



eit

Knowledge &
Innovation
Community

EIT ICT Labs





OTANIEMI OPEN 2011 PROGRAMME

Demonstrations at Design Factory

11:30 Demo area opens 14:00 Coffee 16:00 Cocktail reception 18:00 Announcement of the winning demo and closing of the event

Presentations and panel at Venture Garage

13:00 Bringing Europe to a new ICT age. Willem Jonker, CEO EIT ICT Labs
13:20 EIT ICT Labs and Helsinki. Marko Turpeinen, EIT ICT Labs Helsinki Node Director
13:40 Services at hand - ICT inspired smart spaces. Petri Liuha, Nokia/Lead for Smart Spaces, EIT ICT Labs
14:00 ICT services for Health and Wellbeing. Patrick Strating, EIT ICT Labs Eindhoven Node Director
14:15 Smart Energy Systems. Christian Huder, EIT ICT Labs Berlin Node
14:30 Coffee break
14:50- Panel: How to develop Otaniemi as a global innovation hotspot?
16:00

Panelists Fernando Herrera, Director, Sanoma Entertainment Finland Petteri Koponen, Founding Partner at LifeLine Ventures Mikko Kuusi, President of Aalto Entrepreneurship Society Erkki Ormala, Vice President, Business Environment, Nokia Reijo Paajanen, CEO of TIVIT Anne Ritschkoff, Executive Vice President, Strategic Research, VTT



EIT ICT Labs bringing Europe to a new ICT age

Willem Jonker
CEO EIT ICT Labs

Otaniemi Open, April 13th 2011





ICT is drastically changing our lives



The way we connect



The way we travel



The way we work



The way we age healthily

Blending of digital & physical world



Today

Tomorrow



EIT ICT Labs' mission is to turn Europe into a global leader in ICT Innovation

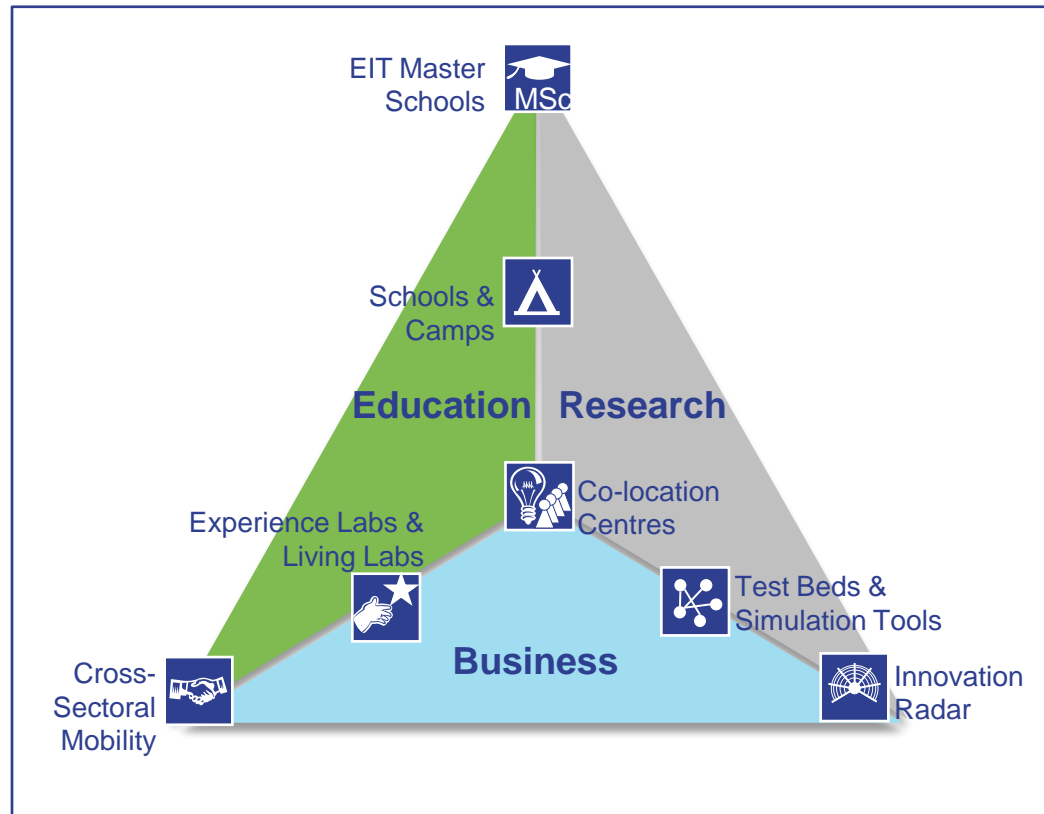
Breed entrepreneurial ICT top talent via the transformation of higher education to promote creativity and entrepreneurial spirit

Speed up ICT innovation by bringing people together from different countries, disciplines and organizations via mobility programs and Co-location Centres

Generate world-class ICT business via broader and faster valorisation of research results



Our strategy integrates all dimensions of the Knowledge Triangle





EIT ICT Labs operates from 5 core nodes and 3 associate nodes

-  EIT ICT Labs Node
-  Associated Partners





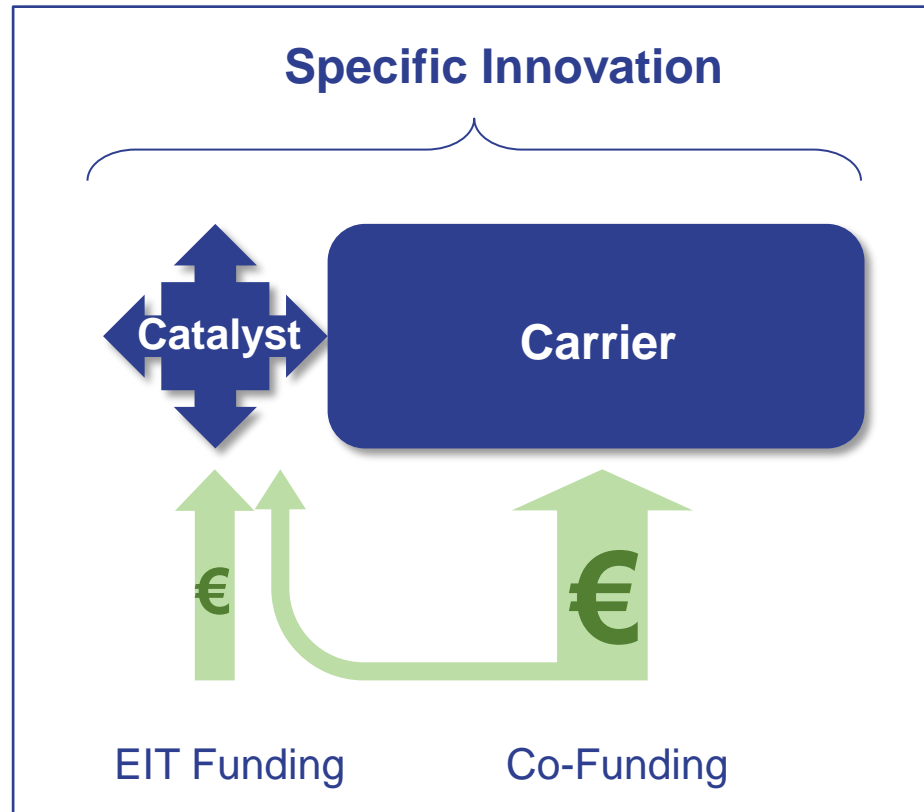
Co-location Centres will play a catalysing role in the execution of our activities



- Physical meeting and project space for EIT ICT Labs activities
- Nodes are connected through quality video-conference equipment
- Focal point for the national partner network
- Venue for local and KIC-level events

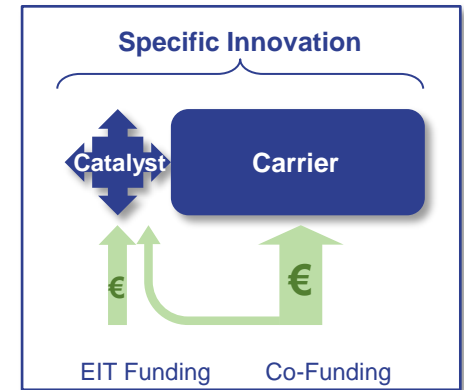


The Catalyst-Carrier model is key in our approach

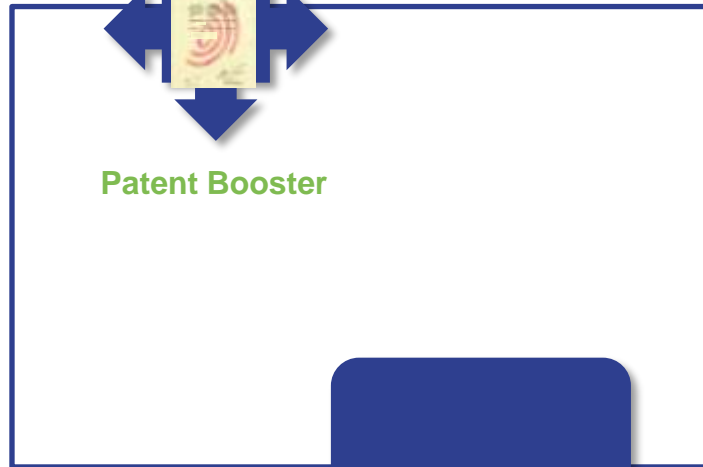




Research Example: Patent Booster



Patent Booster

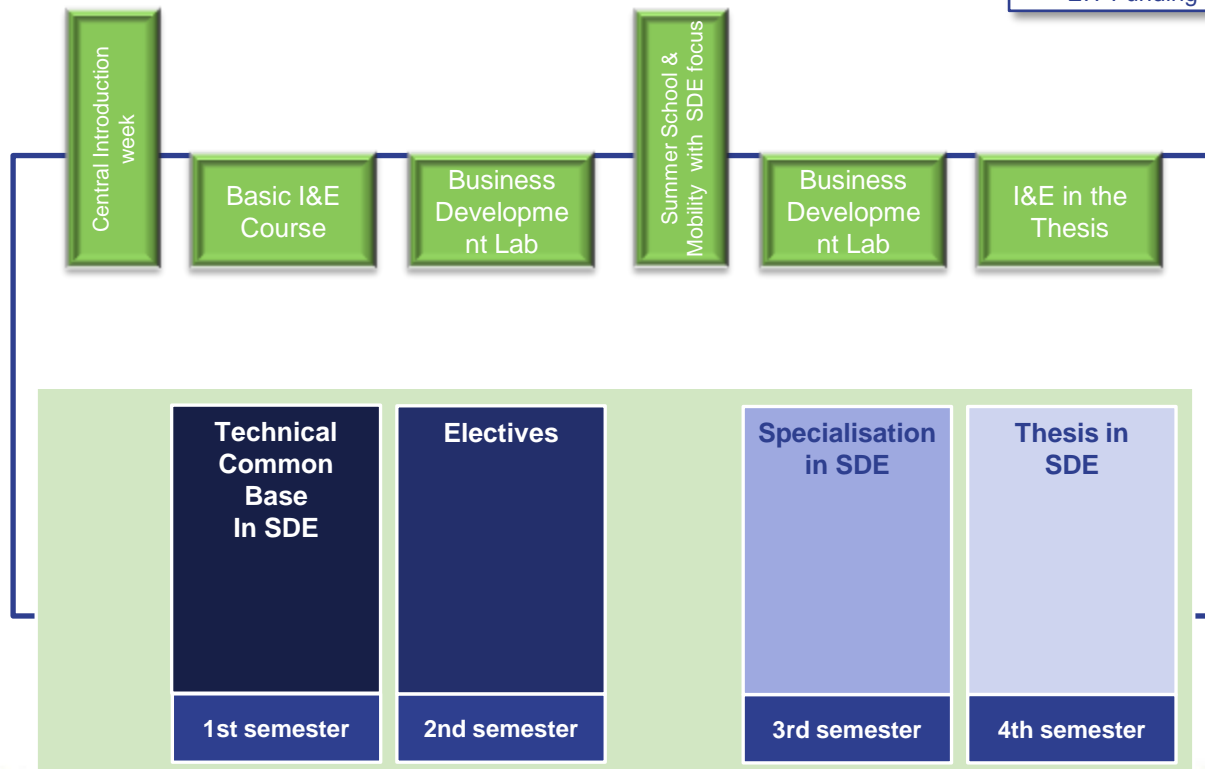
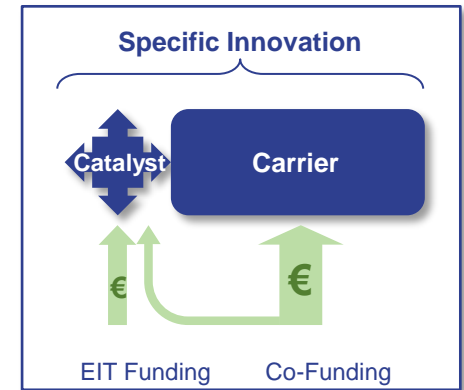


Carrier

Research Project

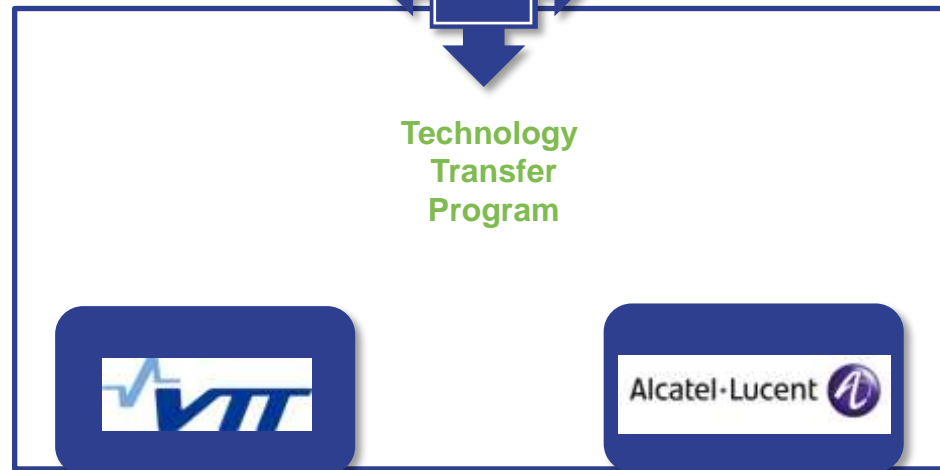
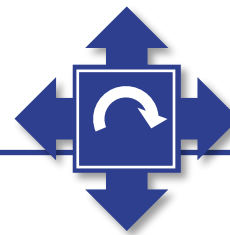
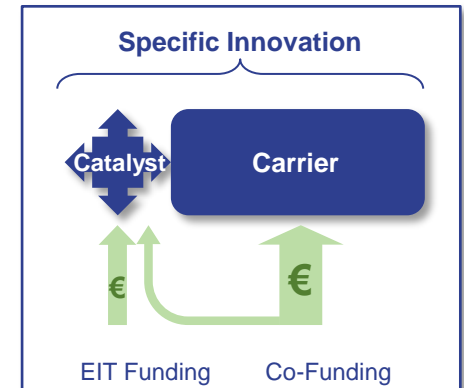


Education Example: SDE Master Program





Business Example: Technology Transfer Program









Technology
at VTT

Business Unit
at Alcatel Lucent



Our Thematic Action Lines bring ICT innovation to specific markets

	Smart Spaces	<ul style="list-style-type: none">▪ intelligent environments that facilitate everyday practices▪ create richer user experiences & enhance the users' awareness of local opportunities in a resource and cost efficient way
	Smart Energy Systems	<ul style="list-style-type: none">▪ increasing energy efficiency via ICT enabled power grids▪ energy efficient ICT solutions - green ICT
	Health & Wellbeing	<ul style="list-style-type: none">▪ Development of ICT enabled services supporting a cost effective sustainable healthy lifestyle▪ ambient assisted living
	Digital Cities of the Future	<ul style="list-style-type: none">▪ ICT enabled solutions in the areas of security, pollution, transportation, and resource management (e.g. water).
	Future Media and Content Delivery	<ul style="list-style-type: none">▪ Development of powerful and open ICT infrastructure, capable of delivering rich data-intensive media and content storage services, at competitive costs, across administrative domains, ensuring quality of service
	Intelligent Transportation Systems	<ul style="list-style-type: none">▪ Services for people using all kinds of transportation systems

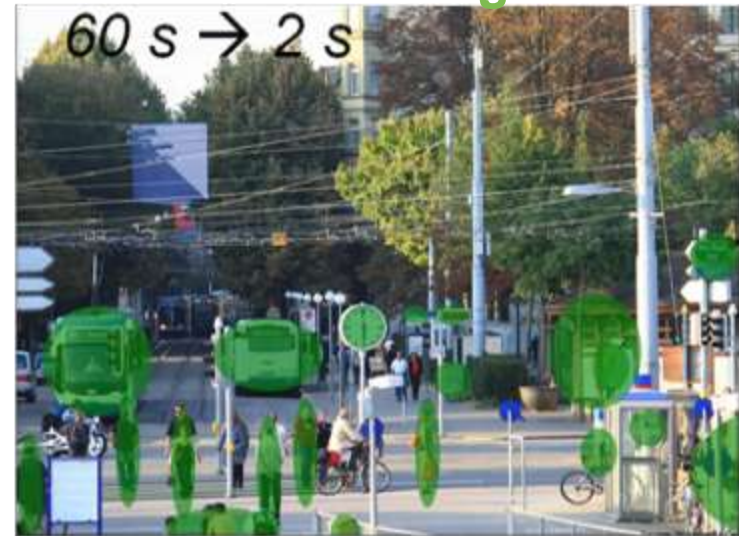


Smart Spaces addresses the challenges of intelligent environments

Cyber Physical Interaction



Near Real-Time Event Handling



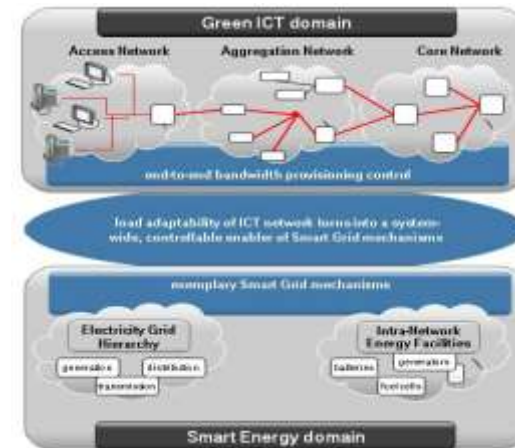
Smart Energy Systems addresses the challenges of Smart Grid & Green ICT

Smart Energy Management



- Future Scenarios & SES Experience Labs
- Smart Grid Management (Technical & Control Systems)

Green ICT Management



- End-to-End Smart Grid & Green ICT Management

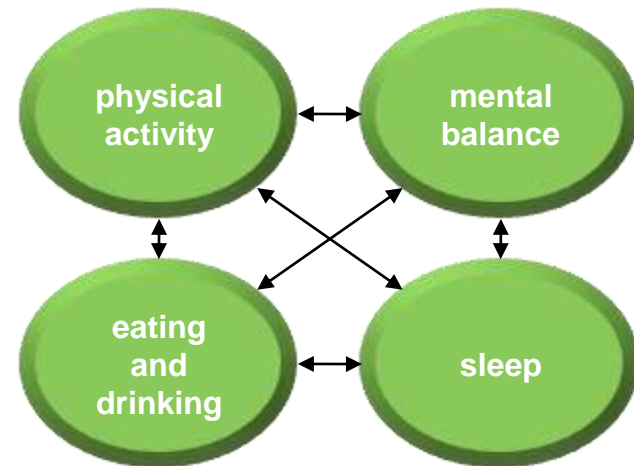


Health and Wellbeing addresses primary prevention for HWB

The threats of today's demanding society

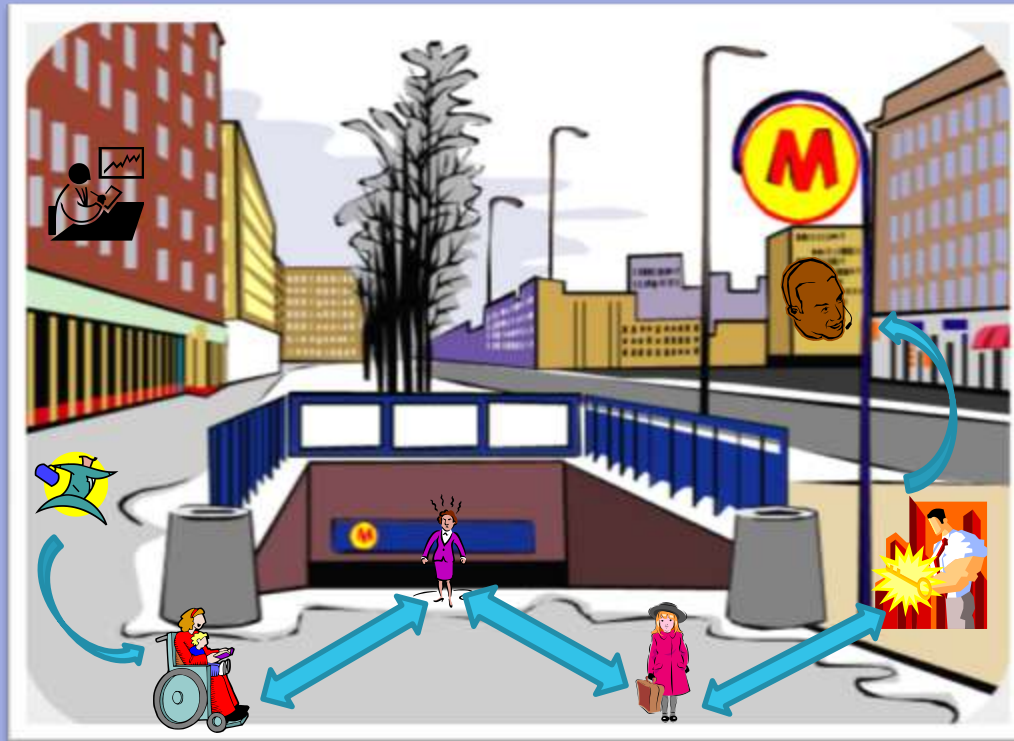


Empowering people to find balance and assume responsibility for their health





Digital Cities will provide Citizen-Centric City environments



Enabling the city space to become more democratic towards a citizen centric model

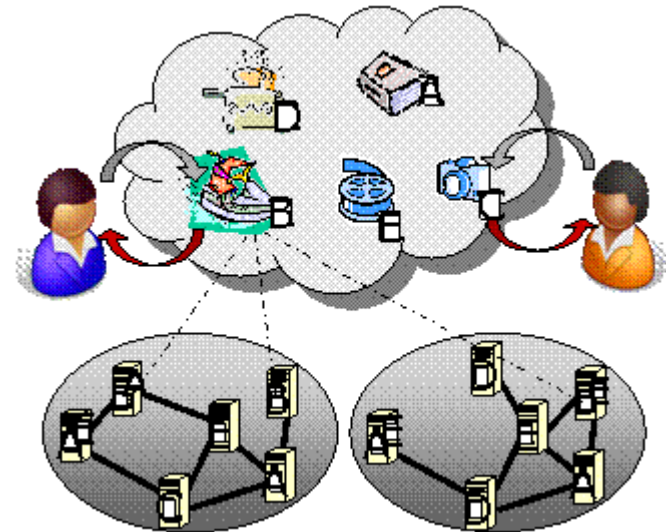


Future Media and Content Delivery addresses the challenges of bringing media and content to the consumer

Rich future media to and from any device



Cost effective content delivery







Intelligent Transport Systems addresses opportunities and challenges of mobility



Safe Mobility
Sustainable Mobility
Autonomous Mobility
Affordable Mobility



Our Education Action Lines breed entrepreneurial ICT talent

 <p>MSc</p>	Master School	EIT labeled M.Sc. educational programs with integrated I&E module
 <p>PhD</p>	Doctoral School	EIT labeled PhD educational programs with deeply embedded I&E content
 <p>Post-doc Program</p>	Post-doc Program	Program for embedding entrepreneurial post-docs in business environments (start 2012)
 <p>Outreach Program</p>	Outreach Program	Program for spreading education catalysts outside EIT ICT Labs (start 2012)



EIT ICT Labs Master School Structure



Joint ICT Labs Master School Coordination and Master School Office

- Monitoring **quality assurance** and **accreditation**
- Coordinating program and **catalyst development**
- Coordination of technical programs with **thematic areas** of EIT ICT Labs
- Joint global **marketing** and **outreach**
- Joint stake-holder **integration**, **internship** and **mentorship** programs
- Joint **recruitment**, student **selection**, and provision of **scholarships**

Digital
Media
Technology
program

Embedded
Systems
program

Internet
Technology
&
Architecture
program

Distributed
Systems
and
Services
program




Security
and Privacy
program

Human
Computer
Interaction
Design
program

Service
Design and
Engineering
program







Our Research Action Lines generate world-class know-how in exploitable form

	Computing in the Cloud	Service technologies (IaaS, PaaS, SaaS), storage systems, testbeds, business models
	Internet Technologies and Architectures	Traffic management, content/information-centric network, autonomic networking, energy, ad-hoc networks, Internet of things, virtualization, business models, security
	ICT-mediated Human Activity	Usability, social media experience, multimodal user interfaces, new search engines



Our Business Action Lines promote innovation both on the entrepreneurial and the industrial path

	New Business Creation	Integrated support for new research-based, market driven ventures
	Innovation in Established Companies	Integrated support for intrapreneurship
<hr/>		
	Market & Consumer Insight	Investigating future customer needs
	Co-located Innovation	Planning the infrastructure and utilisation of our Co-location Centres

Entrepreneurship Support System

„Supporting and nurturing SMEs and academic entrepreneurs to grow on the European level“



Business Club

„Enhance networking across organizational boundaries“



Entrepreneurs Club

„Creating a platform for pitching business concepts to Venture Capitalists with a particular focus on our Thematic Areas“



Technology Transfer Program

„Increasing the flow of technologies from academia to industry and between small, medium and large companies“



Access to Finance

„How to access risk capital at the nodes?“
„Should EIT create an own fund?“



Business Modelling

„Identifying value in the marketplace and business models to bring research results to the market.“



Innovation Radar

„Creating a common outlook on the future of ICT“
„Creating cohesion and a strong community across nodes and partner organizations“



Office Space 2.0

„Planning and installing a common and state-of-the-art office infrastructure in our co-location centers“



Populating Our Co-location Centres

„Create an inspiring environment for collaboration“



Visit us @

EIT ICT Labs Knowledge & Innovation Community
Turn Europe into a global leader in ICT Innovation

Attracting top talent

Empowering new user groups has always proved to be instrumental in driving market growth through new products and service concepts. EIT ICT Labs will play a key role in integrating multidisciplinary knowledge streams and in enhancing mobility across organisational, social, geographical and business boundaries.

Being the innovation ecosystem for the information society, the EIT ICT Labs will attract global top talents, leading innovation-oriented companies and venture funding.

Efficient Open Innovation

EIT ICT Labs will change the innovation culture in Europe through its actions both "vertically" in the Co-location Centres and "horizontally" through mobility and co-operation.

Through the open innovation approach EIT ICT Labs will significantly enhance the efficiency in utilising every small piece of innovation and provide means for exploring even the "non-core ideas" by the participating organisations and will foster spin-offs and further business development.

NEWS

- CEO Willem Jonker meets Commissioner Basilio Kiios at CeBIT
- CEBIT 2011: the digital industry's biggest and most international event [more](#)
- Action Line Leader Day Berlin, February 17 [more](#)
- The new website is launched! On January 24th the new website is public [more](#)

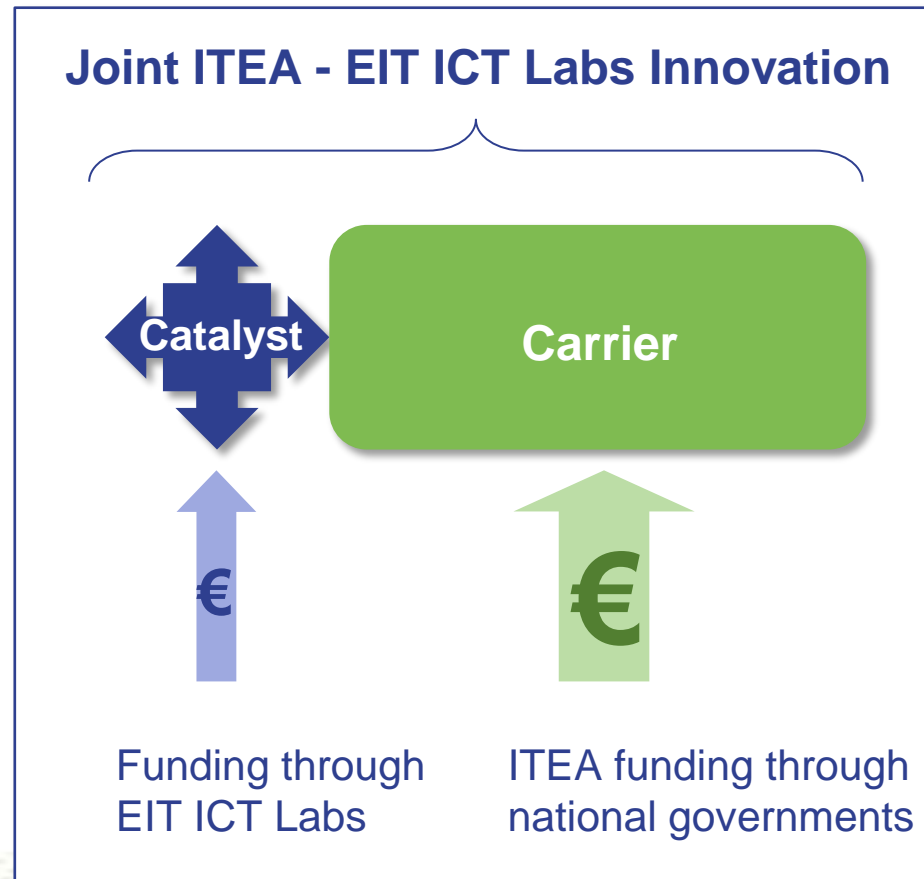
EVENTS

- Future Media and Content Delivery Planning Workshop March 24, Stockholm [more](#)
- Annual workshop on Digital Cities of the Future March 10 2011, Paris Co-location Center [more](#)
- Access to Finance Meeting Stockholm, April 13-14 [more](#)

www.eit.ictlabs.eu



ITEA and EIT ICT Labs join forces





ITEA is part of the EUREKA framework

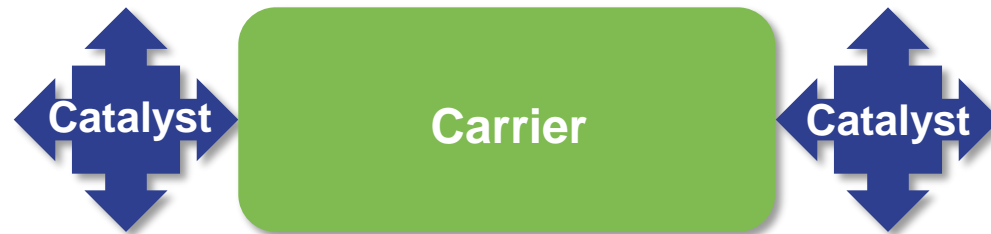


- 40 full members
(39 countries + European Commission)
 - EUREKA Chairmanship: Israel
(July 2010 – June 2011)
 - National information points
- Korea is a EUREKA Associated Country

- EUREKA is a pan-European network for market-oriented, industrial R&D
- Every member country has a EUREKA national project coordinator (NPC)
- ITEA 2 is one of EUREKA's ICT Clusters (others: CATRENE, CELTIC & EURIPIDES)
- Following the EUREKA structure, each ITEA 2 project partner can apply for national funding in their own country



Piloting in 2011 with joint development of ITEA carrier and EIT ICT Lab catalysts



EIT ICT Labs – annual process

- May – call
- June – selection
- July – Sept full proposal
- December – EIT GB decision
- January – start of catalyst

ITEA fast track

- May – inform national funding agencies on intention to apply for ITEA fast track
- June – national funding agencies express their support for fast track
- July – Sept FPP development
- December ITEA labelling and national funding decisions
- January start of ITEA project