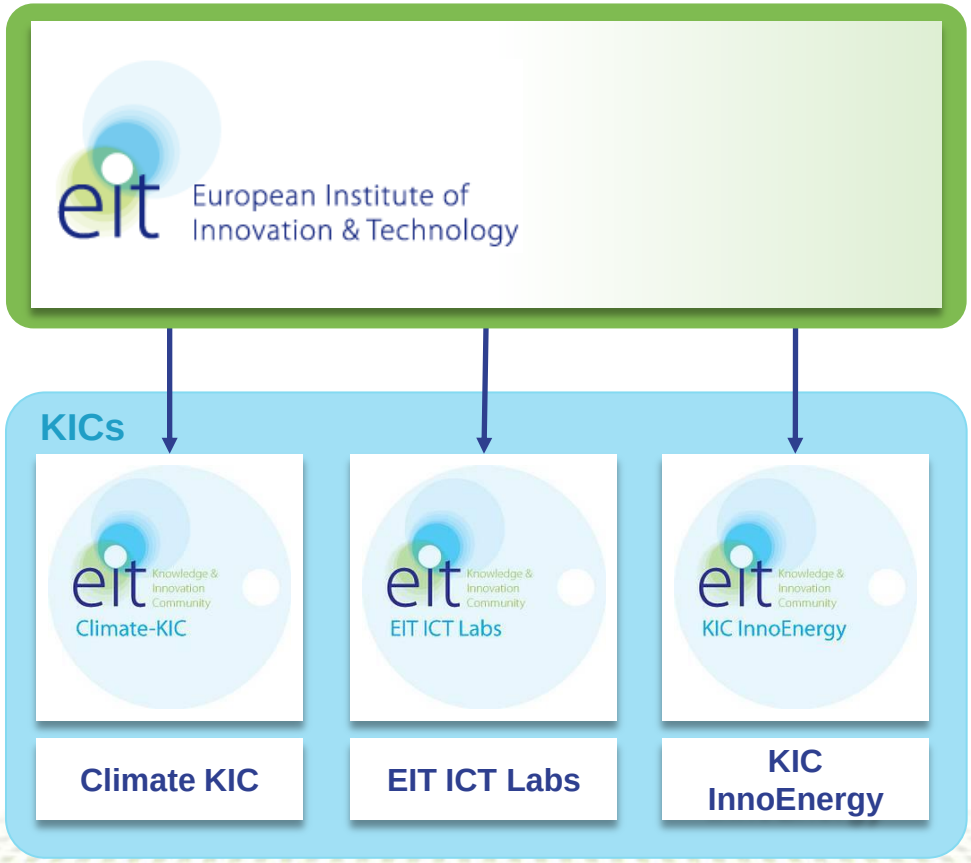
Bringing ICT Innovations to Life

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

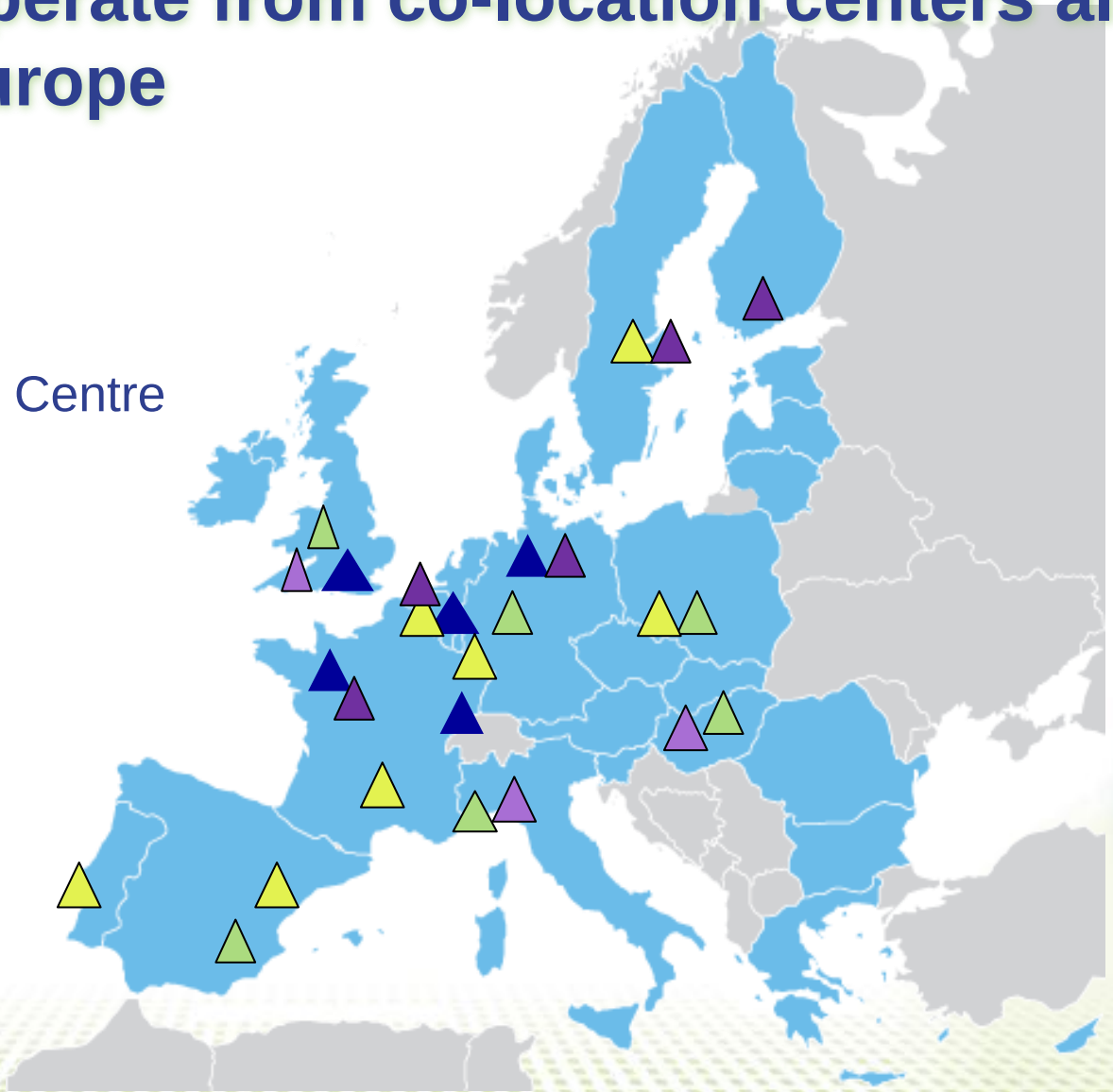
- Co-location centre
- Regional Innovation Centre

EIT ICT Labs

- Co-location centre
- Associate Partner

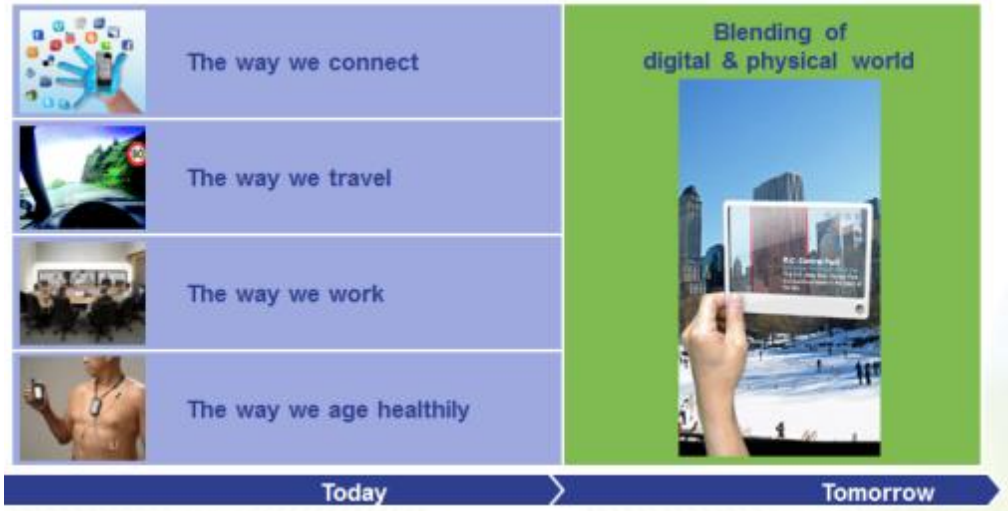
KIC InnoEnergy

- Co-location centre

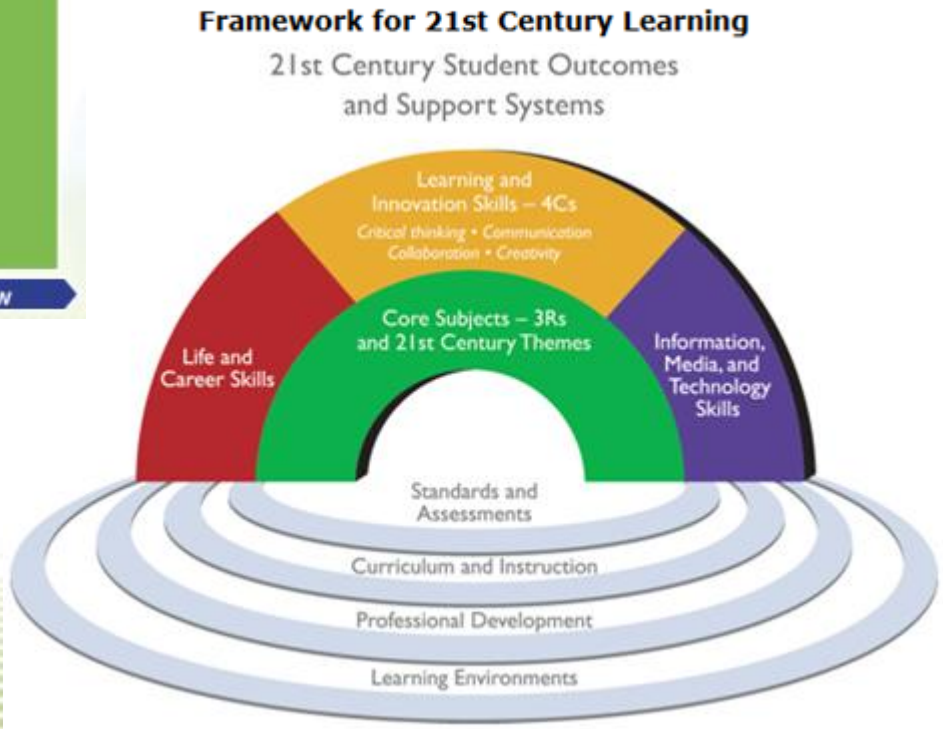


EIT ICT Labs drives Innovations in the Digital Society

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



ICT Education is the guarantee for an inclusive digital society



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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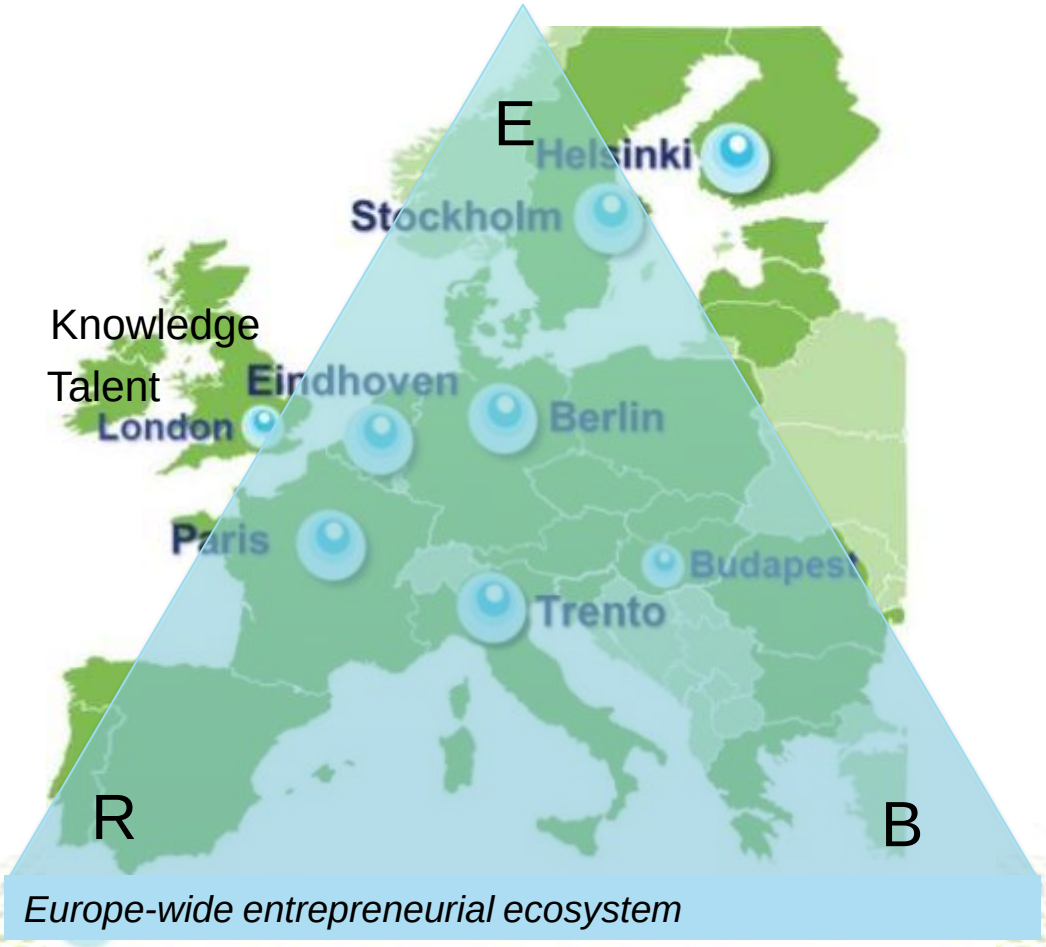

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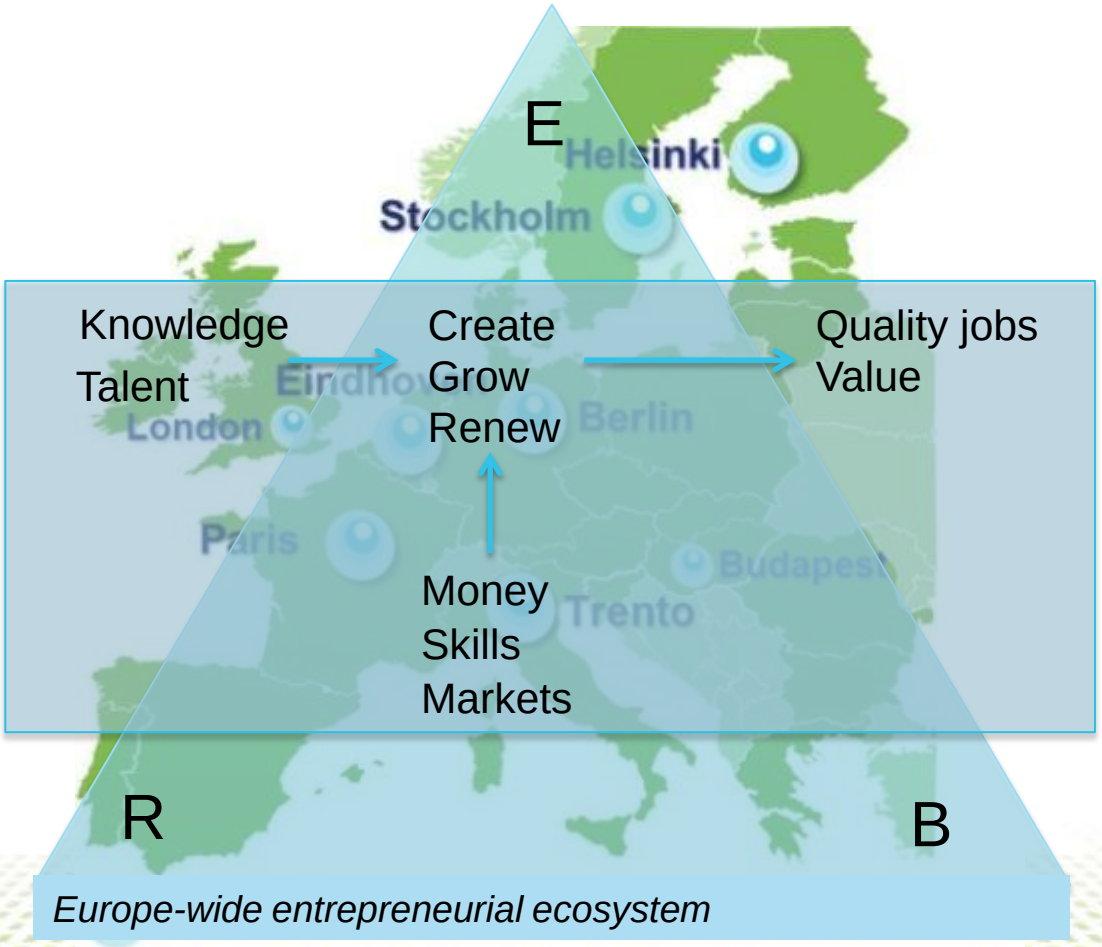


Our Co-location Centres are fully operational and our ecosystem is extending

Berlin	Eindhoven	Helsinki	Paris	Stockholm	Trento

Berlin

Eindhoven

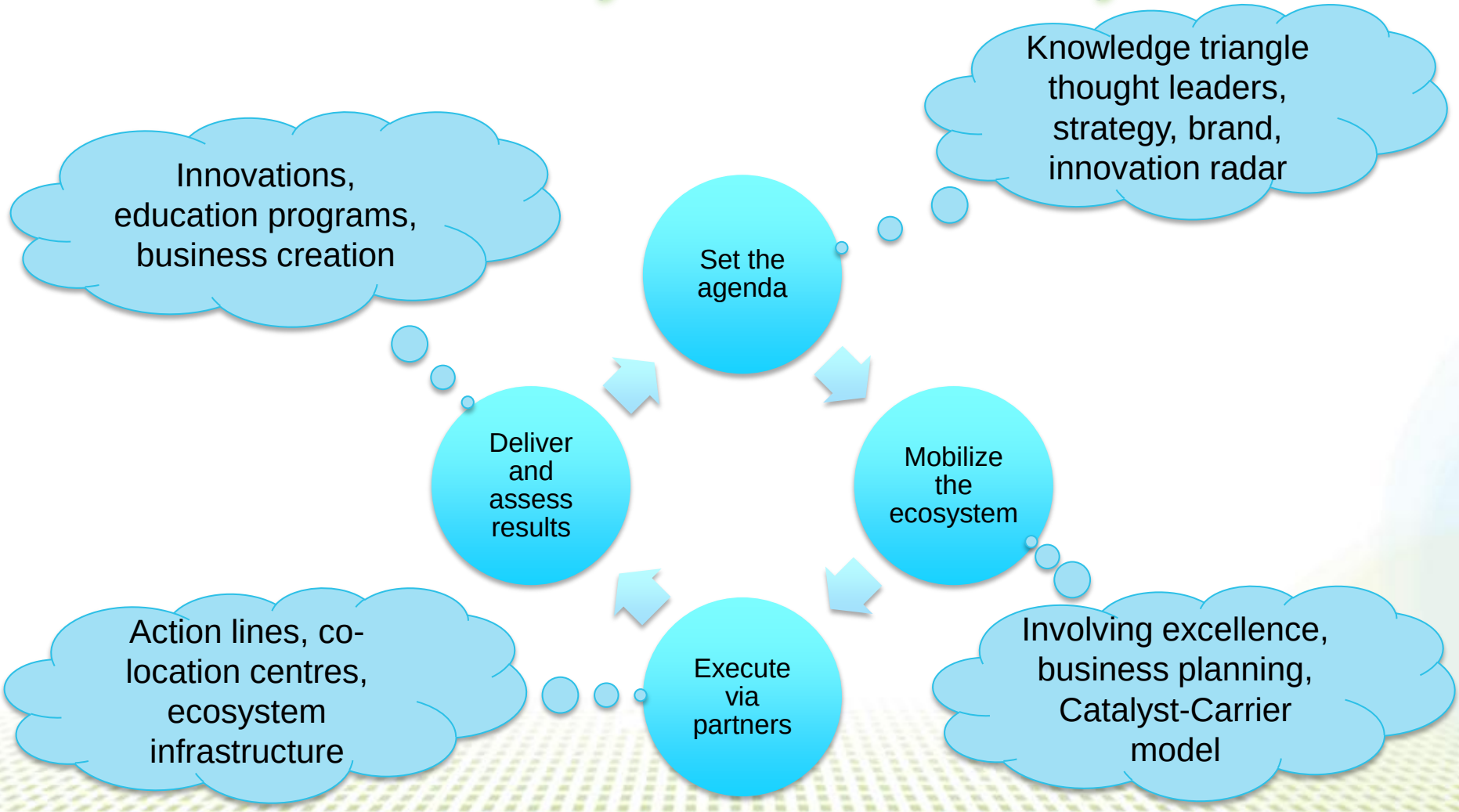
Helsinki

Paris

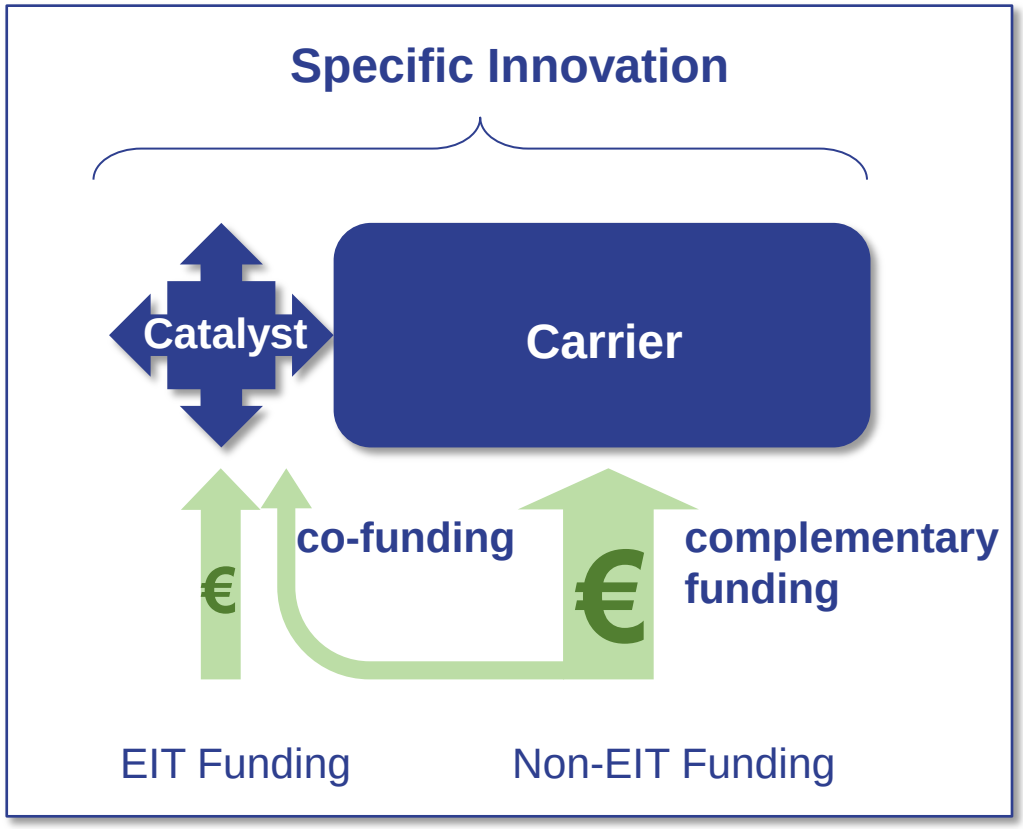
Stockholm

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

Action Line Management
lead an action line towards its goals

Activity Management
lead an activity towards its objectives

Co-Location Centres Updated
lead nodes and CLCs towards v

Workshops and Conferences
consolidate goals, plan joint work, share results, create networks, gain visibility

Project Proposal
catalyse ERB carriers matching our strategy

Best-Practice Benchmarking
integrate global best-practices to create a self-re-enforcing innovation ecosystem

Mobility Program Updated
foster inter-node and inter-doma
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 New
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 New
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 New
foster impact and ensure sustainabil
results

Entrepreneurial Research New
stimulate entrepreneurial research i
community

Business Catalysts

Innovation Radar
create business intelligence of the future

Strategic Coaching Updated
coach start-ups towards growth s

Access to Finance Updated
ensure capital availability for all

Technology Transfer Updated
increase the flow of technologies f
academia to companies

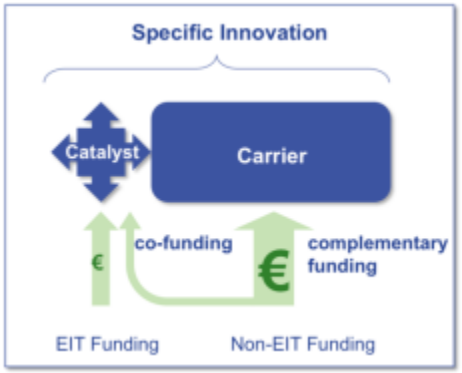
Technology Scouting New
seek opportunities for business incu

Business Modelling Updated
provide techno-socio-economical
a business domain

Soft Landing New
help SME's to grow to European lev

Entrepreneurial Talent Scouting New
link entrepreneurs to innovators

Education Example: SDE Master Program

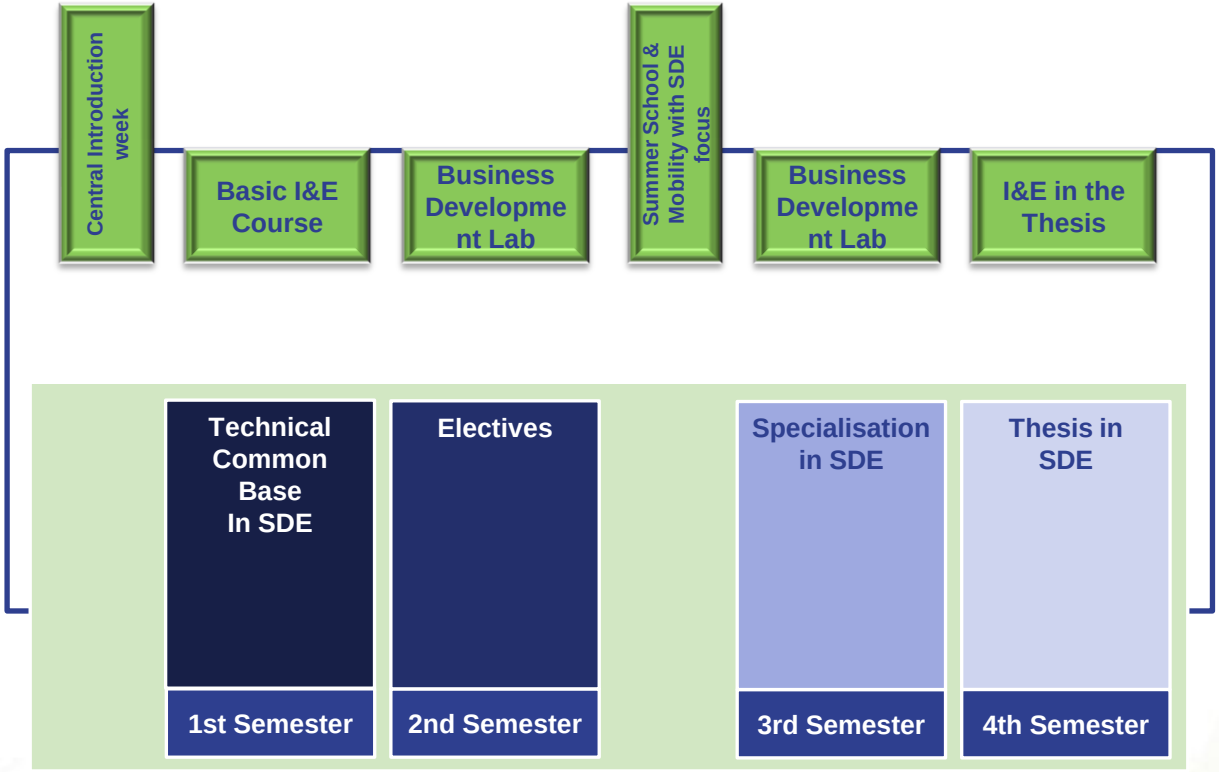


Catalyst

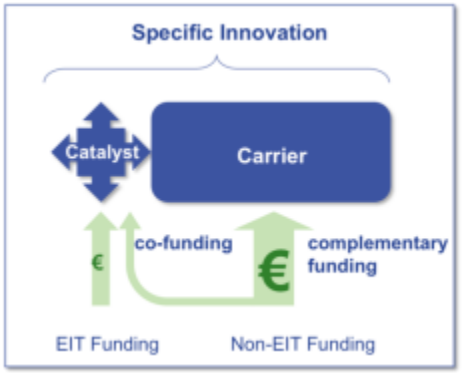
I&E Module for M.Sc. Programs

Carrier

Technical SDE M.Sc. Program



Research Example: Patent Booster



Catalyst

Patent Booster

Carrier

Research Project

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

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

12 standards contributions

4 new ventures

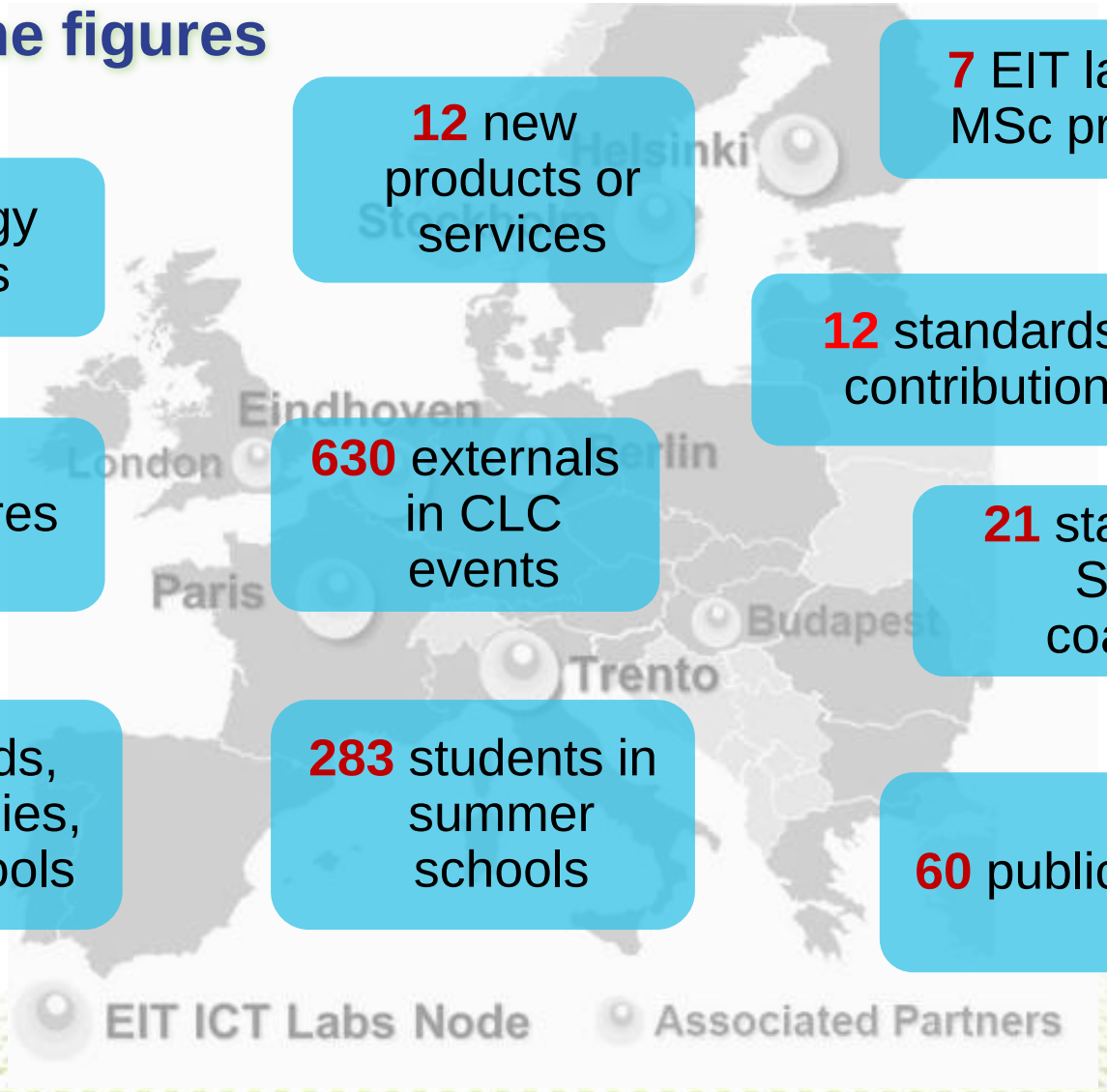
630 externals in CLC events

21 startups / SMEs coached

32 test beds, technologies, demos, tools

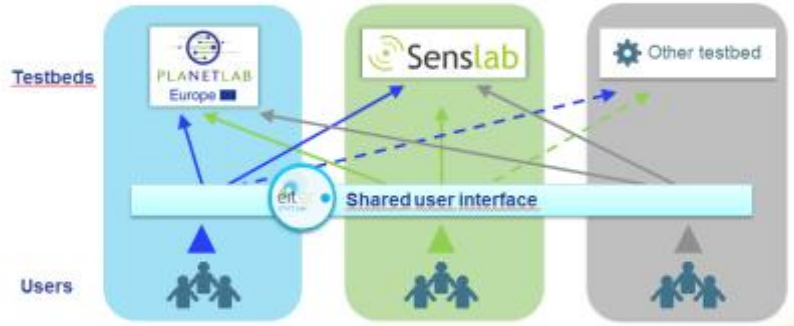
283 students in summer schools

60 publications



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

The activity FITTING is federating next generation wireless test beds



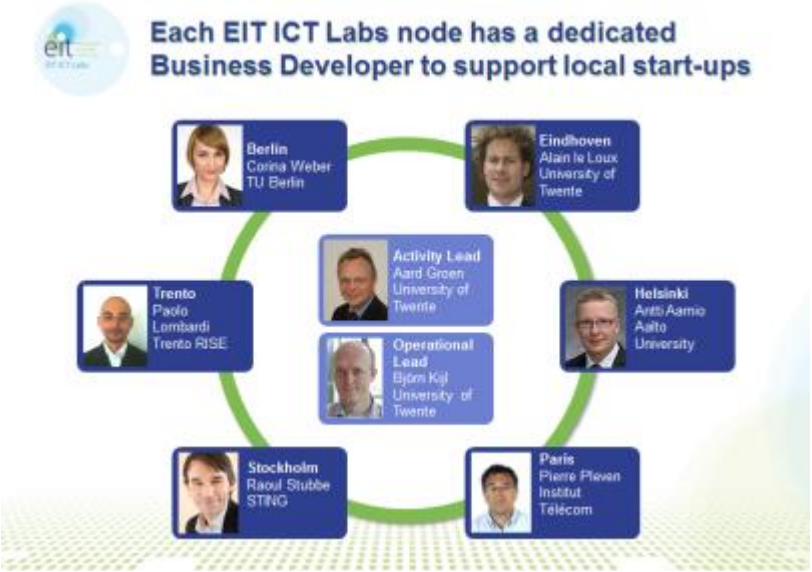
- 1 portal to be used by all users (almost no additional training needed)
- Control and management of individual and federated resources

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

Imperial College London
TUDelft
Fraunhofer
SICS
CWI
ERICSSON
Alcatel-Lucent
SAP
SIEMENS

- 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



innorange

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	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
RSens	Trento	Smart Energy
U-Hopper	Trento	Digital Cities
SayService	Trento	Digital Cities

pluriCast

Green communications

white C

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

Launch of EIT ICT Labs Master Program

- 21 out of 28 EIT ICT Labs partner universities contribute
- Max. 200 students admitted with a choice between 7 technical majors

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

eit Knowledge & Innovation Community

EIT ICT Labs