



## **“Dissemination activities”**

### ***D7.3***

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**The ACCORDANCE Project Consortium groups the following organizations:**

Partner Name	Short name	Country
JCP-Consult	JCP	FR
Research and Education Laboratory in Information Technologies	AIT	GR
Alcatel-Lucent Deutschland	ALUD	DE
Deutsche Telekom AG	DTAG	DE
Telefónica Investigación y Desarrollo	TID	ES
University of Hertfordshire	UH	UK
Karlsruhe Institute of Technology	KIT	DE
Universitat Politècnica de Catalunya	UPC	ES
Euprocom	EPC	EE

**Abstract:**

This D7.3 document summarizes the dissemination activities performed by the ACCORDANCE project partners in the first and second year of the project (2010 and 2011) as a cumulative document. It includes a list of publications, a list of submitted papers as well as associated events and activities organized and attended by ACCORDANCE project partners. A short outlook towards planned exploitation activities starting later in the project is given.

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## 1. List of acronyms

ALPHA	Architectures for fLexible Photonic Home and Access networks
ANIC	Access Networks and In-house Communications (part of: Advanced Photonics and Renewable Energy: OSA Optics & Photonics Congress)
BROADNETS	International ICST Conference on Broadband Communications, Networks, and Systems
CaON	Converged and Optical Networks
CSNDSP	IEEE, IET International Symposium on Communication Systems, Networks and Digital Signal Processing
ECOC	European Conference and Exhibition on Optical Communication
FITCE	Federation of Telecommunications Engineers of the European Union
ICT	International Conference on Telecommunications
ICTON	International Conference on Transparent Optical Networks
IEEE	Institute of Electrical and Electronics Engineers
INDIN	International Conference on Industrial Informatics
ISCC	IEEE Symposium on Computers and Communications
JLT	Journal of Lightwave Technology
JOCN	Journal of Optical Communications and Networking
NCP	National Contact Point
NOC	European Conference on Networks and Optical Communications
OASE	Optical Access Seamless Evolution
OFC/NFOEC	Optical Fiber Communication Conference and Exposition / National Fiber Optic Engineers Conference
OSA	Optical Society of America
PIERS	Progress In Electromagnetics Research Symposium
PTL	Photonics Technology Letters
SARDANA	Scalable Advanced Ring-based Passive Dense Access Network Architecture
SME	Small and Medium Enterprises

## 2. Introduction

In this D7.3 document the various dissemination activities of the first and second project year (2010 and 2011) performed by the ACCORDANCE project are summarized as a cumulative document. This includes the creation of project presentation material, publications in conference proceedings and journals as well as exhibitions and similar events where ACCORDANCE participated. It also includes general level reporting on exploitation plans – that will be fully reported in D7.7.

In the project starting phase a communication and dissemination plan has been established comprising the various opportunities to present and disseminate the ACCORDANCE results as well as to promote the ACCORDANCE project. The purpose of this dissemination plan document is to streamline the ACCORDANCE dissemination activities and it is regularly updated.

The ACCORDANCE project partners are very active in publishing ACCORDANCE-related results, organizing workshops and participating in relevant events. This D7.3 document summarizes the dissemination activities in the first and second ACCORDANCE project year – 2010 and 2011 – and it gives an outlook on planned future activities.

A dissemination-related milestone M7.1 *Identification of collaboration with other projects with similar focus; Plan for dissemination and standardization* has been successfully accomplished in project month six (June 2010).

### 3. Project presentation material

#### 3.1 ACCORDANCE WEB SITE

A website <http://www.ict-accordance.eu/> has been designed and created for the ACCORDANCE project. This web site contains information on the project like for instance general information on the consortium, public deliverables, papers and presentations. In addition, it shows latest news and upcoming events in the field of interest of the project. This web site is regularly updated in order to reflect recent project progress.

The ACCORDANCE website is also updated with the general technical information, related to the ACCORDANCE topic, to make the project website visible via search engines to e.g. engineers, researchers and academia students working on their theses.

#### 3.2 ACCORDANCE PROJECT PRESENTATION

An ACCORDANCE project presentation has been created containing information on the overall project objectives, on the ACCORDANCE technical approach as well as on general information concerning the ACCORDANCE consortium.

#### 3.3 ACCORDANCE FACT SHEET

An ACCORDANCE fact sheet has been created which contains overview information on the consortium, on the main project objectives and on the technical approach as well as information concerning key issues tackled by ACCORDANCE and the expected impact of the project.

#### 3.4 ACCORDANCE POSTER

An ACCORDANCE poster has been created containing information on the overall project objectives, the ACCORDANCE network architecture, the ACCORDANCE novelty and the expected impact as well as general project information. This poster is intended to be presented at conferences, exhibitions and other related events.

It has been presented at conferences, for instance at the European Conference and Exhibition on Optical Communications and Exhibition (ECOC) in Torino, Italy, in September 2010.

#### 3.5 ACCORDANCE LEAFLET

An ACCORDANCE leaflet has been created containing information on the overall project objectives, the ACCORDANCE network architecture, on the work in the different work packages and addressed challenges as well as general project information. This leaflet is intended to serve as handout and be presented at conferences, exhibitions and similar events.

It has been used at conferences, for instance at ECOC in Torino, Italy, in September 2010.

## 4. Publications in conference proceedings and journals

### 4.1 ACCEPTED AND PUBLISHED PAPERS

The tables show the ACCORDANCE-related papers and articles published in the first and second project year (2010 and 2011) by different partners. There have been per-partner papers as well as joint papers written by different partners as a common work.

#### Year 1 (2010):

Authors	Title	Conference	Date, location	Involved partner(s)
T. Pfeiffer	Evolution of optical access network technologies	SPIE Photonics West – Optical Communications: Systems and Sub-systems	January 23–28, 2010, San Francisco (CA, USA)	ALUD
D. Hillerkuss, T. Schellinger, R. Schmogrow, M. Winter, T. Vallaitis, R. Bonk, A. Marculescu, J. Li, M. Dreschmann, J. Meyer, S. Ben Ezra, N. Narkiss, B. Nebendahl, F. Parmigiani, P. Petropoulos, B. Resan, K. Weingarten, T. Ellermeyer, J. Lutz, M. Möller, M. Huebner, J. Becker, C. Koos, W. Freude, J. Leuthold	Single Source Optical OFDM Transmitter and Optical FFT Receiver Demonstrated at Line Rates of 5.4 and 10.8 Tbit/s	OFC/NFOEC 2010	March 21–25, 2010, San Diego (CA, USA)	KIT
J. Prat, J. A. Lázaro, K. Kanonakis, I. Tomkos	New FTTH Architectures for NG-PON-2	ANIC 2010	June 21–24, 2010, Karlsruhe (Germany)	UPC, AIT
M. Milosavljevic, A. Gliwan, P. Kourtessis, J. M. Senior	Multi-Wavelength Wireless-PON	ICTON 2010	June 27 – July 01, 2010, Munich (Germany)	UH
K. Kanonakis, I. Tomkos, T. Pfeiffer, J. Prat, P. Kourtessis	ACCORDANCE: A Novel OFDMA-PON Paradigm for Ultra High Capacity Converged Wireline-Wireless Access Networks	ICTON 2010	June 27 – July 01, 2010, Munich (Germany)	AIT, ALUD, UPC, UH
J., Leuthold, D. Hillerkuss, M. Winter, J. Li, K. Worms, C. Koos, W. Freude, S. B. Ezra, N. Narkiss	Terabit/s FFT processing – optics can do it on-the-fly	ICTON 2010	June 27 – July 01, 2010, Munich (Germany)	KIT



M. Milosavljevic, M. Thakur, P. Kourtessis, J. Mitchell, J. M. Senior	A Multi-Wavelength Access Network featuring WiMAX Transmission over GPON Links	ECOC 2010	September 19–23, 2010, Torino (Italy)	UH
M. Milosavljevic, P. Kourtessis, J. M. Senior	Transparent Wireless Transmission over the ACCORDANCE Optical/Wireless Segment	CSNDSP 2010	July, 21–23, 2010, Newcastle (UK)	UH

## Year 2 (2011):

### Conference proceedings

Authors	Title	Conference, Journal	Date, location	Involved partner(s)
R. Schmogrow, M. Winter, B. Nebendahl, D. Hillerkuss, J. Meyer, M. Dreschmann, M. Huebner, J. Becker, C. Koos, W. Freude, and J. Leuthold	101.5 Gbit/s Real-Time OFDM Transmitter with 16QAM Modulated Subcarriers	OFC/NFOEC 2011	March 06–10, 2011, Los Angeles (CA, USA)	KIT
S. Chatzi, I. Tomkos	Techno-economic study of high-splitting ratio PONs and comparison with conventional FTTH-PONs/FTTH-P2P/FTTB and FTTC deployments	OFC/NFOEC 2011	March 06–10, 2011, Los Angeles (CA, USA)	UPC, AIT
E. Giacomidis, I. Tomkos and J. M. Tang	Performance of Optical Fast-OFDM in MMF-Based Links	OFC/NFOEC 2011	March 06–10, 2011, Los Angeles (USA)	AIT
E. Giacomidis, J. Wei J. M. Tang, and I. Tomkos	Adaptive Loading Algorithms Evaluations for IMDD SMF System-Based Optical OFDM Transceivers	PIERS 2011	March 20–23, 2011, Marrakesh, Morocco	AIT
E. Giacomidis, S. K. Ibrahim, J. Zhao, J. L. Wei, J. M. Tang, A. D. Ellis, and I. Tomkos	Effect of ADC on the Performance of Optical Fast-OFDM in MMF/SMF-based Links	PIERS 2011	March 20–23, 2011, Marrakesh, Morocco	AIT
Th. Kavatzikidis, E. Giakoumides, J. Tang and I. Tomkos	Investigation of Peak-to-Average Power Ratio Techniques for Long Reach Access Networks	ICT 2011	May 8–11, 2011, Ayia Napa, Cyprus	AIT
I. Tomkos, E. Giacomidis, A. Kavatzikidis, I. Cano, and J. Prat	Benchmarking Comparison of Physical Layer Performance for Various Implementations of OFDM Access Networks	ANIC 2011	June 12–14, 2011, Toronto, Canada	AIT, UPC
W. Lim, P. Kourtessis, M. Milosavljevic, and J. M. Senior	Dynamic Subcarrier Allocation for OFDMA-PONs with Monitoring Mechanism	ANIC 2011	June 12–14, 2011, Toronto, Canada	UH

M. Milosavljevic, P. Kourtessis, and J. M. Senior	Wireless Convergence over Next Generation OFDMA-PONs	ANIC 2011	June 12–14, 2011, Toronto, Canada	UH
J. Lazaro, V. Polo, B. Schrenk, F. Bonada, I. Cano, E. Lopez, C. Kazmierski, G. de Valicourt, R. Brenot, J. Bauwelinck, X. Qiu, P. Ossieur, M. Forzati, P. Rigole, I. Monroy, E. Tangdionga, M. Morant, L. Nicolau, A. Teixeira, D. Erasme, D. Klonidis, I. Tomkos, J. Prat, C. Kouloumentas, and H. Avramopoulos	Optical Subsystems for Next Generation Access Networks [invited]	ANIC 2011	June 12–14, 2011, Toronto, Canada	UPC, AIT
K. Kanonakis, E. Giacomidis, I. Tomkos	Effects of Adaptive Subcarrier Modulation on MAC Operation in OFDMA-PONs	Future Network & Mobile Summit 2011	June 15–17 2011, Warsaw, Poland	AIT
W. Lim, A. Gliwan, P. Kourtessis, K. Kanonakis, I. Tomkos, and J. M. Senior	MAC Protocol Design for the Support of DBA in OFDMA-PON Networks	Future Network & Mobile Summit 2011	June 15–17 2011, Warsaw, Poland	AIT, UH
K. Kanonakis, I. Tomkos	Overview of MAC Layer Issues in OFDMA-PONs [Invited]	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	AIT
E. Giacomidis, I. Tomkos and J. M. Tang	Adaptive Modulation in OFDM based Access/Metro Optical Networks [Invited]	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	AIT
E. Giacomidis, A. Kavatzikidis, I. Cano, M. C. Santos, J. M. Tang, J. Prat, and I. Tomkos	Mitigation techniques for peak-to-average power ratio and optical beat interference in OFDMA-PONs	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	AIT, UPC
W. Lim, P. Kourtessis, M. Milosavljevic, and J. M. Senior	QoS aware MAC Protocol for OFDMA-PON	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	UH
I. Cano, M. C. Santos, J. Prat, H.-G. Krimmel, T. Kavatzikidis, E. Giacomidis, I. Tomkos	Physical layer evaluation of OFDM-based access networks	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	UPC, AIT, ALUD
M. Milosavljevic, P. Kourtessis, W. Lim, and J. M. Senior	Next Generation PONs with Wireless Backhauling	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	UH
M. Milosavljevic, P. Kourtessis, W. Lim, and J. M. Senior	Optical/Wireless Convergence (invited)	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	UH

W. Lim, P. Kourtessis, M. Milosavljevic, and J. M. Senior	MAC protocol for the Wireless Enabled OFDMA-PON (invited)	ICTON 2011	June 26-30, 2011, Stockholm, Sweden	UH
K. Kanonakis, I. Tomkos	MAC Framework and Algorithms for Dynamic Subcarrier Assignment in OFDMA-PONs	ISCC 2011	June 28 – July 1, 2011, Corfu, Greece	AIT
E. Giacomidis, J. L. Wei, A. Tsokanos, A. Kavatzikidis, E. Hugues-Salas, J. M. Tang and I. Tomkos	Performance Optimization of Adaptive Loading Algorithms for SMF-Based Optical OFDM Transceivers	NOC 2011	July 20-22, 2011, Newcastle, UK	AIT
E. Giacomidis, J. M. Tang, and I. Tomkos	Group Delay Ripple Reduction in Cascaded ROADMs by Adaptively Modulated Optical OFDM Signals for Metro/Regional Networks	NOC 2011	July 20-22, 2011, Newcastle, UK	AIT
M. Dreschmann, J. Meyer, M. Hübner, R. Schmogrow, D. Hillerkuss, J. Becker, J. Leuthold, W. Freude	Implementation of an ultra-high speed 256-point FFT for Xilinx Virtex-6 devices	INDIN 2011	July 26–29, 2011, Caparica, Lisbon, Portugal,	KIT
I. Tomkos	A Techno-economic analysis for FTTx next generation access networks [invited]	FITCE Congress 2011	September 1–3, 2011, Palermo, Sicily, Italy	AIT
I. Cano, M.C. Santos, V. Polo, J. Prat	Dimensioning of OFDMA PON with non-preselected-independent ONU sources and wavelength-control	ECOC 2011	September 18–22, 2011, Geneva, Switzerland	UPC

## Journal articles

Authors	Title	Journal	Volume, pages	Involved partner(s)
E. Giacomidis, S. K. Ibrahim, J. Zhao, J. M. Tang, A. D. Ellis and I. Tomkos	Experimental and Theoretical Investigations of Intensity-Modulation and Direct-Detection Optical Fast-OFDM over MMF-links	IEEE PTL		AIT
I. Cano, M.C. Santos, V. Polo, J. Prat	Dimensioning of OFDMA PON with non-preselected-independent ONU sources and wavelength-control	Optics Express, ECOC 2011 edition		UPC
M. Milosavljevic, P. Kourtessis, and J. M. Senior	Multi-Wavelength WiMAX-PONs with Overlapping Cells	IEEE/OSA JOCN	vol. 3, pp. 172–177	UH
M. Angelou, I. Tomkos, K. Kanonakis	Contribution to joint white paper between Photonics21 and Net!Works: "Next			AIT

	Generation Optical Networks. Enabler for Future Wireless and Wireline Applications”			
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## 4.2 SUBMITTED PAPERS UNDER REVIEW

The table shows the ACCORDANCE-related papers submitted for publication.

Authors	Title	Conference, Journal	Date, location	Involved partner(s)
K. Kanonakis, I. Tomkos, H. G. Krimmel, F. Schaich, C. Lange, E. Weis, J. Leuthold, M. Winter, S. Romero, P. Kourtessis, M. Milosavljevic, I. Cano and J. Prat	An OFDMA-Based Optical Access Network Architecture Exhibiting Ultra-High Capacity and Wireline-Wireless Convergence	IEEE Communications Magazine		AIT, ALUD, DT, KIT, TID, UH, UPC
E. Giacomidis, A. Kavatzikidis, A. Tsokanos, J. M. Tang, and I. Tomkos	Adaptive Loading Algorithms for IMDD Optical OFDM PON Systems Using Directly Modulated Lasers	JOCN		AIT
K. Kanonakis, E. Giacomidis, and I. Tomkos	Physical Layer Aware MAC Schemes for Dynamic Subcarrier Assignment in OFDMA-PON Networks	a journal		AIT
M. Milosavljevic, M. P. Thakur, P. Kourtessis, J. E. Mitchell, J. M. Senior	Demonstration of Wireless Backhauling over Long-Reach PONs	JLT		UH

## 5. Workshops and other related events & activities

### 5.1 EVENTS & ACTIVITIES IN YEAR 1 (2010)

The table summarizes ACCORDANCE-related activities of the partners in other events in the first project year (2010). These activities comprise the organization of workshops at conferences and relevant presentations as well as the participation in meetings and events related to ACCORDANCE.


Names	Activity	Event	Date, location	Involved partner(s)
J. C. Point	Presentation of the ACCORDANCE project	Future Networks 5th FP7 Concertation meeting	January 26, 2010, Brussels (Belgium)	JCP
S. Romero Gil	Workshop with Telefonica Spain about foreseen evolution of access networks	Company-internal workshop	March 02, 2010, Madrid (Spain)	TID
J. C. Point	Presentation of the ACCORDANCE project	Future Internet Assembly	April 15-16, 2010, Valencia (Spain)	JCP
C. Lange, A. Gladisch	Invited presentation: Energy Efficiency in Telecommunication Networks – Challenges and Opportunities	Future Network & Mobile Summit	June 16–18, 2010, Florence (Italy)	DT
J. C. Point	Participation	Future Network & Mobile Summit	June 16–18, 2010, Florence (Italy)	JCP
C. Lange, D. Breuer	Organization of the ECOC Sunday workshop: <i>Next Generation Optical Access Networks: Architectures Technology and Systems</i>	ECOC 2010	September 19–23, 2010, Torino (Italy)	DT
I. Tomkos	Presentation: Architectural and MAC Layer Issues for a Converged OFDM-PON Based Access Network: The ACCORDANCE Project Perspective	ECOC 2010	September 19–23, 2010, Torino (Italy)	AIT
	ACCORDANCE Poster presentation at EURO-FOS booth	ECOC 2010	September 19–23, 2010, Torino (Italy)	AIT
S. Romero Gil	Periodic presentation of ACCORDANCE goals, status and advances for Telefonica's business units	Company-internal workshop	June 27, 2010, Madrid (Spain)	TID
R. Kaurson	Contribution to regular CaON workshop	Converged and Optical networks (CaON) workshop	October 6–7, 2010, Stockholm (Sweden)	EPC
C. Lange, E. Weis	Organization of the BROADNETS workshop: <i>Opportunities and challenges in</i>	BROADNETS 2010	October 25–27, 2010, Athens	DT

	<i>the context of next generation optical access networks</i>		(Greece)	
K. Kanonakis	Presentation: OFDMA-PON: A solution for NG optical and converged access networks	BROADNETS 2010	October 25–27, 2010, Athens (Greece)	AIT
F. Schaich	Presentation: Fixed-mobile convergence aspects in OFDM PON based NG access networks	BROADNETS 2010	October 25–27, 2010, Athens (Greece)	ALUD
C. Koos	Presentation: Opportunities in Silicon Integrated Optics	BROADNETS 2010	October 25–27, 2010, Athens (Greece)	KIT
C. Lange, E. Weis, R. Kaurson, K. Kanonakis, I. Tomkos	Preparation and organization of a joint workshop between the EU projects ACCORDANCE and OASE	ACCORDANCE-OASE joint workshop	October 27, 2010, Athens (Greece)	DT, EPC, AIT
K. Kanonakis	Presentation: ACCORDANCE project overview: General introduction, the OFDMA-PON approach	ACCORDANCE-OASE joint workshop	October 27, 2010, Athens (Greece)	AIT
F. Schaich	Presentation: Fixed-mobile convergence aspects in OFDMA-PON based NG access networks	ACCORDANCE-OASE joint workshop	October 27, 2010, Athens (Greece)	ALUD
P. Kourtessis	Presentation: OFDMA-PON based access networks: MAC aspects	ACCORDANCE-OASE joint workshop	October 27, 2010, Athens (Greece)	UH

## 5.2 EVENTS & ACTIVITIES IN YEAR 2 (2011)

The table summarizes ACCORDANCE-related activities of the partners in other events in the second project year (2011). These activities comprise the organization of workshops at conferences and relevant presentations as well as the participation in meetings and events related to ACCORDANCE.

Names	Activity	Event, description of activity	Date, location	Involved partner(s)
J.-C. Point, D. Breuer, E. Weis, P. Kourtessis, J. Prat, K. Kanonakis	Participation in workshop	Pre-conference workshop at FTTH Council conference. Workshop name: "Status and Progress of FP7 Projects ALPHA, OASE, ACCORDANCE, SARDANA and GIGAWAM"	February 9–10, 2011, Milano, Italy	JCP, DT, UH, UPC, AIT

J.Prat	Participation in workshop “What is next for high-speed PON: evolution or revolution?”	OFC/NFOEC 2011	March 6, 2011, Los Angeles, USA	UPC, AIT
H.-G. Krimmel, T. Pfeiffer	Standardization: FSAN vendor presentation on: "OFDM for NGPON2 Network Convergence"	FSAN meeting	May 2011, Berlin,	ALUD
C. Lange, E. Weis, R. Kaurson, J.-C. Point	Workshop: Next Generation Converged Access Networks - Opportunities, Achievements and Challenges	Future Network & Mobile Summit 2011	June 15–17 2011, Warsaw, Poland	DT, JCP, EPC
	Net!Works steering committee meeting on strategic research agenda	Future Network & Mobile Summit 2011	June 15–17 2011, Warsaw, Poland	DT, JCP, EPC
H.-G. Krimmel, T. Pfeiffer	Standardization: FSAN Vendor White Paper contribution: "Asymmetric coherent/envelope -type 40Gbps OFDM/-A PON	FSAN meeting	August 2011	ALUD
R. Schmogrow	Demonstration of a real-time OFDM transmitter at the ECOC 2011 exhibition in collaboration with Agilent Technologies 	ECOC 2011	September 2011, Geneva, Switzerland	KIT
	Picture of OFDM demo at the Agilent booth at ECOC 2011 in Geneva			
Josep Prat	Input contribution in to CaON Cluster regarding OFDM(A) PON architecture as an input for Accordance project	CaON Cluster	October 2011	UPC
J. A. Torrijos	Input contribution in CaON Cluster regarding OFDMA technologies as an input for Accordance project	CaON Cluster	November 2011	TID



### 5.3 PREPARATION OF EVENTS IN 2012

A workshop proposal with the title *Next generation optical and converged access networks – Opportunities, challenges and implications* has been prepared by DT and submitted to the *European Conference and Exhibition on Optical Communication (ECOC)* taking place at September 16–20, 2012, in Amsterdam (The Netherlands). This workshop proposal is currently under review.

Also, during the plenary meeting in February 2012, the ACCORDANCE consortium – in collaboration with FP7 projects OASE and ALPHA – is planning to organize a workshop in Tallinn, Estonia dedicated to several topics investigated by the mentioned projects: convergence, FTTH technologies, techno-economic studies etc. For that workshop local telecommunication market players, as well as state regulator representatives will be invited and also the possibilities of involvement of stakeholders from Baltic states will be elaborated. In addition to the topics related to the ACCORDANCE, OASE and ALPHA projects, Estonian ICT NCP for EU research projects is invited to the workshop to give a talk about promoting of pan-European ICT research in Estonia and other new member states.



## 6. Initial report on exploitation plans

### 6.1 GENERAL EXPLOITATION PLAN

The task 7.3 *Exploitation plans* will start in M25 and it will finish in M36 of the ACCORDANCE project. Thus, the duration of this task will be the third ACCORDANCE project year (2012).

Partners from industry intend to bring ACCORDANCE results into product development activities or in case of partners from academia they will consider to use experiences from ACCORDANCE in lectures and to possibly establish spin-off companies.

Some partners started to present the ACCORDANCE project (objectives, technical approach) at company-internal forums addressing business units, marketing and procurement representatives in order to create awareness about the ACCORDANCE project and related expected results.

More information about initial exploitation plan can be found in milestone M7.2.

### 6.2 INTELLECTUAL PROPERTY RIGHTS

Two patent applications have been filed during year two (2011), as are listed below.

Inventor(s)	Patent application title	Details	Involved partner(s)
F. Schaich U. Dötsch M. Doll	Patent application filed on "Apparatus, Method, and Computer Program for a Remote Unit and a Central Unit"	INPI Paris, application no. 11 306 097.4	ALUD
H.-G. Krimmel	Patent application filed on "OBI mitigation for electrical-OFDM based MPTP networks"	EPA 11290125.1:	ALUD

### 6.3 DISSEMINATION ACTIVITIES TOWARDS NEW MEMBER STATE COUNTRIES

EPC, following a strategy of involvement of New Member States into pan-european research projects in the ICT area, has started communication to academic and industrial institutions for dissemination of ACCORDANCE results. With collaboration with JCP-Consult SAS, contacts to Tallinn Technical University (Telecommunications faculty) and Kaunas University of Technology (Telecommunications faculty) were established, and the ACCORDANCE project was presented. More general communication to several SMEs working in ICT area was established, where the ACCORDANCE project was presented as well.

More detailed, EPC has identified local industrial companies and SMEs working in areas most closely related to ACCORDANCE project and now plans to intensify communication to such parties. Potential target companies are telecom operators, hi-tech start-up SMEs and university spin off companies. Potential collaboration modes at early stages of communication are: particularly technical workshops, general ACCORDANCE presentations, as well as training in FP7 "how-to" topics.

## 7. Conclusion and outlook

In the first year of the project ACCORDANCE – 2010 – the initial project presentation material has been prepared, like the web site, the fact sheet as well as the poster, the leaflet and a project presentation. Furthermore, a considerable number of papers has been published and presented at several relevant conferences. Workshops have been organized at conferences related to the ACCORDANCE scope and relevant events have been attended by ACCORDANCE project representatives in order to enhance the visibility of the project.

During the second project year – 2011 – the ACCORDANCE partners have continued to publish and present relevant results by several means mentioned above for the first project year. Furthermore also relevant events have been attended.

In conclusion: The ACCORDANCE project has actively presented and successfully disseminated its results during the first and second project year.

For the third ACCORDANCE project year – 2012 – it is intended to maintain the high level of dissemination activities. Furthermore, continued submission of papers with high-quality ACCORDANCE results to scientific journals and major conferences is envisaged.

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