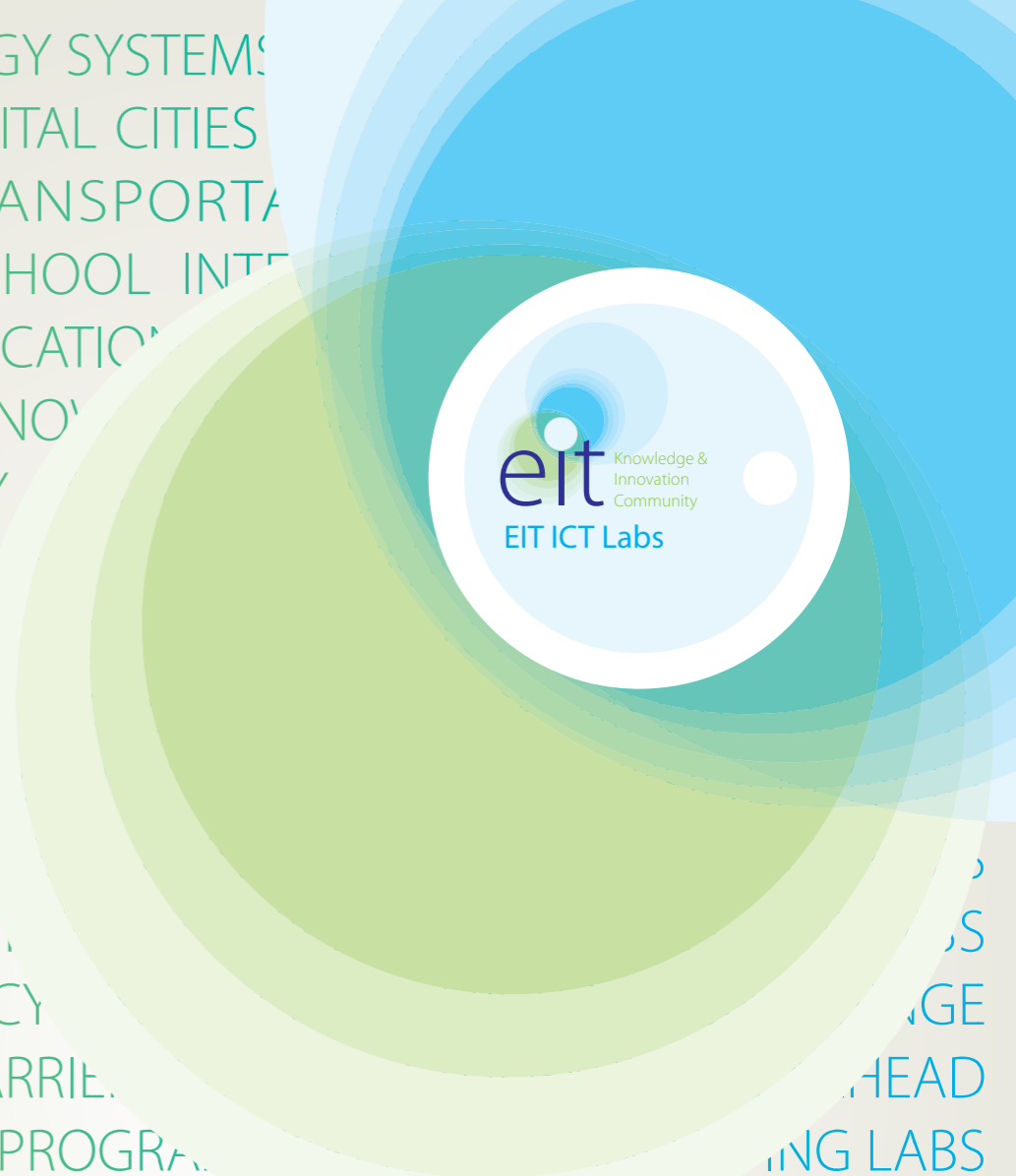


SPACES SMART ENERGY SYSTEMS ENTREPRENEURSHIP HEALTH AND WELLBEING DIGITAL CITIES OF THE FUTURE INTELLIGENT MOBILITY AND TRANSPORTATIONS SYSTEMS ACTION LINE DOCTORAL SCHOOL INTERNET TECHNOLOGIES AND ARCHITECTURES EDUCATION ICT-MEDIATED HUMAN ACTIVITY KNOWLEDGE AND INNOVATION COMMUNITIES NEW BUSINESS CREATION SECURITY PRIVACY AND TRUST INNOVATION IN ESTABLISHED COMPANIES INSPIRATIONAL CATALYST TEAM EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY NETWORKING SOLUTIONS FOR FUTURE MEDIA MASTER SCHOOL COMPUTING IN THE CLOUD STOCKHOLM PARIS HELSINKI EINDHOVEN BERLIN TRENTO NETWORK EIT ICT LABS STUDENTS CLUB ENTREPRENEURS RESEARCHERS BUSINESS PEOPLE TOGETHER CYBER PHYSICAL SYSTEMS CHALLENGE COLLABORATION CARRIER EUROPE STUDENTS SPEARHEAD RESEARCH MOBILITY PROGRAM EXPERIENCE AND LIVING LABS ENTREPRENEURS CLUB TESTBEDS AND SIMULATION TOOLS WORKSHOPS ENTREPRENEURSHIP SUPPORT SYSTEM BEST-PRACTICE BENCHMARKING KNOWLEDGE TRIANGLE BUSINESS CLUB INNOVATION RADAR ACCESS TO FINANCE OFFICE SPACE POPULATING OUR CO-LOCATION CENTRES TECHNOLOGY TRANSFER PROGRAM INNOVATION AND ENTREPRENEURSHIP MODULE **EIT ICT LABS** KNOWLEDGE & INNOVATION COMMUNITY **ANNUAL REPORT 2011** MOBILITY CO-LOCATION CENTRES RESEARCH AND DEVELOPMENT QUALITY ASSURANCE AND ACCREDITATION SUMMER SCHOOLS WINTER CAMPS INDUSTRIAL DOCTORAL TRAINING CENTRE INFORMATION AND COMMUNICATION TECHNOLOGIES

SPACES SMART ENERGY SYSTEMS AND WELLBEING DIGITAL CITIES MOBILITY AND TRANSPORTA LINE DOCTORAL SCHOOL INT ARCHITECTURES EDUCATION KNOWLEDGE AND INNOVATION CREATION SECURITY ESTABLISHED COMP EUROPEAN INSTITU NETWORKING SOL SCHOOL COMPUTI HELSINKI EINDHOVEN STUDENTS CLUB EN PEOPLE TOGETHER CY COLLABORATION CARRIE RESEARCH MOBILITY PROGRAM EXPERIENCE AND LIVING LABS CLUB INNOVATION RADAR ACCESS TO FINANCE OFFICE SPACE POPULATING OUR CO-LOCATION CENTRES TECHNOLOGY



TRANSFER PROGRAM INNOVATION AND ENTREPRENEURSHIP MODULE **EIT ICT LABS** KNOWLEDGE & INNOVATION COMMUNITY **ANNUAL REPORT 2011** MOBILITY CO-LOCATION CENTRES RESEARCH AND DEVELOPMENT QUALITY ASSURANCE AND ACCREDITATION SUMMER SCHOOLS WINTER CAMPS INDUSTRIAL DOCTORAL TRAINING CENTRE

THE EIT ICT LABS'
70 PARTNERS
REPRESENT SOME
OF EUROPE'S AND
THE WORLD'S
LEADING
ORGANISATIONS,
UNIVERSITIES,
RESEARCH
INSTITUTES AND
COMPANIES, IN THE
FIELD OF ICT!

EIT ICT LABS -
TURNING EUROPE
INTO A GLOBAL
LEADER IN
INFORMATION &
COMMUNICATION
TECHNOLOGIES -
ICT INNOVATION

ANNEXE 3 EIT ICT LABS PARTNERS

Core Partners



Affiliate Partners

Åbo Akademi University • Acreo AB • Cap Digital • Centro Nazionale delle Ricerche (CNR) • Centro Ricerche Fiat (CRF) • Data Publica • EICT GmbH • Embedded Systems Institute (ESI) • Eurecom • Fortiss GmbH • Forum Virium • Foundation Digiteo • Green Communications SAS • Hermia Ltd. • Images et Réseaux • Karlsruhe Institute of Technology (KIT) • Kista Science City AB • Luleå University of Technology • Lund University • Point. One • Pôle de Compétitivité SCS • Politecnico di Milano • Politecnico di Torino • Saarland University • SITRA • Scuola Superiore Sant'Anna • Stichting Imec • STMicroelectronics • Stockholm Innovation & Growth, (STING) • Stockholm University • Systematic Paris Région • Tampere University • TU Darmstadt • TU München • Turku University • Université de Nice-Sophia Antipolis • Université de Rennes 1 • Universiteit Utrecht • University of Helsinki • University of Bologna

Associate Partners

Budapest University of Technology and Economics (BME) • Eötvös Loránd University (ELTE) • Imperial College of Science • University College London

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EIT ICT Labs

Annual Report 2011

Our goal is to bring more innovation in the domain of Information and Communication Technologies (ICT) to market. ▶6 Our co-location centres and mobility programs help bring people from different countries, disciplines and organisations together. ▶9 To reach this goal we connect excellent European organisations in Education, Research and Industry to speed up innovation. ▶18 EIT ICT Labs will equip students, researchers, academics and business people with skills for applying creativity, risk-taking spirit and entrepreneurial capacity. ▶23

EIT ICT LABS – 2011

HIGHLIGHTS

- Five full nodes established with co-location centres in Berlin, Eindhoven, Helsinki, Paris, and Stockholm and associate partnerships in Budapest, London and Trento as well as an office in Brussels.
- The Catalyst-Carrier model, where EIT funded activities (Catalysts) work on non-EIT funded activities (Carriers) was developed in the domains of education, research, and business.
- Action lines delivered first results such as the master school set-up, the entrepreneurship support for a number of SMEs and start-ups, and some early integration activities on test-beds.
- Contracts for the establishment of the first pan-European master school in ICT Innovation were signed.
- Processes put in place to support strategy planning, business plan planning, financial planning, and operational execution.
- Strategic Innovation Agenda delivered to the General Assembly.
- Implemented an Annual Business Plan process.
- Established Intranet financial and project back office system to support activity execution, progress and financial reporting.
- Marketing and Communication been set up focussing on brand creation and getting recognised.
- Partnerships established with the PPP Future Internet, the industry-led consortium Trust in Digital Life and the ITEA2 program.
- National level relationships resulted in e.g. the Software Campus in Germany and the financial support in France for sensor test-bed activities.

Our Mission

Turn Europe into a global leader in Information and Communication Technologies - ICT innovations.

Our Vision

Transform the Knowledge Triangle of education, research and business into ICT innovations that act on the challenges and opportunities of the Digital Society and enhance the quality of life.

Focus - Driving ICT Innovation

Teams within the EIT ICT Labs European network collaborate and drive innovation projects -Action Lines - in various fields of activity such as:

- Computing in the Cloud
- Innovation in Established Companies
- Digital Cities of the Future
- Health & Wellbeing
- ICT-mediated Human Activity
- Intelligent Mobility and Transportation Systems
- Internet Technologies and Architecture
- Networking Solutions for Future Media
- New Business Creation
- Smart Spaces
- Smart Energy Systems
- Doctoral School
- Master School

OVER 300 GATHERED TO SEE THE LATEST RESEARCH RESULTS AT OTANIEMI OPEN 2011

Wednesday, 27 April 2011

THE FIRST START-UP OPERATIONAL IN THE HELSINKI NODE

Wednesday, 27 April 2011

MARKO TURPEINEN INTERVIEWED ON THE FINNISH TV-CHANNEL MTV3

Thursday, 21 April 2011

FRENCH MINISTER OF HIGHER EDUCATION & RESEARCH SIGNS PARTNER AGREEMENT FOR THE BRITTANY DIGITAL CAMPUS

Friday, 15 April 2011

DUTCH PRIME MINISTER DISCUSSED ENTREPRENEURSHIP AND INNOVATION WITH EIT ICT LABS

Monday, 11 April 2011

ROAD SHOW EVENTS - TOWARDS THE BUSINESS PLAN 2012

Thursday, 31 March 2011

MEETING WITH THE EIT KICS AND COMMISSIONER VASSILIOU

Saturday, 26 March 2011

PROFESSOR WAHLSTER RECEIVES PRESTIGIOUS GFFT AWARD

Monday, 21 March 2011

SMART SPACES WORKSHOP A SUCCESSFUL START FOR FURTHER ACTIVITIES

Monday, 14 March 2011

EIT ICT LABS DELEGATION DISCUSSED START-UPS WITH STUDENTS IN FINLAND

Monday, 14 March 2011

CEO WILLEM JONKER MEETS COMMISSIONER NEELIE KROES AT CEBIT

Thursday, 3 March 2011

ACTION LINE LEADER DAY

Thursday, 17 February 2011

THE NEW WEBSITE IS LAUNCHED!

Monday, 24 January 2011

FRENCH NODE GA ELECTED PRESIDENT AND VICE PRESIDENT

Wednesday, 12 January 2011

SOFTWARE CAMPUS - THE BEST EDUCATION FOR TOP TALENTS

Tuesday, 11 January 2011



Software Campus – The best education for top talents

Software Campus is an initiative by the German government, industry and academic partners for the education of tomorrow's IT leaders to strengthen Germany as a location for leading edge technology innovation. All Core Partners of the Berlin Node as well as further leading national companies do participate in this initiative. Official start of this initiative was December 6th, 2011.

Official start of Software Campus at 6th IT-Summit of the German Government in presence of Federal Chancellor Merkel, Federal Minister Rösler and high-ranking representatives of industry, academia and politics.

5 Technology Transfers 4 New Ventures 7 EIT ICT Labs labelled Master School Programmes 12 New Products or Services 12 Standards Contributions 21 Start-ups/SMES coached 60 Publications 32 Test Beds, Technologies, Demos, Tools 283 Students in Summer Schools 630 External Visitors in Co-location Centre Events

ANNEXE 2 EIT ICT LABS NEWS 2011

THE EIT ICT LABS MASTER SCHOOL WEB IS LAUNCHED!

Thursday, 15 December 2011

FINNISH SMART ENERGY STARTUP ON THE RISE

Friday, 11 November 2011

JOHANNA GAVEFALK NEW HEAD OF MARCOM FOR EIT ICT LABS

Wednesday, 9 November 2011

OLIVIER FESTOR NEW RESEARCH DIRECTOR

Sunday, 6 November 2011

STARTUP WINS 1 YEAR OF COACHING WITH EIT ICT LABS

Thursday, 3 November 2011

EIT ICT LABS AND ITEA2 ANNOUNCED COLLABORATION

Thursday, 27 October 2011

HACKING FOR GREEN ICT SERVICES

Sunday, 23 October 2011

ENTREPRENEURSHIP IS ABOUT LEARNING BY DOING

Monday, 17 October 2011

A MEETING OF PRESIDENTS AT KTH

Thursday, 13 October 2011

WINNERS OF SMART GRID INNOVATION CONTEST

Tuesday, 11 October 2011

WELLBEING INNOVATION CAMP VISITS PHILIPS RESEARCH

Wednesday, 5 October 2011

ERC GRANTS TO EMERGING RESEARCH LEADERS

Wednesday, 21 September 2011

CEO WILLEM JONKER VISITS THE DFKI FACILITIES AND LIVING LABS

Monday, 15 August 2011

KLAUS BEETZ TO TAKE OFFICE AS NEW BUSINESS DIRECTOR OF EIT ICT LABS

Monday, 18 July 2011

NEW COMPETENCES IN SMART ENERGY SYSTEMS - FROM TOP INNOVATIONS TO FOCUS SETTING IN EDUCATION

Wednesday, 6 July 2011

EIT ICT LABS HELSINKI AND NOKIA RESEARCH CENTER MOVING TO OPEN INNOVATION HOUSE

Wednesday, 29 June 2011

EIT ICT LABS AT THE INNOVATION ECOSYSTEMS SUMMIT AT STANFORD

Tuesday, 7 June 2011

GREEN COMMUNICATIONS FIRST SPINOFF COMPANY FROM THE PARIS NODE

Wednesday, 1 June 2011

PLURICAST - THE FIRST START-UP IN THE STOCKHOLM NODE ECOSYSTEM

Monday, 30 May 2011

ITRE UP TO SPEED ON EIT AND KIC ACHIEVEMENTS

Sunday, 29 May 2011

JOSÉ MANUEL LECETA APPOINTED DIRECTOR OF THE EIT

Thursday, 19 May 2011

CEO WILLEM JONKER ON "PARTNERING FOR INNOVATION"

Wednesday, 18 May 2011

KICK-OFF FOR LINC'S BY FRENCH MINISTER OF HIGHER EDUCATION & RESEARCH

Wednesday, 4 May 2011

EIT ICT LABS CALL OF ACTIVITIES 2012 OPENED

Sunday, 1 May 2011

PROF. JORMA LAMMASNIEMI APPOINTED REPRESENTATIVE MEMBER TO THE EIT GOVERNING BOARD

Thursday, 28. April 2011

PROF. DR. H.C. HARTMUT RAFFLER APPOINTED TO EIT ICT LABS EXECUTIVE STEERING BOARD

Thursday, 28 April 2011

ALEXANDER VON GABAIN TO SUCCEED MARTIN SCHUURMANS IN SEPTEMBER

Wednesday, 27 April 2011



FOREWORD

I am pleased to present the first Annual Report of EIT ICT Labs. This report provides a summary of the many activities carried out in 2011, since signing the contract with EIT in late 2010 and after winning the KIC selection late in 2009. Furthermore it reflects the commitment given to innovations and gives a comprehensive overview of our operations, governance and financial situation.

2011 has been the first full operational year of EIT ICT Labs. With the arrival of our CEO Willem Jonker and the appointment of the Management Committee members the daily management of the KIC (Knowledge & Innovation Community) is guaranteed. The Executive Steering Board members have been formally appointed providing strategic leadership to the Knowledge & Innovation Community (KIC). The General Assembly has held its two annual meetings thus providing a platform for our partner organisations to decide on the strategic direction and annual business plan.

While the main focus has been on organising the KIC, an impressive number of initial results have already been achieved. I would especially like to mention our EIT ICT Labs Master School engaging

nearly 20 universities in Europe, our Entrepreneur Support System that is now in full action in all nodes and already delivered four new start-ups, as well as our development of pan-European test-beds and experience labs. After one year in full operation EIT ICT Labs is a vibrant community where education, research, and business meet to fuel ICT Innovation in Europe.

When looking ahead we will work together with EIT to further simplify the operations and generate the impact and reputation needed to become a world renowned leader in innovation. EIT ICT Labs will extend its footprint in Italy with the inclusion of the Trento Node and we will further develop our strategic relations with other parts of Europe and the world. In the context of Horizon 2020, the EIT will be an important innovation instrument in the European landscape. Based on the successful launch of EIT, and the convincing early achievements of the KICs, the European Commission proposed to the European Council and Parliament a strong position of EIT in Horizon 2020 with a budget of 3.2B Euro.

All in all 2011 has been a very successful year for EIT ICT Labs and the prospect for the future looks bright. The core machinery is in place and the first results are visible. We will continue with focused investments for impact to become a leading ICT innovation factory in Europe.

I'd like to thank members, partners and staff for their personal dedication and contribution.

Henning Kagermann
Chairman of the Executive Steering Board

CEO STATEMENT

“The mission of EIT ICT Labs is to boost ICT innovation in Europe.”

Willem Jonker CEO

We therefore will breed entrepreneurial ICT top talent via the transformation of higher education to promote creativity and entrepreneurial spirit. Our community is committed to speed up ICT innovation by bringing people together from different countries, disciplines and organisations via mobility programs and co-location centers. And we aim at generating world-class ICT business via broader and faster valorisation of research results. Our motto for 2011 is “Get Organised – Get Recognised”. After preparatory work in 2010, 2011 was the first full year of operation and can be characterised by building the factory while start shipping first results at the same time. In order to get organised and recognised we have executed a management agenda with six focal areas: Nodes and co-location centres, Innovation Catalysts, Action Lines, Processes, Marketing & Communications and Relationships.

Nodes and co-location centre are the cornerstones of EIT ICT Labs. In 2011 we had 5 full nodes with co-location centres in Berlin, Eindhoven, Helsinki, Paris, and Stockholm with associate partnerships in Budapest, London and Trento. Most nodes completed their initial setup by early 2011. The more extensive refurbishing of the Berlin co-location centre was completed by September. Recruiting node-level personnel was in progress throughout the year, typically resulting in a setup where node directors are assisted by a team of 3-4 persons. In the first half of 2011 an evaluation process was run to assess the associated partnerships which led to the decision to upgrade Trento to a full node per January 2012. We also established an office in Brussels to be well connected to the European institutions and for running board and assembly meetings as well as workshops.

In order to boost ICT innovations EIT ICT Labs has developed the so-called Catalyst-Carrier model, where EIT funded activities (Catalysts) work on non-EIT funded activities (Carriers) to boost innovation. A first set of Innovation Catalysts was defined late 2010 and early 2011 and experimented in 2011. These catalysts are in the domains of education, research, and business. Examples are innovation summer schools, entrepreneurship modules, patent boosting, living labs test-beds, entrepreneurship support and business modelling. Innovation Catalysts are at the core of EIT ICT Labs and they are continuously evolving based on analysis of their impact.

The execution of the annual Business Plan takes place via so-called action lines. Action lines are a coherent set of activities in a specific domain. In 2011 we set up a total of 13 action lines (2 education, 3 research, 2 business and 6 thematic). Action line leaders have been appointed and have started to organise the activities. By the end of 2011 action lines have delivered first results such as the master school set-up, the entrepreneurship support for a number of SMEs and start-ups and some early integration activities on test-beds. A major achievement has been the signing of the contracts by me and our university presidents for the establishment of the first pan-European master school in ICT Innovation.



EIT ICT LABS PARTNER EVENT

Wednesday, 29. June 2011 - Eindhoven

WORKSHOP I&E MODULE FRANCE

Wednesday, 22. June 2011 - Paris

POPULATING THE CLC / OFFICE 2.0 MEETING

Tuesday, 7. June 2011 - Stockholm

NODE PARTNER EVENT – WRAP UP BEFORE SUMMER VACATIONS

Tuesday, 7. June 2011 - Stockholm

EIT ICT LABS PARTNERS WELCOME TO TECHNOLOGY OPEN MARKET

Tuesday, 7. June 2011 - Paris

2ND THEMATIC WORKSHOP ON ITS ACTION LINE

Monday, 23. May 2011 - Berlin

CLOUD HPC TRAINING

Wednesday, 18. May 2011 - Paris

TECHNOLOGY TRANSFER PROGRAM WORKSHOP

Thursday, 5. May 2011 - Stockholm

SMART ENERGY SYSTEMS WORKSHOP - PROPOSALS 2012

Thursday, 5. May 2011 - Eindhoven

ROAD SHOW EVENT STOCKHOLM

Thursday, 28. April 2011 - Stockholm

ROAD SHOW EVENT BERLIN

Wednesday, 27. April 2011 - Berlin

INTELLIGENT TRANSPORTATION SYSTEMS - ACTION LINE WORKSHOP

Tuesday, 26. April 2011 -

ROAD SHOW EVENT PARIS

Tuesday, 26. April 2011

ROAD SHOW EVENT EINDHOVEN

Tuesday, 19. April 2011

GENERAL ASSEMBLY MEETING

Friday, 15. April 2011 - Brussels

EIT SIA STAKEHOLDER CONFERENCE

Thursday, 14. April 2011 - Budapest

KICK-OFF MEETING DOCTORAL SCHOOLS

Thursday, 14. April 2011

2ND WORKSHOP “ACCESS TO FINANCE”

Wednesday, 13. April 2011 - Stockholm

INFODAY SOPHIA-ANTIPOLIS

Tuesday, 12. April 2011

STRATEGY WORKSHOP - SMART ENERGY SYSTEMS

Monday, 11. April 2011 - Berlin

E2E ENERGY CONSUMPTION METRICS WORKSHOP

Wednesday, 30. March 2011 - Helsinki

FUTURE MEDIA AND CONTENT DELIVERY PLANNING WORKSHOP

Thursday, 24. March 2011 - Stockholm

MOBILE MEDIA SERVICES LABS WORKSHOP

Wednesday, 23. March 2011 - Stockholm

TRENTO RISE PRESENTS ACTIVITIES WITH EIT ICT LABS AT ICT DAYS

Tuesday, 15. March 2011 - Trento

SMART SPACES WORKSHOP

Tuesday, 8. March 2011

ANNUAL WORKSHOP ON DIGITAL CITIES OF THE FUTURE

Tuesday, 1. March 2011 - Paris

ENTREPRENEURSHIP SUPPORT SYSTEMS WORKSHOP

Monday, 28. February 2011

KICK OFF COMPUTING IN THE CLOUD

Thursday, 24. February 2011

KICK OFF “INTERNET ARCHITECTURE & TECHNOLOGIES”

Tuesday, 15. February 2011 - Paris

EIT ICT LABS MASTER SCHOOL PLANNING MEETING

Friday, 28. January 2011

KIC STRATEGY BRAINSTORMING

Monday, 24. January 2011 - Paris

ANNEXE 1

EIT ICT LABS EVENTS 2011

SMART MATCH MAKING IN DIGITAL CITIES WORKSHOP

Monday, 19. December 2011 - Paris

OPEN INNOVATION WORKSHOP FOR THE INTELLIGENT MOBILITY TRANSPORTATION THEMATIC ACTION LINE

Friday, 16. December 2011 - Paris

TEDXKTH: ICT AS A GAME CHANGER

Tuesday, 13. December 2011 - Stockholm

EUROPEAN CLUSTERS INVEST EVENT IN PARIS, 8-9 DECEMBER

Thursday, 8. December 2011 - Paris

INNOVATION CONVENTION 2011

Monday, 5. December 2011 - Brussels

CONNECTED CITIES - DIGITAL CITY WORKSHOP

Tuesday, 29. November 2011 - Paris

BUSINESS MODELING CATALYST NODE CORRESPONDENTS MEETING & EXPERT WORKSHOP

Monday, 28. November 2011 - Berlin

INTELLIGENT MOBILITY AND TRANSPORTATION ACTION LINE WORKSHOP

Friday, 25. November 2011 - Berlin

TRENTO RISE AT THE EXHIBITION "THE SEMANTIC WAY"

Thursday, 24. November 2011 - Trento

OPEN SOURCE INNOVATION CATALYST WORKSHOP

Thursday, 24. November 2011

1ST WORKSHOP ON SMART MATCH MAKING IN DIGITAL CITIES

Wednesday, 23. November 2011 - Saarbrücken

EIT ICT LABS FUTURE MEDIA AND CONTENT DELIVERY WORKSHOP

Tuesday, 22. November 2011 - Stockholm

SMART ENERGY SYSTEMS WORKSHOP WEEK

Tuesday, 22. November 2011 - Berlin

EIT ICT LABS SMART SPACES WORKSHOP

Wednesday, 9. November 2011

DATA TUESDAY LAUNCH

Tuesday, 8. November 2011 - Paris

FUNDAMENTALS OF FUTURE NETWORKING WORKSHOP

Monday, 7. November 2011 - Helsinki

SLUSH 2011 - START-UP EVENT

Wednesday, 2. November 2011 - Helsinki

EINDHOVEN STARTUP WEEKEND

Friday, 28. October 2011 - Eindhoven

FINNISH CLOUD SOFTWARE SYMPOSIUM

Thursday, 27. October 2011 - Helsinki

ITEA AND ARTEMIS CO-SUMMIT

Tuesday, 25. October 2011 - Helsinki

EIT ICT LABS PITCH@BERLIN - INVITATION FOR INVESTORS

Monday, 24. October 2011 - Berlin

STOCKHOLM GREEN HACKATHON

Friday, 21. October 2011 - Stockholm

LAUNCH OF THE DATA PUBLICA DATASTORE AT THE PARIS CO-LOCATION CENTRE

Wednesday, 19. October 2011 - Paris

EIT CONFERENCE YOUTH AND ENTREPRENEURSHIP - DRIVERS FOR INNOVATION

Wednesday, 19. October 2011 - Krakow

SMART ENERGY SUMMER SCHOOL

Monday, 17. October 2011

TECHNOLOGY TRANSFER PROGRAM CATALYST WORKSHOP

Monday, 10. October 2011 - Berlin

INCORPORATION OF THE OPENURC ALLIANCE AT EIT ICT LABS CORE PARTNER DFKI

Friday, 7. October 2011 - Saarbrücken

EIT ICT LABS OPENSEM AT 2011 NEM SUMMIT

Tuesday, 27. September 2011 - Torino

PERSONAL SAFETY IN THE CITY WORKSHOP

Thursday, 22. September 2011 - Paris

FIRST ANNUAL CLOUD DAY IN KISTA

Wednesday, September 14, 2011 - Stockholm

OPENING OF THE BERLIN NODE CO-LOCATION CENTRE

Friday, 9. September 2011 - Berlin

MOBILE HCI 2011

Tuesday, 30. August 2011

THE EIT ICT LABS WELLBEING INNOVATION CAMP

Monday, 29. August 2011 - Eindhoven

THE EIT ICT LABS COMP-IT SUMMER SCHOOL

Wednesday, 24. August 2011

ENTREPRENEURS IT @ ITALY

Thursday, 7. July 2011 - Trento

“ 2011 has been an active year with a lot of progress. I feel confident in saying that we have achieved to get organised and that we are well on our way to get recognised. ”



Processes have been put in place to support strategy, business and financial planning, as well as operational execution. Transparency and simplicity have been the key design criteria. The strategy planning results in a yearly updated Strategic Innovation Agenda, a first version has been delivered to the General Assembly. The annual business plan process has been defined consisting of call preparation from January till March, a road show in April, a call in May, an evaluation of proposals in June, a business plan submitted to board and assembly in September and to EIT in October, and finalisation in December. Next to that the Intranet has been set up as well as our financial and project back office system to support activity execution, progress and financial reporting.

Marketing and Communication has been set up focussing on brand creation and getting recognised. The external web-site is an important communication channel to the outside world. Some nodes have started news letters and the Intranet is an important tool for internal communication. Also there have been numerous presentations at various external and internal events. The partner event in Eindhoven brought together our partners in June to exchange information, discuss, and determine directions.

EIT ICT Labs operates both in the European and national landscapes of research, education and business development activities. It is therefore crucial to establish relationships with other key players. The embedding of EIT in Horizon2020 is an important step toward recognition and positioning. For EIT ICT Labs relationships with DG EAC, DG INFSO and DG RTD are crucial. Partnerships have been established with the PPP Future Internet, the industry-led consortium Trust in Digital Life and the ITEA2 program. Also at national level several relationships have been established resulting in alignment of activities and financial support. Examples are the Software Campus in Germany that will be managed by EIT ICT Labs and the financial support in France for our sensor test-bed activities.

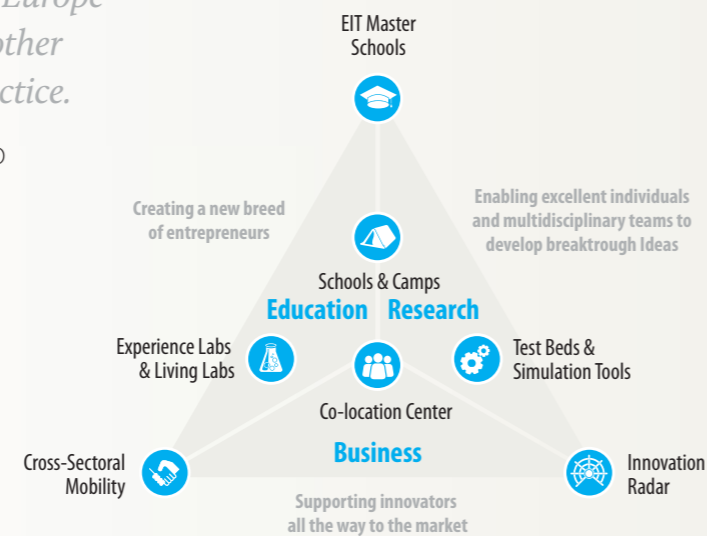
As can be seen from the above, 2011 has been an active year with a lot of progress. I feel confident in saying that we have achieved to get organised and that we are well on our way to get recognised. Of course this could only be achieved through the relentless commitment of the people involved in EIT ICT Labs: our partners, our assembly and board members, our MC members, our action line leaders, and last but certainly not least all our people working in our activities. My sincere thanks to all of you!

Willem Jonker CEO

EIT ICT LABS' STRATEGY

EIT ICT Labs' strategy derives from the so-called innovation paradox: even though Europe is strong in ICT research, it lags behind other regions in turning research results to practice.

Martti Mäntylä CSO



Therefore, it has adopted the mission to turn Europe into a global leader in ICT innovation, capable of creating added value and high-quality jobs for Europeans.

Another root to our strategy is ICT's key role in driving new services and applications for the benefit of society and users, and thereby creating new opportunities for companies and entrepreneurship. ICT is not only vital for addressing European societal challenges, but also enables entirely new opportunities of the emerging Digital Society to provide value to users in their personal, social, and public lives. To deliver on these opportunities is a strong motivator of our work.

EIT ICT Labs shares its mission with many other European and national initiatives. Our specificity stems from not the mission itself, but from our unique approach as encapsulated in our vision: EIT ICT Labs transforms the knowledge triangle of education, research, and business in Europe to an integrated and mutually reinforcing whole capable of acting on the challenges and opportunities of the Digital Society.

GOVERNANCE STRUCTURE

EXECUTIVE STEERING BOARD (ESB)

The General Assembly is the highest decision-making body in EIT ICT Labs, deciding on the strategic issues and approving the Strategic Innovation Agenda (SIA). At the General Assembly the Core Partners elect Executive Steering Board members.

The ESB is formed by two representatives per Node, one from an industry Core Partner and one from an academia/institute Core Partner. It is elected by the General Assembly and appoints its chairman, the CEO and other main officers of the KIC. The ESB provides guidance to the CEO in strategic tasks, decides on specific EIT-funded activities, evaluates and validates the progress of these activities, approves co-funding eligibility, and makes recommendations on the admission and exit of partners.

The Chairman is responsible for the strategic external positioning of EIT ICT Labs and for securing long-term increases in private funding.

MEMBERS OF THE EXECUTIVE STEERING BOARD (ESB)

CHAIRMAN	Henning Kagermann, Acatech
BERLIN	Hartmut Raffler, Siemens Wolfgang Wahlster, Dfki
EINDHOVEN	Emile Aarts, Philips Peter Apers, 3tu.Nirict
HELSINKI	Jyri Huopaniemi, Nokia Heikki Saikkonen, Aalto University
PARIS	Jean-Luc Beylat, Alcatel- Lucent Jean-Pierre Banâtre, Inria
STOCKHOLM	Magnus Madfors, Ericsson Peter Gudmundson, Kth

PARTNERS OF EIT ICT LABS

The EIT ICT Labs' partners represent some of Europe's and the world's leading organisations, universities, research institutes and companies, in the field of ICT. Three different hence complementary categories of Partners are brought together within the EIT ICT Labs KIC. Decision powers of these Partners, i.e. formal voting rights, are based on their contributions to KIC activities.

Core Partners which are the initial partners of the first application and Core Partners of the first Framework Partnership Agreement signed with EIT. The Core partners are members of the KIC Association. They represent world-class excellence, are fully committed to the KIC application and will raise the necessary co-funding for the EIT ICT Labs execution. Core Partners control and manage the EIT ICT Labs through their membership in the Association and the ESB (Executive Steering Board) elected by Association GA. They have equal voting rights at the GA, can participate in activities at any co-location centre and are organised through the Nodes and responsible for the operation of their respective Node. They must fulfill minimum criteria regarding contributions to EIT ICT Labs to remain Core Partner.

Affiliate Partners are other organisations participating in and contributing to the activities of EIT ICT Labs. They are usually active on Node level and are typically universities, SMEs or venture capital funds and companies. They have a contract with the EIT ICT Labs KIC Association and a mandate with a specific Node through which they supply competence and human resources to its co-location centre. Affiliated partners obtain general information from EIT ICT Labs and have access to all activities of EIT ICT Labs but are not members of the Association and have no voting rights in the GA.

Associate Partners have specific tasks at the EIT ICT Labs KIC level that are not addressed by the Nodes. These organisations are not linked to a specific node due to their geographical location. They have a contract with EIT ICT Labs KIC Association, obtain general information from EIT ICT Labs and have access to all EIT ICT Labs activities but are not members of the Association and have no voting rights in the GA.

» LIST OF PARTNERS CAN BE FOUND IN ANNEXE 3.



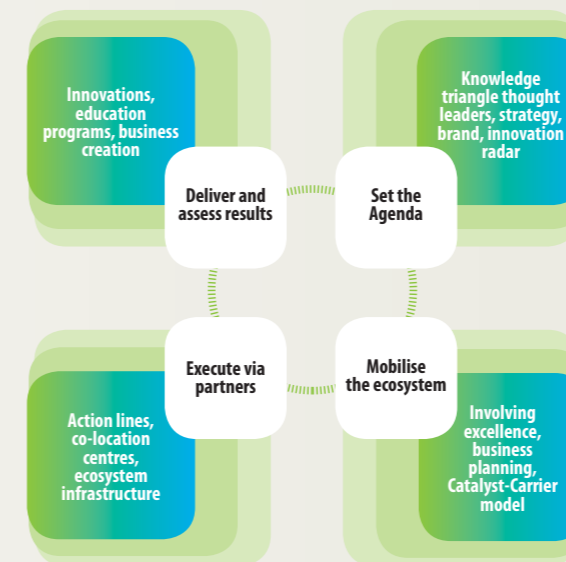
EIT ICT Labs Management Committee 2011; From the top - left to right: Hannu Tenhunen - Education Director, Marko Turpeinen - Node Director Helsinki, Olivier Festor - Research Director, Martti Mäntylä - COO, Bruno Le Dantec - Node Director Paris, Klaus Beetz - Business Director, Gunnar Landgren - Node Director Stockholm, Udo Bub - Node Director Berlin, Willem Jonker - CEO, Stan Smits - CSO, Roberto Saracco - Node Director Trento, Johanna Gavelfalk - Marketing & Communication Director, Laure Le Bars - Principle of Staff, Patrick Strating - Node Director Eindhoven

MANAGEMENT COMMITTEE (MC)

The CSO liaises with the Directors of Education, Research and Business and prepares the Strategic Innovation Agenda and annual Work Plan. CSO also liaises with EU and national level programs and initiatives, establishes and maintains links with key international (outside EU) activities and programs, and coordinates them with the KIC activities.

The Education, Research and Business Directors, more commonly referred to as the ERB Directors, are responsible for developing and managing joint actions in their respective domains.

The CEO is leading the EIT ICT Labs daily operations and ensuring achievement of the goals according to the business plan. The CEO is appointed by and works under the supervision of the Executive Steering Board, ESB.



Our Approach to World-Class Innovation

The top-level goal of EIT ICT Labs' strategy is to become a leading force in ICT innovation in Europe through integrating and reorganising the realms of the knowledge triangle. In other words, EIT ICT Labs innovates IN the knowledge triangle to better innovate WITH the knowledge triangle.

At the core of the strategy is the concept of thought leadership in ICT innovation, created and reinforced by the innovation cycle:

SET THE AGENDA Build and maintain the competence for defining compelling and engaging visions of the future and getting them recognised by the key stakeholders.

MOBILISE ACTORS AND RESOURCES Build and maintain the competence of recruiting other excellent actors and their resources – brains, technologies, and money – to pursue the goals of the agenda.

EXECUTE Build and maintain world-class competence in executing the full scale of activities needed.

DELIVER Build and maintain world-class competence in bringing the results to the market and facilitating their commercial success and impact.

THE VISION RESTS ON THE UNIQUE SELLING PROPOSITIONS OF EIT ICT LABS

- Knowledge Triangle integration: EIT ICT Labs has the mandate to engage in all realms of the so-called knowledge triangle – education, research, and business – and to work across them for added value. We are the sole European institution with this mandate.
- Complementarity, added value, and leverage: Likewise, EIT ICT Labs has the mandate and the means to innovate its own ways of work. In particular, the EIT grant is exclusively aimed at complementary actions executed on top of existing programs and instruments for added value and high leverage.
- Co-location centres and nodes: Our national nodes and their co-location centres provide EIT ICT Labs the muscles it needs for executing its agenda at European and national levels. They also are the focus points for mobility, interaction, and open innovation, aiming to become world-class innovation hotspots in their chosen foci.
- Long-term vision: EIT ICT Labs has been established with a 15-year vision. This longevity makes it possible to define and execute long-term strategies based on knowledge and trust accumulation, leading to a growing presence in the European innovation ecosystem.

Mission of EIT ICT Labs

To turn Europe into a global leader in Information and Communication Technologies - ICT innovations.

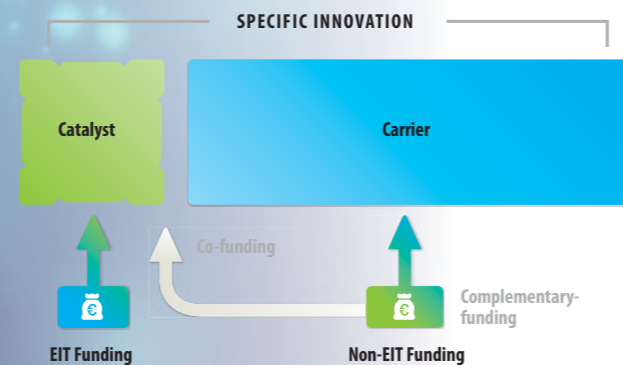
Vision of EIT ICT Labs

We transform the Knowledge Triangle of education, research and business into ICT innovations that act on the challenges and opportunities of the Digital Society and enhance the quality of life.

Catalyst - Carrier Model

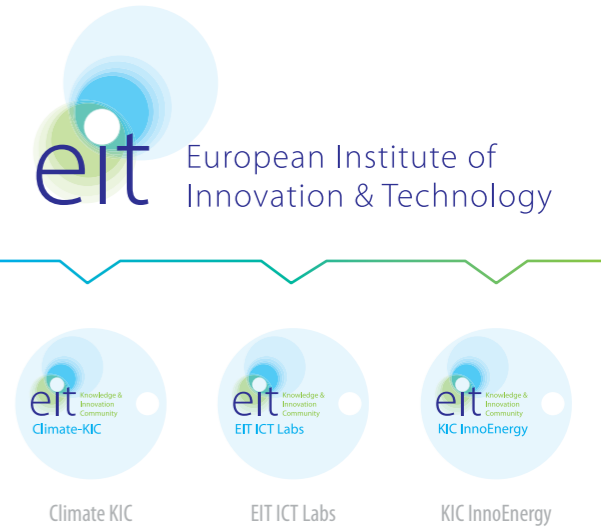
The catalyst-carrier model is a key means to realise the innovation cycle. Specifically, we develop value-adding actions, the catalysts, and apply them on complementary activities, the carriers. Each catalyst is aimed to produce a specific innovation as its output on top of the carriers, which are typically research, educational, or business programs funded by complementary sources.

Each catalyst is aimed to produce a specific innovation as its output. For instance, the educational catalysts of the catalyst set focus on robust entrepreneurship education to empower students and integrate them to innovation ecosystems. Through research catalysts such as experimental and living labs, we embrace the users and engage them with our work. The business catalysts give hands-on and timely help to new ventures or entrepreneurs in large companies. Amongst common catalysts applicable in all of these domains, we provide specific catalysts for maintaining a foresight of the potential futures and for roadmapping our work.



ABOUT EIT ICT LABS

EIT ICT Labs is one of the first three Knowledge and Innovation Communities (KICs) selected by the European Institute of Innovation & Technology (EIT) to accelerate innovation in Europe. EIT is a new independent community body set up to address Europe's innovation gap. It aims to rapidly emerge as a key driver of EU's sustainable growth and competitiveness through the stimulation of world-leading innovation.



European organisations are considered to deliver excellence in research and top-level scientific output, but lag behind in the ability of converting these into wealth-generating innovations and service ready for the market.

Our goal is to bring more innovation in the domain of Information and Communication Technologies (ICT) to market. To reach this goal we connect excellent European organisations in Education, Research and Industry to speed up innovation. There are similar KICs on Energy and Climate change.

EIT ICT Labs is EIT's KIC for the Information Society. We breed entrepreneurial ICT top talent by transforming higher education towards promoting innovation and entrepreneurial spirit. Our co-location centres and mobility programs help bring people from different countries, disciplines and organisations together.

EIT ICT Labs will equip students, researchers, academics and business people with skills for applying creativity, risk-taking spirit and entrepreneurial capacity. We empower top talents to lead Europe into a new ICT age.

By developing and applying innovation catalysts we leverage on existing regional, national and EU-level funding instruments to speed up innovation in Europe. Our catalysts focus on integrating the three elements of the knowledge triangle - Education, Research and Business.

EIT ICT Labs co-location centres play a vital role as virtual and live meeting places for project members, students, entrepreneurs, SMEs and start-ups as well as major industrial partners searching for new talents and new innovative opportunities.





Each Budget Segment contains several Action Lines and within each Action Line we have several KIC Activities and within each KIC activity we have several KIC Added-value Tasks and Complementary Tasks.

If we compare the overall KIC Catalyst cost versus budget (combining EIT funding and co-funding) we can make the following observations per Area:

- Business Activities underspend by 20% mainly because the funding model for pre-venture loans could not be established with the current eligibility criteria.
- Education Activities underspend by 5% mainly because the Business Development Experience Activity did not materialise at the level foreseen.
- Research Activities have overspent by 18% spread over several activities.
- Thematic Area Activities overspend by 16% mainly in Digital Cities and Future Media and Content.
- Coordination and Co-location Activities underspend by 2% mainly due to the vacancy of a Marketing Director in the second half of 2011.

All EIT funded Area costs have remained under the EIT funded budget levels so the GA threshold of 20% has not been passed by any of the Areas.

A total of 60 KIC Partners have signed the Partner Grant Agreement. Of those 60 KIC Partners 4 have not submitted a Cost report because they did not register eligible cost during the year. In several cases this was due to the lengthy process to get the Internal Agreement

established (in one case the agreement even needed to be translated into the local language) between the KIC Partner and the KIC LE. One KIC Partner (Orange) has contributed with Complementary Activities but does not declare any KIC Added-value Activity costs.

36 KIC Partners have submitted Certificates of Financial Statements, covering 15.9 M€ EIT funding of the total requested 16.6 M€. This means that the CFS' have coverage of 96%. The total cost for these audits was about 102 k€.

The complex process imposed by EIT on the KIC with a Bank Guarantee has resulted in a FPA/GA related cost of 110 k€.

2 KIC Partners have reported costs for sub-granting. The highest sub-grant was 8.7 k€ and the total was 11.9 k€. Both individual and overall sub-grants have remained well below the GA limits.

14 KIC Partners have reported sub-contracts > 5k€ with a total of 1.5 M€ out of 1.7 M€. The majority of the sub-contracts were associated with coordination and co-location activities: 0.9 M€.

13 KIC Partners have reported Infrastructure and Capex purchase or depreciation for a total of 355 k€. Of this amount 324 k€ was for coordination and co-location and the special Office Space 2.0 Activity. The majority of the amount (326 k€) represents purchase of equipment, which is well below the GA limit of 1 M€.

Thanks to excellent cooperation with our partners the Cost Report 2011 was submitted before the end of February.

COLLABORATIONS WITH EUROPEAN PROGRAMS AND INITIATIVES

Alignment with innovation programs at both national and European level is of great importance for EIT ICT Labs. In 2011 we have analysed the European landscape which has resulted in starting strategic collaborations with three European Programs and Initiatives

- ITEA2
- Future Internet Public Private Partnership
- Trust in Digital Life.

ITEA2

ITEA2 stimulates and coordinates industry-driven, business-oriented, pre-competitive R&D by bringing together partners from industry, universities and research institutes in strategic projects. Currently ITEA runs a set of over 140 projects (ITEA & ITEA 2) with more than 1000 partners from 30 countries.

During the ITEA2 /ARTEMIS co-summit on October 25-26 in Helsinki ITEA2 Chairman Rudolf Hagenmüller and EIT ICT Labs' CEO Willem Jonker kicked-off the collaboration. During 2012 five selected ITEA projects will serve as Carriers for specific EIT ICT Labs Catalysts. The collaboration is driven by ITEA2 Vice-Chairman Philippe Letellier and our business director Klaus Beetz.

For more information go to www.itea2.org

THE FUTURE INTERNET PUBLIC PRIVATE PARTNERSHIP

The Future Internet Public Private Partnership aims to advance Europe's competitiveness in Future Internet technologies and systems and to support the emergence of Future Internet-enhanced applications of public and social relevance. It addresses the need to make public service infrastructures and business processes significantly smarter (i.e. more intelligent, more efficient, more sustainable) through tighter integration with Internet networking and computing capabilities.

Discussions have started with INFOSO and the Concord coordination and support action aiming at a memorandum of collaboration defining the way FI-PPP activities and EIT ICT Labs Catalysts will be combined to boost innovation. Concord co-ordinator Petra Turkama and our CSO Martti Mäntylä are driving the collaboration.

For more information go to www.fi-ppp.eu

TRUST IN DIGITAL LIFE

Trust in Digital Life Consortium aims to set out a vision for trustworthy products relating to information and communications technology (ICT), including devices, applications, services, and infrastructures. The TDL Partnership will translate this vision into an agenda for research and innovation, placing particular emphasis on transparency and accountability. Members will illustrate how combinations of trustworthy ICT-related products can give effect to specific public policy goals.

After investigating the possibilities for collaboration TDL and EIT ICT Labs decided to work towards a joint work program and to submit a joint co-ordination and support action proposal. The aim is to further strengthen the collaboration between the TDL activities and the EIT ICT Labs action line on trust, privacy and security. Drivers of the collaboration are Arthur Leijten and our research director Olivier Festor.

For more information go to www.trustindigitallife.eu

ACTION LINES

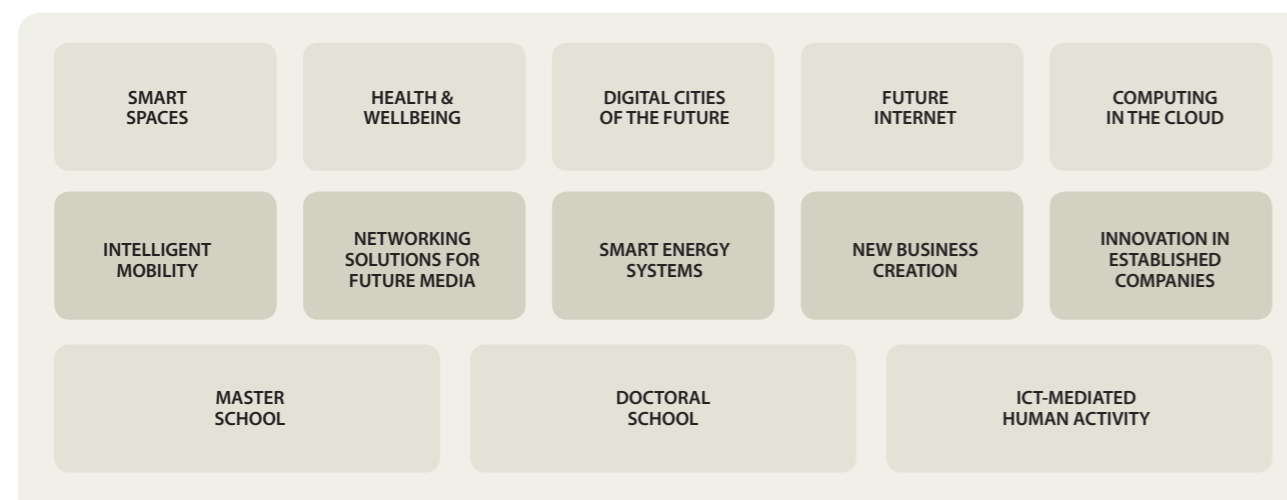
THE INNOVATION FACTORY

To align and focus the work of EIT ICT Labs and to achieve efficient impact delivery, the bulk of its work is carried out in action lines addressing the key societal challenges and opportunities. They constitute the production lines of the EIT ICT Labs innovation factory.

The definition and execution of action lines rests on EIT ICT Labs USP's. In particular, the integration of the knowledge triangle is enacted through action lines, each blending education, research, and business according to its particular needs and scope.

Each action line is composed of typically linked value added activities, composed of catalysts applied to carriers. Action lines have a designated leader responsible of the portfolio management, execution, and outputs of the action line, and reporting to its "owner" in the Management Committee of the KIC. Hence, action lines are not only a work structure, but also define a management and reporting structure. All action lines are expected to combine partners from several nodes.

We implement our innovation strategy through a work program consisting of action lines. Action lines are coherent sets of activities that address specific innovations, e.g. cloud computing, doctoral school, and smart energy systems.



Action Lines	EIT Contribution Catalyst	Co-Funding Catalyst	Total Cost Catalyst	Catalyst Budget [EIT]	Total Costs Carrier	Total Budget Carrier
Business						
Business Catalyst Development	€959.995,15	€103.702,33	€1.063.697,48	€1.354.022,04	€1.473.714,67	€963.000,00
Innovation in Existing Companies	€617.837,08	€46.849,22	€664.686,30	€698.208,64	€868.690,89	€519.200,00
New Business Creation	€1.042.302,11	€143.144,94	€1.185.447,05	€1.579.324,66	€4.442.508,13	€4.168.625,00
Business Total	€2.620.134,34	€293.696,49	€2.913.830,83	€3.631.555,34	€6.784.913,69	€5.650.825,00
Coordination and Colocation						
Co-location Centers	€3.159.396,53	€328.728,26	€3.488.124,78	€3.672.000,00	€455.464,60	€1.230.000,00
Management	€1.329.196,87	€297.386,36	€1.626.583,22	€1.466.000,00	€-	€-
Marketing	€293.074,22	€6.144,99	€299.219,21	€600.000,00	€-	€-
Interest received on Grant	€(76.665,64)	€-	€(76.665,64)	€-	€-	€-
Cost associated with FPA and GA	€110.191,80	€-	€110.191,80	€-	€-	€-
Certificate on the Financial Statements	€101.657,54	€-	€101.657,54	€-	€-	€-
Coordination and Colocation Total	€4.916.851,31	€632.259,61	€5.549.110,92	€5.738.000,00	€455.464,60	€1.230.000,00
Education						
Doctoral School	€380.030,84	€11.002,86	€391.033,69	€682.382,57	€1.940.593,98	€1.479.000,00
Master School	€1.593.078,52	€472.832,96	€2.065.911,47	€1.894.100,39	€1.702.557,66	€1.807.400,00
Education Total	€1.973.109,35	€483.835,81	€2.456.945,17	€2.576.482,96	€3.643.151,64	€3.286.400,00
Research						
Cloud Computing	€952.534,01	€138.920,71	€1.091.454,72	€872.997,34	€5.333.373,32	€4.804.420,00
ICT-mediated Human Activity	€60.000,00	€1.966,83	€61.966,83	€47.489,24	€-	€-
Internet Technologies and Architectures	€354.838,29	€95.163,28	€450.001,57	€433.373,92	€5.592.408,96	€5.006.700,00
Research Total	€1.367.372,30	€236.050,82	€1.603.423,12	€1.353.860,49	€10.925.782,28	€9.811.120,00
Thematic Areas						
Digital Cities	€1.059.196,43	€369.168,71	€1.428.365,14	€1.103.532,23	€4.104.487,95	€5.185.741,00
Future Media and Content	€1.076.985,09	€391.991,39	€1.468.976,49	€1.038.363,91	€7.246.320,78	€6.663.714,00
Health and Wellbeing	€1.339.834,20	€322.733,20	€1.662.567,40	€1.508.834,64	€10.098.853,78	€9.400.900,00
Intelligent Mobility Systems	€78.667,43	€492,15	€79.159,58	€83.106,17	€538.006,25	€851.953,00
Smart Energy Systems	€1.159.982,62	€216.853,76	€1.376.836,37	€1.411.773,48	€9.584.269,55	€8.469.200,00
Smart Spaces	€998.112,54	€142.151,74	€1.140.264,29	€1.044.179,79	€8.991.755,42	€8.911.606,00
Thematic Areas Total	€5.712.778,31	€1.443.390,95	€7.156.169,26	€6.189.790,22	€40.563.693,73	€39.483.114,00
Grand Total	€16.590.245,61	€3.089.233,68	€19.679.479,29	€19.489.689,01	€62.373.005,95	€59.461.459,00

Finally our income in 2011 is reported, limited to the received interest on the 2011 Grant.

THE KEY FINANCIAL OBSERVATIONS ARE:

- The total cost for the KIC Added-value Activities (19.8 M€) is line with the budget (19.5 M€).
- The Complementary funding is 5% higher than budget.
- The Co-funding is 3.1 M€ compare to a budget of 0 €.
- As a result the % EIT funding is 20.3% compared to the budgeted 24.7%.

The reasons for the above distribution between EIT funding and co-funding is twofold. First, when we submitted Business Plan 2011 the notions of co-funding and complementary funding were not clearly defined and as a result we grouped all non-EIT commitments of the Partners and registered them as complementary funding. Meanwhile these notions are defined which allows us to make the split. Second, EIT ICT Labs has an internal quality control system that includes budget control at Task level. In the PGA it is agreed with our partners that spending on KIC Added-value activities that exceeds the budgeted amount is registered as co-funding.

The basic building block of the EIT ICT Labs reporting structure is the KIC Activity. In principle EIT ICT Labs is a collection of around 100 KIC Activities, from management of the KIC, development of the catalysts to the application of the catalysts. Each KIC Activity is split into the KIC



Added-value Tasks, which is the EIT eligible part of the activity in accordance with the FPA and GA2011 (called Catalyst), and the Complementary Tasks, which are the so-called carriers upon which the catalysts are applied and are funded by KIC Partners own resources or other, non-EIT, funds. A Task is the item that we measure and that is always restricted to a single Catalyst or Carrier and to one KIC Partner. Of course a KIC Activity can have multiple KIC Added-value or Complementary Tasks from the same or from different partners. The precise definition of these terms can be found in the PGA.

Thanks to excellent cooperation with our partners the Cost Report 2011 was submitted before the end of February.

Stan Smits COO

At the highest level we identify 5 Budget Segments: Education, Research, Business, Thematic Areas and Coordination and Colocation. In order to steer and manage from a strategic perspective we have defined a middle layer of Action Lines.

EIT ICT LABS BERLIN



The Berlin Node consists of six Core Partners. Industry is represented by Deutsche Telekom AG, SAP AG and Siemens AG and academia by DFKI, Fraunhofer Gesellschaft and Technische Universität Berlin. Nine Affiliate Partners from both industry and academia add further knowledge to the Berlin Node. For the Node, an own legal entity has been formed - EIT ICT Labs GmbH. The node management coordinates and facilitates the KIC Activities of the EIT ICT Labs' Partners involved in the Berlin Node and coached the action lines Smart Energy Systems and Intelligent Transportation and Mobility Systems, as well as drove the initial set up of the business activities.

One major strategic goal of the Berlin Node is to attract even more talent with leadership and entrepreneurial potential to computer science and related engineering sciences.

Udo Bub Node Director

The Berlin Node is also the home base of the Business Director of EIT ICT Labs.

During 2011 this included the following tasks:

- Participate and contribute to the KIC legal entity

bodies; share information with the KIC legal entity and the EIT ICT Labs Partners involved in the German Node; assist the Members' representatives in organising and fulfilling their responsibilities in the KIC legal entity

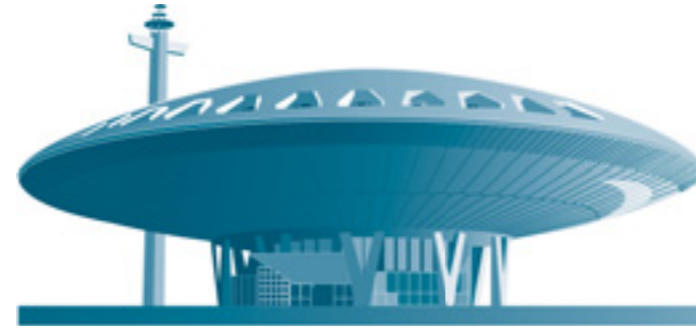
- Setting-up the node governance and establishing communication lines to the node partners.
- Partner contract & process management in order to guide partners to EIT ICT Labs and enable collaborations to enrich EIT ICT labs.
- Collaborative development of structure, scope, strategy and processes of EIT ICT Labs in the management committee and provide an information helpdesk for all activity planning, cost and performance reporting issues and legal issues.
- Initiatives to collaborate with EIT ICT Labs e.g. the national project "Software Campus".
- Concept development, building, equipment and setting-up of the co-location centre on campus of Technical University Berlin in close proximity to the R&D labs of the industrial core partner Deutsche Telekom.

Since opening, the Berlin co-location centre hosts an increasing number of workshops, meetings, featured talks and conferences. This included workshops like Smart Energy Systems, Master School and Entrepreneurial Support Systems (e.g. Start-Up Pitch Event).

The most outstanding carrier is the national project Software Campus - an initiative by the German government, industry and academic partners for the education of tomorrow's IT leaders to strengthen Germany as a location for leading edge technology innovation. All Core Partners of the Berlin Node as well as further leading national companies do participate in this initiative. Official start of Software Campus was at 6th IT-Summit of the German Government in presence of Federal Chancellor Merkel, Federal Minister Rösler and high-ranking representatives of industry, academia and politics.



EIT ICT LABS EINDHOVEN



The Eindhoven Node boosts innovation by implementing the knowledge triangle in the Benelux area. The Node and co-location centre will act as nucleation point for activities that integrate education, research and business, leading to a more pragmatic, result-driven and people-centric approach to innovation.

Patrick Strating Node Director

The Eindhoven partnership in EIT ICT Labs consists of Philips, 3TU Federation (TUDelft, TU Eindhoven and UTwente), Novay, CWI, TNO. The Affiliate partners are ESI, Holst, University Utrecht and Point-One. The co-location centre Eindhoven is situated on the high-tech R&D area of the High Tech Campus Eindhoven.

In 2011, EIT ICT Labs Eindhoven has taken significant steps in the areas of:

- Setting-up the co-location centre on the High Tech Campus towards a multipurpose work and meeting location;
- Preparing for the educational activities, especially the Master School;
- Setting-up the Node governance and establishing communication lines to the node partners;
- Developing the thematic area of Health and Wellbeing;
- Strengthening the activities in the Business domain, such as setting up the cross-node network of business developers.

EIT ICT Labs held their second Partner Event on June 29th and 30th, 2011 in the



co-location centre in Eindhoven. The event provided all of our partners with the opportunity to network and to discuss with members of the Management Committee.

EIT ICT Labs co-organised the Startup Weekend at the Eindhoven High Tech Campus. Startup Weekend is an intense 54 hour event on going from a high tech business idea into a prototype or business case, over the course of a weekend.

On November 7 and 8, the Research Action Line for ICT-Mediated Human Activity organised a first Mediating Presence meeting at the Eindhoven co-location centre.

FINANCIAL REVIEW

While for the finance and operation functions we could describe 2010 as "storming", 2011 has been "forming" in support of our management agenda "Get organised, get recognised". During the first 5 months of the year many processes have been put in place to allow for a professional management of the KIC. Also the 108 Activity Plans that were initiated during the Helsinki workshops in September 2010 were consolidated and agreed with the partners. In May 2011 the Grant Agreement 2011 has been signed and during June the Partner Grant Agreements containing the list of agreed upon catalyst tasks and carrier tasks have been signed by all participating KIC Partners. When during the year any changes took place in the composition of the tasks the Partner Grant Agreement was amended. This was done by a procedure described in the bylaws of the Association. The PGA including the Amendment information has been used in the reporting tables towards EIT and as part of our annual accounts.

Based on the interpretation of the Grant Agreement by the KIC, assumptions were made about the carry-forward of unspent budget from 2010 permitting the full execution of the Business Plan

2011 V1.0 of 20.5 M€ as presented to EIT GB in December 2010. Unfortunately these assumptions turned out to be wrong and the EIT budget was limited to 17.2 M€ requiring a significant co-funding by the partners to meet the programme. This was reflected in Business Plan V1.1 as attached to the signed Grant Agreement 2011. In October an increase of 2.3 M€ of the budget with focus on Education and co-location was granted by EIT. EIT ICT Labs has accordingly adjusted the Business Plan to version 1.2 as attached to the Grant Agreement 2011 Amendment 1, which forms the reference for the reporting on actual costs.

During the first six weeks of 2011 all 57 partners have submitted their cost reports and supporting documents like Certificates on the Financial Statements. In total the partners have submitted cost details for 876 catalyst tasks and 418 carrier tasks.

The table below describes the results versus budget and groups the information on catalysts (EIT funding and co-funding) and carriers (complementary funding). Also the EIT funding versus non-EIT funding view is given.

EIT ICT Labs 2011	KIC Added-value Activities		Complementary Activities	Total
	EIT funding	co-funding	complementary funding	
Business Plan V1.2	€19,489,689.01		€59,461,459.00	€78,951,148.01
Actuals	€16,666,911.25	€3,089,233.68	€62,373,005.95	€82,129,150.88
[% change]	-14%		5%	4%
	EIT funding	non-EIT funding	[% EIT funding]	
Business Plan V1.2	€19,489,689.01	€59,461,459.00	24.7%	
Actuals	€16,666,911.25	€65,462,239.63	20.3%	
[% change]	-14%	10%		
	KIC Added-value Activities		Complementary Activities	
Business Plan V1.2	€19,489,689.01		€59,461,459.00	
Actuals	€19,756,144.93		€62,373,005.95	
[% change]	1%		5%	
Interest accrued on GA 2011				€76,665.64

GETTING RECOGNISED!

"Get Organised – Get Recognised"

Johanna Gavefalk Marketing & Communications Director

Marketing and communication activities started to be more visible after Willem Jonker joined EIT ICT Labs in September 2010. He acknowledged the importance of communication right from the very beginning and put focus on communications policies, especially brand management and the "look and feel" of EIT ICT Labs.

Our motto for 2011 "Get Organised – Get Recognised" set the marcom project scope, leading to a number of actions taken such as launch of the EIT ICT Labs general website and registration of EIT ICT Labs as a trademark. EIT ICT Labs general presentations for internal and external use were created. Marcom material such as roll-ups, leaflets, report templates, posters for nodes and action lines were created. Organisation was provided with business cards with the same layout for everyone – even small details matters when building a brand.

A Marketing and Communication Plan was signed off and marcom cooperation was established with EIT and other KICs. The first Call for activities was supported and the Partner Event in Eindhoven organised and conducted. On top of this focus was spent on arranging speaking opportunities – getting even more recognised!

Among the highlights during 2011 was EIT ICT Labs Helsinki organisation of Otaniemi Open 2011, a big event that gathered more than 300 persons from the Otaniemi research community and partner organisations, who networked and were presented to the latest research results. The demonstrations focused on smart spaces and how ICT is enabling services that have not been possible before.

News were regularly launched on the general website and a number of other events, meetings and workshops within ICT innova-

tion took place in the co-location centres as listed in Annexe 1 and Annexe 2. Additional information can be found on the EIT ICT Labs website www.eit.ictlabs.eu.

Our objective for 2012 is "INVEST FOR IMPACT" – hence to further increase awareness about how EIT ICT Labs can support and act as a facilitator in the field of ICT innovations. The aim is to turn Europe into a global player in ICT innovation and a set of professional marketing and communication activities will be executed to support our objective.

EIT ICT Labs is all about "Empowering ICT Top Talents for the Future" and "Bringing ICT Innovations to Life" and I look forward to supporting the whole organisation to convey our messages in 2012 – it will be an exciting and challenging year!



EIT ICT LABS HELSINKI

In 2011, the emphasis in Helsinki Node shifted from organisational set-up to supporting KIC value-added activities in Finland.

Marko Turpeinen Node Director

Helsinki Node operates under a consortium agreement model, and the Node Steering Committee, with members from the core partners Aalto, VTT, Nokia, has functioned actively in this process.

The Helsinki Node co-location centre is situated at the Aalto University campus in Otaniemi. All of the core partners are situated in the near vicinity of the co-location centre. Helsinki co-location centre has been used for meetings, workshops, joint lab activities and accelerating new businesses. The office space has been shared by the node staff, KIC CSO, personnel from Aalto and VTT, and a start-up company Inno-range Ltd.

The external visibility is steadily progressing, but a significant amount of work remains before EIT is a broadly recognised innovation actor in Finland. However, the outreach to the most important people of interest in local funding organisations, ICT industry, researchers and entrepreneurial communities has been successful.



More work is needed to get our students broadly engaged in EIT ICT Labs activities.

The highlights of the Helsinki Node in 2011 can be summarised as follows:

- Establishing the co-location centre as a recognised and widely occupied base for common activities.
- Start-up Inno-range was selected as one of the EIT success stories of 2011.
- Strong link was established to the local ICT entrepreneurship boom.
- Otaniemi Open was a successful brand building event that gathered together 300 people.
- Smart Spaces action line was successfully launched.

In 2012, the Helsinki co-location centre will move to a new building on campus called Open Innovation House, together with Nokia Research Center, Aalto researchers, Helsinki Institute for Information Technology and other key actors in ICT in Otaniemi. The Helsinki Node activities will get a significant boost through the launch of the new co-location centre premises. Special emphasis will be placed on integrating the students better to our activities for example by providing a home base for the EIT master school students and by launching the Doctoral Training Centre. The volume of events that are either organised or co-hosted by EIT ICT Labs will continue to increase. The broadening of industry partnership is of high relevance for the Helsinki Node. New partners and an increase in industry participation are expected for 2012.

EIT ICT LABS PARIS



The Paris node aims at boosting innovation in the Future Internet area and especially innovation empowering citizens in the digital cities of tomorrow.

Bruno LeDantec Node Director 2011

The six core (Alcatel-Lucent, Inria, Institut Télécom, Orange, Université Paris 11, Université Pierre et Marie Curie) and affiliate (Competitiveness clusters Cap-digital, Image&réseaux, SCS and Systematic, French research center Digitéo, Université de Nice Sophia Antipolis, Université de Rennes 1) partners of the Paris node are key actors in the development of the Future Internet.

The Paris Node has contributed to the establishment of the EIT ICT Labs branded Master School with a special focus on innovation and entrepreneurship. French partners are participating to three of Masters to be offered in 2012 namely Human Computer Interaction and Design, Internet Technology and Architecture and Distributed Systems and Services. The Innovation and Entrepreneurship minor module developed by EIT ICT Labs with the aim at driving student innovations to the market has started at Rennes 1 University and will be fully integrated in the Master courses in 2012.

In the research area, the Paris Node, together with the Management Committee, defined and implemented the KIC research strategy. Among other activities, the development of the FITTING platform for the Future Internet that integrates Internet-scale and Internet of Things platforms was coordinated by UPMC. FITTING leverages the "équipement d'excellence" FIT for the Future Internet that was awarded as part of the French Grand Emprunt initiative.

The Laboratory of Information, Network and Communication Sciences (LINCS), part of the colocation centre has been established. This joint laboratory coordinates the research activities of four major partners of the French Node (Alcatel-Lucent, Inria, Institut Télécom, UPMC). This laboratory was officially launched by Mrs Valérie Pécresse, the French Minister of Research, on May 2nd, 2011.

Business activities are smartly developing at Paris Node with two flagship activities:

- Technology Transfer Programme: with the aim of increasing the flow of technologies between academia and companies it is intended to accelerate ICT innovation and as a result job creation.
- European SME Programme : relying on the pôles de compétitivités providing access to roughly 1000 SMEs developing their activities in the ICT field on an european scale, the European SME Programme will provide a catalog of services to European SMEs willing to leverage on services existing in EIT ICT Labs countries.

Three French start-ups in the open data scene have launched together with EIT ICT Labs, a monthly series of meetings, called Data Tuesday. Topics are Big Data, Data Visualisation and the Open Data Movement. The first event took place on 8 November at the Paris colocation centre and is expected to be duplicated in the other EIT ICT Labs Nodes.

In 2012, Bruno Le Dantec will hand-over the Paris Node direction to Valérie Issarny, Research Director at Inria.



With the start of our new Marketing & Communication Director, Johanna Gavefalk, we will strengthen our marketing and communications efforts. An important external event will be the presence with an EIT ICT Labs booth at the largest industrial ICT exhibition CeBIT in March 2012 in Hannover, Germany. Other important internal events will be the Trento inauguration in April 2012 as well as the partner event in October 2012 with the inauguration of the definitive co-location centre in the new Open Innovation House in Helsinki.

Next to that there will be continuous improvement actions focused on internal communication. To the external world two key messages will be delivered: EIT ICT Labs is all about "Empowering ICT Top Talents for the Future" and "Bringing ICT Innovations to Life".

Relationships will be further extended in 2012. With Trust in Digital Life a joint coordination and sup-



port proposal has been delivered to the seventh framework program which will allow future integration of activities. With PPP Future Internet a Memorandum of Collaboration will be signed to formalise the collaboration and with ITEA2 a monitoring process will be installed for the currently selected collaboration project.

Based on the evaluation of the initial collaboration new projects will be selected. The relationship with national programs will be intensified. In Germany the further development of Software Campus is a key priority and in the Netherlands a strategic collaboration with the COMMIT program will be developed. In Trento the strategic collaboration with the territory will be implemented.

All in all 2012 will again be a year full of activity focussing on having impact with the ICT innovations we will bring to life. And again 2012 will only be successful as a result of the full commitment of all the people involved.

OUTLOOK 2012

The theme for the 2012 Business Plan and Management Agenda is “Invest for Impact”. It makes clear that after our first year of operation in 2011 we now will move on from setting up the structures to making sure that that our investments will deliver results that have the desired impact on boosting ICT innovation in Europe.

Willem Jonker CEO

The management agenda contains the following areas:

- Innovation & Business Strategy
- Nodes and Footprint
- Action Lines
- Processes
- Marketing & Communications
- Relationships



Based on the first experiences in 2011 we will further strengthen our integrated innovation strategy along the three axis of the knowledge triangle: business, education and research. In 2012 we will take concrete steps implementing our strategic ambition which is to become a leading

force in ICT innovation in Europe capable of mobilising relevant actors and execute through them. Next to that we will start exploring options for the development of a sustainable business model for EIT ICT Labs as a whole.

The development of our Nodes will continue with specific focus of broadening our industrial footprint. The co-location centers will be further strengthened with a full time co-location manager with the mission to make the centers vibrant places sparking innovations by bringing people together.

In France and Germany a few satellites will be established to connect to regional innovation hotspots in the west and south. We will integrate Trento and its Italian partners as a full node with stronger involvement of Italian partners in our activities. Next to that we will strengthen our current associate partnerships with an associate partnership program and at the same time we will start discussions with other European countries to explore the possibilities for establishing further associate partnerships. Outside Europe we will establish first informal contacts with selected ICT innovation hotspots in the USA and some selected BRIC countries.

After setting up our action line structure in 2011 we will now drive our action lines for impact. We will strengthen the action line leadership amongst others via MC ownership and full focus on knowledge triangle integration inside action lines. Monitoring will be intensified and selection and evaluation will focus on impact of activities. ERB directors will continuously look for opportunities to boost activities via the catalysts and monitor impact of the catalysts and take action where needed. Top priorities are the launching of the EIT ICT Labs Master School (students can apply from January till March for the start in September) as well as the Industrial Doctoral Training Centers.

Key processes will be further refined in 2012 with a focus on KPI management, performance reporting and deliverable quality. Also a start will be made with portfolio management. Finally improvements to the business plan process will be made to optimise for agility.

EIT ICT LABS STOCKHOLM

The Stockholm Node of EIT ICT Labs is now fully developed with appropriate staff and an active co-location centre.

Gunnar Landgren Node Director

The Node is organised as a non-profit association with KTH, SICS and Ericsson as core partners. Active coaching of the Swedish partners has resulted in broad participation in all EIT ICT Labs Action Lines. An important activity during 2011 has been support to the KIC level Marcom team, especially during the second half of the year. The Node has also given strong support to the establishment of the Master School Office and provided office space and services within the co-location centre for both the Master School Office and the Master School Action Line in general.

The co-location centre in Stockholm is excellently located in the Electrum building in “Kista ScienceCity”, the most innovative and ICT-dense area of all of Sweden. Most of our partners are located within the building or within a few minutes walking distance. The proximity to KTH, SICS, Ericsson (HQ & Research), STING and KSC has greatly facilitated the establishment of the co-location centre as the preferred meeting place for both our academic and industrial partners and project activities and numerous internal meetings and workshops have been hosted at the co-location centre. Expansion plans have been launched and are now being implemented.



External visibility and outreach to political, industrial, research and entrepreneurial communities has successfully been achieved in collaboration with our partners. Seven co-branded workshops / conferences reported separately, with 100-400 on-site participants each: STING DAY, Mobile HCI, Cloud Day, Kista Green ICT, ITS Sweden 2011, Mobile ICT Connection and TEDxKTH ICT - the game changer. The Node has also published four newsletters during the year. The Node is collocated with Wireless@KTH, a national industry-academia center of excellence located at KTH and co-hosts some of their events, in particular the weekly “Wireless Friday seminars”, with on the average 25 participants from both industry and academia. The Dept. of Communication systems at KTH has had a large number of master student projects going on in the co-location centre premises during the year.

The Stockholm team aims to further develop a vibrant and dynamic Stockholm home and meeting platform for our EIT ICT Labs partners emphasising convenience, service, technology, content, ambiance, playfulness and spur of the moment gatherings. For 2012 the focus will be on continued high volume of participation in the EIT ICT Labs activities by the Node partners. To ensure relevance efforts to enroll new industrial partners will be intensified. We will see a major upgrade of the co-location centre, in part driven by the ambition to provide an attractive “home” for the EIT ICT Labs Master students starting in August 2012 and in part by the demand for meeting and workspace for EIT ICT Labs activities and management. The number of seminars and events organised directly by the Node will increase as will the proactive engagement in the external events organised by our partners.



EDUCATION, RESEARCH AND BUSINESS – **STRONG** **COLLABORATION** TO SPEED UP ICT INNOVATION IN EUROPE

The EIT ICT Labs set of education, research and business tools – catalysts – fosters and drives ICT innovation activities.

Students, researchers and teachers are equipped with skills for creativity, risk-taking and entrepreneurial capacity by

catalysing and renewing the ICT educational programmes at Master's and PhD level.

Researchers and engineers participate in mobility programmes and get access to networks, meetings and state-of-the-art test beds and living labs. Entrepreneurs

get coaching on how to bring ideas to market, access to finance and support in business and consumer development.

Established companies benefit from the exchange of information and knowledge with research partners as well as access to top ICT talents.

The 2011 activities have resulted in the set-up of two activities Stress@Work and Stress@Home based on the 2011 focus, that have the potential to achieve new business creation in 2012. Next to that, and based on the results of the 2011 activities, the scope of the Thematic Action Line will be expanded into all spearhead areas of the Healthy Life application domain.

The work of the action line has resulted in the development of new services in the area of stress monitoring (by e.g. a hand wrist watch) and analysis services, ambient assisted living services taking care of increasing safety and stimulating physical activity of elderly people, exploration of testing methods for integrated services, and the organisation of a Summer School on Health and Wellbeing.

In the work related to Experience and Living Labs best practices have been collected from the different partners within EIT ICT Labs, resulting from existing best practices and from the experiments that have been conducted as part of this activity. The resulting best practices are starting point for supporting User Centric Design within the KIC.

In working towards Ambient Active Living, the work has focused on scenarios for joint understanding of existing AAL services and the related business strategies for home care and tele-monitoring solutions in different EU healthcare markets.



HEALTH & WELLBEING

Improve the quality of life through the development of ICT enabled services

Health and Wellbeing (HWB) fosters mental and physical fitness and balance. Having healthy and caring relationships, as well as good daily habits and behavioral patterns, are just two of the many principles in a holistic approach to wellbeing.

In order to cope with the challenges of demographic - e.g. aging population - and societal - e.g. consumer empowerment - changes, the HWB system needs to migrate to a user-centric system with more self-management, with services from both regular service providers as well as (innovative) third party service providers. People need support to live an uncompromised, active, healthy, pleasant & affordable life, and at the same time feel part of a social community. People should be empowered to find balance and assume responsibility for their health and wellbeing.

Health and Wellbeing has spearpoints in the areas of:

- Stress and relaxation: supporting people in balancing stress and relaxation when dealing with the challenges of everyday life.
- Healthy consumption: supporting people in promoting their health by improving what, when and how they eat and drink.
- Physical activity: supporting people in integrating a sufficient level of physical activity in their routines.
- Sleeping well: supporting people to improve their sleep.
- Social Interaction: supporting people in their interaction with other individuals or health professionals to induce a healthier lifestyle.

These areas include research and innovation aspects such as unobtrusive monitoring, data fusion, smart reasoning, coaching strategies, scaling and automation for compliance and adherence, privacy/ethical guidelines, legal & endorsement frameworks. Next to the spearhead activities there will also be activities addressing HWB specific education and business development support.

Each spearhead area has guiding principles that can be expressed as:

- Stress and relaxation: a balanced life should not feel like a compromise.
- Healthy consumption: cooking should be as easy as on TV.
- Physical activity: your workout should be an enjoyable encounter.
- Sleeping well: sleep becomes an experience.
- Social Interaction: you should always feel part of a community.

The action line conducted two major activities ('Creation of a Service Space and applications for Health and Well-being' and 'Experience and Living Labs') and four smaller activities ('AAL Flagship & Business Support', 'Understanding and Supporting Short-Term Decisions' and 'Health Retreat'). Next to these activities action line wide workshops have been organised to share experiences as well as to prepare for the 2012 program. Dissemination took place at conferences and visits to European and national policy makers.

EMPOWERING ICT TOP TALENTS FOR THE FUTURE

EIT ICT Labs focus is on particular education activities such as the Master School or Doctoral School but can in some cases provide a common infrastructure to the both, such as mobility. Focus on internships, co-location centre activities, summer & winter schools & camps, industrial doctoral training centre and finally accreditation and quality assurance system.

In 2011, 19 partner universities have agreed on a common format for the 7 Master programs including economic operational framework and integration of unified robust innovation and entrepreneurship content in each program. The Master School programs have qualified for the EIT Label in addition to double degree agreements between the university partners in order to fully support the obligatory mobility between nodes. To support the long term evolutions of the program, a dedicated catalyst for quality assurance and accreditation were established. The Master School Office was launched taking responsibility for the marketing and student application processes.

For the doctoral school the first pilot studies of the integrated research training and entrepreneurial hands-on training were accomplished towards an integrated PhD and MBA degrees. This integrated approach will be also a corner stone for the Doctoral Training Centres. The first students have received their MBA certificate from the pilot fulfilling the EIT Label requirements.

Both the Master School and Doctoral School programs

have a strong integration to co-location centre and various partnerships within co-location centre ecosystem. In addition of the geographical mobility, a special role on the organisational mobility and stakeholder integration is prepared in close interaction with co-location centre.

Summer and winter schools support each individual study program with a multidisciplinary and international dimension, and create a clear EIT ICT Labs joint touch to our education.

A set of thematic oriented camps with integrated technical and business focus are organised in co-operation with research and business activities.

EIT ICT Labs education activities comprise Master School, Doctoral School, Post-doctoral program and outreach towards the stakeholders outside the KIC.

Hannu Tenhunen
Education Director
Located in Stockholm



TURNING EUROPE INTO A GLOBAL LEADER IN ICT INNOVATION

Research is one of the three legs of the knowledge triangle. At EIT ICT Labs we build on the existing strengths and activities of our partners to support European innovation.

Olivier Festor Research Director, Located in Paris

EIT ICT Labs paves the way of the innovation from research to marketable products and services in both ICT core technologies and thematic areas.

In 2011, we have established a rich portfolio of instruments that enable researchers to collaboratively generate new ideas, boost experiments, develop new software and validate results at large scale. These instruments take the form of Research catalysts, which range from mobility programs, networking activities, development of, and access to, state-of-the-art testbeds as well as Experience and Living Labs. The aim is to further developing research activities carried out within a project to be in a position to better exploit their results, generating new knowledge, innovative products and services. Our research catalysts have proven to be very successful and efficient in 2011.

They have been heavily used in all our research action lines as well as in the six thematic action lines. They led to multiple joint activities and encouraging innovation results in our two established research action lines: "Internet Technologies and Architectures" and "Computing in the Cloud". They have also enabled the realisation of highly visible European platforms like the FITTING federation that fully integrates both sensors and Internet platforms to offer an unique and easy to use large scale experimentation facility for future Internet protocols and services.

We strongly support the emergence of new and challenging topics that have strong innovation potential. In 2011, we built the foundations for two new full very promising action lines proposed by top researchers, one in the areas of ICT mediated human activity and one in the area of privacy, security and trust.

The results obtained in 2011 proved that collocation and research mobility is a key to foster the innovation in the KIC, mixing people from different institutions (industry and university).



SMART ENERGY SYSTEMS

Focusing on innovation driven by ICT - the key enabler for Smart Grid

The Action Line "Smart Energy Systems" (SES) of EIT ICT Labs has set itself the task to develop a Europe-wide joint approach of academic and industrial resources in the ICT sector in Smart Energy Management and Green ICT Management. The Smart Grid – the application of digital technology to the electric power infrastructure – has reached a level of scientific and commercial maturity that will provide enormous benefits for customers, paybacks for utilities, and profits for investors.

The paradigmatic change from the fully controllable, powerful point sources in the classical power grid to the distributed area sources of alternative energy sources – such as wind and solar – as well as the bidirectional load management e.g. for E-Cars in the Smart Grid calls for new qualities in the system-wide aggregation and processing of data. This concerns the technical hallmarks of the Smart Grid such as virtual power plants and adaptive balancing geographies as well as the human factor on the consumption side, the aptly named but still elusive Smart Customer. As the power grid becomes ICT-integrated, at the same time, the ubiquitous ICT networks become energy-aware.

In 2011 the action line smart energy systems has successfully performed 14 activities. These activities are related to two key challenges regarding smart energy systems:

- Future scenarios & prosumer experience and
- ICT infrastructure for smart energy systems.

In the first challenge, future scenarios as well as economic values of SES concepts, market roles and the impact of regulation have been investigated. This will be the basis for derivation of concrete business opportunities for the partners starting in 2012. In the second challenge, analysis of energy metrics and cost optimisation of

ICT for Smart Grid resulted in the submission of a promising FP7 proposal.

As a common task in both challenges, existing labs regarding prosumer experience and ICT infrastructure are connected virtually – in 2011 joint visions and collaboration interfaces have been defined towards creating the open smart energy experience lab and the European virtual Smart Grid lab. The labs will provide access to partners and entrepreneurs within the network; connecting the labs will help save costs and shows real-world effects and delays.

In the area of education, the smart energy systems summer school has been established very successful bringing together students with multi-disciplinary background for two weeks of lectures and active innovation project work. The annual school will be a significant contribution to Smart Grid education within EIT also helping to establish networks between future Smart Grid engineers.

The action line is supported by an excellent network of 25 partners from industry and academia from 7 European countries ensuring a joint European approach. To complete the picture of smart energy systems it is necessary to integrate the view of utilities and network operators which makes the collaboration with KIC InnoEnergy a major priority.

For 2012 a smaller number of more focused activities is defined and the creation of business impact is a challenge that comes now in the focus of the action line.



FITTING – FUTURE INTERNET OF THINGS

The Next Generation Testbeds



As one of the EIT ICT Labs research projects, FITTING (Future Internet of THINGS) brings together partners from both academia and industry. Originally involving only partners from

the Paris node, FITTING has been expanded to include members of several of the EIT ICT Labs co-location centres. The FITTING facility extends and eases the utilisation of existing testbeds thus enabling network researchers to safely and reliably develop and experiment next generation services and applications. The involved partners submitted a proposal to the French "Equipex" national economic stimulus funding initiative for excellence in major scientific equipment and were awarded € 5.8 million for the development of a testbed federation in France.

FITTING will evolve in three dimensions: 1) it will extend its facility to offer access to new integrated testbeds and tools, 2) it will invite and engage more users (researchers, developers, students) and develop its offering based on the expanded user experience, 3) it will open and promote its offerings to the other Nodes and Associate Partners of EIT ICT Labs (Eindhoven, Stockholm, Helsinki, London and Trento).

Unique selling points

- FITTING provides a heterogeneous, yet simple access environment where network researchers can safely and

reliably experiment with their ideas and developments. The project promotes commercial exploitation through its release of free open-source software with a non-contaminating license.

- FITTING not only interconnects testbeds, but it also enhances the technology to operate them. Such technology is the dominating cost for their implementation and operation.
- Industry can easily commercialise its own versions of platform components, and integrate them into products and processes. Open APIs are suitable for integration into commercial network devices (routers, switches, etc.).
- FITTING helps to pool resources from multiple autonomous organisations and provides a standardised interface for easy access.
- FITTING's testbeds allow experimentation with different technologies to meet the varied needs of a broad customer base.

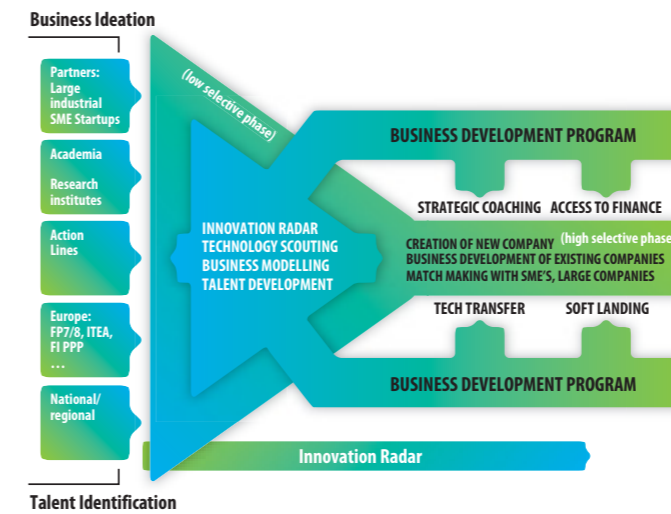
"The testbeds federated by FITTING are each highly successful, with excellent international visibility. By combining them, we create a real added value." Serge Fdida, leader of FITTING, professor at UPMC

"Applying versatile cross-domain testbed federation mechanisms to dynamically and flexibly combine FITTING's highly successful testbeds, not only enables a broad range of entirely new combinational cross-platform experiments and testing setups, but also efficiently leverages years of extensive R&D on mechanisms for federation of heterogeneous resources." Thomas Magedanz, leader of the NGNI Competence Center at Fraunhofer Fokus and professor at TU Berlin.

BRINGING ICT INNOVATIONS TO LIFE

The strategic goal of the business activities of EIT ICT Labs is to build a comprehensive end-to-end platform for catalysing new ventures, growing existing SME's to European level and world-class scale, and facilitating the renewal of established large industries.

Klaus Beetz
Business Director
Located in Berlin



Entrepreneurship, that forms an essential ingredient in all these objectives, is all about people and ideas that will feed our funnel approach out of EIT ICT Labs partner network.

The main results for 2011 have been, to structure all the business catalysts in what we called: the EIT ICT Labs "Innovation Booster" framework and create the right interfaces with our partners to fuel this funnel with Ideas, Technologies and Talents. The main goal of the "Innovation Booster" is the creation of new business and the growth of existing business by providing an end-to-end support along the whole innovation chain for turning research results to successful innovations, ventures, and growth in an accessible, pragmatic, flexible, and agile manner.

A START-UP SUCCESS STORY

“The support from EIT ICT Labs enabled quick commercialisation of research results enabling Innorange to expand business internationally.”

innorange

Whilst working for Nokia in 2010, Innorange Ltd. CEO Samuli Silanto was closely involved in ramping up the EIT ICT Labs Helsinki co-location centre as its Innovation Coordinator. It is during this time that Samuli first identified a business opportunity arising from the public research projects that both he and Jukka Honkola participated in.

The support from EIT ICT Labs enabled Samuli and Jukka to quickly commercialise the public research results from carrier projects in the Smart Spaces Thematic Action Line which led to the creation of their company.

Innorange Ltd. helps service providers to improve their customer services by observing and managing people flow in public spaces. Their services will result in better customer satisfaction and more efficient operations.

The young startup has also received coaching from the EIT ICT Labs Entrepreneurship Support System. Through this catalyst they are coached by an experienced business developer in preparing their business plan, marketing activities and patenting.

By early 2012, Innorange Ltd. will expand their business in the European market with support from the EIT ICT Labs partner network. The Entrepreneurship Support System will help them to grow internationally by finding customers in the other EIT ICT Labs nodes (Berlin, Eindhoven, Paris and Stockholm).

Growing its business activities also means increasing the company's staff. By 2014, Innorange Ltd. aims to expand its current



team by employing 10 to 15 additional employees, out of which 5 to 10 will be based in Finland and five in other European countries.

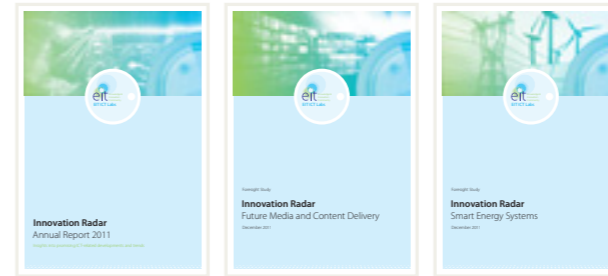
“The contact networks within EIT ICT Labs offer us a unique relationship with the research teams and their activities. This helps us to access new technologies and keep up in pace with technology innovations, which is essential when building competitive advantage for our company.” *Jukka Honkola (VP, Products).*

“We strongly believe that our connections with EIT ICT Labs will provide us advantage, which helps us to grow our company internationally. Especially, when considering expansion into EU markets and getting new customer contacts.” *Samuli Silanto (Innorange Ltd. CEO)*

 For more information go to www.innorange.fi

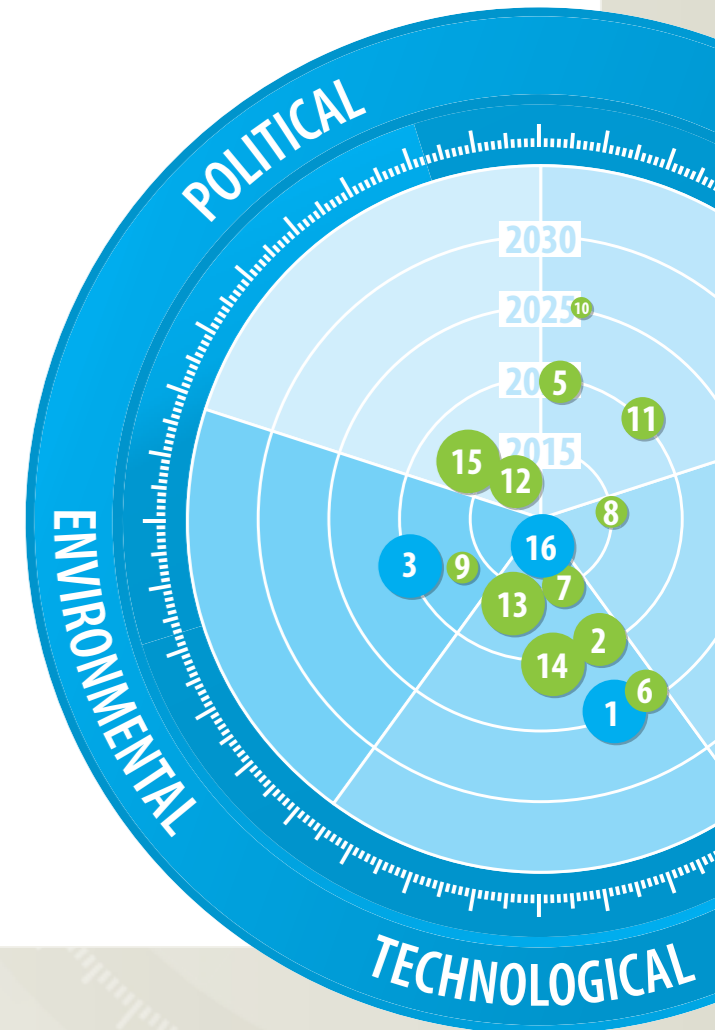
INNOVATION RADAR

The Innovation Radar creates business intelligence and strategic information on the future of ICT for instance by performing extensive foresight studies on the basis of a large expert network.



- Identify developments and trends in ICT in general and specifically for defined thematic areas.
- Provide images of the future of ICT.
- Identify innovation opportunities and commercialisation potential.
- Facilitate follow-ups on identified developments and trends.
- Create cohesion within ICT Labs and EIT by referencing to internal experts and excellence in future technologies.
- Create a community of experts through a virtual expert network to consolidate our foresight studies for example.

In 2011 two foresight studies (Smart Energy Systems, Future Media & Content Delivery) and a Trend Lab report were prepared and delivered. In addition one idea competition was executed.



ENTREPRENEURSHIP SUPPORT SYSTEM

The main goal of Entrepreneurship Support Systems (ESS) is making business from ICT Labs action line related technologies. In its first operational year the strategy was chosen to put a full time business developer per node at work.

These business developers form a team to collaborate on a pan-European level. This team meets virtually every week to discuss developments and possibilities to create collaborations between the companies coached and other EIT-ICT Labs affiliated organisation in the nodes. This aims at accelerating ICT-business by leveraging the EU wide network we developed.

The main activity of ESS in 2011 was to give hands-on intensive support to typical ICT Labs start ups. As the business developers all are very experienced they are able to provide help with e.g.: developing a global strategy and business model for technology developed in ICT Labs action lines, developing partnerships around related technology, access to business expertise and hands-on mentoring & coaching for growth. This strategic coaching is intensive and assumes high selection on potential of the firms coached.

Therefore, we developed a set of selection criteria that shows the ICT Labs typicality of support in comparison to more local carrier projects. During the year, a total of 21 companies spread over all nodes and nearly all action lines received coaching from the business developers.

First steps have been set to implement the "Innovation Booster" funnel approach to select high potentials. By building a competence building program with lower selection admitting many more ICT startups and business development teams of existing SME's or large firms, we expect to be able to connect more firms to EIT ICT Labs on the one hand, and to be able to select more effectively for the intensive support program.

COMPANIES COACHED WITHIN ESS

Coached Company	Node	Thematic Action Line
Smart Signs bv	Eindhoven	Smart Spaces / Digital Cities
CED/Diagnostics	Eindhoven	H&WB
MagnaView	Eindhoven	Future Media
Telcred	Stockholm	Smart Spaces
Komoot	Berlin	H&WB / Digital Cities
HPC	Paris	Future Media
ESS	Paris	Future Media
Login People	Paris	Future Media
Script & Co	Paris	Future Media
IP Label	Paris	Future Media
Backelite	Paris	Smart Spaces
Innorange	Helsinki	Smart Spaces / Future Media
CL \$	Trento	Smart Spaces
Practix	Trento	Smart Spaces
Fabrica Ludens	Trento	Smart Energy
RSens	Trento	Smart Energy
U-Hopper	Trento	Digital Cities
Say Service	Trento	Digital Cities
Eclosing	Paris	Future Media
Artisoft	Stockholm	Future Media
Pluricast	Stockholm	Future Media

EIT ICT LABS MASTER SCHOOL

The main added value and impact of the Master School activities is:

- To redesign first rate technical masters programs at top European Technical Universities so that they can be integrated with a standardised business minor.
- To secure for all students a personal industrial relationship including a Mentorship program, guest lecturers from and Internships with EIT ICT Labs industrial partners
- To utilise EIT ICT Labs co-location centre resources linking to others EIT ICT Labs activities
- To facilitate interdisciplinary, inter-node teambuilding amongst the students.

This Master's education is a two-year programme (120 ECTS) at advanced level leading to a dual/double Master's degree including a mandatory Innovation & Entrepreneurship (I&E) minor (30 ECTS) embedded in seven Technical majors. The entire EIT ICT Labs Master's education has a uniform structure; in particular, the I&E Minor is fully standardised over all contributing universities and all technical majors.

The work during 2011 was organised in 16 activities, covering the management and coordination of the work, setting up the Master School office and its activities, the development and piloting of the summer program, development of the I & E minor, and last but not least, the seven technical majors: Human Computer Interaction Design, Digital Media Technology, Service Design & Engineering, Distributed Systems & Services, Internet Technology, Embedded systems, Security & Privacy.

MANAGEMENT AND COORDINATION The major achievement was the establishment of a contractual framework covering all crucial aspects the Master School. An agreement with 5 annexes was designed, negotiated and signed for each of the Technical major /

I & E minor combinations. Agreements were signed by EIT ICT Labs and consortia of 4-6 partner universities, in total 19 universities.

During 2011 the EIT ICT Labs Master School was designed and formally organised.

Carl Gustaf Jansson
Master School Director

THE SEVEN TECHNICAL MAJORS

The work has been focused on the consolidation of consortia. All partners (typically 4-6) provide specialisations (exit points) while only a subset (2-3) provide a first year (entry point). For each major, the definition and planning is finalised including the integration of the I&E minor. Implementation has started at each entry partner institution within a specific local degree program.

THE I&E MINOR The design of the I&E minor modules has been completed. Agreement with the con-



tributing universities to implement the agreed on modules in a standardised fashion and agreements with all technical majors on the integration were completed. In the autumn 2011 first pilots on the modules Basics and BD labs were started.

MASTER SCHOOL OFFICE A central Master School Office has been established. This service is provided by KTH. It has three main subservices: admission service, counseling/information service, student services. A Master School Office Head and responsible persons for the three subservices are in place. An administrative network with representatives from all participating universities has been established.

INFORMATION AND DISSEMINATION Since November 2011 we have invested seriously in marketing for our Master Education, both by developing a high quality web presence but also through the presence on Master's education portals, Google campaigns and presence in Social Media.

SUMMER SCHOOL The summer school is an important element in one of the modules of the I&E Minor. It provides a meeting point for students from different majors to meet as a group, and to interact with other stakeholders such as companies, innovation centres, incubators, and research institutes. In the summer the summer school concept was rehearsed by a school on the theme of Health and Wellbeing organised in Eindhoven and Helsinki.

MASTER SCHOOL QUALITY ASSURANCE The work in 2011 has been focused on validation that all our combinations of technical majors and I&E minor satisfies the EIT criteria for EIT labelled education. This validation was driven both top-down and bottom-up, instantiating the general criteria of "EIT Overarching Learning Outcomes" and in parallel formulating learning outcomes for the various combinations of our education. Plans have been achieved completely in the way that all 7 envisaged proposals for Technical Majors met the EIT QA criteria.

SUMMER SCHOOLS & WINTER CAMPS

Summer and winter schools provide excellent opportunities to bring together people from different nationalities and to experiment with hands-on innovation and multidisciplinary team work in the context of a specific business or application domain. Summer and winter schools are key elements to the EIT ICT Labs Master School and thematic Action lines.

The Wellbeing Innovation Camp in Helsinki-Eindhoven brought together students, researchers, and company representatives to provide a view to the latest research activities and business actors related to health and wellbeing. The Summer School lasted two weeks, with the first week in Vierumäki, Finland and the second in Eindhoven, The Netherlands.

 For more information go to www.eitictlabs.masterschool.eu

START-UPS AND SPIN-OFFS

Hearing other entrepreneurs' business success stories can often inspire and give great guidance to those who are just starting out.

Three great companies are nominated for The EIT Entrepreneurship Award in Brussels on February 21, 2012 as part of the first Entrepreneurship Summit, organised by EIT and Science Business.

"I am very proud of the really innovative and diverse start-ups we bring to the competition", says EIT ICT Labs CEO Willem Jonker, "Each of them a worthy candidate".

■ TRIFENSE

The company is a spin-out from the Technical University of Berlin. The business concept is to develop defense technology driven by innovation, integrity and intelligence. Trifense's self-learning technology allows models of "normality" to be learnt through incoming data known as network packet payloads. In this way, any deviation from the models can be detected and unknown cyber-threats entangled with the payloads can be recognised.

The main difference between this and more traditional technology is that Trifense does not rely on any kind of pre-written description of the attack to spot the trouble coming. Protecting a company or organisation against known cyber-security threats is one thing - protecting them against unknown cyber-threats is quite another.

 For more information go to www.trifense.com



■ BLAAST

Smartphones are too expensive for emerging markets but the business concept of Blaast is to bring mobile apps and a smartphone user experience to the next billion people. Blaast is working together with mobile network operators in creating a unique subscription based app store offering, which offers developers recurring revenues in addition to huge subscriber bases.

Blaast provides users with a robust, well-designed and functional platform. Developers will create great apps for hundreds of devices and reach millions of users. And operators deploying Blaast will be able to convert large numbers of voice users into active data users.

 For more information go to www.blaast.com



■ SMART SIGNS SOLUTIONS

Ever get lost in a building? Smart Signs Solutions business idea is to develop personalised signage that can point the way for each visitor in a business, hospital or other big building. An example of the impact on society is reducing the time spent in guiding people in hospitals and improving the well-being of patients. Hospital research demonstrated that in a facility of some 800 beds, no fewer than 8,000 hours (four person-years) of professional time was lost in redirecting patients and visitors to their destinations.

This is exclusive of the time that the professionals themselves lose in trying to find their way about - particularly when they are new on the job. It does not take into account the hidden costs that result from delayed professional interventions, which may critically affect patients. Additionally, when visitors and patients have problems finding their way, they feel helpless, frustrated and stressed.

 For more information go to www.smartsigns.nl

