



eit

Knowledge &  
Innovation  
Community

EIT ICT Labs





# Bringing ICT Innovations to Life

Willem Jonker – CEO

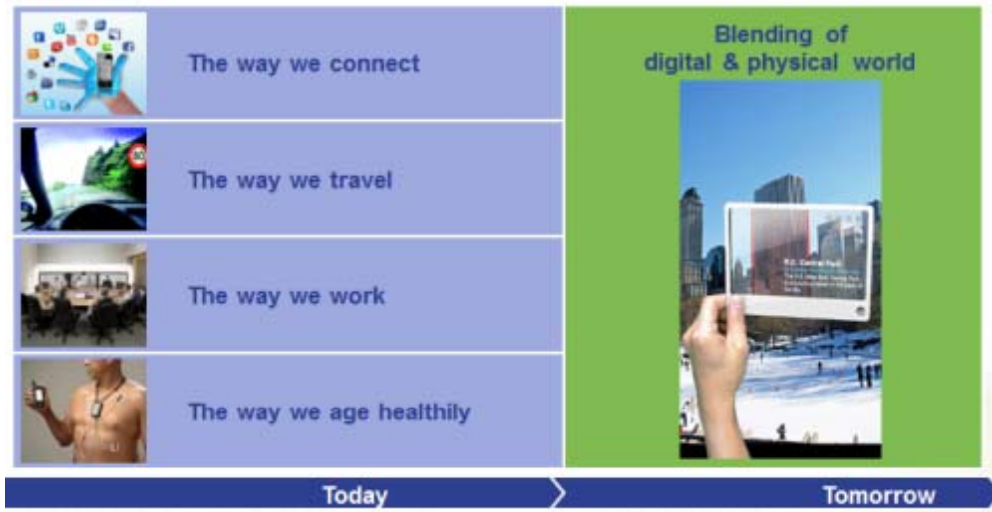
EIT CONFERENCE COPENHAGEN JUNE 25 2012





# EIT ICT Labs drives Innovations in the Digital Society

*ICT is drastically changing our lives thus providing huge opportunities for Businesses*



*ICT Education is the guarantee for an inclusive digital society*

## Framework for 21st Century Learning

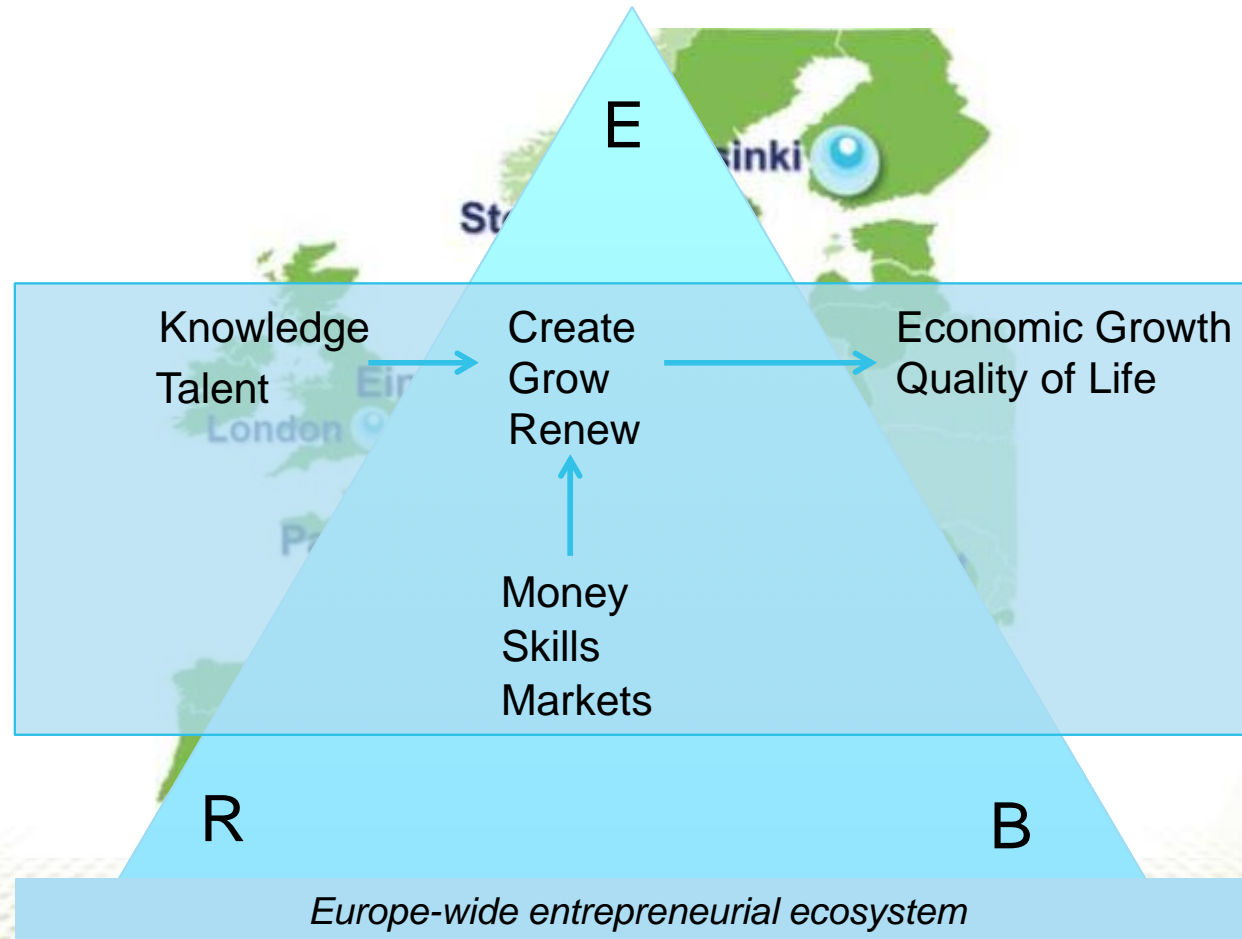
21st Century Student Outcomes and Support Systems



*ICT Research drives the paradigm shift from “ICT as enabler” to “enabled ICT”*

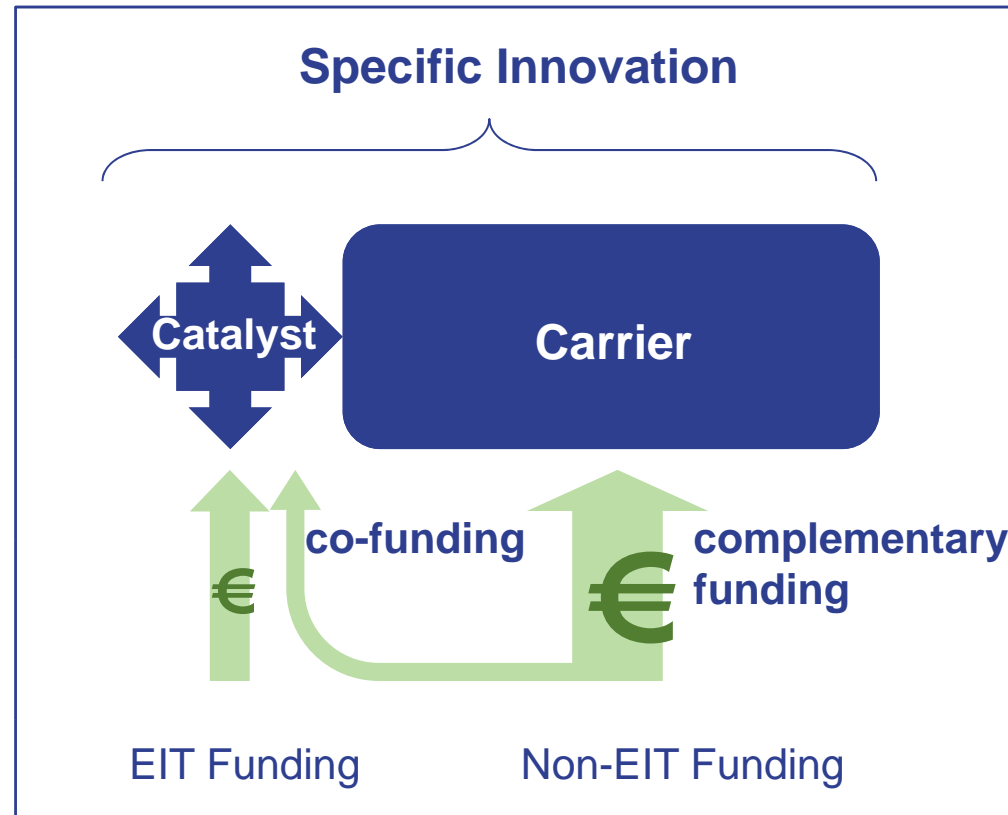


# Drive European leadership in ICT innovation for economic growth and quality of life





# The Catalyst-Carrier model is key in our approach





# Catalysts 2013

## Common Catalysts

<b>KIC Management</b> lead the KIC to make it a leading force in ICT	<b>Co-Location Centres</b> lead nodes and CLCs towards v	<b>Best-Practice Benchmarking</b> integrate global best-practices to create a self-re-enforcing innovation ecosystem
<b>Action Line Management</b> lead an action line towards its goals	<b>Workshops and Conferences</b> consolidate goals, plan joint work, share results, create networks, gain visibility	<b>Mobility Program</b> foster inter-node and inter-domain educators, researchers and innov
<b>Activity Management</b> lead an activity towards its objectives	<b>Project Proposal</b> catalyse ERB carriers matching our strategy	

## Education Catalysts

<b>I &amp; E Education for MSc Programs</b> integrate robust entrepreneurship education for EIT ICT Labs M.Sc. programs
<b>I &amp; E Education for PhD Programs</b> integrate robust entrepreneurship education for EIT ICT Labs doctoral programs
<b>Professional Training</b> provide professional training to industry <b>New</b>
<b>Doctoral Training Centre</b> integrate doctoral training with industry
<b>Quality Assurance and Accreditation</b> assure quality of educational programs
<b>Summer and Winter Schools and Camps</b> provide intensive educational events
<b>Student Mobility</b> coordinate student mobility
<b>Thematic Alignment of Technical M</b> align the content M.Sc. programs with <b>New</b>

## Research Catalysts

<b>Open Source Booster</b> catalyse industrial take-up of open source flagship projects
<b>Patent Booster</b> intensify creation of new patents
<b>Test Beds, Testing Platforms &amp; Simulation Tools</b> integrate joint hardware or software platforms to experiment and validate technologies or applications
<b>Experience &amp; Living Labs</b> test and modify product and service designs with real users and use contexts
<b>Standards Booster</b> foster impact and ensure sustainability results <b>New</b>
<b>Entrepreneurial Research</b> stimulate entrepreneurial research in community <b>New</b>

## Business Catalysts

<b>Innovation Radar</b> create business intelligence of the future
<b>Strategic Coaching</b> coach start-ups towards growth <b>Updated</b>
<b>Access to Finance</b> ensure capital availability for all <b>Updated</b>
<b>Technology Transfer</b> increase the flow of technologies from academia to companies <b>Updated</b>
<b>Technology Scouting</b> seek opportunities for business incubation <b>New</b>
<b>Business Modelling</b> provide techno-socio-economical models for a business domain <b>Updated</b>
<b>Soft Landing</b> help SME's to grow to European level <b>New</b>
<b>Entrepreneurial Talent Scouting</b> link entrepreneurs to innovators <b>New</b>



# EIT ICT Labs has a business like operation with a focused management agenda









## EIT ICT Labs Management Team

<b>KIC Central Coordination</b>	 CEO William Zanker	 COO Mariël Mantyla	 COO Tom Smith	 MarCom Johanna Gierlach		
<b>ERB-Directors</b>	 Executive Director Antonio Tardito	 Executive Director Michael Payne	 Executive Director Petera Pavia			
<b>Node Directors</b>	 ND Berlin Lutz Birk	 ND Edinburgh Patrick Stratton	 ND Helsinki Ilkka Tuomi	 ND Paris Fabrice Huet	 ND Stockholm Gunnar Lundgren	 ND Trento Roberto Savaris



## Get Organized – Get Recognized Management Agenda 2011

	<b>Innovation Catalysts</b>	• Develop innovation catalysts in Education (e.g. Master School), Research (e.g. European experimentation platforms) and Business (e.g. Technology Transfer)
	<b>Co-location Centres</b>	• Launch and scale up Co-location Centres and their national networks in the EIT ICT Labs Nodes
	<b>Action Lines</b>	• Launch a number of selected thematic- and competence-guided action lines
	<b>Processes</b>	• Deploy strategic, financial, and administrative processes at KIC and Node levels to ramp up EIT ICT Labs to the intended scale and give it the means to succeed in its mission
	<b>Marketing &amp; Communications</b>	• Launch and establish the EIT ICT Labs brand by focused external and internal marketing and communications
	<b>Relationships</b>	• Develop working relationships with regional, national, and European research, education, and innovation programs



## Invest for Impact Management Agenda 2012

	<b>Innovation &amp; Business Strategy</b>	• Drive mobility and catalysts for innovation impact in education, research and business • Explore sustainable business models for EIT ICT Labs
	<b>Co-location Centres &amp; Footprint</b>	• Make our CLCs vibrant interaction places for people from various education, research and business disciplines • Build up our Italian CLC and national networks • Broaden our footprint in Europe and abroad
	<b>Action Lines</b>	• Drive our action lines for business impact • Establish our Master School and Doctoral Training Centres
	<b>Processes</b>	• Focus on KPI management, performance reporting and deliverable quality • Introduce more agility into the business planning process
	<b>Marketing &amp; Communication</b>	• Establish EIT ICT Labs as a recognised innovation brand in education and business development
	<b>Relationships</b>	• Develop strategic agendas and projects together with regional, national, and European research, education, and innovation programs



# Action Lines in 2012



**Ariane Sutor**

Smart Energy Systems



**Ludovic Noirie**

Internet Technologies  
& Architecture



**Khaldoun Al Agha**

Digital Cities of the  
Future



**Seif Haridi**

Computing in the  
Cloud



**Jean Gelissen**

Health & Well-Being



**Carl-Gustaf Jansson**

Master School



**Henrik Abramowicz**

Networking Solutions  
for Future Media



**Christian Queinnec**

Doctoral School



**Christian Mueller**

Intelligent Mobility and  
Transport Systems



**Sébastien Gambs**

Privacy, Security  
Trust



**Petri Liuha**

Smart Spaces



**Lynda Hardman**

ICT-mediated Human  
activity



**Holger Pfeifer**

Cyber-Physical  
Systems





# Achievements 2011

some figures

**5** technology transfers

**12** new products or services

**7** EIT labeled MSc programs

**4** new ventures

**630** externals in CLC events

**12** standards contributions

**21** startups / SMEs coached

**32** test beds, technologies, demos, tools

**283** students in summer schools

**60** publications



EIT ICT Labs Node



Associated Partners



# Our Education Strategy aims at breeding and attracting top talents

## EIT ICT Labs Education Strategy

Breed and attract **top talent** via our Master and Doctoral School

**Establish our brand** in entrepreneurial ICT education

Expand into **life-long** entrepreneurial ICT education based on our Action Lines



Master School



Doctoral School



# Our Education activities start delivering on entrepreneurial MSc and PhD programs



The Core Master Program starts in 2012 and is set up to entrepreneurial ICT Master Students with a broad European perspective



EIT ICT LABS MASTER SCHOOL

HOME MASTER'S PROGRAMME COMMUNITY ABOUT

复旦大学微电子研究院 复旦大学微电子学系  
复旦大学微纳平台 人才培养基地  
复旦大学专用集成电路与系统国家重点实验室

复旦大学

设为首页 加入收藏 网站地图 English

本院介绍 组织机构 师资队伍 教学招生 学术研究 国际交流 新闻公告 内部访问

**复旦大学技术创新战略合作伙伴-欧洲技术创新学院招生信息**

复旦大学技术创新战略合作伙伴-欧洲技术创新学院，2012年招收技术创新与管理国际硕士研究生（信息技术），报名截止 2012年3月5日，请访问 <http://eitictlabs.masterschool.eu/>。

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# Our Business Strategy aims to strengthen industry leadership

## EIT ICT Labs Business Strategy

Support **large industries** by offering top talent and technology

Support **SMEs** in growth strategies and access to customers

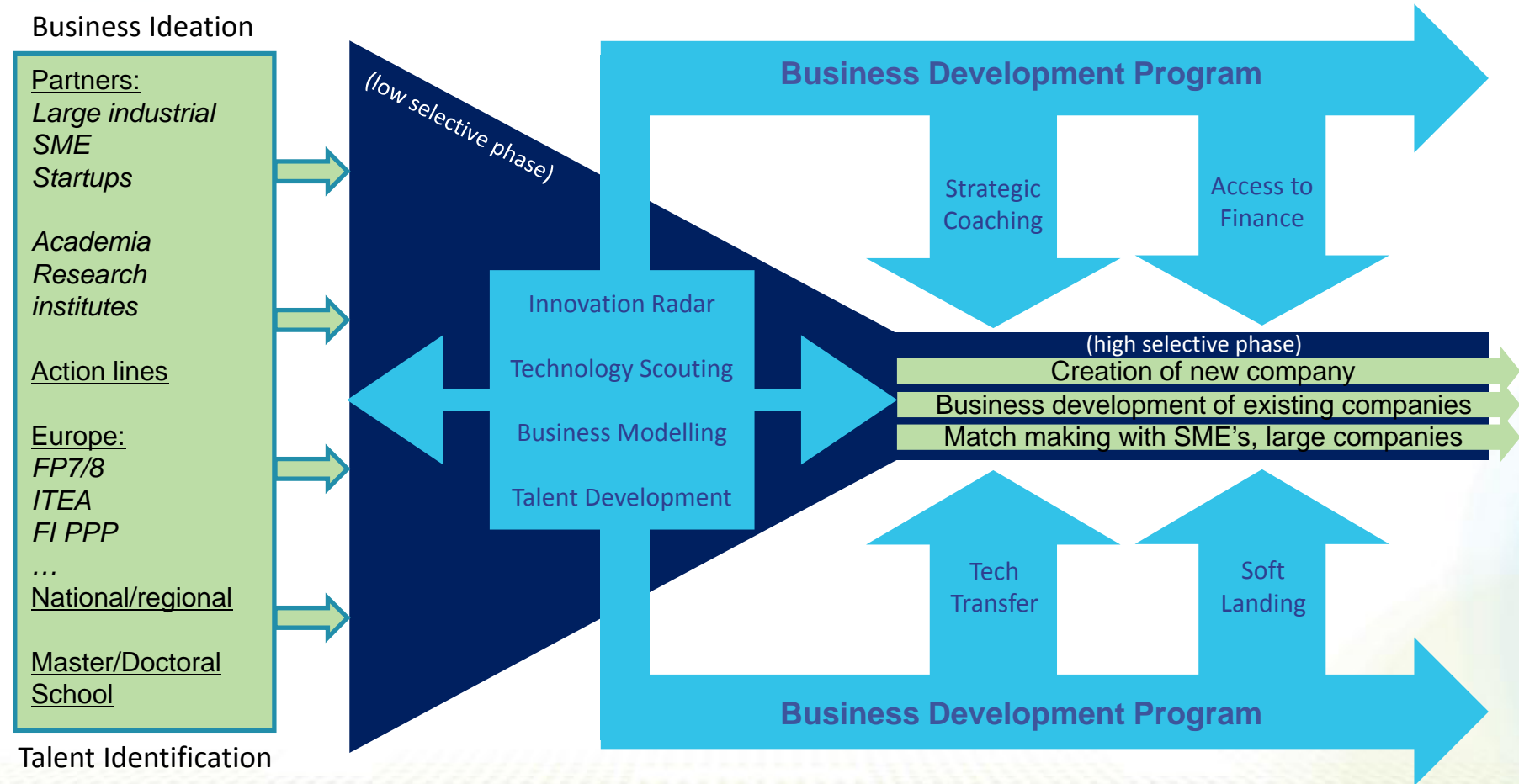
Support **start-ups** by offering business expertise and access to finance

Become a **preferred innovation supplier** building on expertise in our Action Lines





# EIT ICT Labs Innovation Booster for Technology Transfer and Business Creation





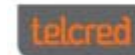
# Our Business activities start delivering on Start-ups, SMEs and Technology Transfers



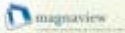
Each EIT ICT Labs node has a dedicated Business Developer to support local start-ups



Companies coached within the Entrepreneurship Support System



Coached Company	Node	Thematic Action Line
Smart Signs by CED/Diagnostics	Eindhoven	Smart Spaces / Digital Cities
MagnaView	Eindhoven	H&WB
Telcred	Stockholm	Future Media
Komoot	Berlin	Smart Spaces
HPC	Paris	H&WB / Digital Cities
E3S	Paris	Smart Energy / Digital Cities
Login People	Paris	Future Media
Script & Go	Paris	Future Media
IP Label	Paris	Future Media
Backelite	Paris	Future Media
Green Communications	Paris	Future Media
Innorange	Helsinki	Digital Cities
CLS	Trento	Smart Spaces / Future Media
PractiX	Trento	Smart Spaces
Fabrica Ludens	Trento	Smart Spaces
R SENS	Trento	Smart Energy
U-Hopper	Trento	Digital Cities
SayService	Trento	Digital Cities





# Access to Finance

## Top level meeting with European Investment Fund and European Investment Bank



EIT ICT Labs organised a high level strategic meeting with the European Investment Fund (EIF) and the European Investment Bank (EIB) on May 8th at the headquarters in Luxembourg.

It was the first time that parties from all organisations met to discuss the challenges to commercialize innovations from research, especially the early stage financing that is shortage in Europe. Questions were raised about how EIF looks upon these problems and what is being done to tackle challenges.

EIT ICT Labs CEO Willem Jonker presented the EIT's concept covering the approach from both EIT and EIT ICT Labs and EIT ICT Labs Business Director Klaus Beetz, continued by describing the on-going business activities within EIT ICT Labs. Pär Hedberg, CEO of STING and leader of the Access-to-Finance catalyst at the EIT ICT Labs showed what has been developed within EIT ICT labs to close the equity gap for start-ups coming from the EIT ICT Labs partner network.

..... [Read more](#)



# Alignment with European innovation programs is crucial for the success of EIT ICT Labs

**Keywords:**

- Complementarity
- Joint Innovation

The map shows nodes in Helsinki, Stockholm, Eindhoven, London, Berlin, Paris, Trento, and Budapest. A legend indicates 'EIT ICT Labs Node' and 'Associated Partners'.

Logos include: European Union, Education and Culture DG, ARTEMIS, Digital Agenda (Digital Agenda for Europe), European Commission (Information Society and Media), ITEAZ, SEVENTH FRAMEWORK PROGRAMME, and RESEARCH.







## EIT ICT Labs and ITEA2 announced collaboration

27. Oct  
2011

CEO Willem Jonker from EIT ICT Labs and Chairman Rudolf Haggenmüller from ITEA2 announced the agreement for joint collaboration at the ITEA- → [more](#)



## Guarantee news

01. Jun  
2012

EIT ICT Labs is in collaboration with ITEA and we would therefor like to distribute the following article from the ITEA magazin 04/2012. The → [more](#)

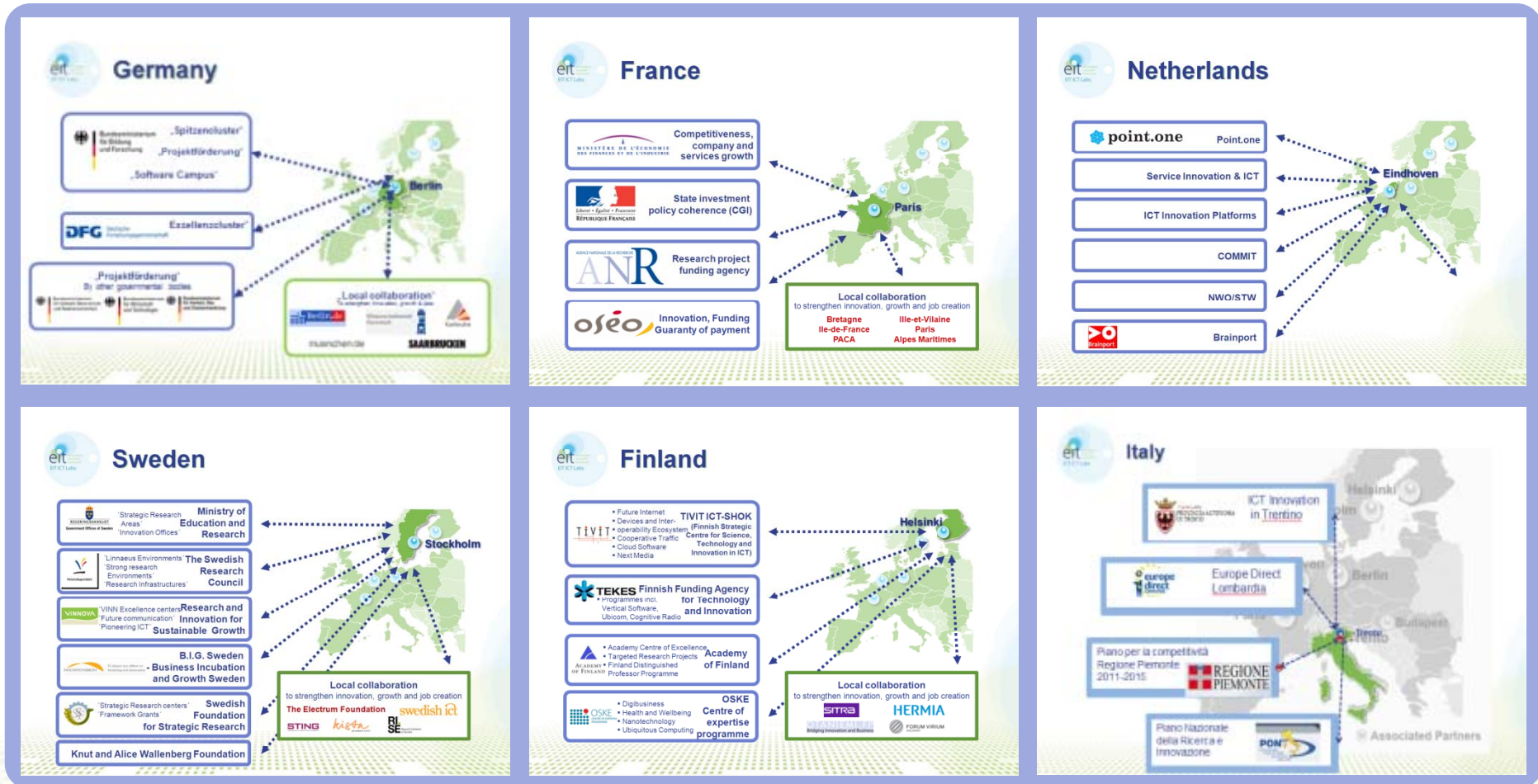
## EIT ICT Labs and FI-PPP signing Memorandum of Collaboration on 21 June 2012



An agreement bringing together EIT ICT Labs of the European Institute of Innovation and Technology and the EU's Future Internet Public-Private Partnership (FI-PPP) will be signed on 21 June in the presence of Neelie

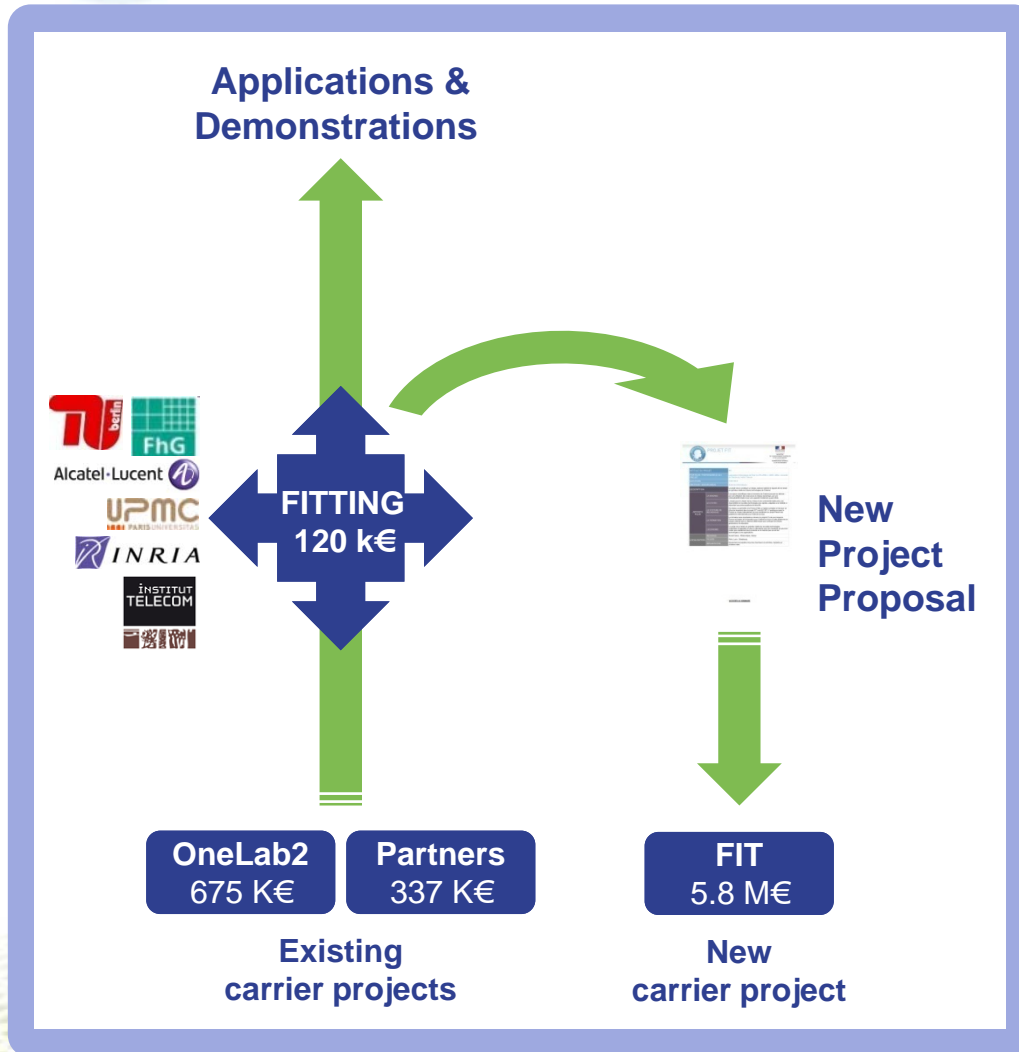


# The success of EIT ICT Labs will highly depend on fruitful collaboration with national and regional innovation programs





# EIT ICT Labs FITTING activity will be further supported by the French government



FITTING receives **5.8 M€** from the French Grand Emprunt to develop a network of wireless sensors in France



# EIT ICT Labs is well aligned with German National Programs



Bundesministerium für Bildung und Forschung

Deutschlands Spitzencluster  
Germany's Leading-Edge Clusters



Berlin



EIT ICT Labs runs the German Software Campus



BMBF, Acatech and EIT ICT Labs join forces on Cyber Physical Systems



EIT ICT Labs presents its work on Smart Energy Systems at the E-Energy conference in Berlin



Bundesministerium für Wirtschaft und Technologie



Integrative Cyb



National



Bundesministerium für Bildung und Forschung

MUNICH



The European Virtual Smart Grid Lab will create a network of labs and demonstrators



- The activity will create Smart Grid Labs in 10 countries
- Identifying potential for collaboration between partners
- Building existing Test beds
- Smart Grid algorithms, as well as system architectures, hardware and software will be used
- The European Virtual Smart Grid Lab will be made official during the next quarter of 2013
- First results expected to be announced during first quarter of 2013





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