



ARCADIA

A novel reconfigurable by design highly distributed applications development paradigm over programmable infrastructure

Deliverable D6.3

Dissemination Activities Report V2

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Editor(s):	K. Tsagkaris (WINGS), N. Koutsouris (WINGS), P. Gouvas (UBITECH)
Contributor(s):	A. Voulikidis, E. Tzifa (WINGS), E. Fotopoulou, C. Vassilakis, A. Zafeiropoulos (UBITECH), M. Repetto (CNIT), S. Covaci, T. Quang (TUB), A. Rossini (SINTEF), J. Sterle (UL), A. Duzha (MAGGIOLI), R. Bratskas, G. Kioumourtzis, E. Charalampous (ADITESS), L. Porwol (NUIG)
Reviewer(s):	Tran Quang Thanh, Stefan Covaci (TUB)
Approved by:	All Partners

Abstract:	This document describes the activities that have taken place with regards to dissemination of the work and relative results of all the work packages achieved during the second year of the ARCADIA project.
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Consortium

1.	Coordinator	Insight Centre for Data Analytics, National University of Ireland, Galway	NUIG	Ireland
2.	R&D partner	Stiftelsen SINTEF	SINTEF	Norway
3.	R&D partner	Technische Universität Berlin	TUB	Germany
4.	R&D partner	Consorzio Nazionale Interuniversitario per le Telecomunicazioni	CNIT	Italy
5.	R&D partner	Univerza v Ljubljani	UL	Slovenia
6.	SME partner	GIOUMPITEK – Meleti Schediasmos Ylopoiisi kai Polisi Ergon Pliroforikis EPE	UBITECH	Greece
7.	SME partner	WINGS ICT Solutions Information & Communication Technologies EPE	WINGS	Greece
8.	Industrial partner	Maggioli S.p.A.	MAGGIOLI	Italy
9.	SME partner	ADITESS Advanced Integrated Technology Solutions and Services Ltd.	ADITESS	Cyprus

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This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

Executive Summary

This dissemination report describes the activities that have taken place with regards to dissemination in the second year of the project towards (i) the scientific community, (ii) industry and (iii) general public. The dissemination tools and channels are ranging from the project website to social media tools. The project's dissemination results in the second year are presented and a list of publications, talks and presentations are provided. Selected events and planned activities are also listed, as well as an outlook to future work related to dissemination.

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1 Introduction

1.1 Purpose and Scope

This deliverable provides an outline of the dissemination strategy and contains facts on the performed dissemination activities. More specifically, it refers to events and activities that took place in the second year of the project, namely 2016.

The dissemination report is updated on an annual basis in order to depict the current status and it is related to the deliverable D6.8 Business Plan and Innovation Management, which highlights various activities undertaken aiming at creating a positive impact to the software development community and a further uptake of the ARCADIA project results in other exploitation activities.

1.2 Relation with other WPs

All the work packages have provided input to this deliverable, as all the aspects of the work done so far in the project have been included in the several dissemination activities that are mentioned in more detail in section 4. Since the main objective of all dissemination and exploitation activities in ARCADIA is to maximize the visibility and sustainability of the project outcomes, a coordinated approach in diverse dissemination and exploitation activities is necessary, and all partners are actively contributing.

2 Dissemination Methodology

The methodology that has been followed so far in the ARCADIA project hasn't changed, and it has two main objectives. The first is to make the industrial and scientific community aware of the project developments and results, by presenting the ARCADIA framework, its innovative concepts and the multiple deriving benefits.

The second objective is to promote and advertise the platform to interested stakeholders and to network with third parties that can add value to ARCADIA outcomes and support the ARCADIA development paradigm. The ultimate goal, in this case, is the adoption of ARCADIA by a wide number of final users.

2.1 Dissemination approach

In the second year of the ARCADIA project, further steps for realizing the decided dissemination approach have been made. Specific actions have been done, aiming to link the market analysis on the one hand and the dissemination activities on the other, so as to be more focused and to facilitate exploitation. Moreover, dissemination activities of WP6 are always linked to the other work packages in order to maximize their effectiveness.

The basic interactions involve the following:

- Market Analysis and Exploitation Plan (requirements, potential customers, potential competitors)
- ARCADIA platform functionalities (develop something valuable for potential users, describe benefits)
- Dissemination actions (as also described in the next subsection)
- Selling strategies (exploitation plan)
- Customer support (exploitation plan)

Based on the market analysis and the exploitation plan, the dissemination strategy requires interactions with IT companies, manufacturers and of course software developers and service providers, who can be seen as the final users or customers of the ARCADIA platform.

The followed dissemination approach comprises an iterative analysis of:

- IT companies in the different areas of technological domains which could distribute the ARCADIA platform or offer compatible products
- Software developers and Service providers that are interested in adopting the ARCADIA development paradigm in order to take advantage of the numerous benefits that is able to offer
- Competitors of the technological solutions, to better position the platform on the market
- Universities and research centres to support the monitoring of the market and the progress beyond the state of the art that it is achieved through the research activities.

2.2 Channels of dissemination

A task that has to be done is to identify more exhaustively the potential business stakeholders and then, all of them have to be informed about the results of the project. The various dissemination actions will target to direct contacts, as well as indirect contacts, as presented in the following.

Direct contacts by means of:

- The research community
- Industries and companies
- Developer communities (meetings/seminars with groups of users)

Indirect contact (“rain approach”) by means of:

- Publications/Articles on specialized magazines
- Advertising on magazines, internet sites, newsletters, etc.
- Leaflet, posters, DVD, etc. (dissemination package)

3 Dissemination plan

The ARCADIA project targets to achieve two main objectives:

- To leverage the reconfigurability aspects of highly distributed applications, incorporating technological and business requirements coming from the industry, the research community, the software development enterprises and application users into a flexible and scalable framework for developing and deploying highly distributed applications over programmable and re-configurable infrastructure
- to facilitate the design of highly distributed applications, as well as their development, deployment and dynamic configuration over programmable infrastructure, by designing and incorporating a sophisticated Context Model that will conceptualize dynamic configuration and programmable aspects of underlying resources that are required by HDAs along with the associated IDE plugin that will assist Developers use the Context-Model in a “proper” way

To reflect both objectives, dissemination activities are targeting to:

- Research Community: dissemination of scientific results achieved in ARCADIA through publications at conferences and workshops
- Developers/Technical Community: IT partners who support industrial oriented external dissemination towards technical events, targeted seminars, workshops and conferences

3.1 Event categories

No	Event	Description	Target group
1	Participation in international and national IT conferences	Participation in scientific conferences on software development and system configuration topics. Conferences can be international or national. Universities and Research Institutes take part in this activity. Reports are made in conferences and papers are published in conference proceedings	Scientists, researchers, high-quality designers and developers, representatives of well-known IT companies
2	Submission of articles to scientific journals	Submission articles to scientific journals. The articles in international journals and magazines should be related to ARCADIA topics especially software development and system configuration. Universities and Research Institutes take part in this activity	Scientists, researchers
3	International scientific workshops	International scientific workshops on especially software development and system configuration	Scientists, researchers, high-quality designers and developers, representatives of

			well-known IT companies
4	Software developers oriented dissemination workshops	Software developers oriented workshops for bringing project ideas and results to users	Software developers, managers and executives of IT companies
5	Electronic advertising of project results through the Internet	Electronic advertising of project results through the Internet: distribution of Newsletter and other information through the Web; creation of a project's website open to the public; electronic mailing of information and announcements, etc.	All interested stakeholders
6	Presentation ideas and results in the mass media	Presentation ideas and results through public newsletters, magazines as well as radio and TV	All interested stakeholders
7	Presentation of results at the exhibitions and fairs	Presentation results at the national and international exhibitions, fairs and other expositions	All interested stakeholders
8	Presentation of ideas and results via immediate and distance studies	Presentation of ideas, theoretical issues and results by lectures for students	Academic community (students and professors)

Table 1: Event categories

4 Dissemination activities report

4.1 Overview of year 2

In the second year of the project, the partners have already participated in a number of dissemination activities, as it is briefly presented in the following. More specifically, members of the consortium have presented the ARCADIA concepts and ideas at various workshops and conferences worldwide, have attended four cluster meetings and have organized internal meetings in their organizations in order to inform their colleagues on the aims, the ambitions and the research efforts within ARCADIA.

Of course, it has to be noted that in July 2016 the first ARCADIA workshop was held in Athens during the EuCNC 2016 conference [1]. The workshop gave insights on the ARCADIA architecture, on-going work, prototype implementation, and established connections with other related initiatives. The workshop included the presentation of the ARCADIA project, presentations from the industry, and presentations from other EU projects. Following the invited speeches, a panel was organized to discuss the relevance of the ARCADIA framework to the evolving cloud landscape, to highlight novel trends that have emerged after the project proposal, to reinforce collaboration with parallel EU projects, and to gather suggestions, ideas and remarks in order to improve the project. To this aim, members of the Advisory Board were invited to attend the workshop. More details can be found in the ARCADIA deliverable D6.11.

Moreover, on September 12th, 2016 the second ARCADIA workshop (PROCON 2016) was held in conjunction with the ITC 28 [2] in Würzburg, Germany. ITC 28 is technically co-sponsored by IEEE Communications Society (IEEE ComSoc) and the Information Technology Society within VDE (ITG VDE) and in cooperation with ACM SIGCOMM. The PROCON 2016 provided a forum for leading researchers from academia and industry to present and discuss the latest advances and developments in design, modelling, measurement, and performance evaluation of communication systems, networks, and services with special interests in the development of highly distributed applications and cloud infrastructures. Additionally, a platform for Fog Computing was presented, as well as topics related to Software-Defined Networking and Cloud Service Placement were discussed. More details can be found in the ARCADIA deliverable D6.12.

Some more details on the workshops and conferences where ARCADIA was promoted are provided below. The NET FUTURES conference [3] gathers annually over 1.000 attendees and its main objective is to maximize competitiveness of the European technology industry by forming an interconnected community involving companies, organizations and people in various sectors, like e.g. Research & Innovation, Market Validation & Living Lab Research, Business Development, Entrepreneurship & Enterprise Strategy, Policy Making. The core concept is that if the gaps between these communities are bridged, innovations will more easily and effectively find their way to the market.

EuCNC [1] is another successful and well known technical conference in the field of telecommunications, sponsored by the European Commission. It is considered as a cornerstone event for research in advanced networks and associated topics, with multiple exciting sessions, workshops, exhibitions/demonstrations, as well as an outstanding social program that allows useful interactions. In the era of the global challenges of the digital age, Europe has to be ready to create and pursue opportunities focused and centered on digital technologies.

The EAI International Conference on Interoperability in IoT [4] is an event endorsed by the European Alliance for Innovation [5], a leading community-based organisation devoted to the advancement of innovation in the field of ICT. The goal of this conference is to bring together practising engineers and advanced researchers

to share the state-of-the-art around interoperability in the IoT, analyse what is needed, and identify the work that lies ahead to increase the number of interoperable IoT products.

The International Conference on Communications and Electronics (ICCE) [6] is a prestige bi-annual international conference series in the area of Electronics and Communications. The conference focuses on various topics in communications engineering, networking, microwave engineering, signal processing and electronic engineering, and also it includes tutorials, workshops, and technology panels given by world-class speakers.

UCC (Utility and Cloud Computing) [7] is the premier IEEE/ACM conference covering all areas related to Cloud Computing as a Utility and provides an international forum for leading researchers and practitioners in this important and growing field. In the context of this conference, the Sustainable Data Center and Cloud Computing Workshop (SD3C) was organized to tackle specific aspects of energy efficiency for computing infrastructure. Data centre energy consumption doubled between 2000 and 2005 and grew by 50% from 2005 to 2010. On average, computing consumes 60% of the total energy, whereas cooling consumes 35%. Although new technologies can lead to a 40% reduction, computation and cooling typically operate without coordination or optimisation. Server energy management can reduce energy consumption at the CPU, rack, and DC levels, but dynamic computation scheduling is not integrated with sensing and cooling. The objective of this workshop is to bring together researchers and technologists from academia and industry to explore the topic of sustainability of data centre and cloud computing, particularly from an energy perspective.

ARCADIA information and activities have regularly updated not only on the official website but also by all ARCADIA members. University of Ljubljana has prepared ARCADIA press materials, Press release, news article, tweet and Facebook posts about ARCADIA in Slovenian language, targeting ICT audience, LTFE community and the LTFE website [8]. MAGGIOLI has translated ARCADIA Press Releases into the Italian language. SINTEF and TUB have published the ARCADIA press release on their website [9] [10].

4.2 Published scientific papers

The scientific published by ARCADIA members in the year 2016 are presented as follows:

- R. Bruschi, A. Carrega & F. Davoli, "A Game for Energy-Aware Allocation of Virtualized Network Functions," *Journal of Electrical and Computer Engineering*, vol. 2016, 10 pages, January 2016.
- T. Q. Thanh, A. M. Medhat, A. Elmangoush, G. Carella, A. Willner, S. Covaci & Th. Magedanz, "Enabling Future Internet Testbeds with Open Source Software", *European Conference on Networks and Communications (EUCNC 2016)*, June 27-30, 2016, Athens, Greece.
- A. M. Medhat, T. Q. Thanh, G. Carella, S. Covaci & Th. Magedanz, "Orchestrating Service Function Chaining in Cloud Environments", *International Conference on Communications and Electronics (ICCE 2016)*, July 27-29, 2016 Ha Long Bay, Viet Nam.
- Ahmed M. Medhat, Tarik Taleb, Asma Elmangoush, Giuseppe Carella, Stefan Covaci, Thomas Magedanz, "Service Function Chaining in Next Generation Networks: State of the Art and Research Challenges", *IEEE Communications Magazine*, October 2016
- T. Q. Thanh, S. Covaci, Th. Magedanz, P. Gouvas, A. Zafeiropoulos, "Embedding Security and Privacy into the Development and Operation of Cloud Applications and Services", *17th International Network Strategy and Planning Symposium*, September 2016.

- P. Gouvas, C. Vassilakis, E. Fotopoulou & A. Zafeiropoulos, “A Novel Reconfigurable-by-Design Highly Distributed Applications Development Paradigm Over Programmable Infrastructure”, PROCON 2016 Workshop, ITC 28 Conference, September 2016, Würzburg, Germany.
- P. Gouvas, E. Fotopoulou, A. Zafeiropoulos & C. Vassilakis, “A Context Model and Policies Management Framework for Reconfigurable-by-design Distributed Applications”, Cloud Forward Conference 2016, October 2016, Madrid, Spain.
- G. Casalea, C. Chestaa, P. Deussena, E. Di Nitto, P. Gouvas, S. Koussouris, V. Stankovski, A. Symeonidis, V. Vlassiou, A. Zafeiropoulos & Z. Zhaoa, Current and Future Challenges of Software Engineering for Services and Applications, Cloud Forward Conference 2016, October 2016, Madrid, Spain.
- Carrega, M. Repetto, “Exploiting Novel Software Development Paradigms to Increase the Sustainability of Data Centers”, Second International Workshop on Sustainable Data Centres and Cloud Computing (SD3C), December 2016, Shanghai, China.
- Daniel Seybold, Jörg Domaschka, Alessandro Rossini, Christopher B. Hauser, Frank Griesinger, Athanasios Tsitsipas. Experiences of Models@run-time with EMF and CDO. In SLE 2016: 9th ACM SIGPLAN International Conference on Software Language Engineering, 2016
- Nikos Koutsouris, Apostolos Voukidis, Kostas Tsagkaris, "A framework to support interoperability in IoT and facilitate the development and deployment of highly distributed cloud applications", 2nd EAI International Conference on Interoperability in IoT, October 26–27, 2016, Paris, France.

4.3 Attended events

No	Event	When and where	Who	Description
1	NetFutures 2016 (http://netfutures2016.eu/)	Brussels, Belgium, April 20 - 21	UBITECH	Participation to EU Cluster meetings for “Software Engineering for Services and Applications” and “Novel approaches and technologies for Cloud resource and service management (NATRES)”. Demonstration of the ARCADIA Smart Controller and Development Toolkit. Presentation of the ARCADIA poster.

2	<p>EuCNC 2016 (http://www.eucnc.eu/2016)</p>	<p>Athens, Greece, June 27-30</p>	<p>CNIT, UBITECH, WINGS, TUB</p>	<p>Organization of Special Session on Software engineering approaches aligned with the Softwarization of Networks and Services. The special session provided an overview of on-going work in the EU Horizon 2020 projects ARCADIA and INPUT, presentation of related initiatives, and contributions from other researchers and projects. The main goal achieved was to share bleeding-edge knowledge, to cluster complementary activities, and to stimulate the synergy and cooperation from different technology domains and research projects.</p>
3	<p>ICCE (http://www.icce-2016.org/)</p>	<p>Ha Long, Vietnam, July 27-29</p>	<p>TUB</p>	<p>Presentation of paper entitled “Orchestrating Service Function Chaining in Cloud Environments”</p>
4	<p>PROCON workshop (http://procon-workshop.com/)</p>	<p>Wurzburg, Germany, September 12</p>	<p>UBITECH, CNIT, TUB</p>	<p>Organization of the First International Workshop on Programmability for Cloud Networks and Applications. Presentation of the</p>

				<p>paper entitled “A Novel Reconfigurable-by-Design Highly Distributed Applications Development Paradigm Over Programmable Infrastructure”. ARCADIA Smart Controller and Development Toolkit demonstration.</p>
5	<p>Networks (http://networks2016.etsmtl.ca/)</p>	<p>Montreal, Canada, September 26-28</p>	TUB	<p>Presentation of paper entitled “Embedding Security and Privacy into the Development and Operation of Cloud Applications and Services”</p>
6	<p>Exploitation booster workshop 2016</p>	<p>Brussels, Belgium, October 3</p>	UBITECH	<p>Participation in the EC Common Exploitation Booster service: Brokering & Pitching Event.</p>
7	<p>CloudForward 2016 (http://cf2016.holacloud.eu/)</p>	<p>Madrid, Spain, October 18 - 20</p>	UBITECH	<p>Participation to EU Cluster meetings for “Software Engineering for Services and Applications” and “Novel approaches and technologies for Cloud resource and service management (NATRES)”. Presentation of a paper entitled “A Context Model and Policies Management</p>

				Framework for Reconfigurable-by-design Distributed Applications”. ARCADIA Smart Controller and Development Toolkit demonstration at the demo session.
8	InterIoT (http://interoperabilityiot.org/2016/)	Paris, France, October 26	WINGS	Presentation of a paper about “A framework to support interoperability in IoT and facilitate the development and deployment of highly distributed cloud applications”
9	FUSECO Forum (https://www.fokus.fraunhofer.de/fuseco-forum-2016/)	Berlin, Germany, November 3-4	TUB	Introducing ARCADIA (brochure, discussion) with interested audiences.
10	PaasWord Workshop (https://www.paasword.eu/2016/11/17/1st-cloud-security-industrial-focus-group-workshop/)	Athens, Greece, November 11	UBITECH	ARCADIA Smart Controller and Development Toolkit demonstration.
11	SD3C workshop (https://www.zurich.ibm.com/sd3c/)	Shanghai, China December 6-9	CNIT	Presentation of paper entitled “Exploiting Novel Software Development Paradigms to Increase the Sustainability of Data Centers”
12	FIWARE Summit (https://www.fiware.org/summit/)	Malaga, Spain, December 13-15	CNIT	The Summit was a large FIWARE event where all the Community met and share their experience. ARCADIA

				may represent an innovative tool to build applications that exploits FIWARE open API.
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Table 2: Attended events

4.4 Other activities

No	Event	When and where	Who	Description
1	Software Engineering for Services and Applications Cluster [11]	Online collaboration	Anastasios Zafeiropoulos, UBITECH	Presentation of ARCADIA concepts - Contribution on behalf of ARCADIA to various activities
2	New Approaches for Infrastructure Services Cluster [12]	Online collaboration	Anastasios Zafeiropoulos, UBITECH	Presentation of ARCADIA concepts - Contribution on behalf of ARCADIA to various activities

Table 3: Other dissemination activities

5 Planned activities

5.1 Scientific Dissemination Planning

In the last year of the project, ARCADIA will hold and participate in several scientific dissemination events. Specifically, the 3rd ARCADIA workshop is planned where ARCADIA results and demo will be presented. Moreover, based on theoretical, development and evaluation works, members of the ARCADIA consortium plan to introduce ARCADIA scientific results to broader audiences through papers/articles and participating in not only previous events (e.g. European Conference on Networks and Communication - EuCNC 2017, International Teletraffic Congress - ITC 29) but also other popular events worldwide (e.g. International Symposium on Integrated Network Management - IM 2017, International Conference on Network Softwarization - NetSoft 2017, Global Communication Conference - Globecom 2017). In addition to that, a join paper about the usage of ARCADIA framework targeting 5G domain is current ongoing preparation.

5.2 Clustering planning

Members of the ARCADIA Consortium are participating in clustering activities. They have attended a number of events that focused on clustering and harmonization within the EU. These activities are used to increase awareness for the ARCADIA project and to create synergies with other research projects in the field.

More specifically, ARCADIA contributes to the “New Approaches for Infrastructure Services” [12] and the “Software Engineering for Services and Applications” [11] cluster activities. The former intends to be a forum for discussing the current research and innovation challenges encountered at infrastructure-as-a-service level generated by the desire to improve the user experiences and the efficient use of the available resources. The current trends are including the integration of special devices from high-performance computing ones to mobile devices, the design of decentralised service-oriented systems, the improvement of the virtualization technologies, the overcome of portability and interoperability issues, or the automation the organisation and management of the back-end resources. Cloud-based applications from the fields of Internet-of-Things and Big Data are expected to challenge the new services. The latter aims at facilitating the discussion among the experts in the area to exchange experiences and competences and to identify research directions and challenges as well as common plans to address them. In particular, the specific objectives being pursued by the cluster are:

- identify complementarities and synergies as well as possibilities for collaboration/results adoptions between projects;
- identify new challenges and trends to influence the European research agenda;
- organize common dissemination (publications, training and workshops);
- identify effective go-to-market strategies for the outcomes of research projects.

5.3 Standardization

The Topology and Orchestration Specification for Cloud Applications (TOSCA) is a specification developed by the OASIS consortium. TOSCA provides a language for specifying the components comprising the topology of cloud applications along with the processes for their orchestration. It supports the specification of types and templates, but not instances, in deployment models. The ARCADIA Context Model, in contrast, supports the

specification of types, templates, and instances. In its current form, TOSCA can only be used at design-time, while the ARCADIA Context Model can be used at both design-time and run-time.

As part of the joint standardisation effort of MODAClouds, PaaSage, and ARCADIA, SINTEF presented the models@run-time approach to the TOSCA Technical Committee (TC) and proposed to form an ad hoc group to investigate how TOSCA could be extended to support this approach. The TC welcomed this proposal and approved the formation of the Instance Model Ad Hoc group in October 2015. The group is currently co-led by Alessandro Rossini from SINTEF and Derek Palma from Vnomic and has biweekly meetings to discuss the requirements and the design of the TOSCA Instance Model. The work performed in this group will guarantee that the contribution of the ARCADIA Context Model will partly be integrated into the standard.

The Germany Institute of Standardization (Deutsches Institut für Normung – DIN) has initiated the process to develop a DIN SPEC (with the planned document number DIN SPEC 91337) in accordance with the PAS procedure dealing with "Unified Application Management Interface for Cloud Application Platforms". This DIN SPEC is specifying requirements for application programming interfaces (API) for applications on cloud platforms with the aim of optimizing the interoperability between platform-as-a-service solutions, tools and value-added services offered by third party providers. Contribution on behalf of the ARCADIA project is provided by UBITECH. After publishing the respective business plan for four weeks on the DIN Website for comments and objections, the overall editing process has been officially launched with a kick-off meeting that took place in DIN premises in Berlin, on March 17th, 2016. UBITECH has actively participated in the kick-off meeting of DIN SPEC 91337; wherein the workshop members selected UBITECH's R&D Director Dr. Panagiotis Gouvas for the role of the Workshop Leader. The specification is envisaged to be released by the beginning of 2017.

5.4 Public dissemination

MAGGIOLI has participated at the 8th Police Winter Forum held on February 25th-26th in Trento, Italy and the 35th National Congress of the Local Police held on September 15th-17th, in Riccione, Italy where a detailed presentation of the project was made, with particular emphasis on the High-Performance Survivable Communication in Distributed IoT Deployments use case. We also organized various formal meetings with representatives¹ of the Municipality of Rimini in order to raise awareness and promote ARCADIA outcomes to the local public authorities. A similar meeting will be arranged with the Municipality of Cesena and Forlì in the first quarter of next year based on their availability.

ADITESS has accomplished the below meetings with different Cypriot stakeholders, where ARCADIA Project has been presented, and potential ways of collaboration in dissemination and exploitation took place:

- a) Academic Community:
 - 1. University of Cyprus. A meeting took place with KIOS Research Centre for Intelligent Systems and Networks that operates within the University of Cyprus.
 - 2. European University Cyprus. A meeting took place with Christos Dimopoulos -Dean of Engineering School
- b) Institutions

¹ Persons involved: *Councilor for Digital Innovation, Research and Development, Councilor for Safety, Legality and Public Health, Councilor for Economic Development.*

1. Research Promotion Foundation. The Foundation's core objective is the promotion of scientific and technological research in Cyprus. Moreover, the RPF is the contact point of EEN Cyprus - Enterprise Europe Network in Cyprus that aims in contributing to the qualitative improvement of domestic enterprises and to strengthen their competitiveness targeting to expand their presence in international markets. During the meeting, different tools of dissemination & exploitation were discussed.
2. An internal meeting with the Office of Electronic Communications & Postal Regulations (OCECPR) in Cyprus, took place.

As regards the 2017 dissemination goals, ADITESS aims in distributing the project outcomes and technology achievement to the Cyprus Start-up Environment and all stakeholders (academia, software engineers, programmers, Business Angels and Venture capital) related to this environment. ARCADIA result is also planned to demonstrate at the CEBIT 2017 exhibition [13] (UBITECH) and FUSECO Forum 2017 [14] (TUB)

6 Conclusions

This deliverable has provided a detailed view of the dissemination activities that have been performed in the second year of the ARCADIA project. An extensive list of published scientific papers and attended events has been included. Furthermore, the planned activities related to dissemination have been outlined.

Annex I: References

- [1] EuCNC 2016, <http://www.eucnc.eu/2016/www.eucnc.eu/>
- [2] ITC 28, <https://itc28.org/>
- [3] Net Futures 2016, <http://netfutures2016.eu/>
- [4] 2nd EAI International Conference on Interoperability in IoT, <http://interoperabilityiot.org/2016/show/home>
- [5] European Alliance for Innovation, <http://eai.eu/>
- [6] ICCE 2016, <http://www.icce-2016.org/>
- [7] International Conference on Utility and Cloud Computing, <http://computing.derby.ac.uk/ucc2016/>
- [8] <http://www.ltfe.org/projekti/arcadia-nov-koncept-razvoja-visoko-porazdljenih-aplikacij-z-vgrajeno-rekonfigurabilnostjo/>
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