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EIT ICT Labs





Men at work

EIT ICT Labs Catalyst Tutorial 2013

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Version 1.0, 29.3.2012



Introduction

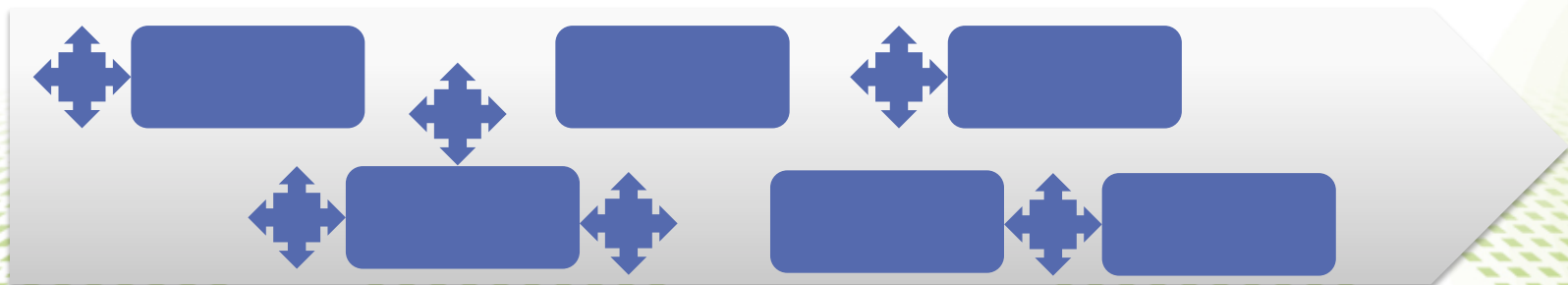
- The Catalyst Tutorial is a part of the Guidelines for the Call of Activities 2013
- The Catalyst Tutorial will explain ...
 - the catalyst – carrier model and the action lines
 - the activity nomenclature and how catalysts can be combined with carriers
- And for each catalyst ...
 - its innovation objective and expected impact
 - the expected output(s) and Performance Indicators
 - the added value: what specific work will be covered
 - how and by whom the catalyst is intended to be used
 - which costs will be funded and how large grants are anticipated
- *Please note that budget figures (where shown) are only offered as a guideline, and do not express a firm commitment from EIT ICT Labs*



Action Lines

An Action Line has

- ... a strategic goal that contributes to the overall ICT Labs strategy
- ... a major and quantifiable innovation goal traced with KPI's
- ... priority themes for making progress towards the goal
- ... a coherent set of activities contributing to the priorities
- ... an action line leader reporting to and coached by a member of the MC
- ... European dimension involving multiple ICT Labs Nodes

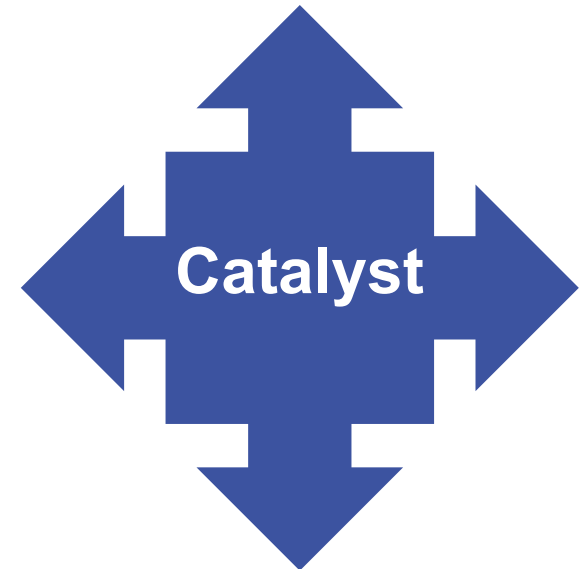




Catalysts

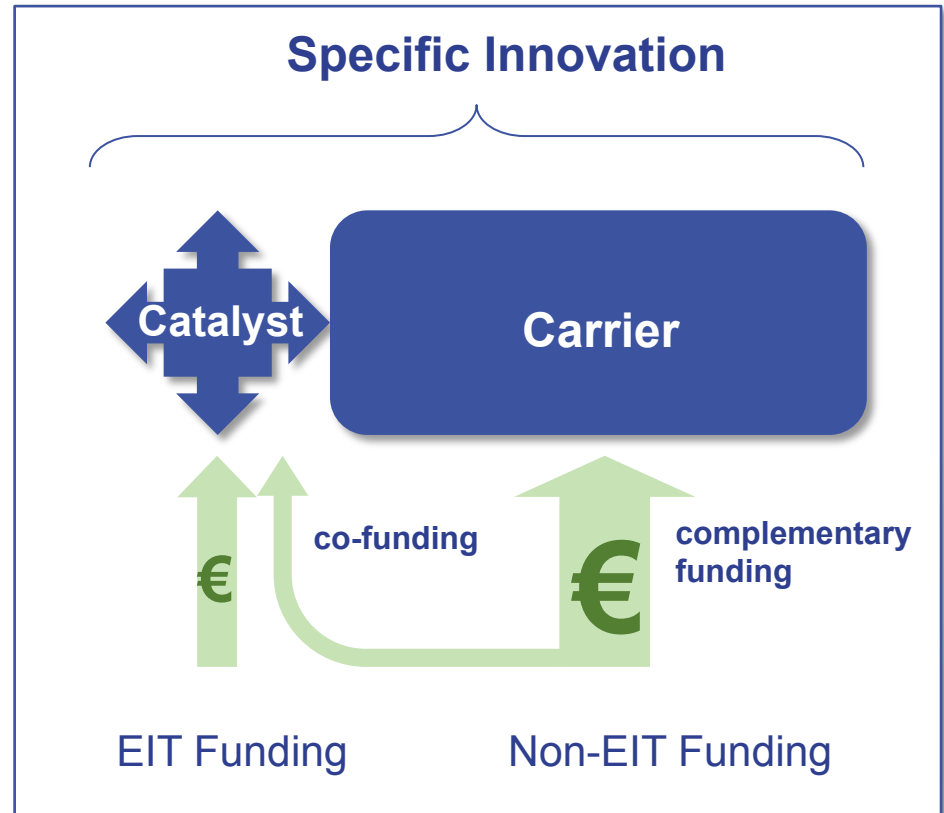
A Catalyst has

- ... an innovation objective that contributes to the EIT ICT Labs strategy
- ... clear output(s)
- ... clear definition of the added value
- ... quantitative Performance Indicators
- ... a specific budgeting model indicating which costs can be funded by EIT
- ... a lead responsible of defining the catalyst and guiding its use

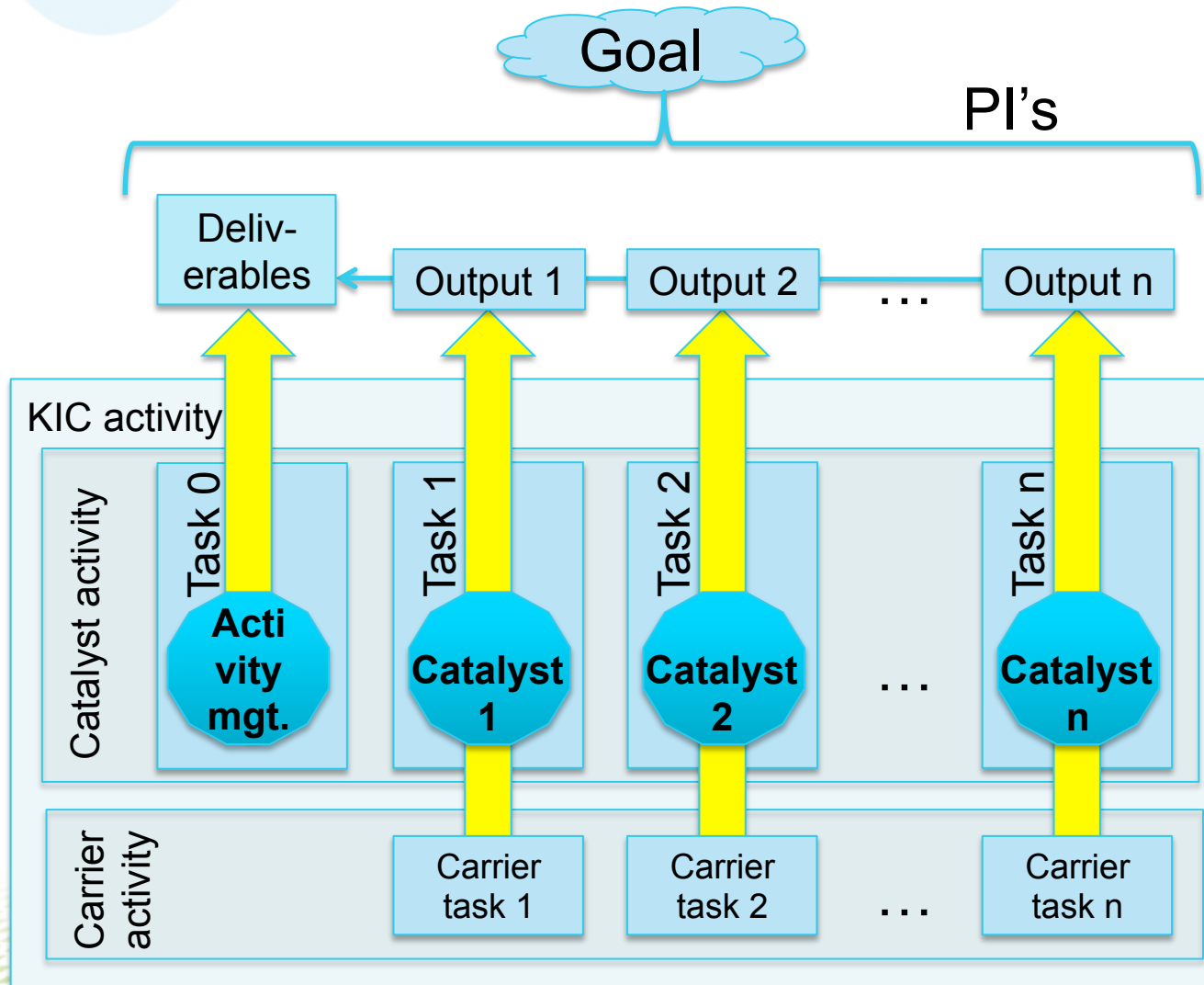


Catalysts and Carriers

- Activities apply catalysts to carriers to produce specific outputs and achieve a Specific Innovation
- An activity with multiple partners consists of several tasks aimed at a joint objective where partners apply catalysts to carriers
- Catalyst applications should take place or have a clear presence at co-location centres



What is an activity made of?



Performance indicators track progress towards the overall impact goal.

Activity deliverables summarize / embody the per-task outputs at KIC activity level.

Catalysts are applied to carriers to produce specific outputs.

Catalyst tasks are funded by EIT + co-funding from national sources, partners own resources, 3rd parties. Management task is up to 100% EIT-funded.

Carrier tasks are funded by complementary funding from EU, national sources, partners own resources, 3rd parties.

Three Kinds of Catalysts

- Some catalysts are offered as a **tool** to be applied and funded by the target activities directly
- Others are offered as a **service** by a directly funded KIC-level catalyst activity also responsible on catalyst definition, assessment and evolution
- Some catalysts are offered in **coordinated tool** mode; in this case, a coordination activity monitors and facilitates the application activities





Role of Catalyst Lead

- 1. Catalyst as **tool**
 - Give advice to proposers, monitor catalyst use, identify best practices, extract lessons learned, evaluate, propose evolution to the responsible ERB Director

- 2. Catalyst as **service**
 - +Provide the service, “own the activity”

- 3. Catalyst as **coordinated tool**
 - + Coordinate catalyst use, “own the process”





Catalyst Nomenclature

One-liner on the catalyst for public use, WWW, etc.



Catalyst lead
N.N.

EIT ICT Labs
n.n@ictlabs.eu

Innovation goal / impact: The intended impact of the catalyst output(s)

Output(s): The concrete artefact(s) (products, services, processes, documents, events, ...) directly created by the catalyst

Definition of added value: Description of the work intended to be done under the catalyst and its added value. What will be achieved that would not otherwise happen?

Performance indicators: Concrete metrics of progress towards the innovation goal / impact

Intended use: The intended way and context of use of the catalyst. Who can be a recipient of the grant? What is the carrier?

EIT funding: Structure and size of a typical EIT grant





Catalysts 2013

Click on any catalyst for details

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	

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 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 align the content M.Sc. programs w New

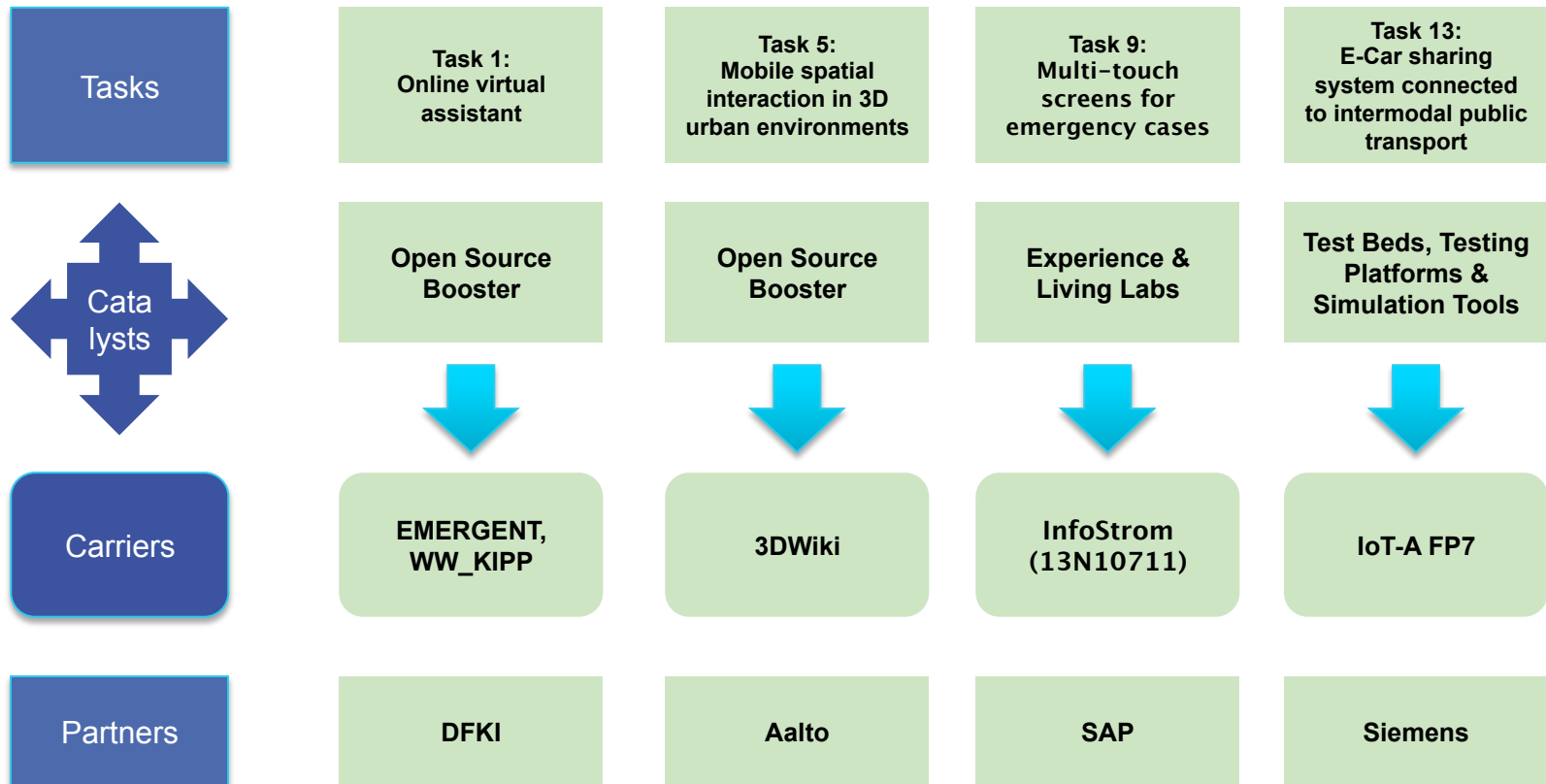
Research Catalysts

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 through standards New
Entrepreneurial Research stimulate entrepreneurial research in research community New

Business Catalysts

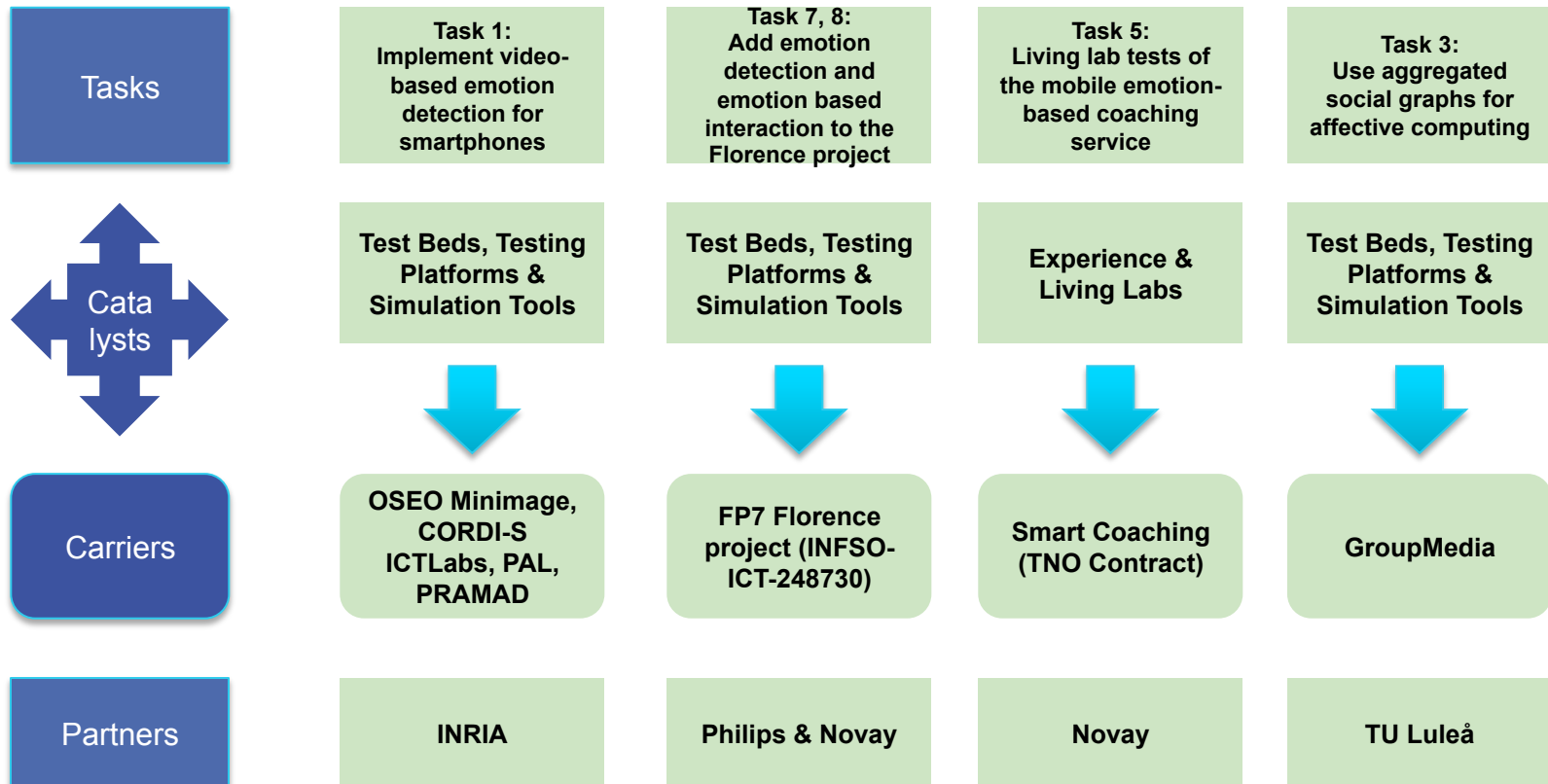
Innovation Radar create business intelligence of the future
Strategic Coaching coach start-ups towards growth Updated
Access to Finance ensure capital availability for all Updated
Technology Transfer increase the flow of technologies from academia to companies
Technology Scouting seek opportunities for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

Example Activity: TDCT 12117 HCI Tech for Digital Cities



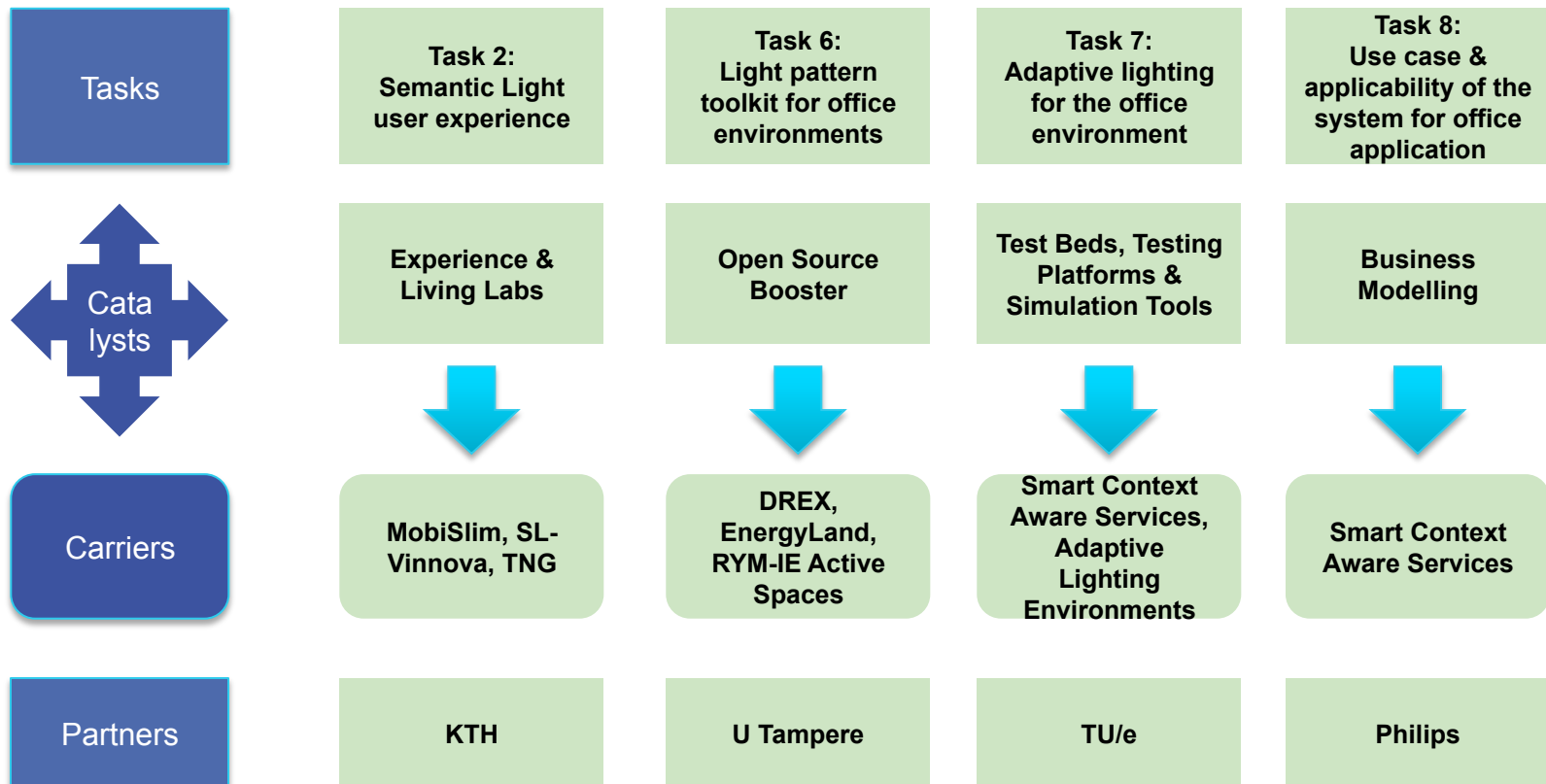
- Further partners TU Luleå, FBK, TU Berlin, INRIA with their own carriers and tasks; further tasks include “Meetings, Workshops & Conferences” for an open workshop and “Project Proposal” for preparing a joint carrier

Example Activity: THWB 12100 Affective Computing



- Further tasks include also “Researcher Mobility Program” for researcher mobility between partners

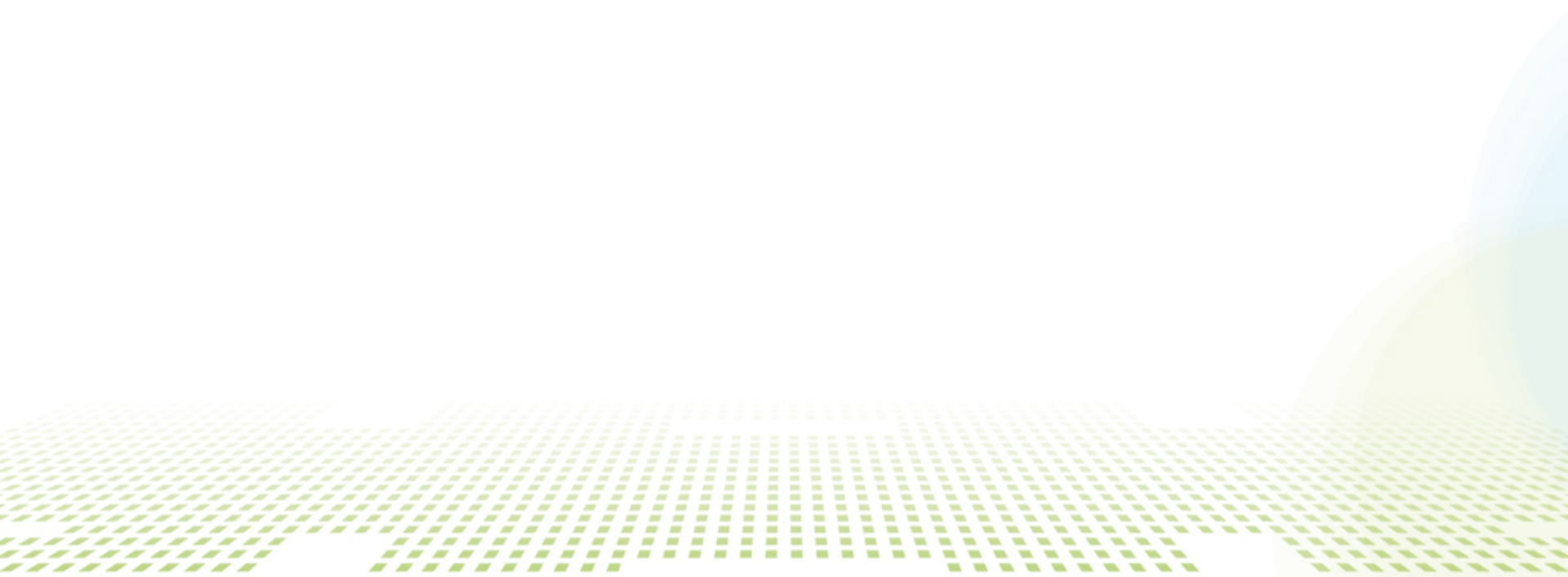
Example Activity: TSSP 12202 Semantic Lighting



- Further tasks include additional instances of experience and living labs and testbed catalysts



Catalyst Descriptions





Common Catalysts



KIC Management

Lead the EIT ICT Labs towards a leading force in ICT innovation in Europe



Catalyst lead
Willem Jonker
EIT ICT Labs

willem.jonker@ictlabs.eu

Innovation goal / impact: Make EIT ICT Labs a recognized leader in ICT innovation

Output(s): SIA, Business Plan, KIC Report, KIC-level events, KIC-level marketing and communications

Definition of added value: The catalyst covers the work of the KIC central management (CEO, CSO, COO, KIC office, ERB Directors, MarCom Director)

Performance indicators: KPI's of EIT ICT Labs performance scorecard

Intended use: One KIC-level activity

EIT funding: whatever it takes





Action Line Management

Lead the work of an action line towards its goals and performance indicators in alignment with EIT ICT Labs strategy



Catalyst lead
Martti Mäntylä
EIT ICT Labs
mam@ictlabs.eu

Innovation goal / impact: Realization of the goals and performance scorecard of the action line

Output(s): 3-month progress reports, KPI reports, final report and executive summary of the action line

Definition of added value: Covers the management of an action line by the action line leader

Performance indicators: Defined in the action line's performance scorecard

Intended use: A task in the action line management activity

EIT funding: Real cost up to 80 k€ / a covering the personnel, travel, and other costs of the action line leader





Activity Management

Lead the work of an activity towards its objectives and performance indicators in alignment of the action line strategy



Catalyst lead
Martti Mäntylä
EIT ICT Labs
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Innovation goal / impact: Realization of the objectives and performance scorecard of the activity

Output(s): 3-month progress reports, KPI reports, final report and executive summary of the activity, consolidated deliverables summarizing / encapsulating task outputs

Definition of added value: Covers management and reporting of the activity by the activity leader

Performance indicators: Defined in the activity plan

Intended use: The management task (T00) of the activity

EIT funding: Real cost up to 20 k€ / a covering the personnel, travel, and other costs of the activity leader





Updated



Co-location Centres

Lead nodes and CLC's towards world-class innovation hotspots



Catalyst lead
Martti Mäntylä
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Innovation goal / impact: Make EIT ICT Labs nodes and Co-location Centres world-class innovation hotspots

Output(s): Node activity report + executive summary describing the progress and the achieved KPI

Definition of added value: Covers the management of a node and its Co-location Centre, including developing concepts, processes, tools and best practices for facilitating the utilization of the CLC and creating added value to the KIC and the partners

Performance indicators: # people working daily in CLC's, mobility between CLC's (geographical, organizational), external visibility of CLC's

Intended use: One activity per node covering the node personnel and the CLC expenses

EIT funding: Real cost up to 800 k€ / a per node





Project Proposal

Catalyze new education, research, or business carriers matching EIT ICT Labs strategy and benefiting from EIT ICT Labs catalysts



Catalyst lead
Martti Mäntylä
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Innovation goal / impact: Catalyze the development of new education, research, or business carrier projects matching EIT ICT Labs strategy and maximising added value

Output(s): Project proposals

Definition of added value: Ensure that EIT ICT Labs labelled project proposals submitted to programs in education (Erasmus Mundus, Marie Curie, ...), research (FP, ITEA, Artemis, ...), or business (CIP, ...), fit with EIT ICT Labs strategy and make good use of EIT ICT Labs catalysts especially in their valorisation and exploitation plans.

Performance indicators: # successful proposals created, € complementary funding catalysed

Intended use: Per-proposal tasks covering the work and other expenses of planning the use of EIT ICT Labs catalysts on top of a new carrier

EIT funding: Real cost up to 10 k€ / proposal





Mobility Program

Catalyse inter-node and inter-domain mobility of educators, researchers and innovators

Updated



Catalyst lead
Martti Mäntylä
EIT ICT Labs
mam@ictlabs.eu

Innovation goal / impact: Foster world-class innovation by inter-node and inter-domain mobility of educators, researchers, engineers, and innovators

Output(s): Visit reports

Definition of added value: The mobility program activities must be linked with a carrier connected to other catalysts. Support is given especially to activities fostering mobility between academia and industry, whilst drawing upon the benefits offered by the Co-location Centres.

Performance indicators: # visits, # visit months

Intended use: Visits connected to an activity

EIT funding: One block grant per action line / activity, covering grants per visit: travel + 1800 € / visit month





Workshops and Conferences

Run joint events to consolidate goals, plan work, share results, create networks, gain visibility of an action line or activity cluster



Catalyst lead
Johanna Gavefalk
EIT ICT Labs
johanna@ictlabs.eu

Innovation goal / impact: Consolidate goals, plan work, share results, create networks, gain visibility, build brand

Output(s): Event report covering the agenda, materials, participants, and main outcomes

Definition of added value: 1-3 day inter-node events approved by and reporting to the Action Line Leads or the Management Committee on the basis of a concept proposal. MarCom coaches event planning and implementation to ensure compliance with EIT ICT Labs brand and style and guarantee high participant experience.

Performance indicators: # workshops, # participants, qualitative participant feedback

Intended use: 2-3 activities/tasks per action line

EIT funding: Grant per event of up to 100 € per day and participant for venue, catering, services, dinner, invited speakers; participants' travel costs excluded





Best-Practice Benchmarking

Understand and integrate global best-practices to create a self-reinforcing innovation ecosystem



Catalyst lead
Ernst Bernard
Siemens

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Innovation goal / impact: Guide EIT ICT Labs by identifying and sharing global best practices

Output(s): Activity reports, benchmark reports

Definition of added value: Identify global best practices in creating and driving self-reinforcing innovation ecosystems; guide KIC operations

Performance indicators: # benchmark studies, available and implemented benchmarking information

Intended use: Benchmarking studies for the whole KIC, action lines, or their main subtopics making use of the benchmarking processes and tools of the catalyst

EIT funding: TBD





Education Catalysts



Innovation & Entrepreneurship Education for Master Programs



Develop and offer robust entrepreneurship education for EIT ICT Labs M.Sc. programs



Catalyst lead
Jan Kratzer
TU Berlin

jan.kratzer@tu-berlin.de

Innovation goal / impact: Execute robust entrepreneurship education at nodes for EIT ICT Labs M.Sc. programs through deep embedding of the I&E educational content with the technical content and utilizing CLC infrastructure for deepen the student exposure and experience on I&E

Output(s): I&E module execution and integration to CLC

Definition of added value: Maintain, execute, and further develop a jointly defined I&E module for M.Sc. programs. Connect the I&E module to CLC total activity pool in student beneficial manner.

Performance indicators: # module implementations, # EIT labelled programs, # ECTS given

Intended use: Per-node module implementation, integration, execution, and evolution activities

EIT funding: Flat fee of 6 k€ / student per year





Thematic Alignment of Technical Majors in Master School

New



Develop and offer robust alignment of the technical content of Master School towards EIT ICT Labs SIA



Catalyst lead
Carl-Gustav Jansson
KTH
cgja@kth.se

Innovation goal / impact: Execute robust technical majors aligned with thematic agenda and SIA of EIT ICT Labs in close interaction with industrial partners.

Output(s): Updates of the 2nd year program offered in technical tracks in Master School. Capstone projects. CDIO usage in tracks. Industrial mentors, internships and external capstone projects.

Definition of added value: Further develop and offer the 2nd year program in the master school towards thematic alignment and SIA of EIT ICT Labs. This can be accomplished with, but not limited, industrial integration to programs, CDIO style curricula development, and larger integrative capstone projects at CLC in co-operation with external stakeholders.

Performance indicators: # aligned 2nd year teaching modules, # involved companies and action lines, # ECTS given

Intended use: Per exit node (2nd year) content alignment with action lines and integration across nodes in close integration with industry.

EIT funding: Real cost up to 40 kE per 2nd year program in cooperation with the industry and relevant action lines. Max 10 tasks in 2013.





Innovation & Entrepreneurship Education for Doctoral Programs



Develop and offer robust entrepreneurship education for EIT ICT Labs doctoral programs



Catalyst lead
Antti Paasio
University of Turku
antti.paasio@utu.fi

Innovation goal / impact: Execute robust entrepreneurship education in PhD programs through close integration of Innovation and Entrepreneurship to PhD research for involved students in DTC's and in other doctoral programs

Output(s): Joint Europe-wide I&E module implementation based on learning by doing

Definition of added value: Individually oriented study work closely integrated to PhD research in MBA style. Jointly planned I&E program of equivalent 30 ECTS courses and 30 ECTS thesis work. Bridge Business Development Lab activities to business catalysts at CLC.

Performance indicators: # I&E module implementations, # students registered, # EIT labelled degrees, # ECTS

Intended use: One KIC-level activity covering all nodes: integration, execution and development of the I&E content; BDL implementation at node level: strong support for the implementation at node level

EIT funding: I&E program execution and doctoral student participation through limited time (3-6 months) scholarships to students, course program funding at KIC level up to 300 k€, and node specific BDL development up to 100 k€ per node





Doctoral Training Centre

Foster joint industrial-academic doctoral training towards an entrepreneurial mind-set and impact



Catalyst lead
Christian Queinnec
UPMC
christian.queinnec@lip6.fr

Innovation goal / impact: Link doctoral studies with industrial research for an entrepreneurial mind-set and innovation in an organized Doctoral Training Centre format

Output(s): Operational DTCs in association with CLC and their support infrastructure for doctoral students involved

Definition of added value: Provide structure and support for a DTC and connect its activities to other CLC activities. Connect doctoral students to extensive interaction and co-operation with industry and research institutes. Thematic focus along the thematic strategy of EIT ICT Labs.

Performance indicators: # DTC, # external stakeholders integrated to DTC operation, # involved doctoral students

Intended use: One grant per DTC towards implementing the centre and its infrastructure and running its operation

EIT funding: Real cost up to 200 k€ per DTC





Quality Assurance and Accreditation

Monitor EIT specific quality criteria in our master and doctoral programmes and other educational activities



Catalyst lead

Hans-Ulrich Heiss

TU Berlin

heiss@tu-berlin.de

Innovation goal / impact: Assure our educational quality by continuously evaluating, benchmarking, and improving our learning outcomes, contents, teaching, and assessment methods. Interfacing with EIT HQ and other KICs on quality assurance and accreditation processes.

Output(s): QA reports, accreditation reports, and related methodologies

Definition of added value: Define and assess learning outcomes for educational programs (I & E and technical) in accordance with the requirements of the EIT label.

Monitoring the overall quality of EIT ICT Labs educational programs for improvements and future developments.

Performance indicators: # accreditations for EIT Label

Intended use: Per-program QA and accreditation activity

EIT funding: Real cost up to 20 k€ / activity





Summer and Winter Schools and Camps

Support intensive educational events with a multidisciplinary and international dimension and a joint ICT Labs touch



Catalyst lead
Hannu Tenhunen
EIT ICT Labs
hannu@kth.se

Innovation goal / impact: Bring systematically together EIT ICT Labs eco-system stakeholders in high-profile EIT ICT Labs branded educational events

Output(s): Event report (program, materials, outcome, participants)

Definition of added value: Thematic schools/camps with integrated technical and business focus for focused hands-on I&E education. Contributions to EIT label learning outcomes.

Performance indicators: # participants, # schools, # camps, # ECTS

Intended use: Per-event grants linked to and endorsed by EIT ICT Labs educational programs

EIT funding: Real cost of venue, materials, and miscellany up to 10 k€, travel up to 500 € and daily living costs up to 100 € / participant. Lecturing honoraria for outsiders 100 € per hour.





Student Mobility

Organize student mobility across nodes and organisations for educational purposes



Catalyst lead
Timothy Barnes
UCL
t.barnes@ucl.ac.uk

Innovation goal / impact: Intensify the integration of education to innovation through student mobility

Output(s): Report per visit

Definition of added value: Organizational, cross-sectorial, and geographic mobility for M.Sc. and PhD students linked with and contributing to I & E education in EIT ICT Labs educational programs, joint development of teaching material, internships and thesis research, organized through co-location centers

Performance indicators: # visit months, # ECTS assigned to visits, # joint course material, # internships organized

Intended use: One block grant per node, who forwards per-visit grants to the universities sending students

EIT funding: Per-visit grants: for less than 3 month visits travel + M.Sc. students 500 € / month; PhD students 1400 € / month; for longer visits the Erasmus Mundus rates depending on the host country may apply





Professional Training

New



Capitalize the research and educational excellence pool in EIT ICT Labs to provide on-time continuous/professional training to industrial partners in the CLC ecosystem on emerging topics and trends



Catalyst lead
Hannu Tenhunen
EIT ICT Labs
hannu@kth.se

Innovation goal / impact: Provide state of the art professional training programs and continuous education towards a degree or on need basis to industrial partners in the CLC ecosystem addressing new research and innovation topics in depth.

Output(s): Professional education organization forms and courses. Stakeholder integration for delivering the content.

Definition of added value: Activate new emerging technology adaptation within our industrial partners. Proactive responses to industrial and business changes in Europe. Competence enhancement.

Performance indicators: # courses, # participants

Intended use: Activities covering the organization and marketing of professional training courses, collecting the course delivery team, and the course delivery.

EIT funding: Real cost up to 60 k€ per training program. Max five programs in 2013.





Research Catalysts



Open Source Booster

Catalyze the industrial take-up of open source projects



Catalyst lead
Olivier Festor
EIT ICT Labs

olivier.festor@ictlabs.eu

Innovation goal / Impact: Foster the exploitation of innovative open source software by the industry and relevant communities

Output(s): OS packages, dissemination & exploitation material, impact assessment

Definition of added value: Boost exploitation of OS generated in carriers through software extension, packaging and dissemination support

Performance indicators: # OS software packages, # downloads, # uses

Intended use: Open source boosting tasks connected to a carrier

EIT funding: Real cost up to 50 k€ / supported initiative





Patent Booster

Develop a patent culture within universities and research centres



Catalyst lead (proposed)

Lisa Ericsson

KTH

lisaeric@kth.se

Innovation goal / impact: Catalyze identification and generation of patents, develop a patent culture within universities and research centres

Output(s): Patents, impact assessment

Definition of added value: Patent boosting tasks give professional help with patent landscape studies, patent scanning, and patent submission

Performance indicators: # supported patents submitted, # supported patents granted

Intended use: Patent boosting tasks connected to a carrier (service)

EIT funding: Real cost up to 20 k€ / boosting task





Standards Booster

Foster impact and sustainability of research results through standards

New



Catalyst lead
Olivier Festor

EIT ICT Labs

olivier.festor@ictlabs.eu

Innovation goal / impact: Catalyse identification and generation of standards

Output(s): Participation reports, impact assessment

Definition of added value: Create impact on relevant standardization groups (de-jure and de-facto) with the work carried out in the action lines. Ensure sustainability of the results of the KIC in a coordinated way through world-wide adoption. In coordination with other catalysts (testbeds, open source booster) ensure early validation and implementation of the supported standardization initiatives.

Performance indicators: # standards achieved, # working groups contributed to

Intended use: Standards boosting tasks connected to a carrier

EIT funding: Real cost up to 20 k€ / boosting task





Test Beds, Testing Platforms & Simulation Tools

Catalyze common culture of experimentation in research



Catalyst lead
Olivier Festor
EIT ICT Labs

olivier.festor@ictlabs.eu

Innovation goal / impact: Develop a common culture of experimentation in research for more innovation

Output(s): Test beds, tools, impact assessment

Definition of added value: Integrate joint hardware and software platforms as well as simulation tools to test applications, service platforms, service set-ups and algorithms, typically with respect to functionality, performance and conformance.

Performance indicators: # platforms, # tests and experiments

Intended use: Applications are either related to transforming a carrier test bed, platform, or tool to a joint EIT ICT Labs facility, or performing experiments on a joint platform. Applications may cover supporting experiments, enhancing existing test-beds through value adding work and limited capital investments, and training of students and researchers.

EIT funding: Real cost up to 200 k€ / application





Experience & Living Labs

Exploit KIC-wide use of Experience & Living Labs to foster Education, Research and Business integration and innovations



Catalyst lead
Fabio Pianesi
FBK
pianesi@fbk.eu

Innovation goal / impact: Exploit KIC-wide Experience & Living Labs to foster ERB integration and innovations

Output(s): Experiments, data, impact assessment

Definition of added value: Support lab selection processes, sharing of tools, methods, and best practices, and development of lab access protocols. Perform experiments to test and modify product and service designs, in close collaboration with end-users, and in real-life or real-as-life settings. Share experiment data for increased added value.

Performance indicators: # labs, # experiments, # end users involved, # data collected and shared

Intended use: Application tasks either related to transforming a carrier lab to a joint EIT ICT Labs facility through value adding work and limited capital investments, or performing experiments in a carrier lab

EIT funding: Real cost up to 150 k€ / application





New



Entrepreneurial Research

Stimulate entrepreneurial research in the research community



Catalyst lead
Olivier Festor
EIT ICT Labs

olivier.festor@ictlabs.eu

Innovation goal / impact: Support entrepreneurial research initiatives leading to further developing research results towards concrete and measurable exploitation. Raise awareness for entrepreneurial research.

Output(s): Research results ready for measurable exploitation through standardization, technology transfer or new business creation; Awareness raising activities such as workshops, lectures and events.

Definition of added value: An identifiable and necessary step to prepare partially mature research results for exploitation. Increase researchers' awareness of the exploitation potential of their research.

Performance indicators: # supported researcher-driven entrepreneurial initiatives, ratio of successful cases over supported entrepreneurial research activities, # awareness raising activities

Intended use: Apply this catalyst to promising research results that require a limited number of well-defined maturation steps toward exploitation. Preferably the catalyst is combined with business modelling, technology transfer or standards booster catalysts.

EIT funding: Real cost up to 100 k€ / supported activity, for the awareness events real cost up to 120 k€ covering all 2013 events.

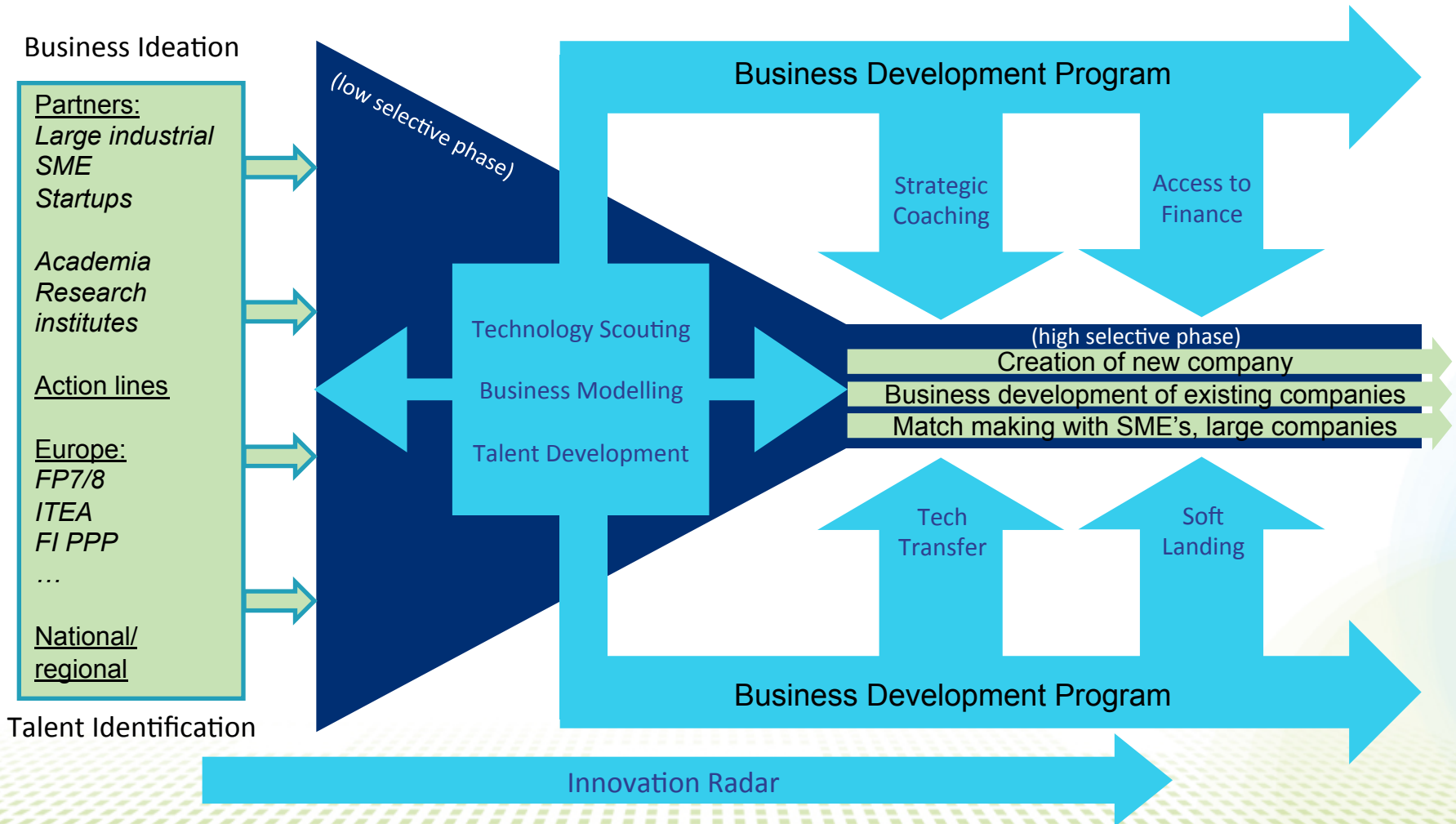




Business Catalysts



EIT ICT Labs Innovation Booster for Technology Transfer and Business Creation





Innovation Radar

Create business intelligence and strategic information on the future of ICT



Catalyst lead
Magnus Boman
SICS
mab@sics.se

Innovation goal / impact: Create foresight to expose future themes with high innovation and business potential

Output(s): Foresight reports

Definition of added value: Perform extensive foresight studies informing action lines, nodes, and the KIC strategy on the basis of an expert network and a community tool specifically developed for EIT ICT Labs, and building on nodes' activities

Performance indicators: # foresight studies

Intended use: Activities creating foresight studies for the KIC, nodes, or action lines

EIT funding: TBD; application tasks real cost up to 150 k€ / study





Strategic Coaching

Support and nurture start-ups towards growth strategies

Updated



Catalyst lead
Aard Groen
Univ. Twente

a.j.groen@utwente.nl

Innovation goal / impact: Support ICT Labs related entrepreneurs or business developers from existing companies to grow, establish and extend their business to other nodes and reduce time-to-market

Output(s): Integrated process of entrepreneurship and business support at each of the nodes collaborating over the nodes. Selecting high potential business opportunities.

Definition of added value: The catalyst provides a comprehensive European wide startup support and coaching system embedded in the local innovation ecosystems of EIT ICT Labs CLC's and nodes and applicable in action lines.

Performance indicators: # cases supported, # labelled as high potentials, # new ventures

Intended use: A task in the start-up incubation activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD





Updated



Access to Finance

Support the access to capital and increase investment readiness



Catalyst lead
Pär Hedberg
STING

Par.Hedberg@stockholminnovation.com

Innovation goal / impact: Facilitate the access of risk capital to EIT ICT Labs ventures, create liaison with leading venture capitalists

Output(s): Activity report covering events and actions, venture funding data base, case descriptions, investment readiness workshops

Definition of added value: Provide a platform and network for would-be entrepreneurs to pitch their concept to venture capitalists integrated in the Business Development Program

Performance indicators: # events, # participating companies, # participating investors, # funding deals, € raised

Intended use: A task in the start-up incubation activity or SME growth activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD





Technology Transfer

Increase the flow of technologies from academia to companies



Catalyst lead
Gilbert Harrus
INRIA

Gilbert.Harrus@inria.fr



Innovation goal / impact: Detect, stimulate and support Technology Transfer from research to market (large, medium or small companies) through licensing or start-up creation.

Output(s): Coaching and Advisory Program, studies on IPR and legal negotiations, open/joint innovation in practice, best practices, tech transfer case reports

Definition of added value: Support technology transfer and business maturation projects at the front-end of the innovation funnel, from the detection of a potential innovation up to an effective transfer.

Performance indicators: # technology transfer opportunities processed, # technology transfers completed, # new products/services/processes launched on the basis of the transfers

Intended use: A task in the SME growth or large industry renewal activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD



New



Technology Scouting

Detect opportunities for business incubation



Catalyst lead
Klaus Beetz
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Innovation goal / impact: Detect, stimulate and support business incubation and transfer opportunities by actively scanning the work in action lines and other sources of the innovation funnel

Output(s): Detected incubation opportunities handed over to other Business catalysts

Definition of added value: Support business incubation at the front-end of the innovation funnel by detecting potential innovations.

Performance indicators: # business incubation opportunities detected, # business incubation opportunities handed over to other Business Catalysts

Intended use: A task in a business incubation activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD





Business Modelling

Enhance the capability of business modeling to turn research into innovation



Catalyst lead
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Innovation goal / impact: Business Modeling catalyst offers a holistic and integrated approach for 1) analysis, 2) planning, and 3) deployment of business models.

Output(s): European-wide active expert network, toolbox of state-of-the-art methods, knowledge information centre, application cases

Definition of added value: The catalyst fosters the development of business modeling concepts and their application in action lines. It provides access to business models and experts and thereby drives the market success of new products and services and contributes to the creation of new startups and ventures.

Performance indicators: # active experts per node, # application cases

Intended use: A task in a business incubation activity of an action line; task on top of a local innovation ecosystem carrier; per carrier application task as a tool

EIT funding: TBD



New



Soft Landing

Accelerate European growth and business development of innovative growth-oriented companies



Catalyst lead
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Innovation goal / impact: Accelerate growth of SME's linked to EIT ICT Labs' action lines to European scale.

Output(s): Connecting networks over the nodes, report covering events and actions, case reports of SME's helped

Definition of added value: Define and provide a soft landing service for SME's aiming at international growth. Help SME's to find new international customers and partners. Organize events aligned with action line themes dedicated to SME's to boost their business.

Performance indicators: # SME's supported, # soft landing cases, # events, # participants

Intended use: A task in a SME growth activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD



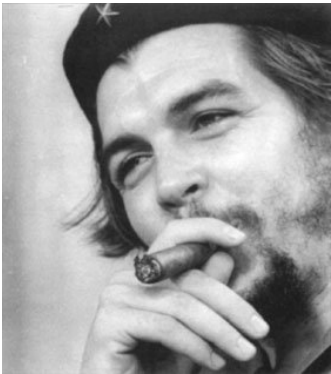


New



Entrepreneurial Talent Development

Train and link entrepreneurial talents with innovation opportunities for business incubation



Catalyst lead
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Innovation goal / impact: Increase the rate of business incubation by linking entrepreneurial talents in EIT ICT Labs ecosystem to innovation opportunities arising in action lines

Output(s): Entrepreneurial teams linked to a business opportunity prepared for business incubation

Definition of added value: Create opportunities for innovators and (would-be) entrepreneurs to link together and form entrepreneurial teams by training entrepreneurs, running pitching and awareness-raising events in EIT ICT Labs hotspots, and engaging with local entrepreneur communities

Performance indicators: # entrepreneurs scouted, # business incubation cases, # entrepreneurs trained, # new ventures

Intended use: A task in a start-up incubation activity of an action line or on top of a local innovation ecosystem carrier

EIT funding: TBD





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Knowledge &
Innovation
Community

EIT ICT Labs

