



Bringing ICT Innovations to Life

Willem Jonker – CEO EIT ICT Labs

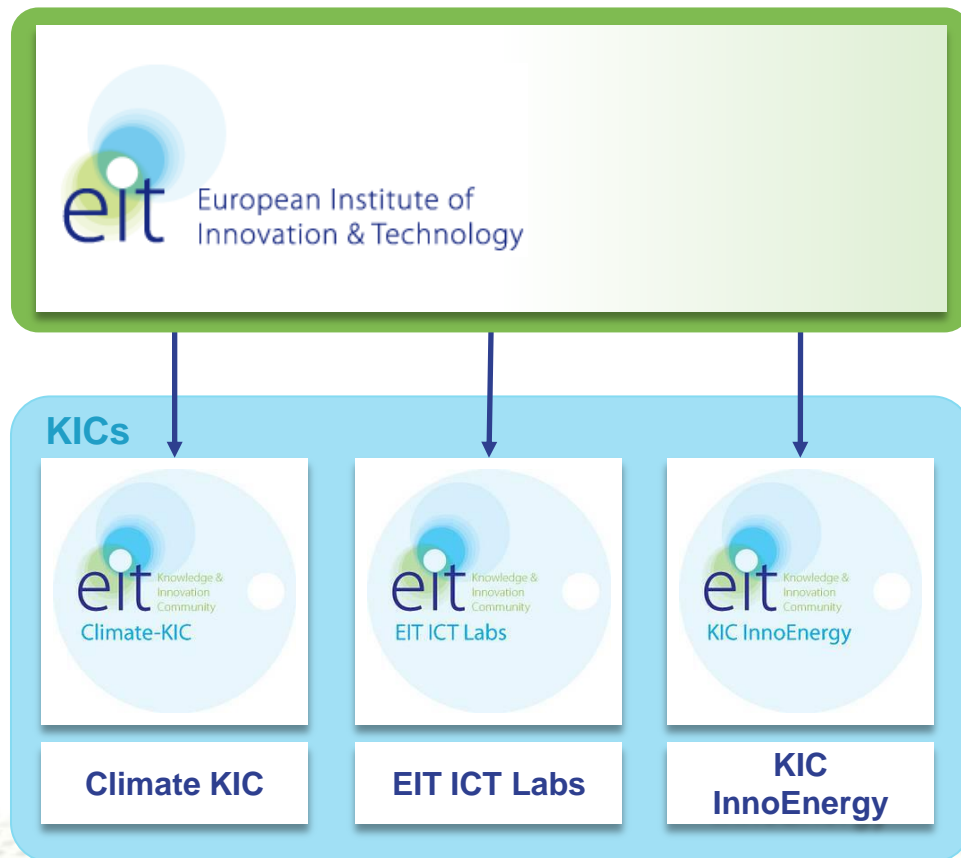
Jean-Pierre Banâtre – Former ESB member

BLED , October, 2012





EIT ICT Labs is a Knowledge and Innovation Community of the European Institute of Innovation & Technology





KICs operate from co-location centers all over Europe

Climate KIC

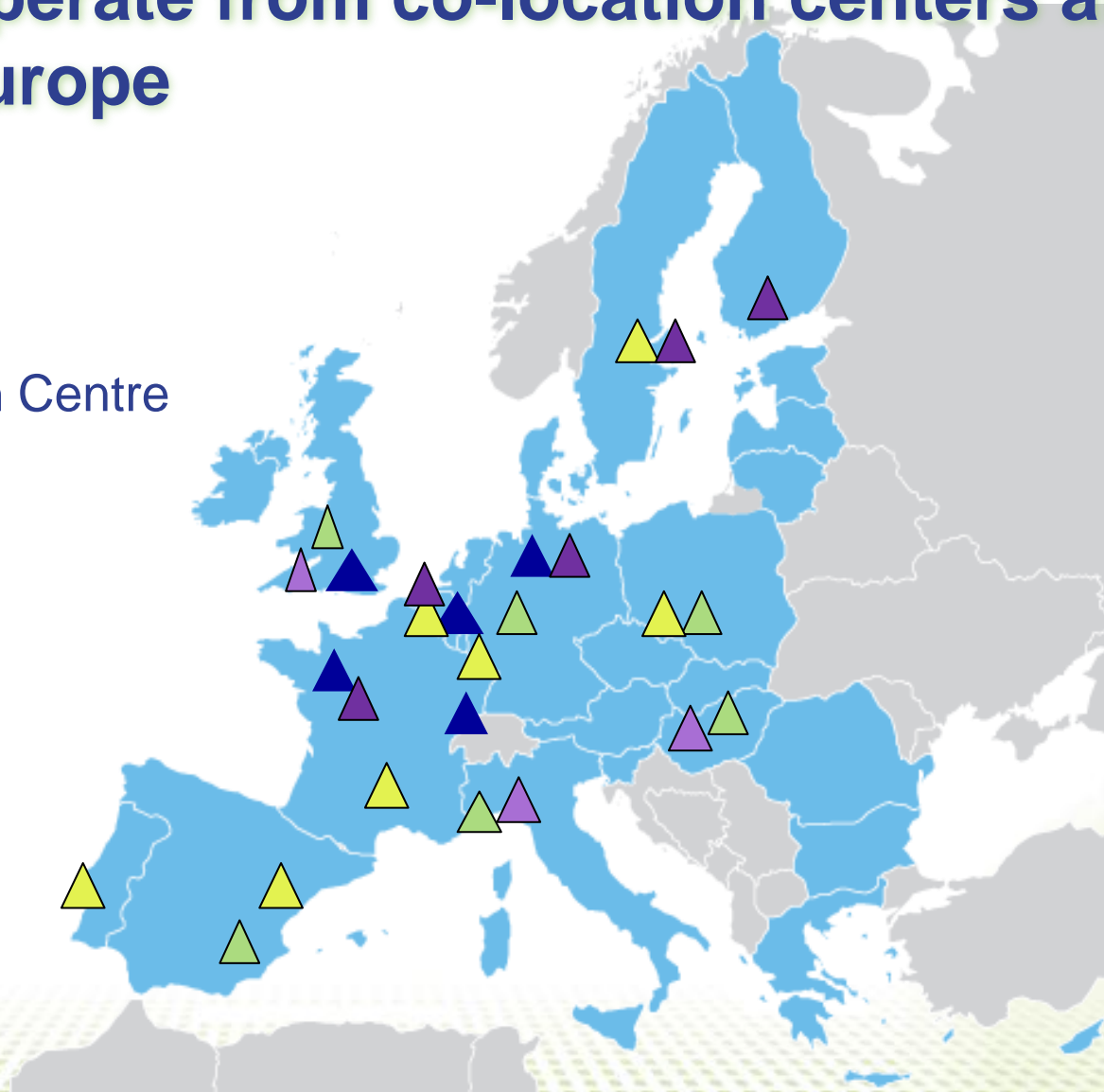
- ▲ Co-location centre
- ▲ Regional Innovation Centre

EIT ICT Labs

- ▲ Co-location centre
- ▲ Associate Partner

KIC InnoEnergy

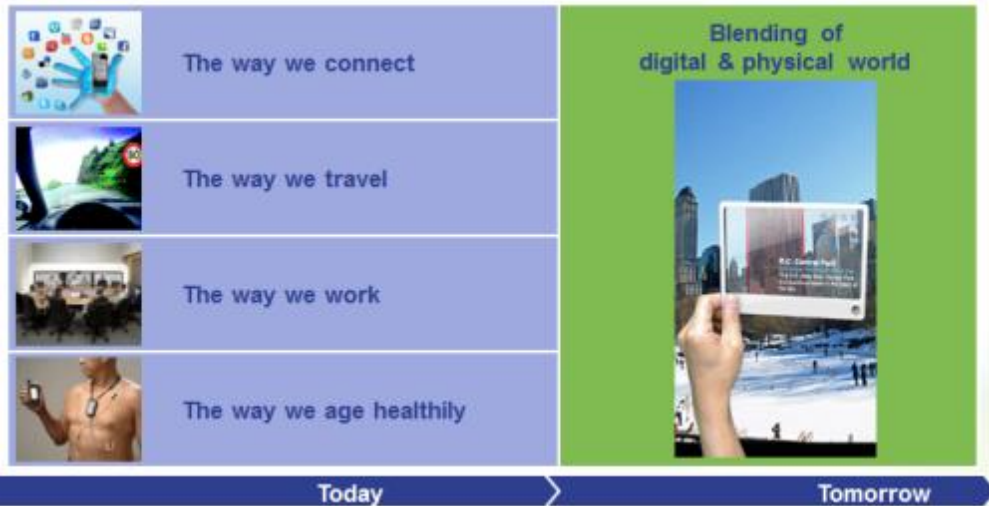
- ▲ Co-location centre





EIT ICT Labs drives Innovations in the Digital Society

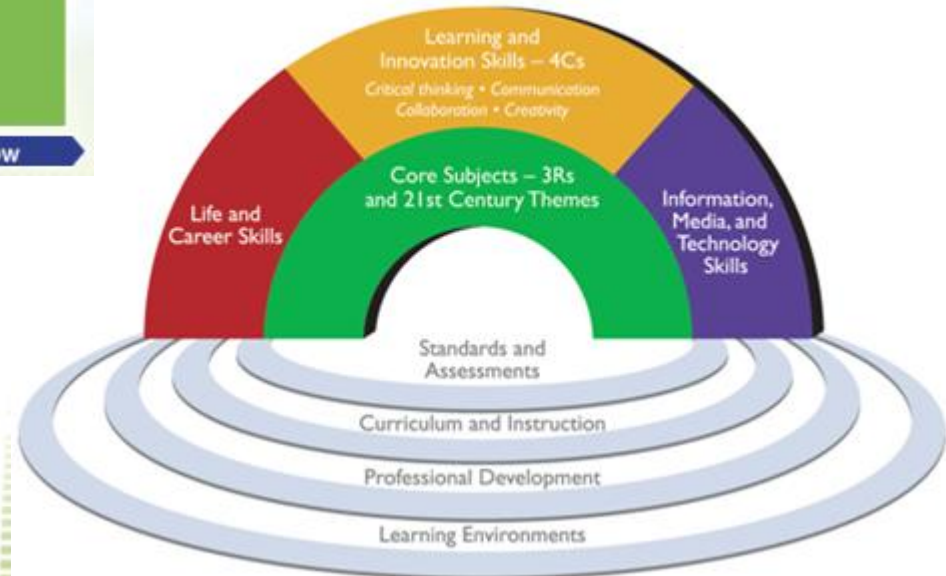
ICT is drastically changing our lives thus providing huge opportunities for Businesses



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”



Our mission is to turn Europe into a global leader in ICT innovation, creating value and jobs for Europeans



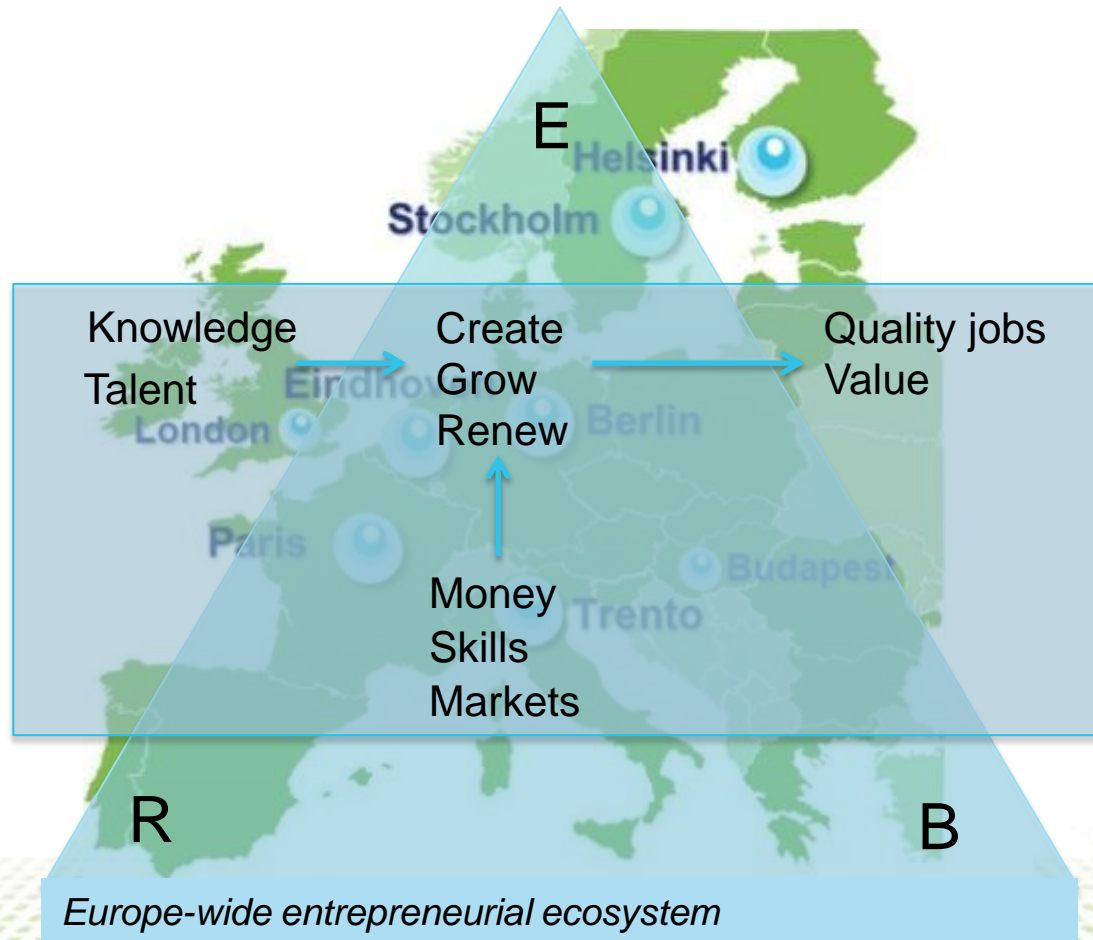


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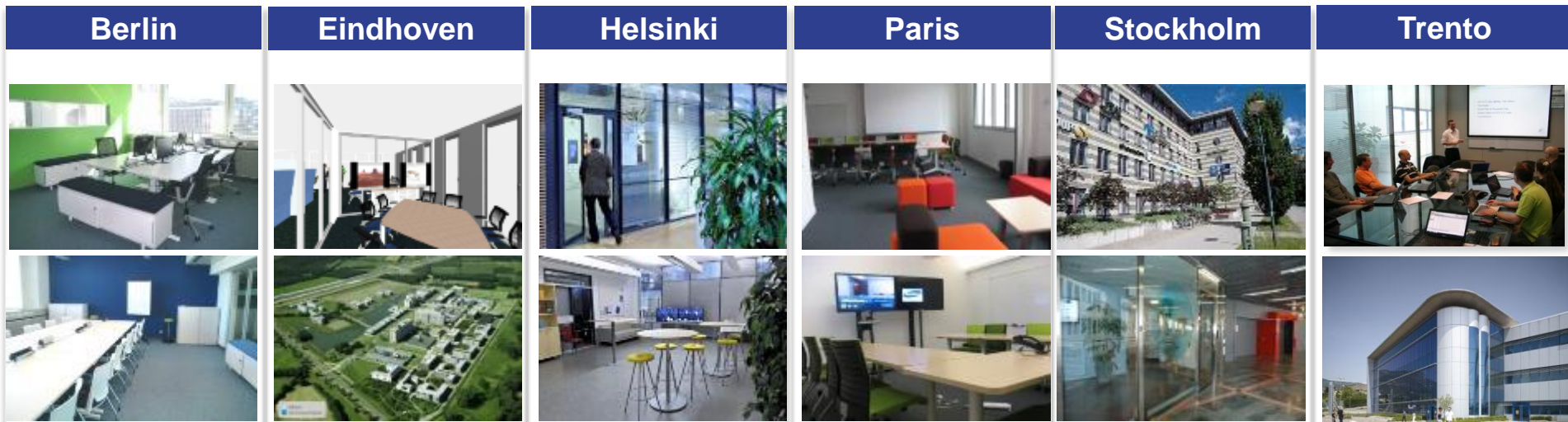


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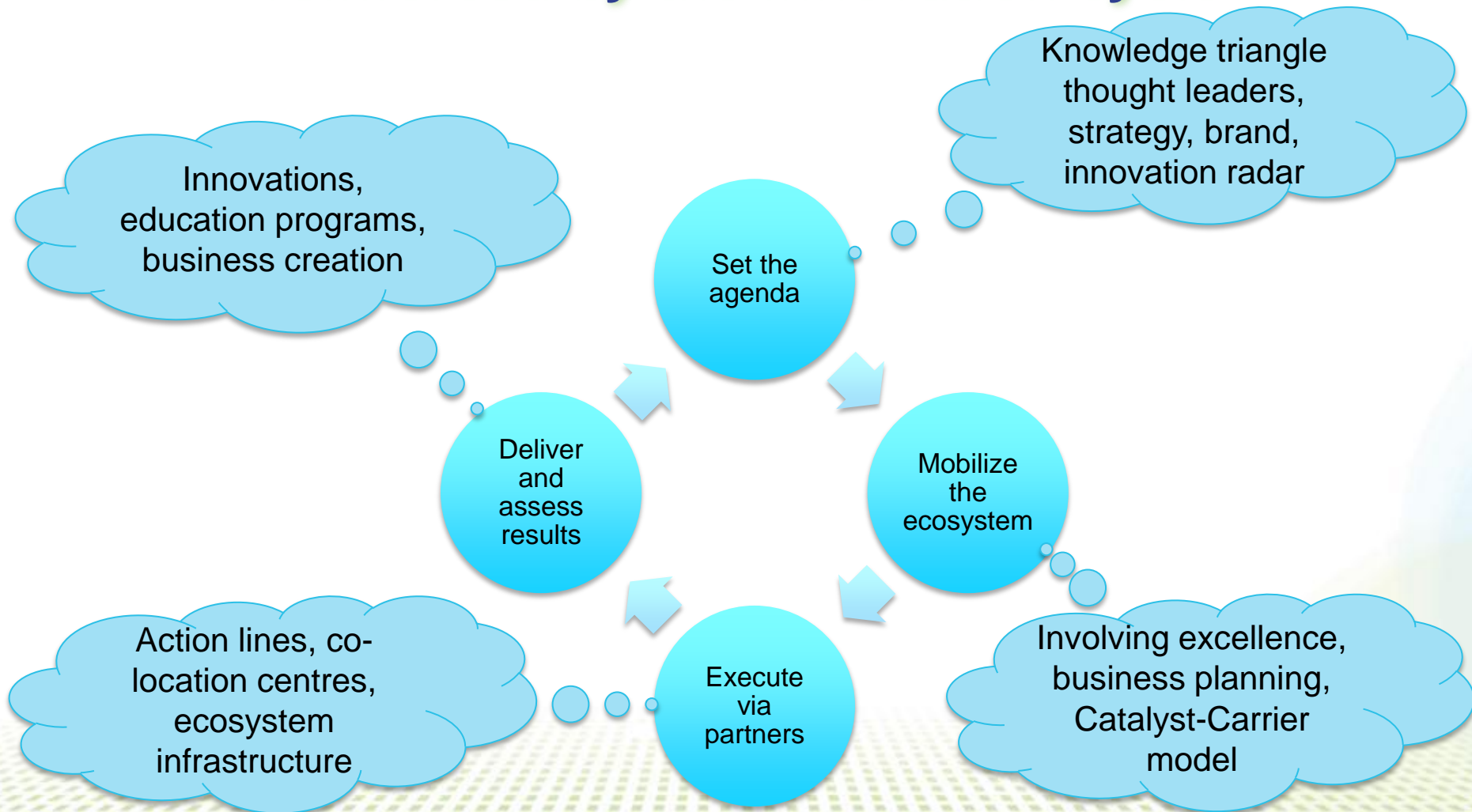
Our Co-location Centres are fully operational and our ecosystem is extending



Berlin	Eindhoven	Helsinki	Paris	Stockholm	Trento

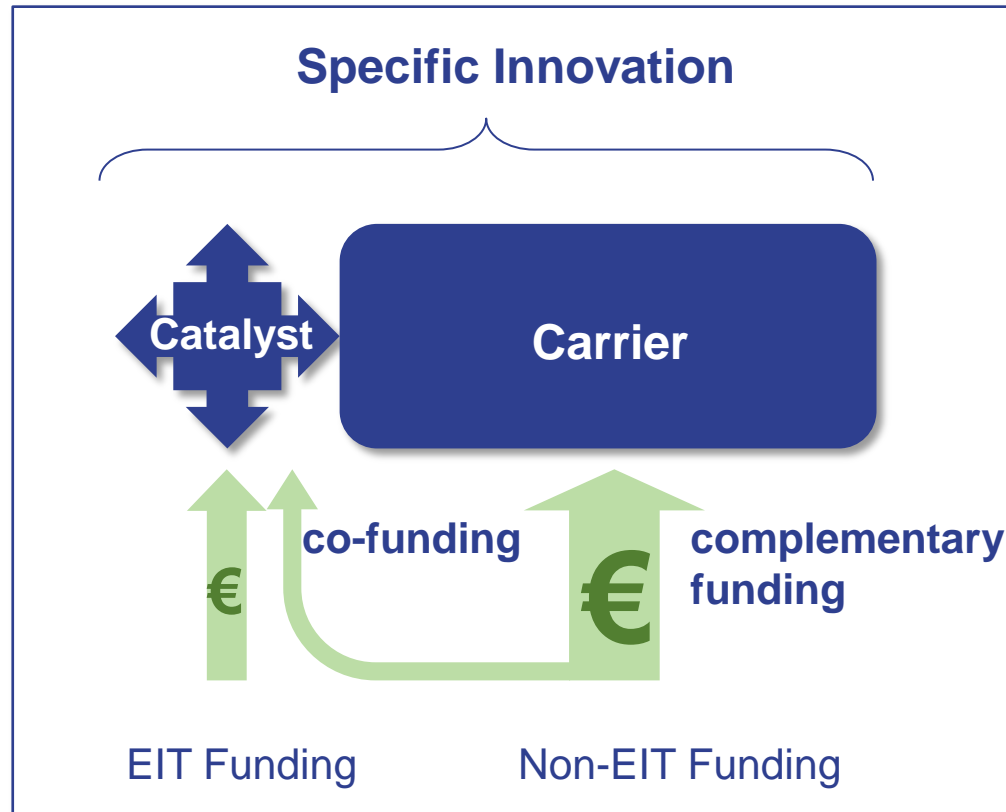


Our core strategy builds on thought leadership in ICT innovation, created and reinforced by the innovation cycle





The Catalyst-Carrier model is key in our approach





Catalysts 2013

Common Catalysts

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

Education Catalysts

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

Research Catalysts

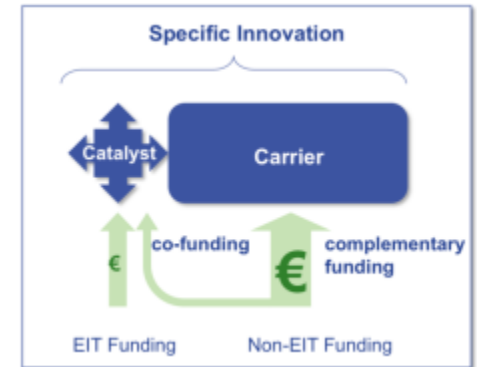
Open Source Booster catalyse industrial take-up of open source flagship projects
Patent Booster intensify creation of new patents
Test Beds, Testing Platforms & Simulation Tools integrate joint hardware or software platforms to experiment and validate technologies or applications
Experience & Living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

Business Catalysts

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



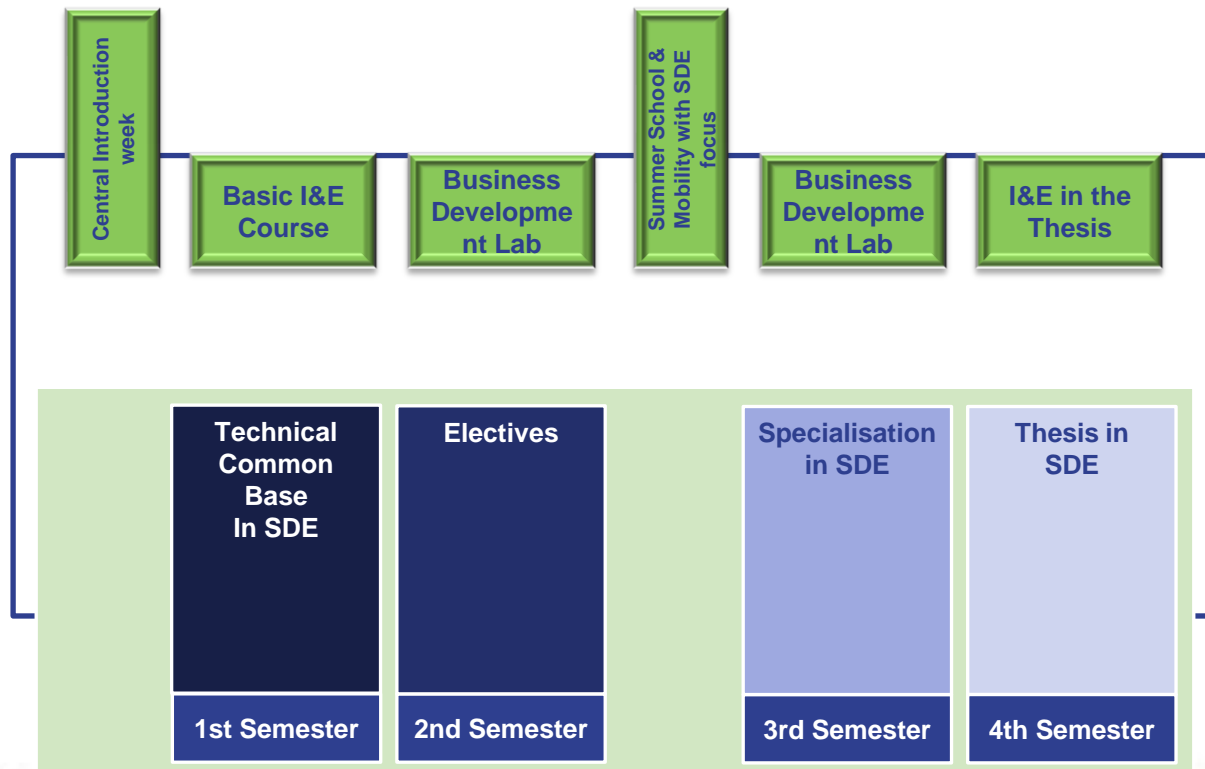
Education Example: SDE Master Program



I&E Module for
M.Sc. Programs

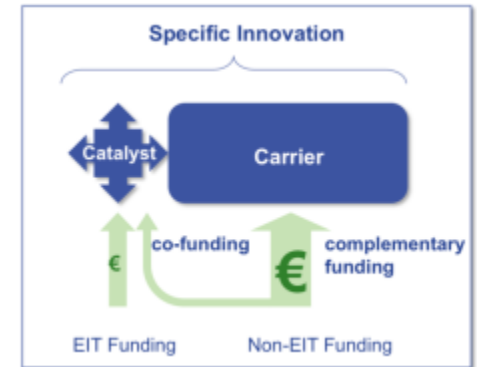


Technical SDE
M.Sc. Program





Research Example: Patent Booster



Patent Booster



Research Project



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

EIT ICT Labs Management Team

KIC Central Coordination	 CEO Willem Junker	 CBO Bertil Mantzi	 COO Marc Smits	 EIT-Com Johanna Gassler		
ERB-Directors	 Executive Director Marco Tronchetti Provera	 Research Director Olof Eriksson	 EIT-Com Director Klaus Bartsch			
Node Directors	 NL Director Wim Buij	 MT Director Patrick Staring	 AL Director Marco Turpinoni	 AD Director Valérie Issing	 FD Director Gunnar Lundgren	 EU Director Roberto Scavone

Get Organized – Get Recognized Management Agenda 2011

	Innovation Catalysts	• Develop innovation catalysts in Education (e.g. Master School), Research (e.g. European experimentation platforms) and Business (e.g. Technology Transfer)
	Co-location Centres	• Launch and scale up Co-location Centres and their national networks in the EIT ICT Labs Nodes
	Action Lines	• Launch a number of selected thematic- and competence-guided action lines
	Processes	• 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
	Marketing & Communications	• Launch and establish the EIT ICT Labs brand by focused external and internal marketing and communications
	Relationships	• Develop working relationships with regional, national, and European research, education, and innovation programs

Invest for Impact Management Agenda 2012

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



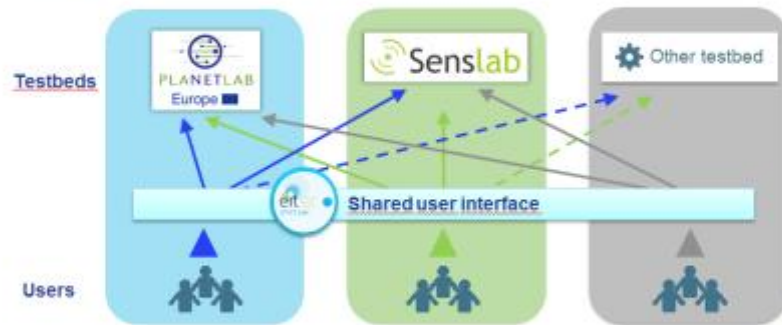
Associated Partners



Our Research activities start delivering on pan-European experimentation infrastructures and exploitable results



The activity FITTING is federating next generation wireless test beds



- 1 portal to be used by all users (almost no additional training needed)
- Control and management of individual and federated resources



The European Virtual Smart Grid Lab will create a network of labs, excellent research projects and demonstrators



- The activity will link **Smart Grid Labs in the nodes**:
 - Identifying potentials for collaboration between partners
 - Linking existing Test beds
- **Smart Grid algorithms** as well as **hybrid simulations** (hardware and software) will be run
- The European Virtual Smart Grid Lab will be **ready for use** during the **second quarter of 2012**
- **First tests** expected to be carried out starting **third quarter of 2012**



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	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	Smart Energy / Digital Cities
E3S	Paris	Future Media
Login People	Paris	Future Media
Script & Go	Paris	Future Media
IP Label	Paris	Future Media
Backelite	Paris	Future Media
Green Communications	Paris	Digital Cities
Innorange	Helsinki	Smart Spaces
CLS	Trento	Smart Spaces / Future Media
Practix	Trento	Smart Spaces
Fabrica Ludens	Trento	Smart Spaces
R Sents	Trento	Smart Energy
U-Hopper	Trento	Digital Cities
SayService	Trento	Digital Cities

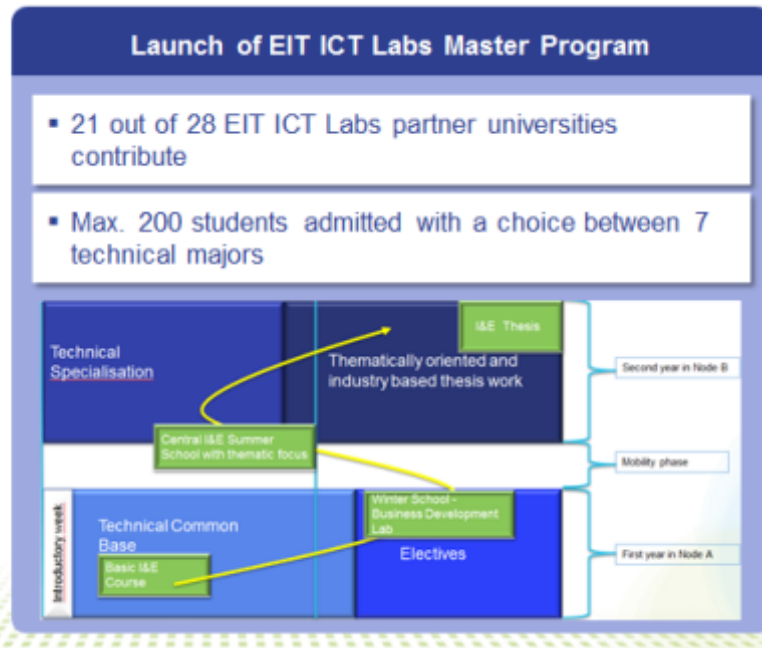




Our Education activities start delivering on entrepreneurial MSc and PhD programs



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





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The screenshot shows the EIT ICT Labs Master School website. The header includes the EIT ICT Labs logo, the text 'EIT ICT LABS MASTER SCHOOL', a search bar, and navigation links for 'HOME', 'MASTER'S PROGRAMME', 'COMMUNITY', and 'ABOUT'. The main banner features a smiling woman and the text 'Empower Top Talents to Lead Europe into a New ICT Age with us'. Below the banner, there is a countdown timer for 'APPLICATION CLOSED IN' showing '27 13 31 20' days, hours, minutes, and seconds. A green 'APPLY HERE' button is next to the timer. Below the timer, it says 'APPLICATIONS WILL BE ACCEPTED BETWEEN 01.01.2012 AND 15.02.2012'. There are social media icons for Facebook, LinkedIn, YouTube, and Twitter. The page is divided into several sections: 'EIT ICT Labs Master's Programme in ICT Innovation' with links for 'Majors', 'Locations', 'Universities', 'Network & Communities', 'Innovation & Entrepreneurship', 'Degrees', 'Mentorship', 'Internships', 'Schools & Camps', 'Application & Admission', 'Tuition Fees & Scholarships', 'Track-Finder', 'Profile Meter', and 'Key Values'. There is also a 'News' section with articles like 'The EIT ICT Labs Master School web is launched' and 'Changing the education system', and an 'Events' section with 'EIT Entrepreneurship Awards' and 'Trento-nòde Winter Camp'.



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復旦大學

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

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/>。



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

Keywords:

- Complementarity
- Joint Innovation

A map of Europe with blue circular icons indicating the locations of EIT ICT Labs Nodes and Associated Partners. The nodes are located in Helsinki, Stockholm, Eindhoven, London, Berlin, Paris, Trento, and Budapest.

A collage of logos for various European innovation programs, including the European Union flag, 'Education and Culture EC', 'ARTEMIS', 'Digital Agenda', 'European Commission Information Society and Media', 'SEVENTH FRAMEWORK PROGRAMME', 'RESEARCH', and 'HORIZON 2020'.





eit

Knowledge &
Innovation
Community

EIT ICT Labs

