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Project Title:

## **ORganizational Behaviour improvement for Energy Efficient administrative public offices**



### **OrbEEt**

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**Collaborative Project**

#### **Public Summary**

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Task	<b>T5.2 Dissemination &amp; Communication Activities</b>
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# 1. DISSEMINATION ACTIVITIES REPORT (1<sup>ST</sup> & 2<sup>ND</sup> YEAR)

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In this section we are presenting a summary of the different activities performed during the 1<sup>st</sup> and 2<sup>nd</sup> year, as documented in D5.2 and D5.8.

## 1.1 Summary of all activities performed during the first and second year of the project

Below is presented a table summarizing all that have been performed during the first twelve months of the project:

*Table 1 Dissemination activities performed during the first year of the project*

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
<b>Month 1 – Month 12</b>							
<b>1<sup>st</sup> year of the project</b>	1	since June 2015	Web presence	SOL	Update of ORBEET web site and social media channels	N/A	Scientific, industry, wider public, social media
	2	since June 2015	Web dissemination	ALL	Project logo/reference/links to the project web page placed on the Consortium partners websites	N/A	Wider public, industry
	3	since June 2015	Social Media Presence	ALL	Accounts in the Social networks were opened to reach general public and stakeholders, to exchange project's ideas and the news.	N/A	Wider public, industry
	4	since June 2015	Project poster and leaflet	BAL / ALL	Created to serve as dissemination materials informing about the project	Distributed during workshops performed and general project events. Also electronically disseminated and can be downloaded from the project webpage.	Scientific, industry, wider public, end-users
	5	2015	Press release	SOL	OrbEEt at a glance published in <a href="http://smarcities-infosystem.eu">http://smarcities-infosystem.eu</a>	N/A	Scientific

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
	6	8-9 October 2015	Congress	BHOe	The 4 <sup>th</sup> Congress on the use, management and conservation of historical buildings	Vienna Hofburg	Owners and managers of cultural heritage sites, conservation experts, construction companies, restorers, artisans, investors and policy makers;
<b>1st year of the Project</b>		October 27, 2015 (as part of the partner meeting)	Local Workshop	UKER, BOC	Project presentation and awareness workshop in the pilot site	Erlangen, Germany	Pilot end-users
	7	04 November 2015	Workshop	BOC	The Austrian IOT Day	Vienna	experts with a relation to data science and IoT;
	8	November 2015	Press release	BHOe	Brief info about OrbEEt in IMMObilien FOKUS heritage – a bilingual Austrian magazine for sustainable real estate	N/A	mainly companies and experts in the construction sector, public administration, investors, policy makers
	9	03 December 2015	Workshop	Hypertech	3 <sup>a</sup> Conferencia “Cidades Inteligentes – Cidades do Futuro”	Lisbon, Portugal	entrepreneurs, technicians and specialists in the fields of energy, environment and telecommunications and ICTs, policymakers, members of the public administration, students;
	10	January 2016	Project newsletter 1	BAL	Created to inform about the general progress of the project, pilot partners and the Consortium	Downloadable from web and circulate by partner mailing lists	Partnering organizations, general public
	11	27th January 2016	Pilot site training workshop	ARA, SOL	Project presentation and awareness workshop in the pilot	Astarrena, Spain	Pilot end-users

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
	12	17-18th February 2016	Local Workshop	BHOe, BOC	Project presentation	Innsbruck, Austria	Pilot end-users
	13	February 2016	Networking	SOL	Project links in Eebers Expert Community Platform (eebers.eu)	N/A	Reserachers, specialists
	14	February 2016	Project newsletter 2	BAL	Created to inform about the general progress of the project and main activities performed	Downloadable from web and circulate by partner mailing lists	Partnering organizations, general public

*Table 2 Dissemination activities performed during the second year of the project*

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
<b>Month 13 – Month 24</b>							
<b>2<sup>nd</sup> year of the project</b>	15	23-24th May 2016	Workshop, Networking	SOL, HYPERTECH	Project presentation on the ICT for Energy Efficiency contractors meeting	Brussels, Belgium	EU Project Managers (30 persons)
	16	3th June 2016	Pitot site training workshop	BAL, Pernik	Awareness workshop in Bulgarian	Pernik	Pilot end-users (~40 persons)
	17	June 2016	Press release	Pernik	Description of the core of the project and the Third Consortium Meeting in the Pernik Municipality website	N/A	General public

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
	18	14th June 2016	Pilot site training workshop	BHOe, BOC	Awareness workshop in German	Innsbruck, Austria	Pilot end-users (~30 persons)
<b>2<sup>nd</sup> year of the project</b>	19	13th July 2016	Pilot site training workshop	UKER, BOC	Awareness workshop in German	Erlangen, Germany (ran online)	Pilot end-users (~8 persons)
	20	14th July 2016	Pilot site training workshop	ARA, SOL	Awareness workshop in Spanish	Asparrena, Spain	Pilot end-users, social media and wider public (~10 persons)
	21	August 2016	Press release	BAL	Description of the core of the project in Magazine “Energy”, a Bulgarian magazine for energy technologies and engineering;	N/A	Investors, facility managers, companies from the energy sector 4000 paper copies and plus web version
	22	August 2016	Project newsletter 3	BAL	Created to inform about the general progress of the project, Consortium meetings and main activities fulfilled	Downloadable from web and circulate by partner mailing lists	Partnering organizations, general public
	23	3th of August 2016	Press release	ARA	Project presentation in a web Portal for energy efficiency and energy services	N/A	Energy companies, investors, researchers (Large/Medium - the portal has 10 000 unique users/month and 10 000 newsletter subscriptions)

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
	24	3th of August 2016	Press release	ARA	Project description in a web based news agency	N/A	General public (~10.000 readers)
<b>2<sup>nd</sup> year of the project</b>	25	4th of August 2016	Press release	ARA	Brief description of the project in a daily newspaper "El Correo", widely read in Northern Spain	N/A	General public (Large (the paper is circulated in about 100 000 copies) + web version)
	26	5th of August	Press release	ARA	Project presentation in a web magazine for energy related issues	N/A	General public, energy companies, invertors
	27	28th of August 2016	Press release	ARA	Publication in "Gara" daily newspaper - Description of the project itself, its goals and the means to be achieved and the devices to be installed in the pilot site.	N/A	General public Large (the paper is circulated in about 50 000 copies) + web version
	28	8-9th of September 2016	Participation in a conference	COVUNI	Behave 2016, 4 <sup>th</sup> European Conference on Behaviour and Energy Efficiency	Coimbra, Portugal	Scientific, industry, wider public (~300 persons)
	29	21th of October 2016	Organization of an event - Conference	BHOe, BOC, SOL, COVUNI, HYPERTECH	5 <sup>th</sup> European Congress on the Use, Management and Conservation of Buildings of Historical Value	Vienna, Austria	Scientific, industry, wider public, end-users (~200 persons)



	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
	30	October 2016	Producing a magazine	BHOe	Article about OrbEEt in IMMObilien FOKUS heritage – a bilingual Austrian magazine for sustainable real estate	N/A	Mainly companies and experts in the construction sector, public administration, investors, policy makers (6.000 paper copies plus web version)



## 1.2 List of Scientific and other Publications

As indicated in the last version of the dissemination plan, at least 4 publications should be submitted until the end of the project. The next table presents the list of scientific publications as performed in the last project period (presented in the following table):

Partner	Title	(Magazine/ Conference )	Access Link	Short Abstract
SOLINTEL & BALKANIKA	Current Status Of The Project OrbEEt: Tool Deployment And Monitoring Of The Energy Consumption In Public Buildings Services	9 <sup>th</sup> Scientific Conference of the Faculty of Electrical Engineering of TU Sofia, 2017	<a href="http://proceedings.tu-sofia.bg/">http://proceedings.tu-sofia.bg/</a> To be published in 2018	This work presents the monitoring of the energy consumption of the Imperial Palace placed in Innsbruck and the preliminary results linked to the behavioural changes of the final pilot users. We assess the deployment of the OrbEEt system at the pilot site in real-life conditions during several months.
HYPERTECH/ GD	An enhanced human-centric performance framework towards promoting behavioural energy efficiency in buildings	ASHRAE 2017	<a href="http://www.ashrae.gr/einb2017.php">http://www.ashrae.gr/einb2017.php</a>	The proposed EPC framework is developed within the context of EU H2020 OrbEEt project and is tested and evaluated in four pilot buildings around Europe, addressing different social, business and operational characteristics. The results from the evaluation of the proposed framework are presented in this document.
BOC	A Model-Based Environment for Data Services: Energy-Aware Behavioural Triggering Using ADOxx	Collaboration in a Data-Rich World	<a href="https://link.springer.com/chapter/10.1007/978-3-319-65151-4_25">https://link.springer.com/chapter/10.1007/978-3-319-65151-4_25</a>	This paper demonstrates an application case for the concept of Data Service design and composition techniques established by the Big-Data Data Service (BD-DS) modelling method realized using the ADOxx meta-modelling platform. In the domain of energy-efficiency assessments of buildings and their operations, the collection of energy related data does not pose a problem anymore as the necessary infrastructure is available in a non-intrusive way, at low installation and operation costs. An issue identified relates to the realization of value-adding services based on these continuous data streams in such distributed, heterogeneous environments. In the context of the ORBEET project, a dynamic, close-to-real-time data access/composition design and exploration framework has been realized. This framework builds upon the concept of Energy Data as a Service combining different sources for a

Partner	Title	(Magazine/ Conference )	Access Link	Short Abstract
				dynamic and enhanced operational rating deployed in 4 different pilot sites in Europe.
COVUNI	Developing gamified elements to influence positive behavioural change towards organizational energy efficiency	ECGBL 2017	<a href="http://www.academic-conferences.org/conferences/ecgbl/">http://www.academic-conferences.org/conferences/ecgbl/</a>	This paper presents the OrbEEt Behavioural Change Framework and its application through the development of a gamified ecosystem consisting of three interfaces; a smartphone game, an intranet portal, and an in-office display. This involves the incorporation of behavioural triggers through an infrastructure of high granularity sensor data, the identification of which are informed by the results of a questionnaire targeting 28 participants across four European pilot sites, representing a diverse range of cultural, climatic, and operational settings for public sector buildings.
GD	Enhanced Human-Centric Building Energy Performance Rating-Operational Rating and Behavioural Change in the scope of OrbEEt project	Global IOT 2017	<a href="http://ieeexplore.ieee.org/document/8016268/">http://ieeexplore.ieee.org/document/8016268/</a>	Energy performance of commercial buildings heavily relies on three interrelated groups of factors: Business processes, facility characteristics & occupant behaviour under specific context. We are presenting an innovative framework developed in the EU H2020 OrbEEt project that aims to establish a holistic organizational energy performance framework extending contemporary and standardized energy performance rating practices by incorporating dynamic business and behavioural information.

*Table 3 List of Scientific Publications*

The OrbEEt consortium has submitted 5 scientific publication in the last year of the project. In total 10 were conducted during the whole project period (especially after M18). On the other hand, and taking into account the type of the project, dissemination of project activities through articles was considered as the best way to promote the project outcomes.

Apart from these scientific publications the OrbEEt consortium has submitted articles involving the OrbEEt outcomes in different popular press. In this last period of the project 3 articles have been published and 16 articles in total in the whole project.

Regarding The OrbEEt consortium initial commitments in terms of scientific publication and other publications (22), we are over that value, the consortium accounts actually with 26 publications in the whole period of project.

The list of Articles published in popular Press for the end of the last period are presented in the following table:

Partner	Title	(Magazine/ Conference)	Access Link	Short Abstract
ARA / SOL	El Ayuntamiento de Asparrena reduce un 20% su consumo energético dentro del Proyecto OrbEEt	<b>ESEficiencia:</b> Portal de Eficiencia y servicios Energéticos	<a href="https://www.eseficiencia.es/2018/02/26/ayuntamien-to-asparrena-reduce-20-consumo-energetico-denetro-proyecto-orbeet">https://www.eseficiencia.es/2018/02/26/ayuntamien-to-asparrena-reduce-20-consumo-energetico-denetro-proyecto-orbeet</a>	The published article present the results of the OrbEEt Project that were presented during the Energy Day held it in Asparrena.  This consistency has participated as a pilot demo and it has obtained a reduction in Energy Consumption and GHG emissions.
BAL	Иновативен европейски проект за ЕЕ се изпълнява в България	Енергия	<a href="http://energia.elmedia.net/bg/2017-5/events/%D0%B8%D0%BD%D0%BE%D0%B2%D0%B0%D1%82%D0%B8%D0%B2%D0%B5%D0%BD-%D0%B5%D0%B2%D1%80%D0%BE%D0%BF%D0%B5%D0%B9%D1%81%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B5%D0%BA%D1%82-%D0%B7%D0%B0-%D0%B5%D0%B5-%D1%81%D0%B5-%D0%B8%D0%B7%D0%BF%D1%8A%D0%BB%D0%BD%D1%8F%D0%B2%D0%B0-%D0%B2-%D0%B1%D1%8A%D0%BB%D0%B3%D0%B0%D1%80%D0%B8%D1%8F_01407.html">http://energia.elmedia.net/bg/2017-5/events/%D0%B8%D0%BD%D0%BE%D0%B2%D0%B0%D1%82%D0%B8%D0%B2%D0%B5%D0%BD-%D0%B5%D0%B2%D1%80%D0%BE%D0%BF%D0%B5%D0%B9%D1%81%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B5%D0%BA%D1%82-%D0%B7%D0%B0-%D0%B5%D0%B5-%D1%81%D0%B5-%D0%B8%D0%B7%D0%BF%D1%8A%D0%BB%D0%BD%D1%8F%D0%B2%D0%B0-%D0%B2-%D0%B1%D1%8A%D0%BB%D0%B3%D0%B0%D1%80%D0%B8%D1%8F_01407.html</a>	The article presents a general overview of the OrbEEt project. Consequently, the pilot of Pernik and its pertinent hardware installation is discussed. The deployment of the framework is overviewed.
BAL	Европейски проект за енергийна ефективност се изпълнява в България	Строители	<a href="http://stroiteli.elmedia.net/smt/bg/news/%D0%B5%D0%B2%D1%80%D0%BE%D0%BF%D0%B5%D0%B9%D1%81%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B5%D0%BA%D1%82-%D0%B7%D0%B0-%D0%B5%D0%BD%D0%B5%D1%80%D0%B3%D0%B8%D0%B9%D0%BD%D0%B0-%D0%B5%D1%84%D0%B5%D0%BA%D1%82%D0%B8%D0%B2%D0%BD%D0%BE%D1%81%D1%82-%D1%81%D0%B5-%D0%B8%D0%B7%D0%BF%D1%8A%D0%BB%D0%BD%D1%8F%D0%B2%D0%B0-%D0%B2-%D0%B1%D1%8A%D0%BB%D0%B3%D0%B0%D1%80%D0%B8%D1%8F_03700.html">http://stroiteli.elmedia.net/smt/bg/news/%D0%B5%D0%B2%D1%80%D0%BE%D0%BF%D0%B5%D0%B9%D1%81%D0%BA%D0%B8-%D0%BF%D1%80%D0%BE%D0%B5%D0%BA%D1%82-%D0%B7%D0%B0-%D0%B5%D0%BD%D0%B5%D1%80%D0%B3%D0%B8%D0%B9%D0%BD%D0%B0-%D0%B5%D1%84%D0%B5%D0%BA%D1%82%D0%B8%D0%B2%D0%BD%D0%BE%D1%81%D1%82-%D1%81%D0%B5-%D0%B8%D0%B7%D0%BF%D1%8A%D0%BB%D0%BD%D1%8F%D0%B2%D0%B0-%D0%B2-%D0%B1%D1%8A%D0%BB%D0%B3%D0%B0%D1%80%D0%B8%D1%8F_03700.html</a>	The innovations implemented in the OrbEEt project are duly highlighted along with their unification under one single framework. Details on the testing conducted in the Pernik Pilot are elaborated on, along with expected results of positive behavioural change among the staff.

Table 4 List of other Publications

### 1.3 Summary of Dissemination Activities during the last year of the project

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The Table 5 below provides a summary of all the dissemination activities of the project from month 25 to month 36. This table includes the following information of each of the dissemination event:

- Date
- Type of activity
- Partners involved
- Title
- Place
- Type and size of audience

Table 5 *OrbEEt dissemination activities in the last year*

	No	Date	Type of activities	Partners involved	Title	Place	Type of audience
<b>Month 25 (March, 2017)– Month 36 (February, 2018)</b>							
<b>Last year of the project</b>	31	7th March 2017	Conferences	BAL	Energy Efficiency and renewable energy	Sofia, Bulgaria	Scientific community (~100 persons)
	32	5th May 2017	Training pilot Workshop	ERL	OrbEEt training workshop	Erlangen, Germany	Final users, stakeholders (~10persons)
	33	19th May 2017	Training pilot Workshop	PER	OrbEEt training workshop	Pernik, Bulgaria	Final users, stakeholders (~17persons)
	34	22th May 2017	Training pilot Workshop	ARA / SOLINTEL	Main Activity: Learning about the OrbEEt Concept and different OrbEEt tools	Araia (Asparrena) Spain	Final users, stakeholders (~12 persons)
	35	22th May 2017	Pilot Workshop	ARA / SOLINTEL	Local workshop	Araia (Asparrena) Spain	Final users, stakeholders (~12 persons)
	36	31th May 2017	Conferences	GRINDROP	Global IoT 2017	Geneva, Switzerland	Scientific community (~50 persons)



<b>Last year of the project</b>	37	1st June 2017	Pilot Workshop	BHOe	OrbEEt training workshop	Innsbruck, Austria	Final users, stakeholders (~8 persons)
	38	11th Jun 2017	Conferences	UKER	Young research tutorial	Erlangen, Germany	Scientific community (~50 persons)
	39	12th – 14th Jun 2017	Conferences	BOC	The 5th International Conference of Serviceology	Vienna, Austria	Scientific community (~160 persons)
	40	24th July 2017	Demo Events	ARA / SOLINTEL	Energy day in Asparrena: Approaching OrbEEt project	Araia (Asparrena) Spain	Final users, stakeholders (~12 persons)
	41	25th July 2017	Training/e-learning sessions	HYPERTECH	Information Management Layer Presentation	On-line	All (~51 persons)
	42	15th August 2017	Training/e-learning sessions	COVUNI	Behaviour Triggering/Gamification	On-line	All (~39 persons)
	43	11th – 14th September 2017	Conferences	BAL	9th Annual Scientific Conference of the faculty of Electrical Engineering in Technical University of Sofia	Varna, Bulgaria	Scientific community (~50 persons)
	44	11th – 14th September 2017	Publication	ALL	EF 2017: Tool deployment and monitoring of the Energy Consumption in Public Building services	Varna, Bulgaria	Scientific community (~50 persons)
	45	18th – 20th September 2017	Conferences	BOC	PRO-VE 2017	Vicenza, Italy	Scientific community (~200 persons)
	46	18th – 20th September 2017	Publication	BOC	PRO-VE 2017 : Collaboration in a Data-Rich World	Vicenza, Italy	Scientific community (~200 persons)
	47	18th – 20th September 2017	Articles published in popular Press	BAL	Европейски проект за енергийна ефективност се изпълнява в България	Bulgaria	All
	48	19th September 2017	Conferences	ARA	Presentation in the Commission of Economic Development and Infrastructure of the Basque Parliament	Vitoria, Spain	Stakeholders, Municipalities, NGOs (~30 persons)



<b>Last year of the project</b>	49	28th September 2017	Pilot training Workshop	BHOe	OrbEEt feedback session	Innsbruck, Austria	Final users (~9 persons)
	50	3rd – 5th October 2017	Conferences	HYPERTECH	European Utility Week 2017	Amsterdam, Netherlands	All (~12,000 persons)
	51	5th – 6th October 2017	Conferences	COVUNI	11th European Conference on Games Based Learning (ECGBL)	Graz, Austria	Scientific community (~200 persons)
	52	5th – 6th October 2017	Publication	COVUNI	Developing Gamified Elements to influence Positive Behavioural Change towards Organizational Energy Efficiency	Graz, Austria	Scientific community (~200 persons)
	53	9th October 2017	Conferences	ARA	Presentation in the Commission of Economic Development and Infrastructure of the Basque Parliament	Vitoria, Spain	Stakeholders, Municipalities (~30 persons)
	54	10th October 2017	Pilot training workshop	ARA	OrbEEt training & evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~5 persons)
	55	12th October 2017	Conferences	HYPERTECH	Energy in Buildings 2017	Athens, Greece	Scientific community (~70 persons)
	56	12th October 2017	Publication	HYPERTECH	EB 2017: An Enhanced Human–Centric Performance Framework towards promoting Behavioural Energy Efficiency in Buildings	Athens, Greece	Scientific community (~70 persons)
	57	18th – 19th October 2017	Conferences	BHOe	6th European Congress on Use, Management and conservation of buildings of historical value	Vienna, Austria	All (~200 persons)



<b>Last year of the project</b>	58	20th October 2017	Pilot training workshop	ARA	OrbEEt training & evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~20 persons)
	59	2nd November 2017	Pilot training workshop	ARA	OrbEEt training & evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~5 persons)
	60	2nd November 2017	Training/e-learning sessions	HYPERTECH	enhanced Display Energy Certificates (eDECs) presentation	On-line	All (~22 persons)
	61	6th – 9th November 2017	Conferences	HYPERTECH	Web Summit 2017	Lisbon, Portugal	All (~50,000 persons)
	62	Number 5, 2017	Articles published in popular Press	BAL	Иновативен европейски проект за ЕЕ се изпълнява в България	Bulgaria	All (On-line)
	63	7th December 2017	Pilot training workshop	ARA	OrbEEt training & evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~5 persons)
	64	12th January 2018	Training/e-learning sessions	SOLINTEL / BAL	OrbEEt Overview and Results	On-line	All (~31 persons)
	65	15th December 2017	Pilot evaluation workshop	ARA	OrbEEt evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~20 persons)



<b>Last year of the project</b>	66	19th January 2018	Pilot evaluation workshop	ARA	OrbEEt evaluation workshop (personal meeting)	Asparrena, Spain	Stakeholders (~5 persons)
	67	24th January 2018	EU-H2020 Projects International Workshop	SOLINTEL	Innovative Strategies for Smart Buildings and Citizens	Madrid, Spain	Stakeholders, municipalities, Technical experts, (~100 persons)
	68	24th – 25th January 2018	EU-Exploitation Expert Workshop	SOLINTEL / ALL	Exploitation and business plan for OrbEEt framework	Madrid, Spain	Technical experts, stakeholders (10 partners)
	69	27th February 2018	Workshop, Networking	GRINDROP / HYPERTECH	Project presentation on the ICT for Energy Efficiency contractors meeting	Brussels, Belgium	EU Project Managers (30 persons)
	70	26th February 2018	Open Energy Day & Workshop	BHOe	OrbEEt Project Outcomes	Innsbruck, Austria	Final users, (~X persons)
	71	26th February 2018	Articles published in popular Press	ARA	El Ayuntamiento de Asparrena reduce un 20% su consumo energético dentro del Proyecto OrbEEt	Araia (Asparrena) Spain	All (On-line)
	72	28th February 2018	Open Energy Day & Workshop	ARA	OrbEEt: Un importante paso hacia la Eficiencia Energética	Araia (Asparrena) Spain	Municipalities, Building managers, Universities, Energy public entity, final users (~150 persons)

## 2. CONCLUSIONS

The current report explains the dissemination and communication activities carried out in the last year of the project. All the consortium partners provided support to widely spread OrbEEt objectives and results.

The new produced dissemination and communication material in addition to the described in the previous D5.7 are composed by a new poster, newsletters, press releases, and webinars.

Regarding The OrbEEt initial commitments in terms of scientific and other publications (22), we are over that value, the consortium accounts actually with 26 publications in the whole period of project.

OrbEEt project framework has been presented in at least 18 thematic events for the last year of the project, held in different European cities and with different types of participants and attendee, many of them main targets of the OrbEEt project. The total audience of those different thematic events reach at least 63,462 peoples interested on the topic.

OrbEEt has a wide presence in social media and a high concentrated visitors of the portal web in the last year of the project, precisely at the end of this period. Taking into account the portal web visitors and the impressions on the social media such Twitter and Facebook the OrbEEt project dissemination reached more than 80,000 impressions. On the other side the total viewers to the OrbEEt YouTube channel for the last 3 months achieved 168 peoples thus far.

The OrbEEt consortium have been worked in a synergetic way with other related EU projects, notably organizing an international workshop about the innovative strategies for smart buildings and citizens. More than 100 participants were registered and 9 EU projects have participated directly with a very high dissemination on each different portal webs and social medias.

The OrbEEt consortium has celebrated 6 awareness activities and 6 pilot workshops were carried out covering all pilot sites in order to present the project objectives, progress and use cases to the pilot participants and end users. More than 69 users participated in the awareness activities celebrated in different pilot sites and more than 50 users in the pilot site workshops.

Regarding the Initial OrbEEt commitments on dissemination and communication and following the Dissemination and Communication Plan, we present in the tables below the achievements of the project addressing such commitments.

*Table 6 OrbEEt Web Portal and social media commitments*

<b>Web Portal and Presence on Social Media</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Update of the website content and monitoring the number of visits, their growth, and return rate; etc.	Regular Update	Achieved	<a href="http://orbeet.eu/">http://orbeet.eu/</a>
Actions on social media with monitoring the number of followers, engagements and people reached, and their patterns; etc.	Regular Actions	Achieved	D5.7/D5.9
Sections to be added in project portal	Additional Sections	Achieved	<a href="http://orbeet.eu/">http://orbeet.eu/</a>

*Table 7 OrbEEt scientific publications commitments*

<b>Scientific Publications</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Publications covering both scientific papers and mass media dissemination.	22	Achieved	D5.8, D5.9

*Table 8 OrbEEt liason and participaton in fora & thematic events commitments*

<b>Liaison and Participation in Fora &amp; Thematic Events</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Contacts and liaise with relevant fora	Establish Contacts	Achieved	D5.8; D5.9
Establish first contacts with European projects	6	Achieved	EU Workshop, CDB, Portal Web
Participation in thematic events	6	Achieved	D5.8, D5.9
Participation in a national event per partner country.	1	Achieved	Pilots manager
Contacts with previously contacted entities	Maintain contacts	Achieved	D5.8, D5.9

*Table 9 OrbEEt promotional content and dissemination material commitments*

<b>Promotional Content and Dissemination Material</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Posting and circulation of newsletter issues	5	Achieved	BAL, D5.7, Portal web,
Project fact sheet/brochure	1	Achieved	BAL, D5.7, Portal web,
EU-wide press release about the project	1	Achieved	EU Workshops, D5.8, D5.9
National press releases about the project	3	Achieved	BAL, ASP, Pilot managers, D5.8, D5.9
Fact sheet/brochure about the pilots	1	Achieved	BAL, EU Workshop, Portal web
Promotional video about the pilot results	1	Achieved	Portal web; D5.9
Downloadable software demos	-	Achieved	BAL, HYP, GD

*Table 10 OrbEEt Pilot site trials, workshops and demo events commitments*

<b>Pilot Site Trials, Workshops and Demo Events</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Onsite demonstration events in each pilot site	2	Achieved	BAL, Pilot managers
Kits of demonstration content for wider dissemination (Videos, brochures, poster...)	2	Achieved	YouTube channel, Portal web
Organization of local workshops and demo events	6	Achieved	Pilot managers, D5.7, D5.4, D5.9

*Table 11 OrbEEt training framework commitments*

<b>OrbEEt Training Framework</b>			
<b>M1 – M36</b>			
<b>Indicator</b>	<b>Committed</b>	<b>Accomplished</b>	<b>Reference</b>
Training sessions covering the core of the project and aiming to raise awareness	3	Achieved	Pilot managers, D5.7
New training/ e-learning sessions covering the technical results of the project and stimulating engagement	3	Achieved	D5.7 D5.9
Training kit with training material (Presentation, booklet)	2	Achieved	BAL, Portal web,

### 3. ACRONYMS AND TERMS

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BPM .....	Business Process Management
DG CONNECT .....	Directorate General for Communications Networks, Content & Technology
EC .....	European Commission
EEB .....	Energy Efficiency Buildings
EU .....	European Union
HVAC .....	Heating, Ventilation, and Air Conditioning
IAHS .....	International Association for Housing Science
IZPH .....	Interdisciplinary Centre for Public Health
SVN .....	Secure Virtual Network
WP .....	Work Package

## 4. REFERENCES

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- [1] D5.1 Dissemination & communication plan and material (1st version)
- [2] D5.2 Annual dissemination communication activities report (1st version)
- [3] D5.5 Dissemination & communication plan and material (2nd version)
- [4] D5.7 Dissemination & communication plan and material (4th version)
- [5] D5.8 Annual dissemination communication activities report (2nd version)