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

Knowledge
Talent

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

Europe-wide entrepreneurial ecosystem
Our Co-location Centres are fully operational and our ecosystem is extending.
Our core strategy builds on thought leadership in ICT innovation, created and reinforced by the innovation cycle.

- **Knowledge triangle** thought leaders, strategy, brand, innovation radar
- **Set the agenda**
- **Mobilize the ecosystem**
- **Deliver and assess results**
- **Execute via partners**
- **Involving excellence, business planning, Catalyst-Carrier model**
- **Innovations, education programs, business creation**
- **Action lines, co-location centres, ecosystem infrastructure**
The Catalyst-Carrier model is key in our approach

Specific Innovation

Catalyst

Carrier

EIT Funding

Non-EIT Funding

co-funding

complementary funding

€

€
# Common Catalysts

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

## Education Catalysts

<table>
<thead>
<tr>
<th>I &amp; E Education for MSc Programs</th>
<th>I &amp; E Education for PhD Programs</th>
<th>Professional Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>integrate robust entrepreneurship education for EIT ICT Labs M.Sc. programs</td>
<td>integrate robust entrepreneurship education for EIT ICT Labs doctoral programs</td>
<td>provide professional training to industry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Doctoral Training Centre</th>
<th>Quality Assurance and Accreditation</th>
<th>Summer and Winter Schools and Camps</th>
</tr>
</thead>
<tbody>
<tr>
<td>integrate doctoral training with industry</td>
<td>assure quality of educational programs</td>
<td>provide intensive educational events</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Mobility</th>
<th>Thematic Alignment of Technical Majors</th>
<th>Standards Booster</th>
</tr>
</thead>
<tbody>
<tr>
<td>coordinate student mobility</td>
<td>align the content M.Sc. programs with SIA</td>
<td>foster impact and ensure sustainability results</td>
</tr>
</tbody>
</table>

## Research Catalysts

<table>
<thead>
<tr>
<th>Open Source Booster</th>
<th>Patent Booster</th>
<th>Test Beds, Testing Platforms &amp; Simulation Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>catalyse industrial take-up of open source flagship projects</td>
<td>intensify creation of new patents</td>
<td>integrate joint hardware or software platforms to experiment and validate technologies or applications</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Experience &amp; Living Labs</th>
<th>Standards Booster</th>
<th>Entrepreneurial Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>test and modify product and service designs with real users and use contexts</td>
<td>foster impact and ensure sustainability results</td>
<td>stimulate entrepreneurial research in community</td>
</tr>
</tbody>
</table>

## Business Catalysts

<table>
<thead>
<tr>
<th>Innovation Radar</th>
<th>Strategic Coaching</th>
<th>Access to Finance</th>
</tr>
</thead>
<tbody>
<tr>
<td>create business intelligence of the future</td>
<td>coach start-ups towards growth strategies</td>
<td>ensure capital availability for all stages</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technology Transfer</th>
<th>Technology Scouting</th>
<th>Business Modelling</th>
</tr>
</thead>
<tbody>
<tr>
<td>increase the flow of technologies from academia to companies</td>
<td>seek opportunities for business incubation</td>
<td>provide techno-socio-economical models for a business domain</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entrepreneurial Talent Scouting</th>
<th>Soft Landing</th>
<th>Standards Booster</th>
</tr>
</thead>
<tbody>
<tr>
<td>link entrepreneurs to innovators</td>
<td>help SME’s to grow to European level</td>
<td>foster impact and ensure sustainability results</td>
</tr>
</tbody>
</table>

## New Catalysts

<table>
<thead>
<tr>
<th>Innovation Radar</th>
<th>Strategic Coaching</th>
<th>Access to Finance</th>
</tr>
</thead>
<tbody>
<tr>
<td>create business intelligence of the future</td>
<td>coach start-ups towards growth strategies</td>
<td>ensure capital availability for all stages</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technology Transfer</th>
<th>Technology Scouting</th>
<th>Business Modelling</th>
</tr>
</thead>
<tbody>
<tr>
<td>increase the flow of technologies from academia to companies</td>
<td>seek opportunities for business incubation</td>
<td>provide techno-socio-economical models for a business domain</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entrepreneurial Talent Scouting</th>
<th>Soft Landing</th>
<th>Standards Booster</th>
</tr>
</thead>
<tbody>
<tr>
<td>link entrepreneurs to innovators</td>
<td>help SME’s to grow to European level</td>
<td>foster impact and ensure sustainability results</td>
</tr>
</tbody>
</table>
Education Example: SDE Master Program

1st Semester
- Technical Common Base in SDE

2nd Semester
- Electives

3rd Semester
- Specialisation in SDE

4th Semester
- Thesis in SDE

Catalyst
I&E Module for M.Sc. Programs

Carrier
Technical SDE M.Sc. Program

Specific Innovation
- Co-funding
- Complementary funding

EIT Funding
Non-EIT Funding
Research Example: Patent Booster
EIT ICT Labs has a business like operation with a focused management agenda.

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 the means to succeed in its mission.

- Marketing & Communications
  - Launch and establish the EIT ICT Labs brand by focused internal and external 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 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.
Achievements 2011

some figures

- 5 technology transfers
- 4 new ventures
- 32 test beds, technologies, demos, tools
- 12 new products or services
- 630 externals in CLC events
- 283 students in summer schools
- 60 publications
- 7 EIT labeled MSc programs
- 12 standards contributions
- 21 startups / SMEs coached
Our Research activities start delivering on pan-European experimentation infrastructures and exploitable results.
Our Business activities start delivering on Start-ups, SMEs and Technology Transfers
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
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
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

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.