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

Strategy Components
- ERB Triangle
- Pan-European Eco-system
- Societal Challenges

Foundation
- EIT brand
- Longevity
- Funding Model
- Run like a Company

Excellence & Talent

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

Open Innovation Ecosystem
Impact
Trusted Core Innovation Partner

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

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

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

Specific Innovation

Catalyst  Carrier

co-funding  complementary funding

EIT Funding  Non-EIT Funding
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
Research Example: Patent Booster
Business Example: Technology Transfer Program

Technology Transfer Program

Carrier

Technology at VTT

Business Unit at Alcatel Lucent
## Catalysts 2013

### Common Catalysts

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

### Education Catalysts

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

### Research Catalysts

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

### Business Catalysts

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovation Radar</td>
<td>create business intelligence of the future</td>
</tr>
<tr>
<td>Strategic Coaching</td>
<td>coach start-ups towards growth and scale</td>
</tr>
<tr>
<td>Access to Finance</td>
<td>ensure capital availability for all stage</td>
</tr>
<tr>
<td>Technology Transfer</td>
<td>increase the flow of technologies from academia to companies</td>
</tr>
<tr>
<td>Technology Scouting</td>
<td>seek opportunities for business incubation</td>
</tr>
<tr>
<td>Business Modelling</td>
<td>provide techno-socio-economical mapping for a business domain</td>
</tr>
<tr>
<td>Business Talent Scouting</td>
<td>link entrepreneurs to innovators</td>
</tr>
<tr>
<td>Soft Landing</td>
<td>help SME’s to grow to European level</td>
</tr>
<tr>
<td>Entrepreneurial Talent Scouting</td>
<td>link entrepreneurs to innovators</td>
</tr>
<tr>
<td>Thematic Alignment of Technical Majors</td>
<td>align the content M.Sc. programs with</td>
</tr>
<tr>
<td>Quality Assurance and Accreditation</td>
<td>assure quality of educational programs</td>
</tr>
<tr>
<td>Summer and Winter Schools and Camps</td>
<td>provide intensive educational events</td>
</tr>
<tr>
<td>Student Mobility</td>
<td>coordinate student mobility</td>
</tr>
<tr>
<td>Standards Booster</td>
<td>foster impact and ensure sustainable results</td>
</tr>
<tr>
<td>Entrepreneurial Research</td>
<td>stimulate entrepreneurial research in the community</td>
</tr>
</tbody>
</table>
CARRIER FIRST for IMPACT

Specific Impact

Carrier

Catalyst

Catalyst

Catalyst
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

Lynda Hardman
ICT-mediated Human activity

Holger Pfeifer
Cyber-Physical Systems

Petri Liuha
Smart Spaces
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....
The Tip of The Iceberg
There’s an Ocean to Conquer
Fostering Innovation in Italy
The Virtuous Circle

- Atoms
- Actuators
- Connect & Understand
- Mirror & Model
- Sensors
- Innovation
- Education
- Regulation
- Institutions
- Research
- Industry/Acad
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

<table>
<thead>
<tr>
<th>EIT ICT Labs Education Strategy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breed and attract <strong>top talent</strong> via our Master and Doctoral School</td>
</tr>
<tr>
<td><strong>Establish our brand</strong> in entrepreneurial ICT education</td>
</tr>
<tr>
<td>Expand into <strong>life-long</strong> entrepreneurial ICT education based on our Action Lines</td>
</tr>
</tbody>
</table>

[Image: Graduates in graduation caps and gowns, representing MSc and PhD programs for Master School and Doctoral School.]
Interested in entrepreneurial ICT education?
Our Business Strategy aims to strengthen industry leadership

<table>
<thead>
<tr>
<th>EIT ICT Labs Business Strategy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support <strong>large industries</strong> by offering top talent and technology</td>
</tr>
<tr>
<td>Support <strong>SMEs</strong> in growth strategies and access to customers</td>
</tr>
<tr>
<td>Support <strong>start-ups</strong> by offering business expertise and access to finance</td>
</tr>
<tr>
<td>Become a <strong>preferred innovation supplier</strong> building on expertise in our Action Lines</td>
</tr>
</tbody>
</table>
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
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 them access.

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 EIIs Future Internet Public-Private Partnership (FI-PPP) will be signed 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