video describing the Media Follows User scenario. This acts as a preliminary documentation of the service-level platform for WP1. The video has been already presented during the 2nd Review meeting in Brussels and will be used to promote SOFIA in dissemination events.		Structural
30/11/2010	Internal Meeting	Completed	Informative meetings have been held in FIAT Group Automobiles and Iveco.  Comments: The SOFIA IOP concept has been presented, highlighting all the benefits for the	Audience Size: Industrial: 15	

			interaction of the On-Board Telematic Unit with nomadic devices and consumer electronics inside a personal smart space.		
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### 3.10. **INDRA**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
01/02/2010	Publication	Completed	<p>INDRA's 2009 Annual Reporting references SOFIA as one of its innovative project</p> <p>Comments: 2009 Annual Report available both ES / EN, please check pag. 20 for English version.</p> <p>URL: <a href="http://www.indracompany.com/sites/default/files/ANNUAL_REPORT_2009_2.pdf">http://www.indracompany.com/sites/default/files/ANNUAL_REPORT_2009_2.pdf</a></p>	<p>INDRA's public portal Audience Nature: International Audience Size: <i>Info. No provided</i></p> <p>INDRA's 2009 Annual Report [01/02/2010] Audience Nature: International Audience Size: <i>Info. No provided</i></p>	
01/03/2010	Presentation	Completed	<p>INDRA has presented the project to the R+D managers and teachers of the University of Cartagena- Murcia- Spain in order to disseminate SOFIA within the Spanish University Community</p>	<p>CARTAGENA Academic Diss. [01/03/2010] Audience Nature: National Audience Size: Academic: 4</p>	
03/05/2010	Press Release	Completed	<p>The 2nd issue of NEO focuses on two of the technologies with the greatest development potential: semantic technologies and increased reality, INDRA described its potential with its own experience in SOFIA.</p> <p>URL: <a href="http://www.indracompany.com/sites/default/files/NEO-eng.pdf">http://www.indracompany.com/sites/default/files/NEO-eng.pdf</a></p> <p>Attachments: <a href="http://94.126.241.18/reporting/A32/NEO-eng_%20SOFIA_Project.pdf">http://94.126.241.18/reporting/A32/NEO-eng_%20SOFIA_Project.pdf</a></p>	<p>NEO SOFIA 2010 [01/07/2010] Audience Nature: International Audience Size: General: 2016</p>	
22/06/2010	Paper	Completed	<p>The paper "Semantic technologies and techniques for interoperable information in smart environments" was sent and accepted for the SISS 2010 event. <a href="http://www.sofia-project.eu/system/files/Indra%C2%B4s_pape_r_SISS_2010.pdf">http://www.sofia-project.eu/system/files/Indra%C2%B4s_pape_r_SISS_2010.pdf</a></p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p>	
22/06/2010	Poster	Completed	<p>INDRA presented its accepted paper on "Semantic technologies and techniques for interoperable information in smart environments" as a Poster. (<a href="http://www.sofia-project.eu/system/files/SOFIA_POSTER_RICCIONE_SEMANTIC_TRANSFORMERS_A4.pdf">http://www.sofia-project.eu/system/files/SOFIA_POSTER_RICCIONE_SEMANTIC_TRANSFORMERS_A4.pdf</a>)</p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International</p>	

				Audience Size: General: 20 Academic: 5 Industrial: 15	
22/06/2010	Demo	Completed	<p>Semantic Technologies</p> <p>Comments: Study of the state-of-the-art semantic technologies for interoperable information in smart environment (Poster).</p> <p>Analysis of frequent benchmarks to compare them. Study of more appropriate benchmarks to improve interoperability in smart environments in general and in SOFIA in particular.</p> <p>URL: <a href="http://www.sofia-project.eu/node/334">http://www.sofia-project.eu/node/334</a></p> <p>Attachments: <a href="http://94.126.241.18/reporting/A415/Semantic%20Technologies-%20INDRA.png">http://94.126.241.18/reporting/A415/Semantic%20Technologies-%20INDRA.png</a></p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p>	
02/12/2010	Presentation	Completed	<p>SOFIA Presentation within the Bankinter Bank Innovation Fundation</p> <p>Comments: In addition to Indra's participation (including SOFIA's project mention), the conference brought together an interesting group of thinkers and businesspeople: Paul Horn, the former director of IBM Research; Neil Gershenfeld, the director of the Centre for Bits and Atoms at MIT; Joseph Kvedar, the chief executive of Connected Health; Robin Chase, founder of Zipcars; Peter Hirshberg, the former chairman of Technorati; and many more.</p> <p>Attachments: <a href="http://94.126.241.18/reporting/A471/20101127%20Agenda%20XV%20FTF.PDF">http://94.126.241.18/reporting/A471/20101127%20Agenda%20XV%20FTF.PDF</a></p>	<p>FTF (Future Trends Forum) [03/12/2010] Audience Nature: International Audience Size: General: 2 Academic: 7 Industrial: 23</p>	
03/12/2010	Brochure Distribution	Completed	<p>SOFIA Brochure distributed at the Bankinter Bank Innovation Fundation</p>	<p>FTF (Future Trends Forum) [03/12/2010] Audience Nature: International Audience Size: General: 2 Academic: 7 Industrial: 23</p>	

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
03/05/2010	Press Release	Completed	ARTEMISIA and Embedded Systems Projects Published on INDRA's Intranet	INDRAWEB Audience Nature:	Internal

				International Audience Size: Industrial: 29000	
01/06/2010	Brochure Production	Completed	INDRA has designed, coordinated and produced a SOFIA brochure in order to boost dissemination within the project. ( <a href="http://www.sofia-project.eu/system/files/SOFIA_BROCHURE_2010_06_07_v3.pdf">http://www.sofia-project.eu/system/files/SOFIA_BROCHURE_2010_06_07_v3.pdf</a> )		Structural
07/07/2010	Presentation	Completed	INDRA has presented SOFIA within its technological workshop as one of the main project on R&D&I on progress within the company in order to foreseen tomorrow's solutions.	Internet of the Future Workshop [07/07/2010] Audience Nature: National Audience Size: Industrial: 50	Internal
07/07/2010	Event Organization	Completed	INDRA has organised an internal workshop about the Internet of the Future	Internet of the Future Workshop [07/07/2010] Audience Nature: National Audience Size: Industrial: 50	Internal
24/09/2010	Press Release	Completed	INDRA's participation on the ARTEMIS Summer Camp as part of the SOFIA project.	INDRAWEB Audience Nature: International Audience Size: Industrial: 29000	Internal
24/09/2010	Press Release	Completed	INDRA actively participation within the 1st Adriatic SOFIA Dissemination Event. Indra has financed, co-organised and participated.	INDRAWEB Audience Nature: International Audience Size: Industrial: 29000	Internal
15/10/2010	Internal Meeting	Completed	Informative meetings have taken place (with these INDRA's areas), in order to disseminate the advantages of use of SOFIA technology.  Project Dissemination through INDRA's business areas (vertical markets): Energy and Industry, Financial Services, Public Administration and Healthcare, Telecom and Media, Transport and Traffic, Defence and Security.	INDRA'S Business Areas Audience Nature: National Audience Size: Industrial: 10000	Internal
29/10/2010	Presentation Template	Completed	SOFIA Presentation Template updating, coordination and distribution  Comments: New template containing new ARTEMIS logo + High Resolution Logos + new wording for financing details		Structural
29/10/2010	Doc. Template	Completed	SOFIA Doc. Template updating, coordination and distribution  Comments: New template containing new ARTEMIS logo + High Resolution Logos + new wording for financing details		Structural
29/10/2010	Poster	Completed	SOFIA Poster Template updating,		Structural

	Template		coordination and distribution  Comments: New template containing new ARTEMIS logo + High Resolution Logos + new wording for financing details		
12/11/2010	Software Development	Completed	WP7 Reporting Application		Structural

### 3.11. Meshworks Wireless

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/06/2010	Press Release	Completed	During SOFIA trials at t18		

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.12. Nextworks

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
22/06/2010	Paper	Completed	RDF Recipes for Context-Aware Interoperability In Pervasive Systems Anna M. Kosek, Aly A. Syed and Jon M. Kerridge The IEEE symposium on Computers and Communications, ISCC 2010, Riccione, Italy. IEEE CFP10SCC-ART, ISBN:  Attachments: <a href="http://94.126.241.18/reporting/A64/KosekSyedKerridge.pdf">http://94.126.241.18/reporting/A64/KosekSyedKerridge.pdf</a>	IEEE International Conference [12/01/2010] Audience Nature: International Audience Size: <i>Info. No provided</i>	
22/06/2010	Demo	Completed	Smart Lighting	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15	

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.13.

### **NXP Semiconductors**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
22/06/2010	Paper	Completed	RDF Recipes for Context-Aware Interoperability In Pervasive Systems Anna M. Kosek, Aly A. Syed and Jon M. Kerridge The IEEE symposium on Computers and Communications, ISCC 2010, Riccione, Italy. IEEE CFP10SCC-ART, ISBN:  Attachments: <a href="http://94.126.241.18/reporting/A64/KosekSyedKerridge.pdf">http://94.126.241.18/reporting/A64/KosekSyedKerridge.pdf</a>	IEEE International Conference [12/01/2010] Audience Nature: International Audience Size: <i>Info. No provided</i>	
22/06/2010	Demo	Completed	Smart Lighting	SISS 2010 [22/06/2010] Audience Nature: National Audience Size: General: 15 Academic: 10 Industrial: 15  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15  SOFIA dissemination day [23/06/2010] Audience Nature: International Audience Size: <i>Info. No provided</i>	

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.14.

### **Philips Research Laboratories Eindhoven**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
10/04/2010	Paper	Completed	First paper submitted for review to CHI 2010 conference (April 2010) in Atalanta on social connectedness.	ACM CHI 2010 [10/04/2010] Audience Nature: International Audience Size: Academic: 1500	

				Industrial: 500	
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Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/06/2010	Press Release	Completed	SOFIA General Assemble has been visiting the ExperienceLab with positive review		Internal
09/09/2010	Demo	Completed	Family Bonding device Demo 3rd review		Structural

### 3.15. **Twente Institute for Wireless and Mobile Communications B.V.**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/11/2010	Paper	Completed	Technical contributions in the context of context-aware public safety applications to be presented in international public safety and disaster recovery fora as PSC Europe Forum	PSC Europe 2010 [30/11/2010] Audience Nature: International Audience Size: Industrial: 80	

Internal/Structural dissemination activities have progressed as follows:

*No scheduled activities to be completed during 2010*

### 3.16. **University of Bologna**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
11/03/2010	Paper	Completed	A Smart Space Application to Dynamically Relate Medical and Environmental Information ( <a href="http://www.date-conference.com/conference/date10-session-11-4">http://www.date-conference.com/conference/date10-session-11-4</a> )	DATE2010 [08/03/2010] Audience Nature: International Audience Size: General: 0 Academic: 15 Industrial: 5	
31/05/2010	Press Release	Completed	Requirements on System Design to Increase Understanding and Visibility of Cultural Heritage  Comments: Book chapter in Handbook of Research on Technologies and Cultural Heritage: Applications and Environments , edited by G. Styliaras, D. Koukopoulos and F. Lazarinis, to be published by IGI Global in 2011.	IGI Global Publications Audience Nature: International Audience Size: <i>Info. No provided</i>	
22/06/2010	Paper	Completed	Mobile Visual Search using Smart-M3	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Demo	Completed	Visual Object Organizer	SISS 2010 [22/06/2010]	

				<p>Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p>	
30/06/2010	Educational	Completed	SMART-M3 Lab a 3 Credits master students lab course (8 demo projects) this experimental lab course is part of a 9 credits course on Information Processing Systems	<p>UNBO Postgrad. course [01/03/2010] Audience Nature: National Audience Size: Academic: 40</p>	
30/06/2010	Event Attendance	Completed	Distribution of SOFIA-related material at Mobilware'10	<p>MOBILWARE'10 [30/06/2010] Audience Nature: International Audience Size: General: 5 Academic: 30 Industrial: 20</p>	
26/10/2010	Demo	Completed	RFID based Smartifier	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p> <p>ARTEMIS &amp; ITEA Co-Summit 2010 [26/10/2010] Audience Nature: International Audience Size: General: 169 Academic: 250 Industrial: 181</p>	

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
09/09/2010	Demo	Completed	RFID based Smartifier 3rd Review  Comments: The RFID based portable Smartifier is a portable device that simplifies the process of creating a digital representation of the environment ("Smartification") by using RFID as identification technology.		Structural
09/09/2010	Demo	Completed	Computer Vision based Smartifier 3rd Review  Comments: The Computer Vision based portable Smartifier is a portable device that simplifies the process of creating a digital representation of the environment ("Smartification") by exploiting computer vision algorithms such as object recognition and QR code decoding.		Structural

### 3.17. **Technical University of Eindhoven**

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/11/2009	Paper	Completed	Service and Resource Discovery in Smart Spaces Composed of Very Low Capacity Nodes  Comments: TU/e SAN  URL: <a href="http://dx.doi.org/10.1109/ICCE.2010.5418745">http://dx.doi.org/10.1109/ICCE.2010.5418745</a>	IEEE International Conference [12/01/2010] Audience Nature: International Audience Size: <i>Info. No provided</i>	
31/05/2010	Poster	Completed	Semantic Connections: Exploring and manipulating connections in smart spaces  Comments: TU/e ID  URL: <a href="https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cOGExOWJIYzYtMDM2NS00OTkyLWFlOTEtMTg2NTRiYzc3N2Ix&amp;hl=en&amp;authkey=COv7tNgC">https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cOGExOWJIYzYtMDM2NS00OTkyLWFlOTEtMTg2NTRiYzc3N2Ix&amp;hl=en&amp;authkey=COv7tNgC</a>	UBI Summer School [31/05/2010] Audience Nature: International Audience Size: General: 0 Academic: 75 Industrial: 0	
31/05/2010	Poster	Completed	Semantically aware smart objects: supporting semantic interaction in smart home environments  Comments: TU/e ID	UBI Summer School [31/05/2010] Audience Nature: International Audience Size: General: 0	

			<p>URL:  <a href="https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cMDE3NWYxZTktNDFjNS00ZmQwLTk1OTEtMzIzNWVkJzkwNWY0&amp;hl=en&amp;authkey=CNi06cEL">https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cMDE3NWYxZTktNDFjNS00ZmQwLTk1OTEtMzIzNWVkJzkwNWY0&amp;hl=en&amp;authkey=CNi06cEL</a></p>	<p>Academic: 75  Industrial: 0</p>	
22/06/2010	Demo	Completed	<p>Semantic Connections - Video Format</p> <p>Comments:  Tangible control over the connections between devices in the home. By making simple spatial arrangements users can explore which objects are connected to one another and what can be connected to what. By simply picking up the tile and shaking it, a user can make or break the connection between the devices present at the interaction tile.</p> <p>URL:  <a href="http://www.youtube.com/watch?v=vdZcjqfq8RQ">http://www.youtube.com/watch?v=vdZcjqfq8RQ</a></p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A434/Semantic%20Connections%20-%20Tue.png">http://94.126.241.18/reporting/A434/Semantic%20Connections%20-%20Tue.png</a></p>	<p>SISS 2010 [22/06/2010]  Audience Nature:  International  Audience Size:  Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010]  Audience Nature:  International  Audience Size:  General: 20  Academic: 5  Industrial: 15</p>	
22/06/2010	Paper	Completed	<p>Semantic connections: Exploring and manipulating connections in smart spaces, van der Vlist, Bram J.J. ; Niezen, Gerrit ; Hu, Jun ; Feijs, Loe M.G.</p> <p>Comments:  TU/e ID</p> <p>URL:  <a href="http://dx.doi.org/10.1109/ISCC.2010.5546636">http://dx.doi.org/10.1109/ISCC.2010.5546636</a></p>	<p>SISS 2010 [22/06/2010]  Audience Nature:  International  Audience Size:  Academic: 25</p>	
22/06/2010	Paper	Completed	<p>From events to goals: Supporting semantic interaction in smart environments, Niezen, Gerrit ; van der Vlist, Bram J.J. ; Hu, Jun ; Feijs, Loe M.G.</p> <p>Comments:  TU/e ID</p> <p>URL:  <a href="http://dx.doi.org/10.1109/ISCC.2010.5546634">http://dx.doi.org/10.1109/ISCC.2010.5546634</a></p>	<p>SISS 2010 [22/06/2010]  Audience Nature:  International  Audience Size:  Academic: 25</p>	
22/06/2010	Poster	Completed	<p>Semantic Connections: Exploring and manipulating connections in smart spaces (Riccione Dissemination event)</p> <p>URL:  <a href="https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cNmFmYWYyZmEtMjdhZS00MDExLW">https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cNmFmYWYyZmEtMjdhZS00MDExLW</a></p>	<p>SISS 2010 [22/06/2010]  Audience Nature:  International  Audience Size:  Academic: 25</p>	

			EwM2YtYjhhNjQ4NDc3ZGU2&hl=en&authkey=CMykiMME		
23/10/2010	Poster	Completed	Semantic Connections: Exploring and manipulating connections in smart spaces (DU'10)  URL: <a href="https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cYjkhN2VhNWetODQ3Yy00OGNhLTK1ZmMtNGM4YWYzMThhNDYx&amp;hl=en&amp;authkey=CJuUs5ME">https://docs.google.com/viewer?a=v&amp;pid=explorer&amp;chrome=true&amp;srcid=0B501D-QmFU6cYjkhN2VhNWetODQ3Yy00OGNhLTK1ZmMtNGM4YWYzMThhNDYx&amp;hl=en&amp;authkey=CJuUs5ME</a>	DU'10 at DDW [23/10/2010] Audience Nature: National Audience Size: General: 6500  Design Challenges [15/10/2010] Audience Nature: International Audience Size: General: 25 Academic: 50 Industrial: 25	
04/11/2010	Paper	Completed	Design semantics of connections in a smart home environment, Vlist, B.J.J. van der, Niezen, G., Hu, J., Feijs, L.M.G.  Comments: TU/e ID  URL: <a href="http://alexandria.tue.nl/openaccess/Metis244252.pdf">http://alexandria.tue.nl/openaccess/Metis244252.pdf</a>	DeSForM 2010 [03/11/2010] Audience Nature: International Audience Size: General: 25 Academic: 50 Industrial: 25	
18/12/2010	Paper	Completed	Tangible Interfaces to Digital Connections, Centralized versus Decentralized, Matthijs Kwak, Gerrit Niezen, Bram van der Vlist, Jun Hu, and Loe Feijs  Comments: TU/e ID	DMDCM 2010 [18/12/2010] Audience Nature: International Audience Size: General: 50 Academic: 100 Industrial: 20  Transactions on Edutainment Audience Nature: International Audience Size: General: 20 Academic: 1000 Industrial: 20	

### 3.18.

### University of Rome La Sapienza

*No scheduled activities to be completed during 2010*

### 3.19.

### VTT Technical Research Centre of Finland

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info
30/12/2009	Project Collaboration	Completed	Research activity: EU and ITEA2 projects related to quality, interoperability and semantics modeling (POBICOS, SMEPP, Evolve, CAM4Home, Osami Commons)	EU and ITEA2 projects [21/02/2010] Audience Nature: National Audience Size: Academic: 15	
30/12/2009	Project Collaboration	Completed	Collaboration meetings with EU and ITEA2 projects (POBICOS, Evolve, CAM4Home)  Comments: Collaboration meetings with EU and ITEA2 projects (POBICOS, Evolve, CAM4Home)	EU and ITEA2 projects [21/02/2010] Audience Nature: National Audience Size: Academic: 15	
16/02/2010	Paper	Completed	Model based architecting with MARTE and SysML profiles  Comments: Model based architecting with MARTE and SysML profiles Pantsar-Syvaniemi, Susanna; Ovaska, Eila. The IASTED International Conference on Software Engineering, SE 2010. February, 16-18, 2010, Innsbruck, Austria..	IASTED 2009 [15/02/2010] Audience Nature: International Audience Size: General: 150	
24/02/2010	Internal Meeting	Completed	Sofia seminar for academic and industry  Comments: Besides the technical session also the demonstrator and business sessions were organized.	VTT SOFIA Seminar [24/02/2010]  Audience Size:35	
29/03/2010	Paper	Completed	Towards ontology-driven development of applications for smart environments  Comments: Towards ontology-driven development of applications for smart environments, A. Katasonov and M. Palviainen, in Proc. Workshops of IEEE Intl. Conf. on Pervasive Computing and Communications, Mannheim, Germany, March 29, 2010, pp. 696-701.	PerCom 2010 [29/03/2010] Audience Nature: International Audience Size: General: 20 Academic: 200 Industrial: 100	
06/04/2010	Demo	Completed	A demo on using Visualization to aid Run-time Verification of Dynamic Service Systems  Comments: A demo on using Visualization to aid Run-time Verification of Dynamic Service Systems, J. Kuusijärvi, International Conference on Software Testing, Verification and Validation Workshops, 2010. ICSTW '10, 6 p, April 610, 2010, Paris, France, in press.	ICSTW 2010 [05/04/2010] Audience Nature: International Audience Size: General: 70	
06/04/2010	Paper	Completed	A dynamic behaviour and reliability evaluation method for applications that are based on asynchronous processing nodes	ViDaS 2010 [05/04/2010] Audience Nature: International Audience Size:	

			<p>Comments: A dynamic behaviour and reliability evaluation method for applications that are based on asynchronous processing nodes. Palviainen, M. First International workshop on Validation and Verification of Dynamic Software Systems ViDaS' 10 in; in conjunction with ICST 2010, April 6-10, Paris, France. IEEE</p>	General: 40	
05/05/2010	Project Collaboration	Completed	Contactless Payment seminar 6 May 2010 Hki (Antti Evesti). In collaboration with GEMOM/EU-ICT project	EIT ICT-Labs in Espoo [07/12/2010] Audience Nature: International Audience Size: General: 100	
09/05/2010	Software Development	Completed	<p>KPI_low in Ansi C</p> <p>Comments: Contributions to open source distribution of smart environment reference implementation</p> <p>URL: <a href="http://sourceforge.net/projects/kpilow/">http://sourceforge.net/projects/kpilow/</a></p>	SOURCEFORCE- M3 Audience Nature: International Audience Size: <i>Info. No provided</i>	
10/05/2010	Project Collaboration	Completed	Benchmarking/collaboration meeting with TNO May 2010 (Presentation and demonstration of Sofia).	VTT OPENS programme Audience Nature: International Audience Size: General: 20	
30/05/2010	Publication	Completed	<p>OntoArch Reliability-aware Software Architecture Design and Experience, in Modern Software Engineering Concepts and Practices: Advanced Approaches.</p> <p>Comments: 15. OntoArch Reliability-aware Software Architecture Design and Experience, Zhou, J., Ovaska, E., Evesti, A., Immonen, A. Revised version of the chapter to book Modern Software Engineering Concepts and Practices: Advanced Approaches, Dogru &amp; Bicer (eds.), IGI Global.</p>	IGI Global Publications Audience Nature: International Audience Size: <i>No. Info provided</i>	
31/05/2010	Publication	Completed	<p>Applying UML Extensions in Modeling Software Product Line Architecture of a Distribution Services Platform</p> <p>Comments: Applying UML Extensions in Modeling Software Product Line Architecture of a Distribution Services Platform, Dobrica, L, Ovaska, E. Model-Driven Domain Analysis and Software Development: Architecture and Functions, IGI Global, in press.</p>	IGI Global Publications Audience Nature: International Audience Size: <i>No Info. provided</i>	
31/05/2010	Publication	Completed	<p>Model and ontology -based development of smart space applications</p> <p>Comments:</p>		

			Model and ontology -based development of smart space applications, M. Palviainen and A. Katasonov, To appear in the book "Pervasive Computing and Communications Design and Deployment: Technologies, Trends, and Applications"		
01/06/2010	Publication	Completed	Knowledge based quality-driven architecture design and evaluation  Comments: Knowledge based quality-driven architecture design and evaluation Ovaska, E. Evesti, A. Henttonen, K. Palviainen, M.. Aho, P. Information and Software Technology. Elsevier. Vol. 52 (2010) No: 6, 577 601	Information & Software Journal [31/05/2010] Audience Nature: International Audience Size: <i>No Info. provided</i>	
14/06/2010	Presentation	Completed	Meeting with Finnish companies in May 2010 and June aiming at a contract project.	Finnish companies Audience Nature: National Audience Size: <i>No Info. provided</i>	
22/06/2010	Paper	Completed	Context-Awareness in Smart Spaces  Comments: Pantsar-Syväniemi, S., Simula, K., Ovaska E.	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Paper	Completed	Enabling non-programmers to develop smart environment applications  Comments: Enabling non-programmers to develop smart environment applications, A. Katasonov , in Proc. SISS workshop at IEEE symposium on Computers and Communications, Riccione, Italy, June 22, 2010, in press	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Paper	Completed	Visualizing Structure and Quality Properties of Smart Spaces  Comments: Visualizing Structure and Quality Properties of Smart Spaces, J. Kuusijärvi, A. Evesti and E. Ovaska, First International Workshop on Semantic Interoperability for Smart Spaces, SISS 2010, pp. 3, June 22, 2010, Riccione, Italy, in press.	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Demo	Completed	Demo with the use of IQVis tool (Jarkko Kuusijärvi)	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Demo	Completed	SmartModeller demonstrator in ISCC Sofia demonstrator session (Artem Katasonov).	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25	
22/06/2010	Demo	Completed	Demo Visualizing Run-time Quality mgmt  Comments:	SISS 2010 [22/06/2010] Audience Nature: International	

			<p>Visualization of changing security threads (and performance) and run-time adaptation according to the changed context. Target Users: Smart space developers and maintenance staff</p> <p>URL: <a href="http://www.sofia-project.eu/node/344">http://www.sofia-project.eu/node/344</a></p>	<p>Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p> <p>Sofia seminar Oulu, Feb 2010 [31/01/2010] Audience Nature: International Audience Size: Academic: 25 Industrial: 10</p>	
22/06/2010	Demo	Completed	<p>Smart Modeller</p> <p>Comments: Graphical modeling tool for smart space application developers. Target User: Application developers</p> <p>URL: <a href="http://www.sofia-project.eu/node/239">http://www.sofia-project.eu/node/239</a></p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p> <p>ARTEMIS &amp; ITEA Co-Summit 2010 [26/10/2010] Audience Nature: International Audience Size: General: 169 Academic: 250 Industrial: 181</p> <p>Sofia seminar Oulu, Feb 2010 [31/01/2010] Audience Nature: International Audience Size: Academic: 25 Industrial: 10</p>	
22/08/2010	Paper	Completed	<p>Ontology driven piecemeal development of smart spaces</p> <p>Comments: Ontology driven piecemeal architecting, Ovaska, E. Ambient intelligence, LNCS 6439,</p>	<p>Aml 2010 [08/11/2010] Audience Nature: International Audience Size: General: 150</p>	

			pp. 148-156.		
22/08/2010	Paper	Completed	Towards an abstraction layer for security assurance measurements. (Invited paper)	MeSSa 2010 [22/08/2010] Audience Nature: International Audience Size: General: 30	
22/08/2010	Event Attendance	Completed	OPENS researcher seminar 23 June in Hki	VTT OPENS programme Audience Nature: National Audience Size: General: 20	
22/08/2010	Paper	Cancelled	Architecting Real-time and Embedded Software	ECSA 2010 [22/08/2010] Audience Nature: International Audience Size: General: 150	
23/08/2010	Paper	Completed	Secure Information Sharing between Heterogeneous Embedded Devices  Comments: Suomalainen, J., Hyttinen, P., Tarvainen, P. Submitted to MeSSa 2010	MeSSa 2010 [22/08/2010] Audience Nature: International Audience Size: General: 30	
23/08/2010	Event Organization	Completed	Organization of Doctoral Symposium (Eila Ovaska) and 1st International Workshop on Measurability of Security in Software Architectures  Comments: Organization of Doctoral Symposium (Eila Ovaska) and 1st International Workshop on Measurability of Security in Software Architectures (Reijo Savola, Teemu Kanstren, Antti Evesti) within ECSA 2010 in Copenhagen 23 August 2010 as an collaboration of GEMOM (EU), BOGYO Beyond (ITEA2) and Sofia (Artemis).	ECSA 2010 [22/08/2010] Audience Nature: International Audience Size: General: 150	
01/09/2010	Paper	Completed	Instantiating GENESYS Application Architecture Modelling via UML 2.0 constructs and MARTE  Comments: Instantiating GENESYS Application Architecture Modelling via UML 2.0 constructs and MARTE Profile. Khan, S. et al. Eurimicro on Digital System Design. France, Lille, 1-3 Sept. 2010.	EUROMICRO 2010 [31/08/2010] Audience Nature: International Audience Size: General: 150	
09/09/2010	Paper	Completed	Instantiation and feasibility evaluation of NoTA SOAD via MARTE profile and Binary Instrumentation. Khan, S.	CEWIT Audience Nature: International Audience Size: Academic: 70 Industrial: 70	
09/09/2010	Paper	Completed	From Y-Charts to seamless integration of application design and performance evaluation. Comments: Khan, S, Tiensyrjä, K., Nurmi J.	International Sympoisum on System on Chip 2010 [31/08/2010]	

				Audience Nature: International Audience Size: General: 80	
26/09/2010	Paper	Cancelled	Autonomic Dependable Service Platform for Smart Cities  Comments: Ovaska, E., Purhonen. A., Jaakola, M., Dobrica,	SASO 2010 [26/09/2010] Audience Nature: International Audience Size: General: 130	
27/09/2010	Paper	Completed	Ontology-based Security Adaptation at Runtime, Evesti, A., Ovaska.  Comments: Ontology-based Security Adaptation at Runtime, Evesti, A., Ovaska. E.	SASO 2010 [26/09/2010] Audience Nature: International Audience Size: General: 130	
28/10/2010	Demo	Completed	Demonstrations and workshops for Finnish industrial companies in 2010.	Finnish companies Audience Nature: National Audience Size: <i>No Info. provided</i>	
30/11/2011	Poster	Cancelled	Poster	ECSA 2010 [22/08/2010] Audience Nature: International Audience Size: General: 150  MeSSa 2010 [22/08/2010] Audience Nature: International Audience Size: General: 30	
30/11/2011	Demo	Cancelled	Demo video	ECSA 2010 [22/08/2010] Audience Nature: International Audience Size: General: 150  MeSSa 2010 [22/08/2010] Audience Nature: International Audience Size: General: 30	
01/12/2011	Presentation	Completed	Meeting for seeking collaboration within cross-domain demonstrator with VTT.	City of Oulu meeting [17/08/2010] Audience Nature: National Audience Size: Academic: 4 Industrial: 2	

### 3.20. Multi-partner dissemination

Wide Audience dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info	Partners
22/09/2009	Demo	Completed	<p>Smart Environment In Car</p> <p>Comments:</p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A429/Use%20case%20mash-up.jpg">http://94.126.241.18/reporting/A429/Use%20case%20mash-up.jpg</a>  <a href="http://94.126.241.18/reporting/A429/Smart%20Environment%20Car%20-%20NOKIA,%20CRF.jpg">http://94.126.241.18/reporting/A429/Smart%20Environment%20Car%20-%20NOKIA,%20CRF.jpg</a></p>	<p>SISS 2010 [22/06/2010]            Audience Nature:            International            Audience Size:            Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010]            Audience Nature:            International            Audience Size:            General: 20            Academic: 5            Industrial: 15</p>		NOKIA, CRF
25/01/2010	Demo	Completed	<p>Follow me music</p> <p>Comments:            A mobile Device can play music with PLAY &amp; CONTROL, once the user has move to a different scenario e.g. CAR which also has a device that can PLAY &amp; CONTROL, the car's resources is used/selected by the SIB to PLAY &amp; CONTROL. Target Users: Drivers</p> <p>URL:  <a href="http://www.sofia-project.eu/node/139">http://www.sofia-project.eu/node/139</a></p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A426/Follow%20me%20music%20-%20CRF.emf">http://94.126.241.18/reporting/A426/Follow%20me%20music%20-%20CRF.emf</a></p>	<p>SOFIA 1st Adriatic Diss. [22/06/2010]            Audience Nature:            International            Audience Size:            General: 20            Academic: 5            Industrial: 15</p>		NOKIA, CRF
01/02/2010	Paper	Completed	<p>Smart City: an Event Driven Architecture for Monitoring Public Spaces with Heterogeneous Sensors</p> <p>URL:  <a href="http://csdl2.computer.org/comp/proceedings/sensorcomm/2010/4096/00/4096ztoc.pdf">http://csdl2.computer.org/comp/proceedings/sensorcomm/2010/4096/00/4096ztoc.pdf</a></p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A171/Smart_City.pdf">http://94.126.241.18/reporting/A171/Smart_City.pdf</a></p>	<p>SENSORCOMM2010 [18/07/2010]            Audience Nature:            International            Audience Size:            Academic: 260            Industrial: 100</p>		ED, Nextworks, UNIROMA
17/05/2010	Poster	Completed	<p>Unified Monitoring and Video Surveillance system built on the common semantic Interoperability Open Platform developed in SOFIA</p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A174/unified%20smart%20city%20environment">http://94.126.241.18/reporting/A174/unified%20smart%20city%20environment</a></p>	<p>PERVASIVE 2010 [17/05/2010]            Audience Nature:            International            Audience Size:            General: 16            Academic: 275            Industrial: 49</p>		Conante, ED, Nextworks

			<a href="#">%20based%20on%20SOFIA.pdf</a>				
01/06/2010	Brochure Distribution	Completed	<p>SOFIA Brochure paper edition (*300 paper copies)</p> <p>Comments: 63 copies left on 11/11/2010</p> <p>Attachments: <a href="http://94.126.241.18/reporting/A53/SOFIA_BROCHURE_2010_06_07_v.3.pdf">http://94.126.241.18/reporting/A53/SOFIA_BROCHURE_2010_06_07_v.3.pdf</a></p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15</p> <p>Internet of the Future Workshop [07/07/2010] Audience Nature: National Audience Size: Industrial: 50</p> <p>ARTEMIS &amp; ITEA Co-Summit 2010 [26/10/2010] Audience Nature: International Audience Size: General: 169 Academic: 250 Industrial: 181</p>			NOKIA, VTT, PHILIPS RESEARCH LABS, ESI, INDRA, ED, UNBO, EUTH
21/06/2010	Event Organization	Completed	<p>1st international workshop on Semantic Information for Smart Spaces (SISS) 2010 organized by Eila Ovaska and Paolo Bellavista</p> <p>Comments: 1st international workshop on Semantic Information for Smart Spaces (SISS) 2010 organized by Eila Ovaska and Paolo Bellavista in conjunction with International Symposium of Computers and Communications (ISCC 2010) in Riccione, Italy, 22 June 2010.</p> <p>URL: <a href="http://www.ieee-isc.org/2010/web_pages/SISS/SISS.html">http://www.ieee-isc.org/2010/web_pages/SISS/SISS.html</a></p>	<p>SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25</p>			VTT, UNBO
22/06/2010	Event Organization	Completed	<p>INDRA has financed and co-organized this event</p>	<p>SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5</p>			INDRA, UNBO

				Industrial: 15		
22/06/2010	Event Organization	Completed	First International Workshop on Semantic Interoperability for Smart Spaces	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25		VTT, UNBO
22/06/2010	Demo	Completed	Demos describing the Smart Maintenance solution of the Sofia project.	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15		CCC, UNBO
22/06/2010	Demo	Completed	Use case mash-up  Comments: We combine the existing Media follows user use case with Read aloud message use case, which both compete on a shared resource (audio). When an important enough message is received during music playback, the playback pauses and the message contents are read out after which the music playback. The mash-up mechanism should be generalized to future use cases. We demonstrate the WP1 service platform and current IOP on products of partners (FIAT car, Nokia mobile device). A Video was produced from this use case.  Attachments: <a href="http://94.126.241.18/reporting/A427/Follow%20me%20music%20-%20CRF.emf">http://94.126.241.18/reporting/A427/Follow%20me%20music%20-%20CRF.emf</a> <a href="http://94.126.241.18/reporting/A427/Use%20case%20mash-up.jpg">http://94.126.241.18/reporting/A427/Use%20case%20mash-up.jpg</a>	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size: General: 20 Academic: 5 Industrial: 15		NOKIA, VTT, CRF
22/06/2010	Demo	Completed	Smart Maintenance Demo  Comments: In the domain of Global Services, Smart Maintenance is a novel concept to approach complex building management when multiple actors (maintenance company, operators and tenants) and multiple technologies are involved. Smart Maintenance offers: o speed-up of maintenance	SISS 2010 [22/06/2010] Audience Nature: International Audience Size: Academic: 25  SOFIA 1st Adriatic Diss. [22/06/2010] Audience Nature: International Audience Size:		CCC, EUTH, UNBO

			<p>interventions and optimization of maintenance procedures;</p> <ul style="list-style-type: none"> <li>o improved end-user comfort and use of space;</li> <li>o new functionalities and services for maintenance companies;</li> <li>o access for third-parties to maintenance business.</li> </ul> <p>A Smart Maintenance scenario is based on an integrated ecosystem of devices, wireless infrastructure and ...</p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A433/Smart%20Maintenance%20Demo%20-%20%20CCC,%20EUTH,%20UNBO.jpg">http://94.126.241.18/reporting/A433/Smart%20Maintenance%20Demo%20-%20%20CCC,%20EUTH,%20UNBO.jpg</a></p>	<p>General: 20          Academic: 5          Industrial: 15</p>		
22/06/2010	Paper	Completed	<p>Paper for SISS 2010</p> <p>Comments:          Experiences in Implementing a Cross-domain Use Case by Combining Semantic and Service Level Platforms. The paper describes the experiences of implementing a mash-up of two independent use cases, one operating in the embedded domain and the other in the internet messaging domain.</p> <p>Attachments:  <a href="http://94.126.241.18/reporting/A173/Experiences%20in%20Implementing%20a%20Cross-domain%20Use%20Case%20by%20Combining%20Semantic.pdf">http://94.126.241.18/reporting/A173/Experiences%20in%20Implementing%20a%20Cross-domain%20Use%20Case%20by%20Combining%20Semantic.pdf</a></p>	<p>SISS 2010 [22/06/2010]          Audience Nature: International          Audience Size: Academic: 25</p> <p>SOFIA 1st Adriatic Diss. [22/06/2010]          Audience Nature: International          Audience Size: General: 20          Academic: 5          Industrial: 15</p>		NOKIA, VTT, CRF
22/06/2010	Paper	Completed	<p>Smart-M3 and OSGi: the Interoperability Platform</p>	<p>SISS 2010 [22/06/2010]          Audience Nature: International          Audience Size: Academic: 25</p>		EUTH, UNBO, CCC, VTT
22/06/2010	Paper	Completed	<p>Smart Applications for the Maintenance of Large Buildings: How to Achieve Ontology-based Interoperability</p>	<p>SISS 2010 [22/06/2010]          Audience Nature: International          Audience Size: Academic: 25</p>		CCC, EUTH, UNBO
22/06/2010	Poster	Completed	<p>Poster describing the Smart Maintenance solution of the Sofia project.</p>	<p>SOFIA 1st Adriatic Diss. [22/06/2010]          Audience Nature: International          Audience Size: General: 20          Academic: 5          Industrial: 15</p>		CCC, UNBO
29/06/2010	Publication	Completed	<p>Design principles and practices of interoperable smart spaces</p> <p>Comments:          Design principles and practices of</p>	<p>IGI Global Publications          Audience Nature: International          Audience Size: <i>No Info. provided</i></p>		VTT, UNBO

			interoperable smart spaces, Ovaska, E., Salmon Cinotti, T., Toninelli, A. Chapter in the book: Advanced Design Approaches to Emerging Software Systems: Principles, Methodology and Tools. Xiaodong Liu & Yang Li (eds.), 32 p.			
30/06/2010	Demo	Completed	Demonstrators of SOFIA results			EUTH, NXP, UNBO, TU/e
30/06/2010	Event Organization	Completed	A European Interoperability Platform for Cross Domain Smart Environments Applications	UNBO/CRF Seminar Audience Nature: National Audience Size: Academic: 50		CRF, UNBO
07/09/2010	Event Organization	Completed	SOFIA ADK workshop  Comments: In conjunction with JISBD 2010 event Indra and ESI have organized a SOFIA workshop focused on the ADK.  URL: <a href="http://www.taro.ull.es/dsdm10/index.php?s=CFP">http://www.taro.ull.es/dsdm10/index.php?s=CFP</a>	RED DSDM 2010 [07/09/2010] Audience Nature: National Audience Size: General: 0 Academic: 43 Industrial: 12		ESI, INDRA
07/09/2010	Demo	Completed	ADK- Red DSDM - Valencia- Spain	RED DSDM 2010 [07/09/2010] Audience Nature: National Audience Size: General: 0 Academic: 43 Industrial: 12		ESI, INDRA
07/09/2010	Paper	Completed	Smart Objects for Intelligent Applications - ADK  Attachments: <a href="http://94.126.241.18/reporting/A186/Smart%20Objects%20for%20Intelligent%20Applications%20ADK.pdf">http://94.126.241.18/reporting/A186/Smart%20Objects%20for%20Intelligent%20Applications%20ADK.pdf</a>	RED DSDM 2010 [07/09/2010] Audience Nature: National Audience Size: General: 0 Academic: 43 Industrial: 12		ESI, INDRA
21/09/2010	Paper	Completed	SOFIA ADK paper within VL/HCC  URL: <a href="http://dei.inf.uc3m.es/vlhcc10/">http://dei.inf.uc3m.es/vlhcc10/</a>  Attachments: <a href="http://94.126.241.18/reporting/A188/Smart%20Objects%20For%20Intelligent%20Applications%20ADK.1.pdf">http://94.126.241.18/reporting/A188/Smart%20Objects%20For%20Intelligent%20Applications%20ADK.1.pdf</a> <a href="http://94.126.241.18/reporting/A188/SOFIA_ADK_POSTER_VLHCC2010.pdf">http://94.126.241.18/reporting/A188/SOFIA_ADK_POSTER_VLHCC2010.pdf</a> <a href="http://94.126.241.18/reporting/A188/finalprogrammelvhcc2010.pdf">http://94.126.241.18/reporting/A188/finalprogrammelvhcc2010.pdf</a>	VL/HCC 2010 [21/09/2010] Audience Nature: International Audience Size: <i>No Info. provided</i>		INDRA, ESI
27/09/2010	Paper	Completed	SOFIA project: Smart Objects For Intelligent Applications TELECOM I+D	TELECOM I+D 2010 [27/09/2010]		ESI, INDRA

			2010	Audience Nature: National		
			Attachments: <a href="http://94.126.241.18/reporting/A175/Smart%20Objects%20For%20Intelligent%20Applications.pdf">http://94.126.241.18/reporting/A175/Smart%20Objects%20For%20Intelligent%20Applications.pdf</a> <a href="http://94.126.241.18/reporting/A175/SOFIA_project_smart_objects_intelligent_applications.pdf">http://94.126.241.18/reporting/A175/SOFIA_project_smart_objects_intelligent_applications.pdf</a>	Audience Size: Academic: 200 Industrial: 300		

Internal/Structural dissemination activities have progressed as follows:

Date	Type	Status	Description	Channels & Audience	Other Info	Partners
17/03/2010	Demo	Completed	<p>Unified Monitoring Video Surveillance (UMVS) system 2nd Review</p> <p>Comments: The prototype of a Unified Monitoring Video Surveillance system is produced inside T3.2, and showed in a live demo during the 2nd Review Meeting in Brussels, describing a typical situation when a suspicious bag is detected.</p> <p>The storyline of the live demo is the following: An operator of the subway station identifies an abandoned bag through the videos shown on the UMVS Monitoring Station. The operator controls the camera remotely with PTZ commands in order to obtain a better view of the location and sends a warning that is received by the operators on-site. The station responsible decides</p>		Structural	INDRA, Conante, ED, EUTH, Nextworks, Twente IWMC, UNIROMA
17/03/2010	Demo	Completed	<p>Media Follows User 2nd Review</p> <p>Comments: A mobile user is able to seamlessly consume a particular media in different places. For instance, the user in the home may be listening particular radio channel or music recording. When the user leaves home and plugs mobile phone earpiece, the media starts to play in there. Then, when the user enters to a car, car stereos continue to play from the same channel or from the same location of the music track. The user will have a more pleasant experience. Time is not wasted on adjusting devices in new environment to start playing particular media.</p>		Structural	NOKIA, VTT, CRF
17/03/2010	Demo	Completed	<p>Follow me music 2nd Review</p>		Structural	NOKIA, CRF

17/03/2010	Demo	Completed	<p>Smart Maintenance Demo 2nd Review</p> <p>Comments:            n the domain of Global Services, Smart Maintenance is a novel concept to approach complex building management when multiple actors (maintenance company, operators and tenants) and multiple technologies are involved. Smart Maintenance offers:</p> <ul style="list-style-type: none"> <li>o speed-up of maintenance interventions and optimization of maintenance procedures;</li> <li>o improved end-user comfort and use of space;</li> <li>o new functionalities and services for maintenance companies;</li> <li>o access for third-parties to maintenance business.</li> </ul> <p>A Smart Maintenance scenario is based on an integrated ecosystem of devices, wireless infrastructure and ...</p>		Structural	CCC, EUTH, UNBO
08/09/2010	Demo	Completed	<p>Semantic Connections/Spotlight Navigation 3rd Review</p> <p>Comments:            Semantic control over the connections between devices in the home. In this cross-domain demo users can control semantic connections both by tangible control, using the Interaction Tile and by UI following the augmented reality paradigm. By projecting the connections between devices in the real world users can make or break them.            Target Users: Smart home inhabitants            Format: pdf + video (.mov)</p>		Structural	Conante, TU/e
09/09/2010	Demo	Completed	<p>Public Infrastructure Monitoring (PIM) system 3rd Review</p>		Structural	ESI, ED, UNIROMA, Acciona
09/09/2010	Demo	Completed	<p>Smart Environment In Car 3rd Review</p>		Structural	NOKIA, CRF
09/09/2010	Demo	Completed	<p>Smart Maintenance Demo 3rd Review</p> <p>Comments:            In the domain of Global Services, Smart Maintenance is a novel concept to approach complex building management when multiple actors (maintenance company, operators and tenants) and multiple technologies are involved. Smart Maintenance offers:</p> <ul style="list-style-type: none"> <li>o speed-up of maintenance interventions and optimization of maintenance procedures;</li> <li>o improved end-user comfort and use of space;</li> <li>o new functionalities and services for</li> </ul>		Structural	CCC, EUTH, UNBO

			<p>maintenance companies; o access for third-parties to maintenance business.</p> <p>A Smart Maintenance scenario is based on an integrated ecosystem of devices, wireless infrastructure and ...</p>			
09/09/2010	Demo	Completed	Smart Lighting System Demo 3rd review (Rome) Sep. 2010		Structural	NXP, TU/e
09/09/2010	Brochure Distribution	Completed	SOFIA Brochure paper edition (*300 paper copies) 3rd Review		Structural	NOKIA, VTT, PHILIPS RESEARCH LABS, ESI, INDRA, ED, UNBO
30/09/2010	Demo	Completed	<p>Smart Space Energy Monitor</p> <p>Comments: The Smart Space Energy Monitor (SSEM) demo allows the user to monitor the energy status of all the devices registered to his/her smart space as well as receive alerts whenever an anomalous situation takes place, such as when the energy or power levels exceed a critical threshold. The demo is implemented on top of the Smart M3 framework so any compliant device can make its energy data available.</p>		Structural	NOKIA, PHILIPS RESEARCH LABS, UNBO
01/11/2010	Press Release	Completed	<p>SOFIA won the ARTEMIS exhibition award for the best ARTEMIS-JU stand</p> <p>URL: <a href="http://www.artemisia-association.org/attachments/1123/ARTEMISIA_NEWS_No16_November_2010.pdf">http://www.artemisia-association.org/attachments/1123/ARTEMISIA_NEWS_No16_November_2010.pdf</a></p>	<p>ARTEMISIA NEWS Nov'2010 01/11/2010 Audience Size: Academic: 101 Industrial: 102 General: 15</p>		SOFIA Consortium
29/11/2010	Software Development	Completed	Java-KPI published as an Open Source project of sourceforge.net	<p>SOURCEFORCE- M3 Audience Nature: International Audience Size: <i>No Info. provided</i></p>	Internal	VTT, UNBO

Dissemination and Exploitation Report		43 (69)
D7.44 V1.0	Confidentiality Level: PU (Public)	2011-01-11

## 4. SOFIA Dissemination Activities overall

This section contains detailed information concerning:

- Total completed dissemination activities by status and category
- Impact dissemination figures: audience size and nature
- Dissemination Channels details

#### 4.1. **SOFIA Dissemination Activities by status and category**

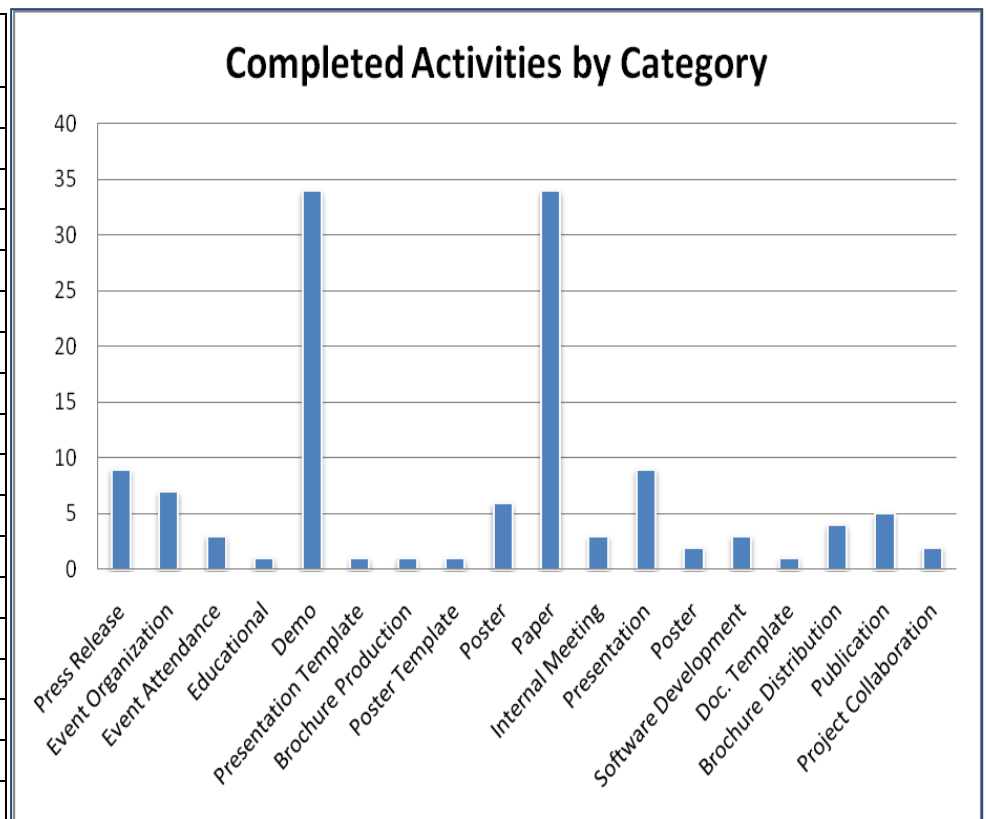
This section contains a detailed description of all the dissemination channels grouped by status and category during 2010.

##### Status

SOFIA Dissemination Activities [01/01/2010 - 31/12/2010]	
Completed	115
Cancelled	8

##### Category

SOFIA Dissemination Activities [01/01/2010 - 31/12/2010]	
Press Release	9
Event Organization	7
Event Attendance	3
Educational	1
Demo	34
Presentation Template	1
Brochure Production	1
Poster Template	1
Poster	6
Paper	34
Internal Meeting	3
Presentation	9
Poster	2
Software Development	3
Doc. Template	1
Brochure Distribution	4
Publication	5
Project Collaboration	2



## 4.2. SOFIA Dissemination Impact during 2010

This section shows figures and charts in order to measure the SOFIA dissemination impact achieved during the first year of the project (2010).

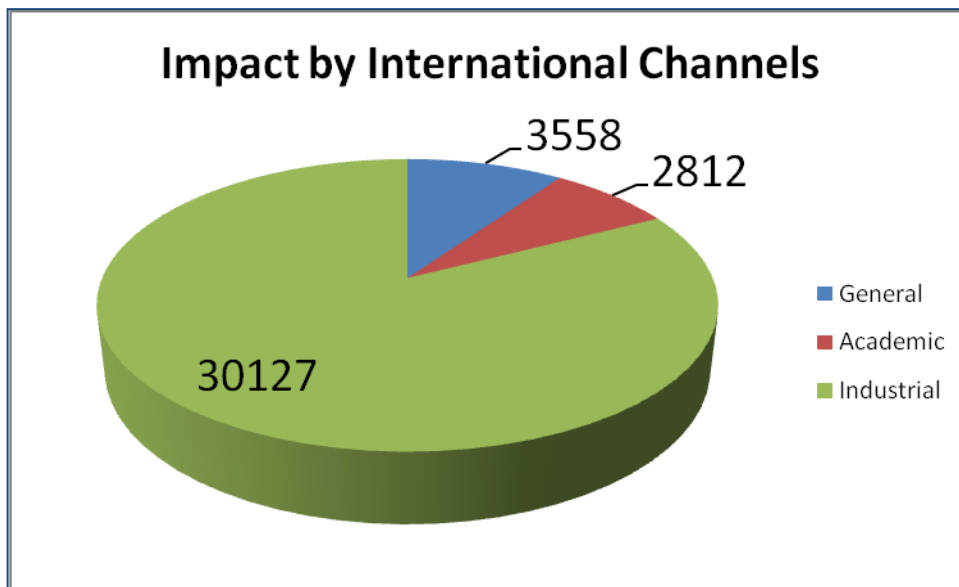
Channel name	Repetitions Type	General	Academic	Industrial	TOTAL	Comments
INDRAWEB	Press Release:3	0	0	29000	29000	
SISS 2010	Event Organization:2, Event Attendance:1, Demo:12, Poster:1, Paper:10, Poster:1, Brochure Distribution:1	0	25	0	25	2 days event
SOFIA 1st Adriatic Diss.	Event Organization:1, Event Attendance:1, Demo:12, Paper:1, Poster:2, Brochure Distribution:1	20	5	15	40	SOFIA First Adriatic dissemination event in conjunction with SISS2010. (2 days event)
INDRA's public portal	Publication:1	0	0	0	0	The publication is available at Indra's public portal and therefore open to the general public. General audience: TBC
SOURCEFORCE- M3	Software Development:2	0	0	0	0	Audience Nature (Industrial/Academic/General): TBC Audience Size: TBC
ruSMART2010	Paper:1	0	0	0	0	Audience Nature (Industrial/Academic/General): TBC Audience Size: TBC
FRUCT program	Presentation:2	0	0	0	0	Audience Nature (Industrial/Academic - National/International): TBC Audience Size: TBC
ACM CHI 2010	Paper:1	0	1500	500	2000	
DATE2010	Paper:1	0	15	5	20	DATE2010 is one of the most important european conferences on embedded systems. UNBO presented a SOFIA paper entitled- A Smart Space Application to Dynamically Relate Medical and Environmental Information- The audience shown is an estimate and it only concerns the attendance to this paper presentation. Weather conditions in Europe were exceptionally severe that week.
MOBILWARE'10	Event Attendance:1	5	30	20	55	

IGI Global Publications	Press Release:1, Publication:2	0	0	0	0	
IEEE International Conference	Paper:1	0	0	0	0	
IASTED 2009	Paper:1	150	0	0	150	estimated
Information & Software Journal	Publication:1	0	0	0	0	information not available
ICSTW 2010	Demo:1	70	0	0	70	estimated
PerCom 2010	Paper:1	20	200	100	320	
ViDaS 2010	Paper:1	40	0	0	40	estimated
EUROMICRO 2010	Paper:2	150	0	0	150	estimated
ECSA 2010	Event Organization:1	150	0	0	150	The role of software architecture in the engineering of software-intensive applications has become more and more important and widespread. Component-based and service-oriented architectures are key to the design, development and evolution of all software systems. The European Conference on Software Architecture is the premier European conference dedicated to the field of software architecture, covering all architectural aspects of software and service engineering.
SASO 2010	Paper:1	130	0	0	130	The 2010 edition of the SASO conference series held in Budapest, Hungary.  The aim of SASO conference series is to provide a forum for laying the foundations of a new principled approach to engineering systems, networks and services based on self-adaptation and self-organization. To this end, the meeting aims to attract participants with different backgrounds, to foster cross-pollination between different research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools, and applications.
MeSSa 2010	Paper:2	30	0	0	30	Co-located with ECSA 2010  The growing complexity of service-centric systems has

						increased the need for pertinent and reliable software security and trusted system solutions. Systematic approaches to measuring security in software architectures are needed in order to obtain sufficient and credible proactive evidence of the security level or performance of a system, service or product. The systematic definition of security metrics and security assurance metrics is a young field that still lacks widely accepted definitions of metrics and applicable measuring techniques for design-time and run-t
VTT SOFIA Seminar	Internal Meeting:1	0	0	0	0	
EIT ICT-Labs in Espoo	Project Collaboration:1	100	0	0	100	Participants estimated
SENSORCOMM2010	Paper:1	0	260	100	360	The Fourth International Conference on Sensor Technologies and Applications. Number of participants communicated by organizers
PERVASIVE 2010	Poster:2	16	275	49	340	The Eighth International Conference on Pervasive Computing Number of participants from the web report.
VL/HCC 2010	Paper:1	0	0	0	0	The IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC) is the premier international forum for researchers and industrial practitioners to discuss the theory, applications and evaluation of technologies, visual and otherwise, that enhance the role of humans in the computing process.
ARTEMIS & ITEA Co-Summit 2010	Demo:3, Brochure Distribution:1	169	250	181	600	More than 600 participants from industry, academia, public authorities and press.
Sofia seminar Oulu, Feb 2010	Demo:2	0	25	10	35	
FTF (Future Trends Forum)	Presentation:1, Brochure Distribution:2	2	7	23	32	Future Trends Forum (FTF) is the Bankinter Foundation of Innovation's most established project.  This is the only multidisciplinary, multi-sector and international forum,

						<p>constituted by an exclusive group of over 300 leading opinion experts from five continents, working together to foresee the near future by detecting social, economic, scientific and technological trends and analyzing their possible application and impact on current business models</p> <p>This is a forward-thinking effort to create a more advanced and competitive community by filling a gap where needed and attracting international.</p>
ECOMONDO 2010	Presentation:1	250	30	70	350	The biggest expo of green technologies and new lifestyles, a special forum where businesses in the environmental and sustainability sectors can meet institutional stakeholders, trade associations, local/central government, NGO's and all types of industries and goods manufacturers, to discuss new models of economic growth driven by a focus on innovation, clean technologies and a new approach to urbanization and social contexts.
NEO SOFIA 2010	Press Release:1	2016	0	0	2016	1.662 downloads Spanish version; 354 downloads English version.
DeSForM 2010	Paper:1	25	50	25	100	
UBI Summer School	Poster:2	0	75	0	75	The purpose of the summer school was to provide young researchers with an opportunity to gain deeper insight to the multidisciplinary fields of ubiquitous and urban computing, to stimulate international R&D networking and to promote the UBI Challenge. 72 students from 20 countries participated in the summer school.
Design Challenges	Poster:1	25	50	25	100	
Aml 2010	Paper:1	150	0	0	150	

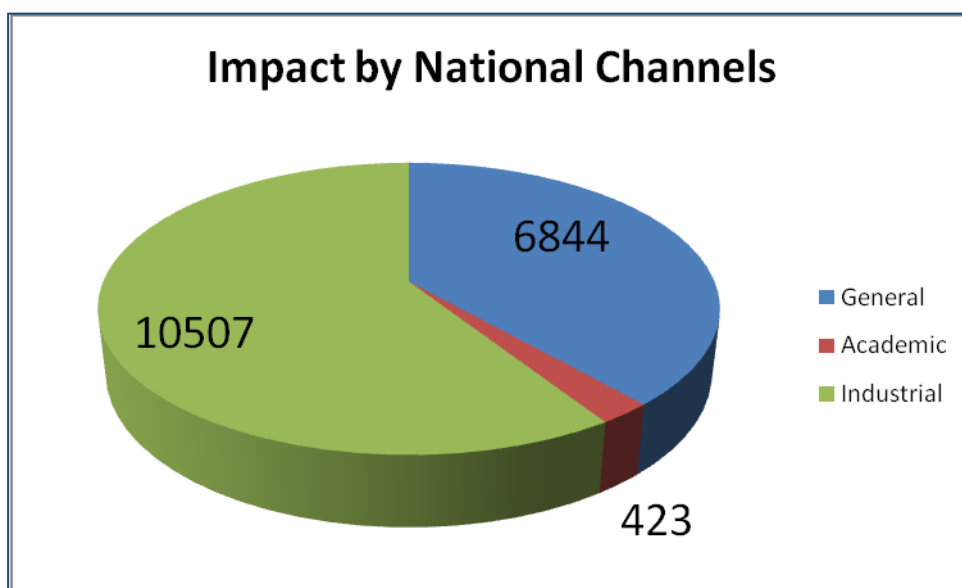
8th FRUCT conference	Paper:1, Presentation:1	40	15	4	59	The conferences are attended by the representatives of over 15 FRUCT universities from Russia, Finland and Denmark, and industrial experts from Nokia, Nokia Siemens Networks and Symbian Foundation, a number of guests from other companies and universities.
INDRA's 2009 Annual Report	Publication:1	0	0	0	0	
<b>TOTAL</b>		<b>3558</b>	<b>2812</b>	<b>30127</b>	<b>36497</b>	



### National Channels

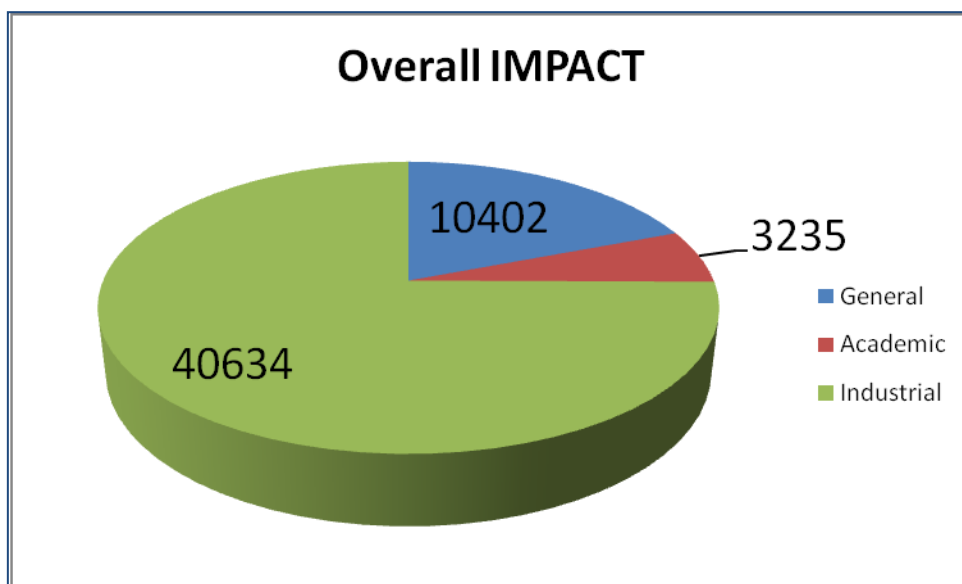
Channel name	Repetitions Type	General	Academic	Industrial	TOTAL	Comments
INDRA'S Business Areas	Internal Meeting:1	0	0	10000	10000	30 Indra's market managers with an impact on around 10.000 employees
CARTAGENA Academic Diss.	Presentation:1	0	4	0	4	The University representatives have shown great interest in relation with SOFIA project. 4 university's representatives with a high impact on their alumni and academics.
Internet of the Future Worksho	Event Organization:1, Presentation:1, Brochure Distribution:1	0	0	50	50	
ECLIPSE Embedded Day 2010	Presentation:1	24	6	5	35	No. of attendees= 35 No. of entities=15
UNBO Postgrad. course	Educational:1	0	40	0	40	
VTT OPENS programme	Event Attendance:1, Project	20	0	0	20	Persons involved in OPENS know about SOFIA

	Collaboration:1					
ESI@Net	Demo:1, Presentation:1	300	10	70	380	
Finnish companies	Demo:1, Presentation:1	0	0	0	0	
TELECOM I+D 2010	Paper:1	0	200	300	500	
UNBO/CRF Seminar	Event Organization:1	0	50	0	50	
RED DSDM 2010	Event Organization:1, Demo:1, Paper:1	0	43	12	55	
DU'10 at DDW	Poster:1	6500	0	0	6500	
CEWIT	Paper:1	0	70	70	140	estimated
<b>TOTAL</b>		<b>6544</b>	<b>413</b>	<b>10437</b>	<b>17394</b>	



### Overall (International + National)

General	Academic	Industrial	TOTAL
<b>10402</b>	<b>3235</b>	<b>40634</b>	<b>54271</b>



### 4.3. *SOFIA Dissemination Channels description during 2010*

This section contains a detailed description of all the dissemination channels associated to the above mentioned activities.

#### Channels (Event/National):

Date	Short Name	Description	URL
21/02/2010	EU and ITEA2 projects	Collaboration meetings	
01/03/2010	CARTAGENA Academic Diss.	Meeting between INDRA's SOFIA managers and University of Cartagena academics to exhibit the SOFIA projects.	
01/03/2010	UNBO Postgrad. course	This course is partitioned into two informal modules: the first one is on computer architecture, the second one is an experimental and specific lab course on architectures for interoperable smart environments applications (Smart-M3Lab). ....	<a href="http://www.eng.unibo.it/PortaleEn/Academic+programmes/Teachings/dettaglio.htm?AnnoAccademico=2009&amp;IdComponenteAF=340910&amp;CodDocente=015095&amp;CodMateria=34777">http://www.eng.unibo.it/PortaleEn/Academic+programmes/Teachings/dettaglio.htm?AnnoAccademico=2009&amp;IdComponenteAF=340910&amp;CodDocente=015095&amp;CodMateria=34777</a>
07/07/2010	Internet of the Future Workshop	Technological Workshop	
17/08/2010	City of Oulu meeting	Meeting on figuring out potential collaboration	
07/09/2010	RED DSDM 2010	DSDM is a proposal for the development of software which is attributed to the primary role models throughout the process, the DSDM aims to raise the level of abstraction in software development, making models and transformations between them in ...	<a href="http://www.taro.ull.es/dsdm10/index.php?s=CFP">http://www.taro.ull.es/dsdm10/index.php?s=CFP</a>
27/09/2010	TELECOM I+D 2010		<a href="http://www.telecom-id.com/">http://www.telecom-id.com/</a>
23/10/2010	DU'10 at DDW	Design United 5 Exhibition at Dutch Design Week 2010	
09/11/2010	ECLIPSE Embedded Day 2010	Eclipse Embedded Day Spain 2010 aims at bringing together experts, practitioners and researchers, mainly from the Spanish embedded systems community, in a mix of high-quality talks, sessions, and demonstrations.	<a href="http://www.esi.es/eclipseembeddedday/index.php">http://www.esi.es/eclipseembeddedday/index.php</a>
30/11/2010	FINMECCANICA management	Group Meeting for ARTEMIS projects	
	INDRA'S Business Areas	Project Dissemination through INDRA's business areas (vertical markets): Energy and Industry, Financial Services, Public Administration and Healthcare, Telecom and Media, Transport and Traffic, Defence and Security.	
	Finnish companies		
	UNBO/CRF Seminar	A European Interoperability Platform for Cross Domain Smart Environments Applications	
	CEWIT	The 7th international conference and expo on emerging technologies for a smarted world.	
	CCC consortium		

#### Channels (Event/International):

Date	Short Name	Description	URL
12/01/2010	IEEE International Conference	The International Conference on Consumer Electronics (ICCE), presented by the IEEE Consumer Electronics	<a href="http://www.icce.org/">http://www.icce.org/</a>

		Society, is where key technologies, products, services and architectures for consumer entertainment and information delivery are first presented.	
31/01/2010	Sofia seminar Oulu, Feb 2010	Sofia seminar in Oulu Feb 2010	
15/02/2010	IASTED 2009	The International Association of Science and Technology for Development (IASTED) is a non-profit organization devoted to promoting economic and cultural advancement. Established in 1977, IASTED organizes multidisciplinary conferences for academics...	<a href="http://www.iasted.org/">http://www.iasted.org/</a>
24/02/2010	VTT SOFIA Seminar		
08/03/2010	DATE2010	Increasing unpredictability threatens our ability to continue scaling integrated circuits at Moore's Law rates. As the transistors, wires, and other components that make up integrated circuits become smaller, they display both greater variation ...	<a href="http://relxlayer.org/DATE2010">http://relxlayer.org/DATE2010</a>
29/03/2010	PerCom 2010	Eighth Annual IEEE International Conference on Pervasive Computing and Communications	<a href="http://www.percom.org/2010/">http://www.percom.org/2010/</a>
05/04/2010	ICSTW 2010	Third International Conference in Software testing, verification and validation	<a href="http://vps.it-sudparis.eu/icst2010/">http://vps.it-sudparis.eu/icst2010/</a>
05/04/2010	ViDaS 2010	First International workshop on Validation and Verification of Dynamic Software Systems ViDaS' 10 in; in conjunction with ICST 2010	
10/04/2010	ACM CHI 2010	CHI (ACM Conference on Human Factors in Computing Systems) is the premier international conference for the field of human-computer interaction.	<a href="http://www.chi2010.org/">http://www.chi2010.org/</a>
17/05/2010	PERVASIVE 2010	The Eighth International Conference on Pervasive Computing	<a href="http://www.pervasive2010.org">http://www.pervasive2010.org</a>
31/05/2010	UBI Summer School	1st International UBI Summer School 2010	<a href="http://www.ubioulu.fi/en/UBI-summer-school-2010">http://www.ubioulu.fi/en/UBI-summer-school-2010</a>
01/06/2010	ESI@Net	International conference where ESI present its products and services	<a href="http://www.esi.es/index.php?hl=&amp;op=8.2">http://www.esi.es/index.php?hl=&amp;op=8.2</a>
22/06/2010	SOFIA 1st Adriatic Diss.	The SOFIA 1st Adriatic Dissemination event aids the communications and dissemination between work packages/partners of the SOFIA project.	
22/06/2010	SISS 2010	SISS 2010 aims is to solícite discussion among academic/industrial researchers and players about of cost reduction via interoperability, with the guideline of addressing interoperability of heterogeneous devices & systems through semantic solutions.	<a href="http://www.ieee-isc.org/2010/web_pages/SISS/SISS.html">http://www.ieee-isc.org/2010/web_pages/SISS/SISS.html</a>
30/06/2010	MOBILWARE'10	The Third International ICST Conference on MOBILE Wireless Middleware, Operating Systems, and Applications	<a href="http://www.mobilware.org/2010/index.shtml">http://www.mobilware.org/2010/index.shtml</a>
18/07/2010	SENSORCOMM2010	The Fourth International Conference on Sensor Technologies and Applications	<a href="http://www.iaria.org/conferences2010/SENSORCOMM10.html">http://www.iaria.org/conferences2010/SENSORCOMM10.html</a>
22/08/2010	MeSSa 2010	1st International Workshop on Measurability of Security in Software Architectures	<a href="http://www.vtt.fi/sites/messa2010/">http://www.vtt.fi/sites/messa2010/</a>
22/08/2010	ECSA 2010	4th European Conference on Software Architecture	<a href="http://www.ecsa2010.org/">http://www.ecsa2010.org/</a>
23/08/2010	ruSMART2010	This conference will explore and explain the scope and challenges of smart spaces bringing together research professionals from diverse fields including but not limited to wireless communication, ubiquitous networks, software development, etc ...	<a href="http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=7474&amp;copyownerid=3280">http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=7474&amp;copyownerid=3280</a>
31/08/2010	EUROMICRO 2010	13th Euromicro Conference On Digital System Design Architectures, Methods and Tools	<a href="http://www.iuma.ulpgc.es/dsd2010/index.php?page=3">http://www.iuma.ulpgc.es/dsd2010/index.php?page=3</a>

21/09/2010	VL/HCC 2010	IEEE Symposium on Visual Languages and Human-Centric Computing 2010,	<a href="http://dei.inf.uc3m.es/vlhcc10/index.html">http://dei.inf.uc3m.es/vlhcc10/index.html</a>
26/09/2010	SASO 2010	4th IEEE International Conference on Self-Adaptive and Self-Organizing Systems.	<a href="http://www.saso-conference.org/">http://www.saso-conference.org/</a>
15/10/2010	Design Challenges	Design Challenges Mini-symposium	
25/10/2010	UBICOMM 2010	The Fourth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies	<a href="http://www.iaria.org/conferences2010/UBICOMM10.html">http://www.iaria.org/conferences2010/UBICOMM10.html</a>
26/10/2010	ARTEMIS & ITEA Co-Summit 2010		<a href="http://www.artemisia-association.org/cosummit_2010_home">http://www.artemisia-association.org/cosummit_2010_home</a>
03/11/2010	ECOMONDO 2010	Risparmio energetico e gestione della manutenzione: best practice per le costruzioni	<a href="http://www.cooperambiente.coop/convegni2010/icie.pdf">http://www.cooperambiente.coop/convegni2010/icie.pdf</a>
03/11/2010	DeSForM 2010	6th International Workshop on Design & Semantics of Form & Movement	<a href="http://www.desform.org/2010">http://www.desform.org/2010</a>
08/11/2010	Aml 2010	Ambient Intelligence, 1st international joint conference	
10/11/2010	8th FRUCT conference	FRUCT program on Finnish-Russian University Cooperation in Telecommunications	<a href="http://www.fruct.org/conference8">http://www.fruct.org/conference8</a>
30/11/2010	PSC Europe 2010	Forum for Public Safety Communication Europe is to foster, by consensus building, excellence in the development and use of public safety communications and information management systems as well as to improve the provision of public safety services.	<a href="http://www.psc-europe.eu/">http://www.psc-europe.eu/</a>
03/12/2010	FTF (Future Trends Forum)	The FTF is a unique think tank in Europe, focused on innovation.	<a href="http://www.fundacionbankinter.org/en">http://www.fundacionbankinter.org/en</a>
18/12/2010	DMDCM 2010	5th International Conference on Digital Media and Digital Content Management	<a href="http://dmdcm.cqut.edu.cn/">http://dmdcm.cqut.edu.cn/</a>
06/06/2011	8th ITS European Congress	8th ITS European Congress in Lyon	<a href="http://2011.itsineurope.com/">http://2011.itsineurope.com/</a>
	Automotive Interiors Expo 2010	Cancelled	
	Transport Research Arena	Cancelled	
	FRUCT program	The FRUCT program focuses on arranging an international group of students supervised by creditable experts which would push forward R&D work related to advanced information technologies promoting project-based training,	<a href="http://www.fruct.org">www.fruct.org</a>

### Channels (Media/National):

Date	Short Name	Description	URL
	VTT OPENS programme	VTT's spearhead programme which SOFIA belongs to	

### Channels (Media/International):

Date	Short Name	Description	URL
01/02/2010	INDRA's 2009 Annual Report	An annual report is published by INDRA making references to the most relevant project and companies' figures & statistics, innovation references, solutions and services by geographical vertical and horizontal markets as well stakeholders info.	
31/05/2010	Information & Software Journal	Information and Software Technology is the international archival journal focusing on research and experience that contributes to the improvement of software development practices. The journal's scope includes methods and techniques to better ...	<a href="http://www.elsevier.com/wps/fi">http://www.elsevier.com/wps/fi</a>
01/07/2010	NEO SOFIA 2010	Neo is our space dedicated to trends, ideas and innovation	<a href="http://www.indracompany.com/en/">http://www.indracompany.com/en/</a>
07/12/2010	EIT ICT-Labs in Espoo	Kickoff event	<a href="http://moss.vtt.fi/tyotilat/tk80/OpenSmartSpaces/Shared%20Documents/Projects/SOFIA%20-%20Artemis%20project/Smart%20Modeller/SmartModellerVideo.zip">http://moss.vtt.fi/tyotilat/tk80/OpenSmartSpaces/Shared%20Documents/Projects/SOFIA%20-%20Artemis%20project/Smart%20Modeller/SmartModellerVideo.zip</a>
26/10/2010	ARTEMISIA NEWS Nov'2010	ARTEMISIA Newsletter nº 16 Nov. 2010 release	<a href="http://www.artemisias-association.org/attachments/1123/ARTEMISIA_NEWS_No16_November_2010.pdf">http://www.artemisias-association.org/attachments/1123/ARTEMISIA_NEWS_No16_November_2010.pdf</a>
	INDRAWEB	Partner's internal website, main tool of communication between all INDRA's employees	
	INDRA's public portal	Neo is a bilingual digital publication (ES/EN) within Indra's public portal which disseminates ideas, innovation and trends and shares intelligence and case studies	<a href="http://www.indracompany.com/en/sostenibilidad-e-innovacion/neo%3A-trends%2C-ideas-and-innovation">http://www.indracompany.com/en/sostenibilidad-e-innovacion/neo%3A-trends%2C-ideas-and-innovation</a>
	ED WebTV	Partner's website, collecting videos related to ED business and activities. It is accessible also by Internet and transmitted on flat screens on the main sites of ED company. It is a way of dissemination to all ED's employees and customers.	<a href="http://edvmi.elsagdatamat.com/edtv/fullscreen.aspx">http://edvmi.elsagdatamat.com/edtv/fullscreen.aspx</a>
	SOURCEFORCE- M3	web-based source code repository. It acts as a centralized location for software developers to control and manage open source software development.	<a href="http://en.wikipedia.org/wiki/Sourceforce">en.wikipedia.org/wiki/Sourceforce</a>
	IGI Global Publications	IGI Global (IGI) is an international publishing company specializing in high-quality research publications in the fields of computer	
	Transactions on Edutainment	LNCS Transactions on Edutainment	<a href="http://www.springer.com/computer/lncs/transactions+edutainment?SGWID=0-159704-0-0-0">http://www.springer.com/computer/lncs/transactions+edutainment?SGWID=0-159704-0-0-0</a>

## 5. Exploitation by the SOFIA project partners

This chapter outlines the impacts and progression that project partners have achieved through the SOFIA results by December 2010.

### 5.1. Nokia

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	All	Planned	Improved time-to-market of Nokia solutions and increase in the new features contributed by developer community	
t12-36	IOP	Planned	Improved efficiency and user interface of Nokia devices through the use of local resources	
t12-36	IOP	Planned	Improved access to and cross-use of service internal features in Ovi by Nokia services	
t12-36	IOP	Planned	Improved mash-up application creation for physical devices, provide means for SMEs to rapidly innovate on top of Nokia's device platform	
t12-36	Technology	Planned	Improved energy efficiency of Nokia products	
t12-36	Use cases	Planned	Improved image of Nokia products, e.g. greenness	
t12-36	Use cases	Planned	Expansion of Nokia offering to new domains and business areas	

### 5.2. *Acciona Infraestructuras*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	Technology	Planned	Deploy project results in the development of innovative wireless architectures in buildings and public infrastructures. Building and public areas such metro stations maintenance is the area in which the improvements are expected.	

### 5.3. *Consorzio Cooperative Costruzioni*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t24-36	Technology	Planned	Deploy project results in the development of innovative wireless solutions devoted to the facility management of buildings	

### 5.4. *Conante*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t24	IOP	Planned	Inclusion of SOFIA technology in LumEnActive	
t36+	IOP	Planned	Inclusion of SOFIA technology in future Conante products	
t24+	Knowhow	Planned	Consulting and teaching of SOFIA technology to third parties	

### 5.5. *Ecole Polytechnique Fédérale de Lausanne*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise	Planned	Input to education and future research projects	
?	Technology	Planned	Consulting on IOP based public infrastructure solutions	

### 5.6. *Elsag Datamat*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	Technology	On going	Input for new research phases aimed at developing pre-production prototypes to be used for building, monitoring and controlling start environments. The development of new models for service providing in start environments and the study of new technologies for building, monitoring and controlling start environments will give Elsag Datamat a chance to increase its competition level and its offering in the area of integration and control of embedded systems. The project outcomes will be exploited as a first step toward Telecommunication market (addressing proposals toward network, service or information providers, both in Italy and abroad); later on they will be extended to other possibly interested markets, e.g. Utilities, Public Administration, Transports and Security.	Proposals to a customer of an evolution of a video-surveillance system based on SOFIA approach

t12-36	IOP	On going	Possible usage of SOFIA IOP as a multi-vendor interoperation platform, to build a technology-agnostic solution for service and information providers	Contacts and a meeting inside FinMeccanica group in order to promote SOFIA as the first choice for middleware at group level. Positive feedback in particular by group companies ALENIA and SELEX-SI.
t12-36	Knowhow	On going	Research and Development: the increased know-how in some of the areas covered by the project will constitute the basis for further research activities in fields related to the Artemis initiative.	A proposal for a new project based on SOFIA concepts was presented to Artemis Call 3rd (INCIPIT)
t12-36		On going	Cooperation and alliance with SOFIA partners for new joint projects and/or business oriented activities	Contacts with VTT for joint business-oriented activities. Work done with some on SOFIA partners (and new other partners) for the proposal of INCIPIT project.

### 5.7. European Software Institute - Tecnalía

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise ADK	Planned	New category of products and services under the corporate portfolio: SOFIT (Smart Objects for Internet of Things), where ADK elements will be used first as baselines of commercial training courses, and later as consultancy services to transfer the ADK technology to companies (starting with ESI Week 2010)	
?	ADK	Planned	Elements to system developers and integrators that will create commercial opportunities to different actors of the embedded system design, development and integration value chain	
?	IOP	Planned	Showcase to attract industrial design research interest in order to help	

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D7.44 V1.0	Confidentiality Level: PU (Public)	2011-01-11

			them exploit it	
?	Expertise	Planned	For future research projects	
?		Planned	Cooperation and alliance with SOFIA partners for new joint projects and/or business oriented activities	

### 5.8. Eurotech

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	Knowhow, Technology	Planned	Cooperate in promoting and adopting the SOFIA IOP paradigm in Eurotech's pervasive systems and single devices.	Eurotech is directly interested in adopting Sofia's technologies in its products, in order to guarantee interoperability with legacy systems and increase the interoperability of current and future products.
t1-36	Knowhow, Technology	Ongoing	Create a double link between Sofia and Eurotech Everywhere Software Framework (ESF), in order to let both platforms to take advantage from each other.	This activity consists mainly in the development of M3 localization based on OSGi (see Sofia Technical Annex).
t12-36	Research	Planned	Cooperate with SOFIA partners to propose new joint projects and/or business oriented activities.	
?	Expertise	Planned	The expertise acquired during the project will be exploited in future research projects.	
t12-36	Knowhow, Technology	Planned	Create new challenges and new research scenarios within Eurotech R&D division.	

### 5.9. Centro Ricerche FIAT

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	Technology	Planned	Deploy project results in the development of innovative in-vehicle wireless architectures (strategic)	A first important example has been already achieved with the prototype implementing the Media Follows User scenario developed within the WP1 together with NRC, NXP and VTT.
t24-36	Technology	Planned	CRF represents FIAT Automobiles in this project. The evolution of the	

			Blue&Me telematic platform will be made immediately available for the forthcoming on board telematic platforms. The impact in the exploitation will be therefore huge and in short term, as the market of the Blue&Me platform is rapidly growing	
t1-36	IOP	Planned	Cooperate in applying the SOFIA IOP paradigm in Smart Automotive contexts	The use cases already developed in the context of WP1, resulting in the Media Follows User scenario, have been designed and implemented following the SOFIA IOP paradigm.

### 5.10. **INDRA**

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t36	Knowhow	Planned	<p>INDRA will take advantage of its in-depth knowledge of SOFIA technology in order to design and develop services for its wide range of customers. We would like to mention the following examples:</p> <ul style="list-style-type: none"> <li>• Consultancy services and applications for mobile phone operators will be developed by the Telecom &amp; Media market of INDRA, They will use the applicable new capacities in devices, fruit of SOFIA research. These operators will offer them to its final customers.</li> <li>• INDRA, through its Security &amp; Defence market, will offer surveillance and localization systems of to its customers.</li> <li>• Surveillance and emergency systems will be offered to municipalities, hospitals and other public administrations through the Public Administration and Healthcare business area.</li> <li>• Other possible applications will be offered by Transport &amp; Traffic market of INDRA to its customers.</li> </ul>	

t36	Technology	Planned	All these projects will be presented and developed in any place of the world where INDRA has direct or indirect presence, through its subsidiaries. These projects will be developed by INDRA itself or in cooperation with other SOFIA partners.
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### 5.11. Meshworks Wireless

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	IOP	Planned	SOFIA framework will be integrated into MWW's next generation WSN products and solutions. The plan is that SOFIA framework will be used e.g. in applications like cold chain control (CCC), in-door air quality monitoring, asset management, machine remote diagnostics and smart-energy and smart-grid applications.	
t12-36	Knowhow	Planned	Provide consultancy and R&D services for customers aligning their activities with SOFIA architecture	

### 5.12. Nextworks

Exploitation of the SOFIA results has progressed as follows in two different market areas addressed by two divisions in the company:

Time	Result	Status	Nature of exploitation	Details/ Progress
t12-36	Knowhow	Planned	Research and Development and consultancy: the increased visibility at European level and the increased know-how in the SOFIA technological areas will bring in new opportunities for specific consultancy and for job on requests, and will constitute the basis for further research activities in the fields relevant to the Artemis initiative	

t12-36	Technology	Planned	Product development: the SOFIA interoperability concepts and the software components developed by the company will be integrated in pre-production prototypes in order to evaluate the impact of the newly designed products for the national and worldwide market, especially in the high-end residential and luxury yachting markets	As stated in the TA work plan, until T12 no SOFIA IOP concepts have been integrated in the software components developed by the company.
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### 5.13. *NXP Semiconductors*

The project is in an early stage; therefore no exploitation of the results of Sofia has been made yet. The future plan will be to use these results in smart lighting controls (WP2).

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise	Planned	Understand market and application requirements and adapt our products accordingly, in market segments such as Car Entertainment Solutions and Solid State Lighting, and potentially Home Automation and Smart Grid	
?	Technology	Planned	Build systems based on technologies and concepts developed within the Sofia project to communicate with our customers and help them enable develop cooperative systems	
?		Planned	Understand cooperative systems and build low power platforms by e.g. implementing functions for interoperability in HW where possible	

### 5.14. *Philips Research Laboratories Eindhoven*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise	Planned	Understand Porter's Five Competitive Forces: Suppliers, Customers, New entrants, SOFIA proposition to know how to enter the market	

?	Technology	Planned	Build systems that use the SOFIA architecture framework. Prospective product categories are in the field of ambient assisted living and social connectedness, especially those products that bond and inform remote family members about each other's well-being, provide piece of mind of informal care givers and give support of professional care providers for personalized care.
?		Planned	Cooperating closely with academic and industrial partners within the SOFIA consortium to work at possible end user products

### 5.15. *Twente Institute for Wireless and Mobile Communications B.V.*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise	Planned	Contract Research that WMC conducts for national and international companies	
?	IOP	Planned	Possible usage of SOFIA IOP in our ad-hoc radio communications infrastructure product line	
?		Planned	Improved embedded systems development and usage in WMC	

### 5.16. *University of Bologna*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
t9-36	Expertise/Promotion	Ongoing/Planned	Impact on quality of students project, focused on turning environments into smart environments (undergraduate, graduate and PhD) at ARCES, University of Bologna	

t15-36	Expertise/Promotion	Ongoing	Exploitation of the Smart M3 platform in UNIBO courses (a 3 cfu lab with mandatory student projects using SmartM3)	Updated 11/03/2010
t21-36	Expertise/Promotion	Planned	relevant technical impact on the new postgraduate course of "Mobile Systems M", included in the "Laurea Magistrale in Computer Engineering" at UnBo, in Bologna	
t21-36	Expertise/Promotion	Planned	Relevant technical impact on the postgraduate course of "Hardware-Software Design Methodologies", for the Laurea Magistrale in Computer Engineering and Electronics in Bologna	
t12-36	Expertise/Promotion	Ongoing/Planned	Relevant technical impact on the postgraduate course of "Wireless Systems and Networks", for the Laurea Specialistica and Laurea Magistrale in Computer Science at UnBo in Bologna (instructor: Luciano Bononi)	
t12-36	Expertise/Promotion	Ongoing/Planned	Relevant technical impact on the postgraduate course of "Simulation", for the Laurea Specialistica and Laurea Magistrale in Computer Science at UnBo in Bologna (instructor: Luciano Bononi and Lorenzo Donatiello)	
t12-36	Expertise	Planned	Expertise on smart environments gained within the project  is intended to lead to joint research with the industry (one-to-one contracts or EU projects)	

### 5.17. *Technical University of Eindhoven*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?	Expertise	Planned	Excellent showcase to bring forward the focus of industrial design research at TU/e on intelligent products, systems and services	
?	Expertise	Planned	Input to both education and future research projects	
?		Planned	Cooperating closely with international industrial partners such as Philips and NXP in the SOFIA project, the design results can be used and further developed into commercial products	

### 5.18. *University of Rome La Sapienza*

Exploitation of the SOFIA results has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
?		Planned	Cooperation and alliance with other SOFIA partners for new joint projects and/or business oriented activities	
?	Expertise	Planned	Training activities and materials for students and users of the IOP, generating education materials and defining courses and lessons focused on the issues and topics addressed by SOFIA	
?	Technology	Planned	Designing solutions for smart cities, devoted to increasing citizens safety, monitoring public infrastructures and monitoring citizens in large scale public events by means of cooperation with local SME	
?	Technology	Planned	Enabling exploitation of technologies by means of spin-offs and joint industrial initiatives with local companies	

### 5.19. VTT Technical Research Centre of Finland

Exploitation of the SOFIA has progressed as follows:

Time	Result	Status	Nature of exploitation	Details/ Progress
T1-t36	Technology	Ongoing	<p>In upcoming research projects with companies and joint research projects with European academic and industry.</p> <p>Goal: transformation of SOFIA developments into other application areas.</p>	<p><b>Completed:</b></p> <p>OPUTE project started.</p> <p>Hydra-Pobicos-Sofia Collaboration workshop in Brussels 22 Feb. 2010.</p> <p>Pobicos presentation in Sofia seminar 24 Feb. 2010.</p> <p>One EU projects started to apply Smart-M3 in the project developments; two other considering the use of Smart-M3.</p> <p>Under construction: A combined demonstration with Pobicos, Evolve and Cam4Home.</p> <p>Under negotiation: Visiting researcher from Spain.</p>
T1-t36	Technology	Ongoing	<p>Ontology enriched application design and quality evaluation and management</p> <p>In new opportunities for enhancing and extending our competence and knowledge portfolio related to the quality and model driven service architecture design and evaluation and related methods, techniques and tools</p> <p>Goal: improved knowledge and offerings to industry</p>	<p><b>Completed:</b></p> <p>SmartModeller available under BSD license.</p> <p>SmartModeller evaluated by UNIBO, feedback to be given in SISS 2010.</p> <p>Under work:</p> <p>SmartModeller to be applied in a joint demo with UNIBO.</p> <p>SmartModeller in use in demo 2 construction.</p> <p>Scalability and performance evaluation method in the application phase..</p> <p>Run-time security adaptation concept under work.</p> <p>Demo 1 and 2 introduced to the IPR and AR departments of VTT.</p>
T1-t36	Technology	Ongoing	Developing new technology offerings to	IQV is tool as an offering, to be introduced to Finnish companies and demonstrated to the



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			industrial companies Goal: creation of new offerings	Sofia partners in SISS 2010.
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## 6. Summary

The dissemination and exploitation activities tackled by the work packages and project partners until the present moment have matched the planning and even extended the programmed activities. In this sense, these activities have satisfactorily started the distribution of SOFIA technology and expertise in many sectors: education; academic visibility; consultancy; partner internal product development; and partner's supplier and customer networks.

During 2011 SOFIA partners will continue focusing their efforts on dissemination with special emphasis on pilots' dissemination.