



eit

Knowledge &
Innovation
Community

EIT ICT Labs





Bringing ICT Innovations to Life

Willem Jonker – CEO

Roberto Saracco – Node Director Italy

Klaus Beetz – Business Director

Hannu Tenhunen – Education Director

EIT CONFERENCE, Copenhagen, June 26, 2012





EIT ICT Labs overall strategy



Mission

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

Strategy Components

ERB Triangle

Pan-European Eco-system

Societal Challenges

Impact

Excellence & Talent

Foundation

EIT brand

Longevity

Funding Model

Run like a Company

Values

Passion for Innovation

Focus on Quality

Drive for Result

Principles

Firm commitment

Agile execution

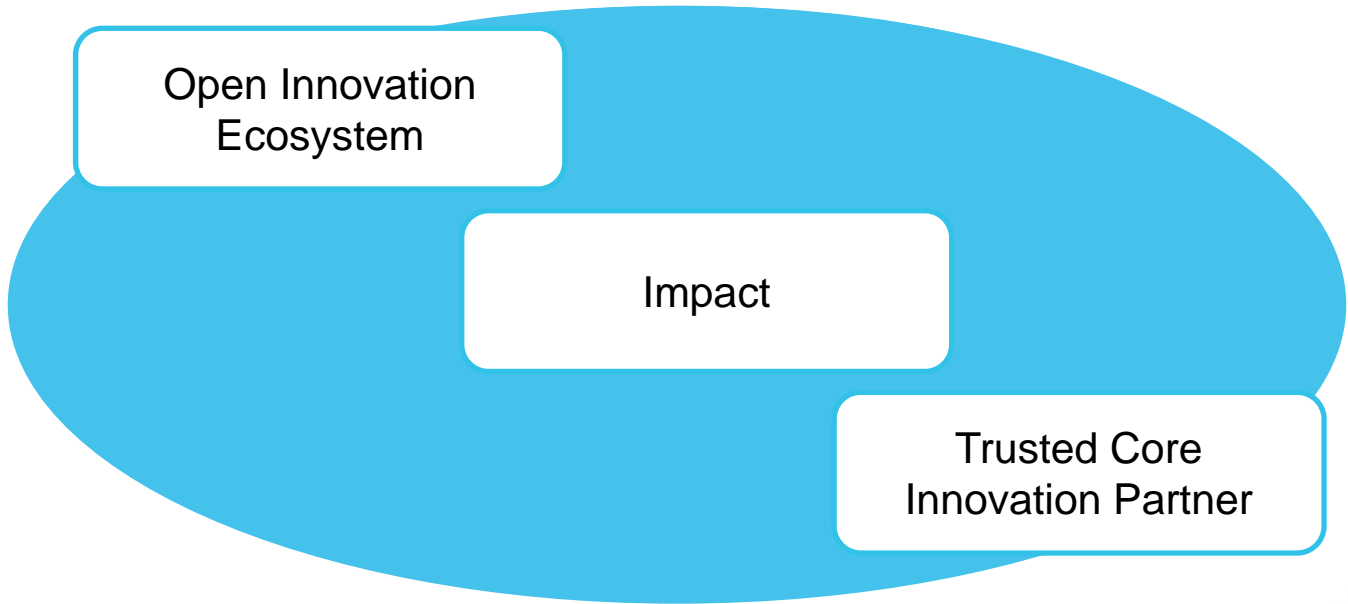
Simple processes

Transparent decisions



Innovation: bringing R&D results to Business Value Chains

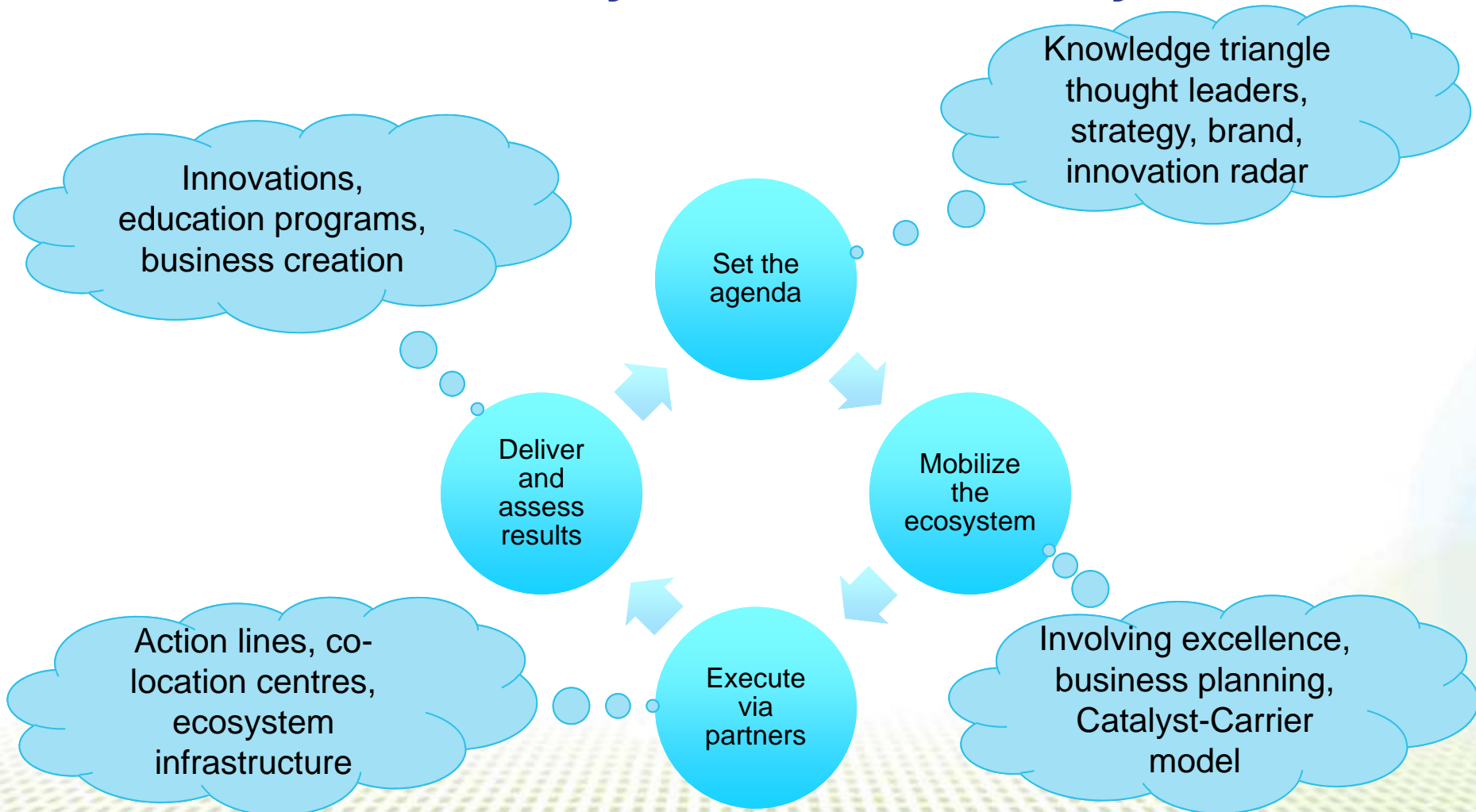
R&D Programs
Collaboration via Joint Projects and Consortia



Business Value Chains

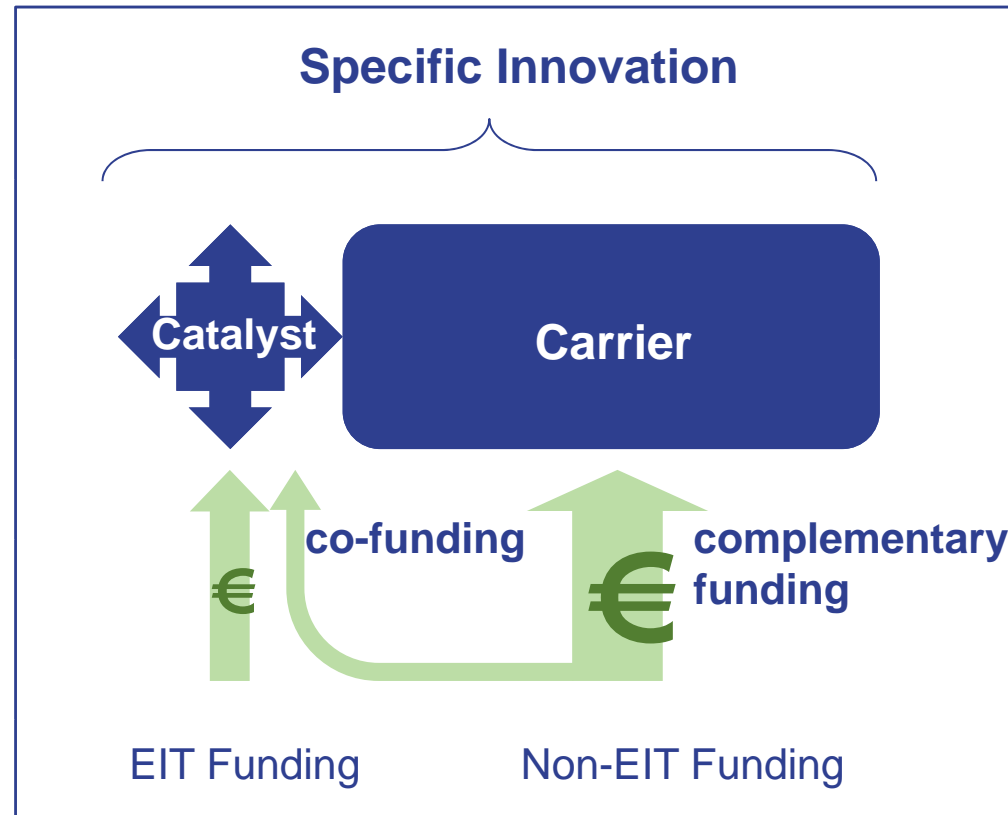


Our core strategy builds on thought leadership in ICT innovation, created and reinforced by the innovation cycle



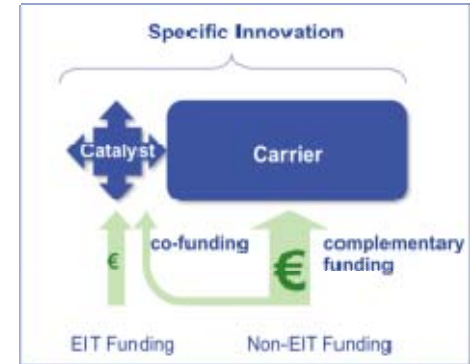


The Catalyst-Carrier model is key in our approach





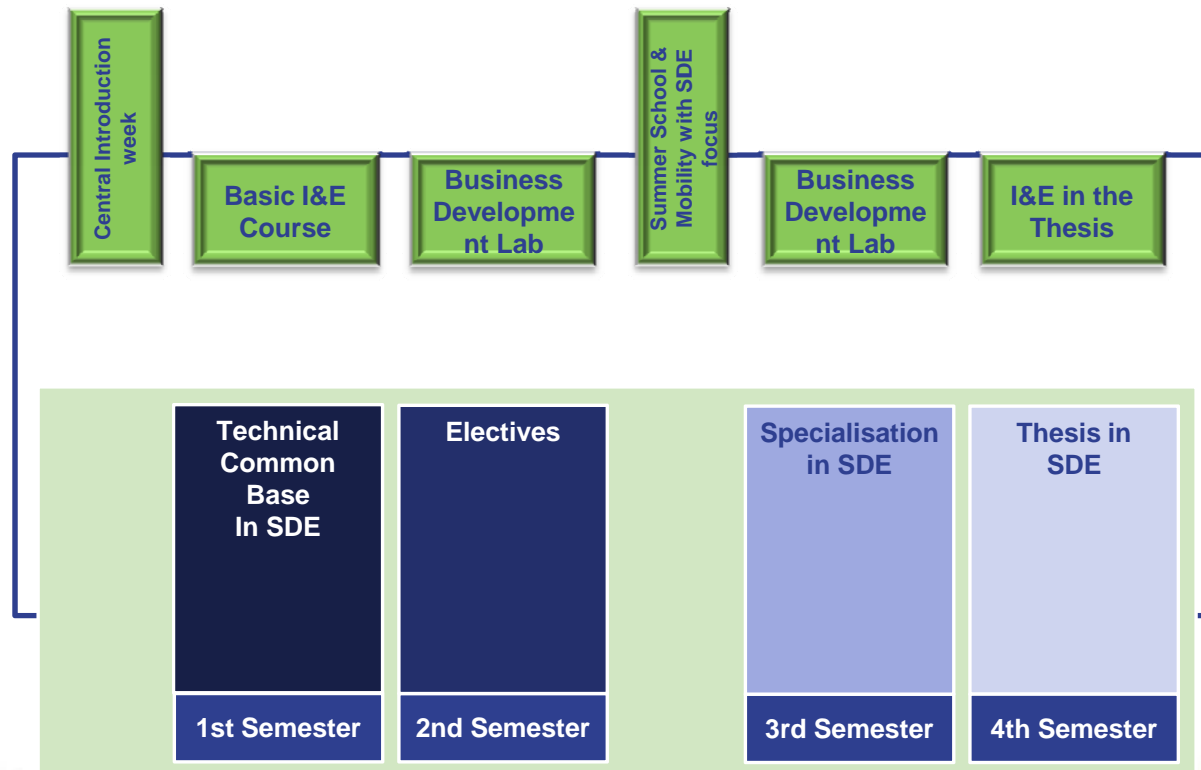
Education Example: SDE Master Program



I&E Module for
M.Sc. Programs

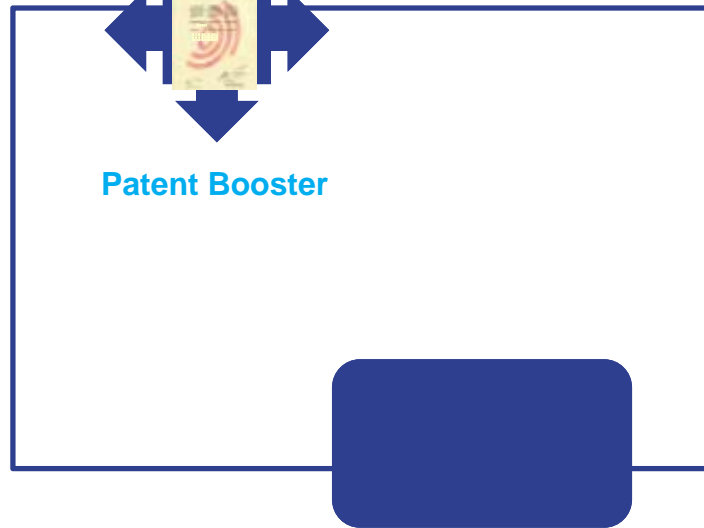
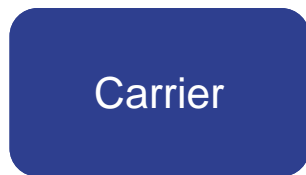
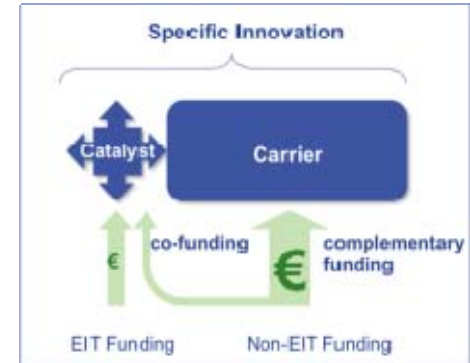


Technical SDE
M.Sc. Program





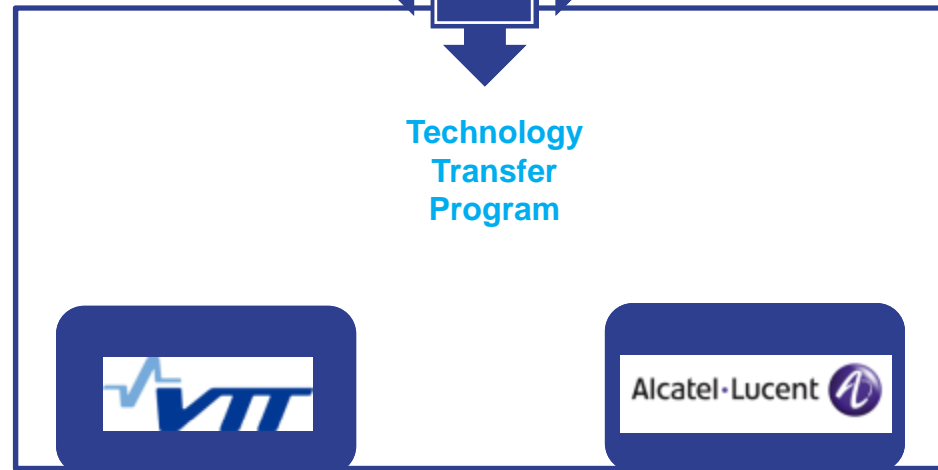
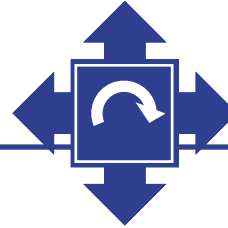
Research Example: Patent Booster



Research Project



Business Example: Technology Transfer Program





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	Mobility Program foster inter-node and inter-domain educators, researchers and innov
Activity Management lead an activity towards its objectives	Project Proposal catalyse ERB carriers matching our strategy	

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 industry New
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 Programs align the content M.Sc. programs with New

Research Catalysts

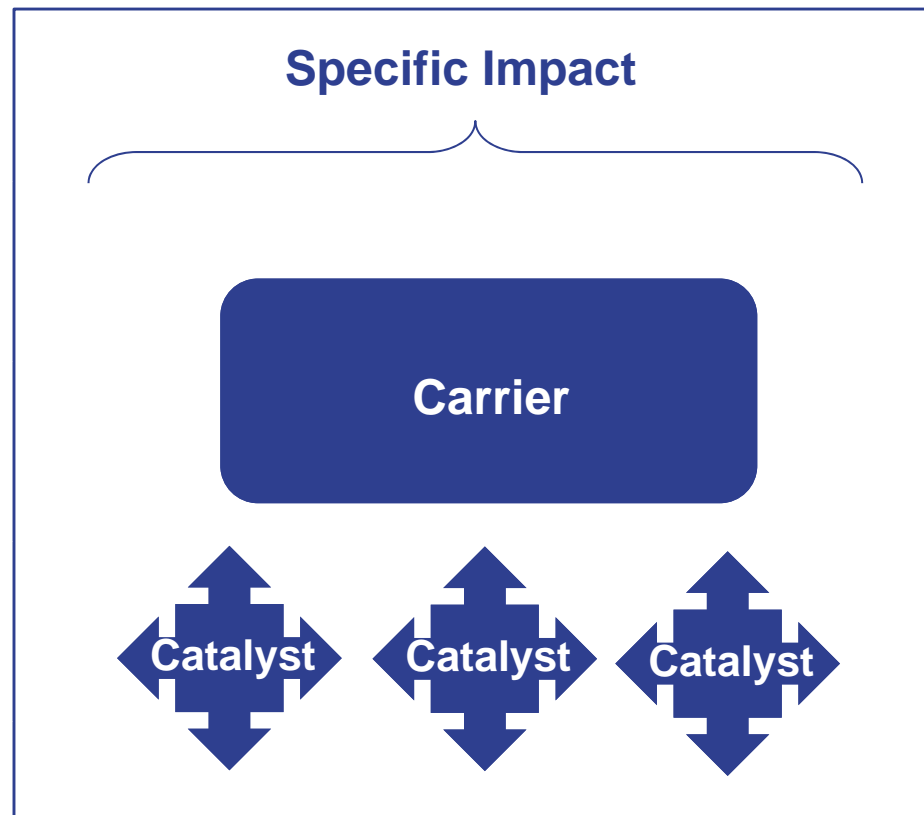
Open Source Booster catalyse industrial take-up of open source flagship projects
Patent Booster intensify creation of new patents
Test Beds, Testing Platforms & Simulation Tools integrate joint hardware or software platforms to experiment and validate technologies or applications
Experience & Living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

Business Catalysts

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

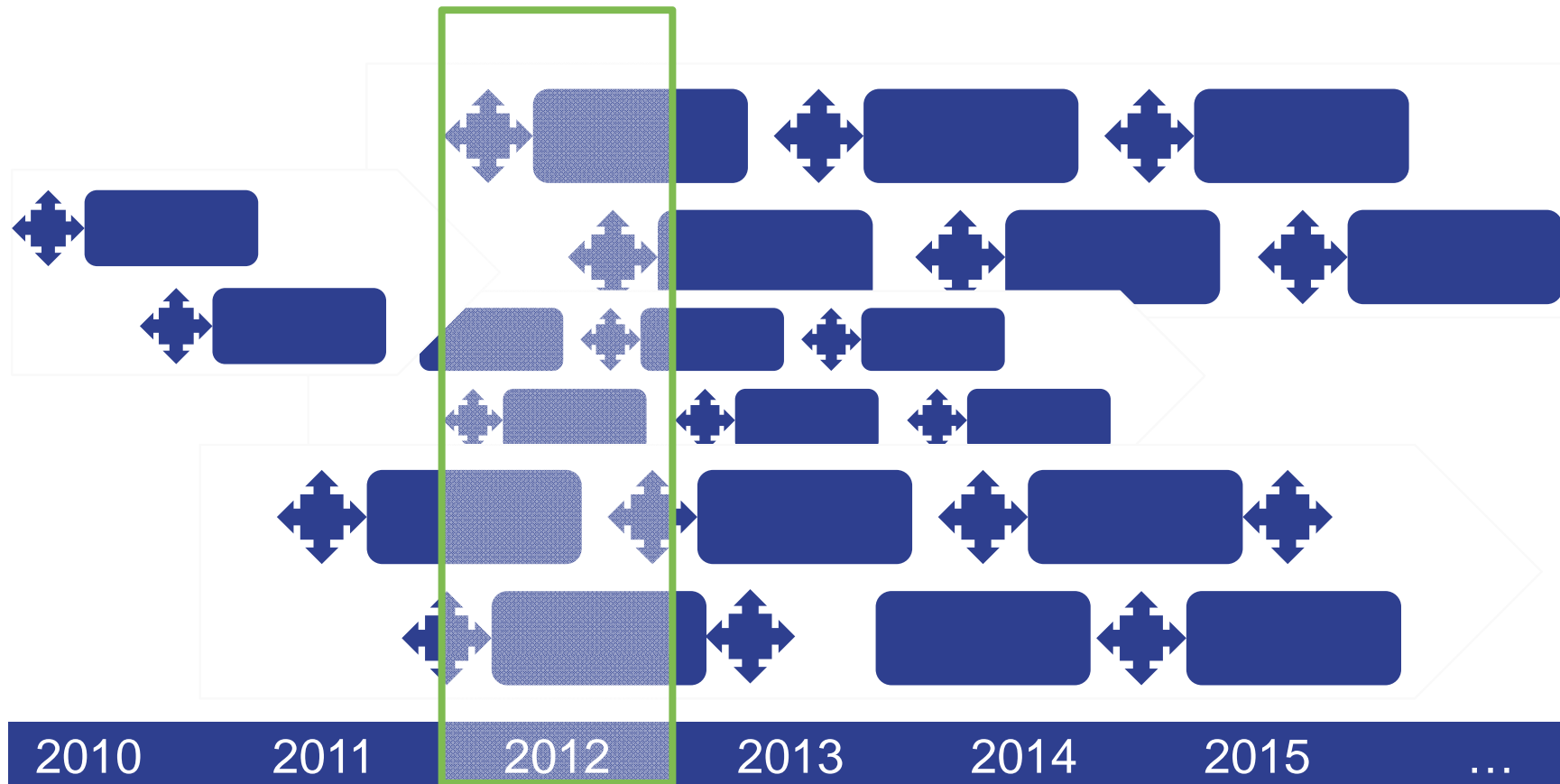


CARRIER FIRST for IMPACT





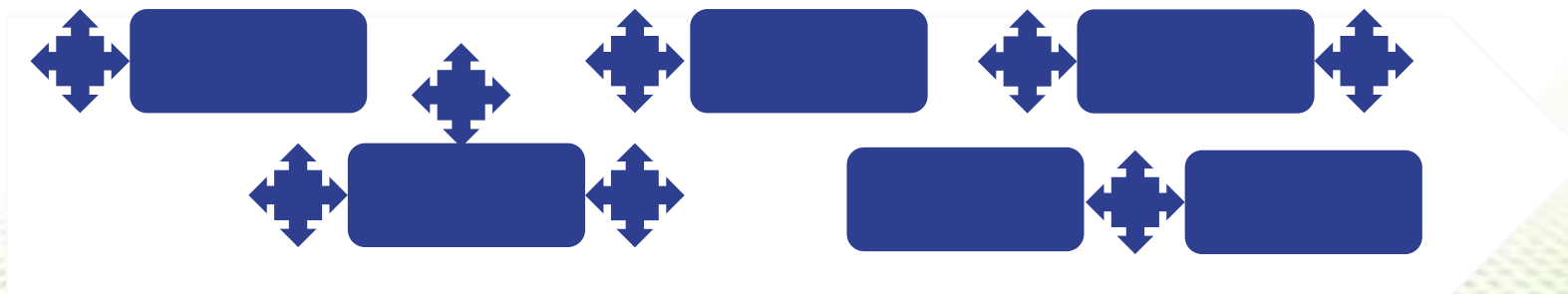
Our multi-year plan consists of focussed action lines





An Action Line is an Opportunity Portfolio around a specific theme

- a **strategic goal** and **priority themes** that contribute to the ICT Labs strategy
- a thematically coherent **set of innovation opportunities** contributing to the priorities
- a major and quantifiable **innovation impact** traced via Performance Indicators
- a European dimension **involving multiple ICT Labs Nodes**
- an **Action Line Leader** who manages the activities within the Action Line





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

Innovating for smart energy management & green ICT

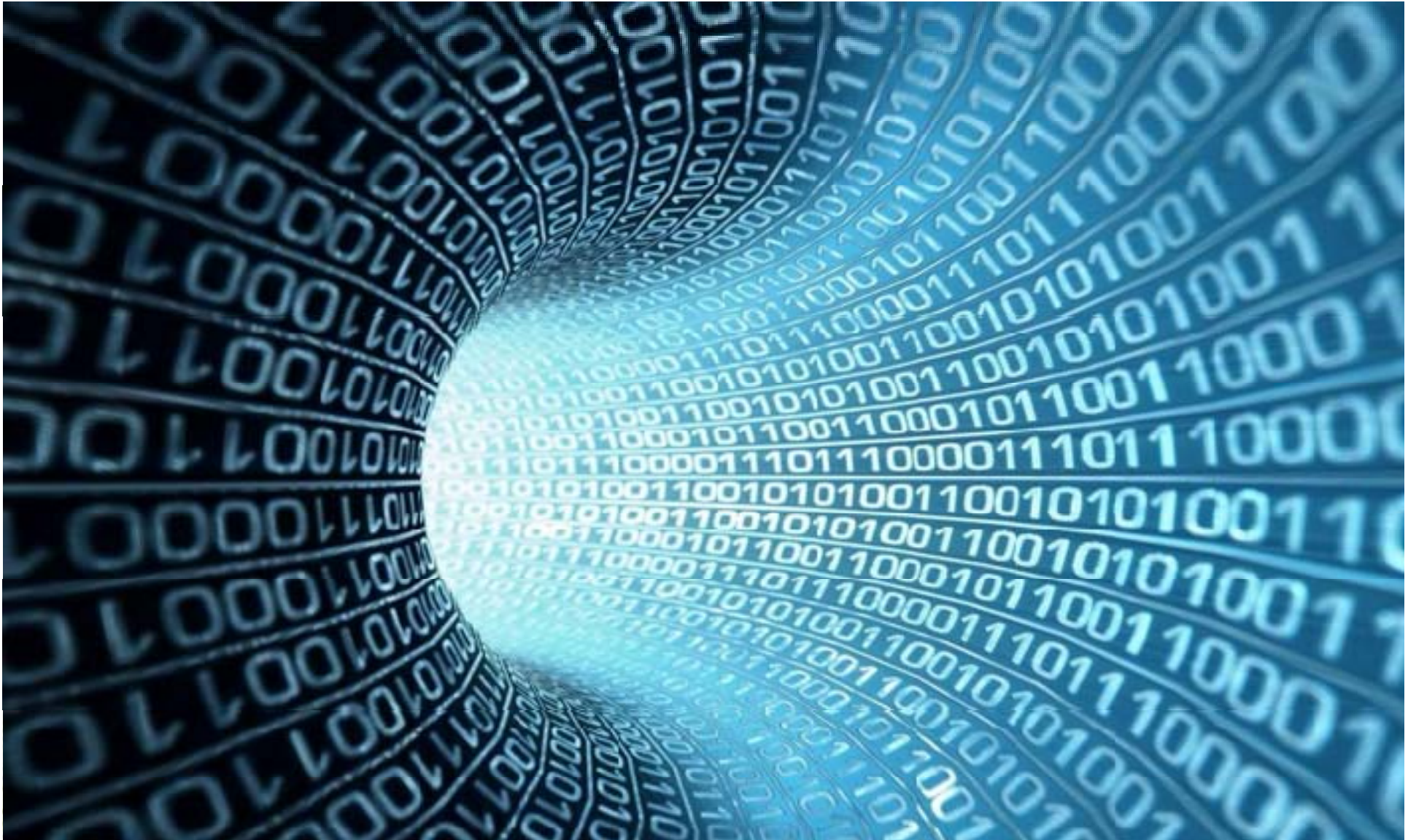


Innovating for Smart Spaces

















The Big Data Challenge



Co-location Centres are vibrant meeting places for game changers



Berlin	Eindhoven	Helsinki	Paris	Stockholm	Trento
					
					

ICT LABS Trento Node: Just started, already kicking....



ICT LABS Trento Node:

Just started, already kicking....



Industry



Institutions



Academia



Start Ups

EIT ICT Labs @Italy

Affiliated Partners





The Tip of The Iceberg

There's an Ocean to Conquer

Systemic effects on
technology convergence and society

 **Quality of Life**

Effects on economic growth
and consumption patterns

 **5-8%**

Applications

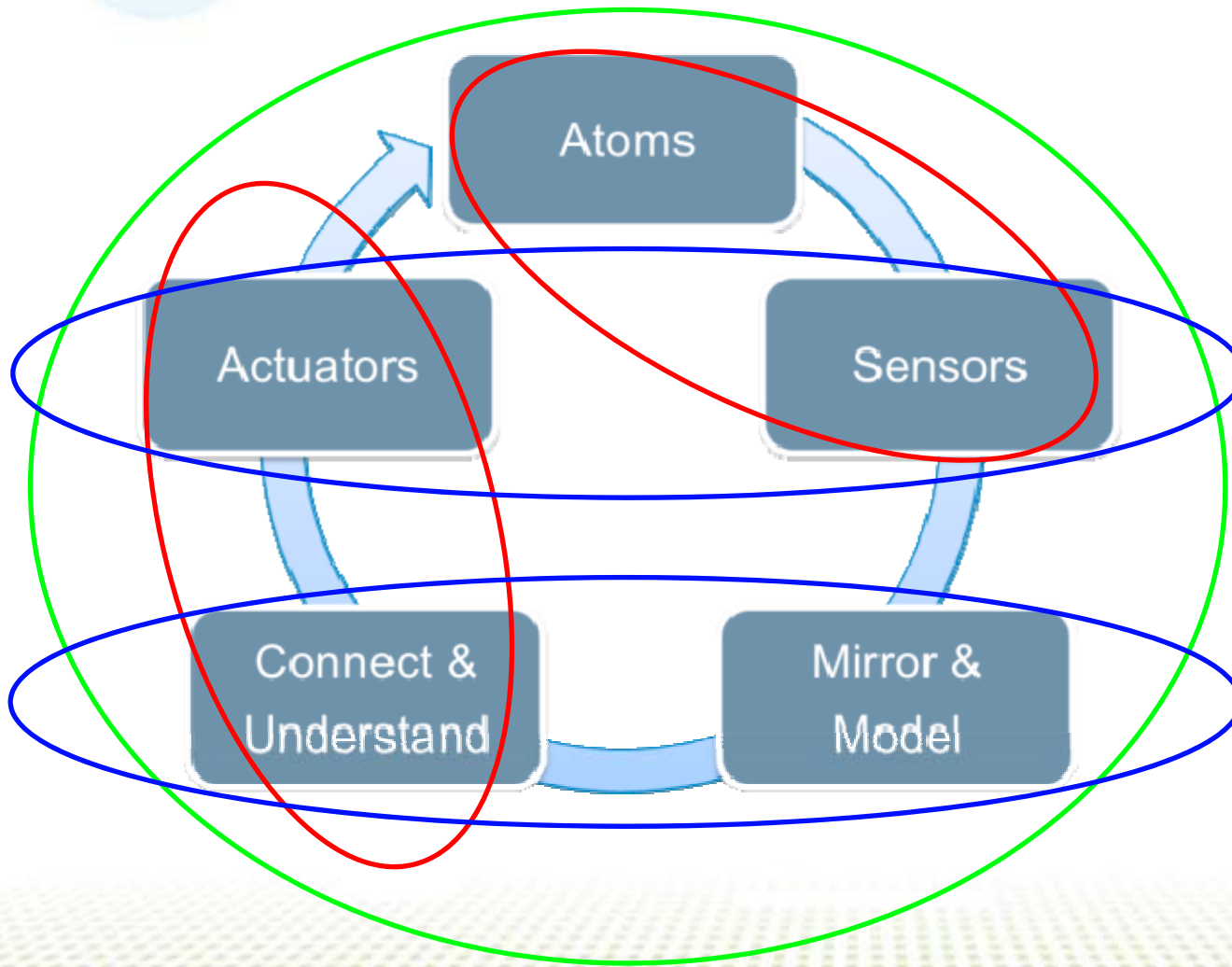
 **2%**

ICT
infrastructure
and devices

 **2%**



Fostering Innovation in Italy The Virtuous Circle



-  Regulation Institutions
-  Research Industry/Acad
-  Innovation Education



Early Take Away

How to become an Ecosystem ?



Create a feeling of belonging

A common fabric made of Partners



Drive the local Ecosystem

A Cog in the Territory



Integrate in the European Context

Hub and Spoke



Walk the Talk

Practice the Triangle



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

Interested in entrepreneurial ICT education?





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



Supporting New Business Creation





Our Research Strategy promotes an industry-driven research agenda



EIT ICT Labs Research Strategy

Develop research **results** ready for exploitation

Connect and involve **top** researchers

Embed **entrepreneurial** research in our Action Lines

Testbeds for European scale experiments





www.eit.ictlabs.eu

The screenshot shows the EIT ICT Labs website homepage. At the top is a navigation bar with links for ICT LABS, ACTION LINES, EDUCATION, RESEARCH, and BUSINESS. Below this is a main banner with the text "Knowledge & Innovation Community" and "Turn Europe into a global leader in ICT Innovation". To the right of the banner is a "EIT ICT Labs Master School" button. Below the banner are three featured sections: "Summer Schools" with a photo of a group of people, "Action Lines" with a collage of images, and "Annual Report" with a document icon. To the right of these is a video player titled "What is the EIT ICT Labs all about? An interview with the CEO Prof. Dr. Willem Jonker." Below the featured sections are two news articles. The first article is titled "Startup Telcred opens doors to Stockholm CLC with innovative NFC access control system" and includes a photo of a man speaking. The second article is titled "EIT ICT Labs and FI-PPP signing Memorandum of Collaboration on 21 June 2012" and includes a photo of a group of people signing a document. To the right of the news articles are two sections: "Events" and "News". The "Events" section lists several upcoming events, including "EIT ICT LABS SMART ENERGY SUMMER SCHOOL IN LONDON/KARLSRUHE" and "PATENT BOOSTER TRAINING SESSION, SEPT 25, STOCKHOLM". The "News" section lists a recent news item: "EIT ICT LABS AND FI-PPP SIGNING MEMORANDUM OF COLLABORATION ON 21 JUNE 2012".

ICT LABS ACTION LINES EDUCATION RESEARCH BUSINESS

Your Location: Home

Knowledge & Innovation Community

Turn Europe into a global leader in ICT Innovation

EIT ICT Labs Master School

Summer Schools Action Lines Annual Report

What is the EIT ICT Labs all about? An interview with the CEO Prof. Dr. Willem Jonker.

more videos

Startup Telcred opens doors to Stockholm CLC with innovative NFC access control system

As of June 2012 the startup company Telcred provides a service where those who want to enter the Co-location Centre are able to receive a digital ticket straight to their phone, granting

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

Events

view all 1/1 6

- 01. Sep 2012 EIT ICT LABS SMART ENERGY SUMMER SCHOOL IN LONDON/KARLSRUHE
- 01. Sep 2012 IMAGINE THE FUTURE IN ICT - EIT ICT LABS DOCTORAL SUMMER SCHOOL
- TODAY
- 21. Jun 2012 PATENT BOOSTER TRAINING SESSION, SEPT 25, STOCKHOLM
- 18. Jun 2012 CROWDCOM 2012, STOCKHOLM JUNE 18-20
- 07. Jun 2012 WORKSHOP "MEDIATING PRESENCE"

News

view all 1/1 6

- 21. Jun 2012 EIT ICT LABS AND FI-PPP SIGNING MEMORANDUM OF COLLABORATION ON 21 JUNE 2012

Annual Report 2011

EIT ICT Labs' ANNUAL REPORT 2011 is now published!

Wednesday, 25. April 2012



We're proud and pleased to present the first Annual Report of EIT ICT Labs. This report provides a summary of activities carried out in 2011 and reflects the strong commitment given to innovations and provides a comprehensive overview of our operations, governance and financial situation.

-  [EIT ICT Labs Annual Report 2011 Booklet \(Read Online\)](#) - 4.2 MB
-  [EIT ICT Labs Annual Report 2011 Booklet \(Print Version\)](#) - 4.3 MB
-  [EIT ICT Labs Annual Report 2011 DIN-A4 \(Print Version\)](#) - 4.6 MB



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