Driving European leadership in ICT innovation for economic growth and quality of life

Dr. Stéphane Amarger, Director French Operations
stephane.amarger@eitictlabs.eu
+33 6 38 87 47 09

Canon Research Centre France
1995 – 2000
Chercheur, puis Directeur de Projets

eit
Knowledge &
Innovation
Community
EIT ICT Labs
At a glance

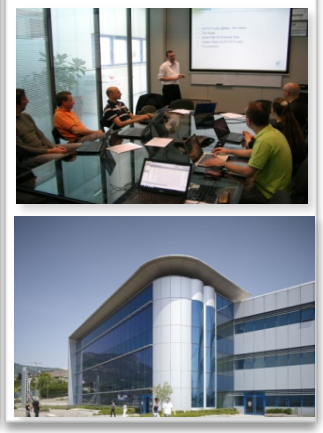
Europe is facing a significant innovation challenge…

…despite an excellent research base, dynamic companies and creative talent…good ideas are too rarely turned into new products or services

- Innovation is the key to growth, competitiveness and social well-being
- Europe needs a change of mind-set and a more innovative and entrepreneurial culture
- The European Institute of Innovation and Technology (EIT) and its KICs (Knowledge and Innovation Communities) were established to enhance Europe's ability to innovate by:
  - **ADAPTING QUICKLY**
  - **PROVIDE SOLUTIONS TO RAPIDLY EMERGING SOCIETAL PROBLEMS**
  - **MEET THE DEMANDS AND DESIRES OF CONSUMERS**

A European ecosystem reinforcing ICT Hot Spots

Germany	Netherlands	Finland	France	Sweden	Italy
Berlin, Munich	Eindhoven	Helsinki	Paris, Rennes, Sophia Antipolis	Stockholm	Trento



Berlin

Deutsche Telekom Laboratories

SIEMENS

SAP

DFKI

Fraunhofer FhG

Eindhoven

NIRICT

PHILIPS

novay

NETWORKED INNOVATION

Helsinki

Aalto University

NOKIA

VTT

Paris

INRIA

Institut Telecom

orange

Alcatel-Lucent

UPMC

Université Paris Sud

Stockholm

ERICSSON

SICS

KTH

Trento

ENGINEERING

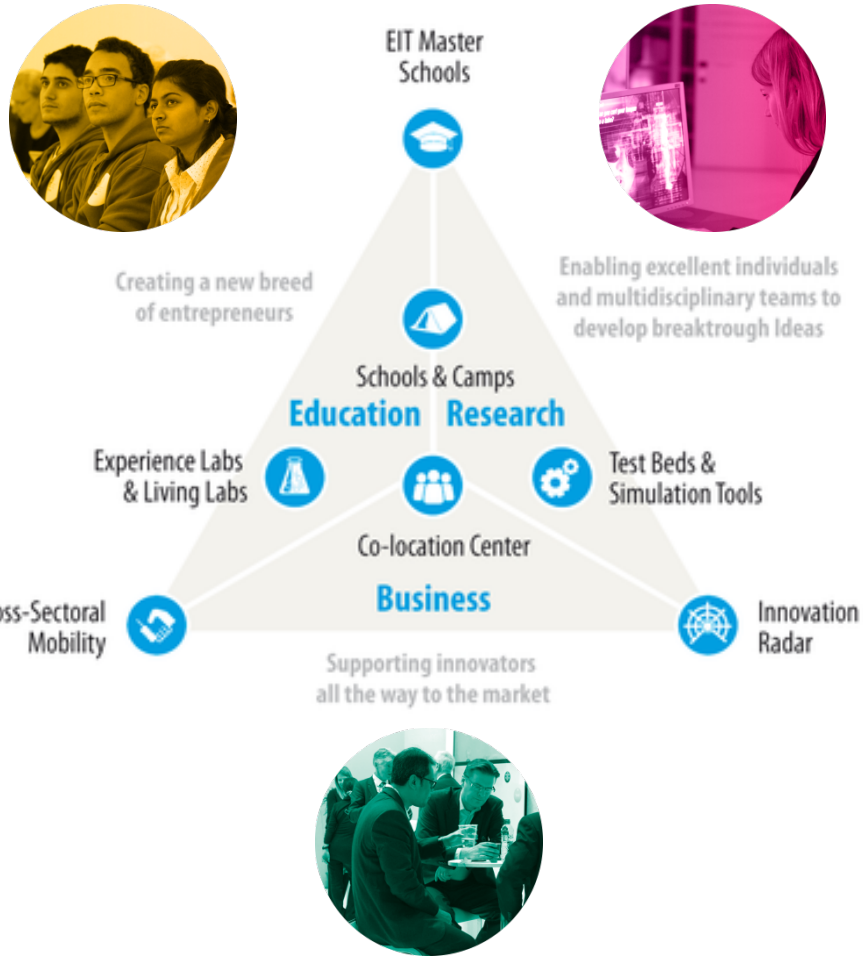
TELECOM

trentorise

London in January 2014, followed by Budapest and Madrid

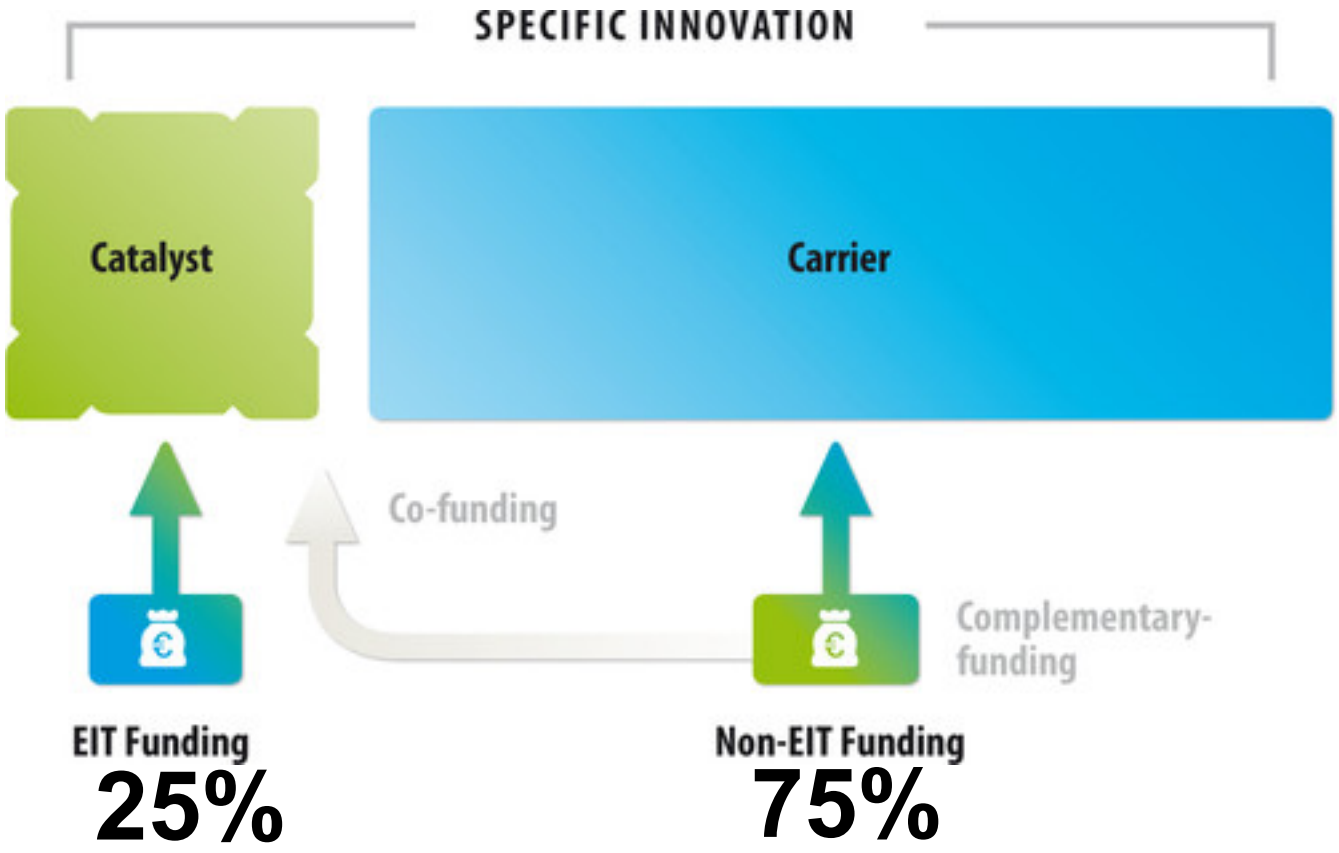
Bringing ICT Innovations to Life

- Education, Research and Business - strong collaboration is needed to speed up ICT innovation in Europe
- From idea to product, from lab to market and from student to entrepreneur
- The mission of EIT ICT Labs is to **drive European leadership in ICT innovation for economic growth and quality of life**



The EIT ICT Labs' Investment Model

- The so-called "catalyst-carrier model" is a key means to realise the innovation cycle
- The application of a catalyst should create significant added value towards the European innovation agenda and the goals of EIT



Empowering ICT Top Talents for the Future

- Master School
  - A pan-European 2 year Master programme in ICT innovation and Entrepreneurship
  - 19 top-universities to establish a joint innovative programme of seven tracks and an integrated I&E module

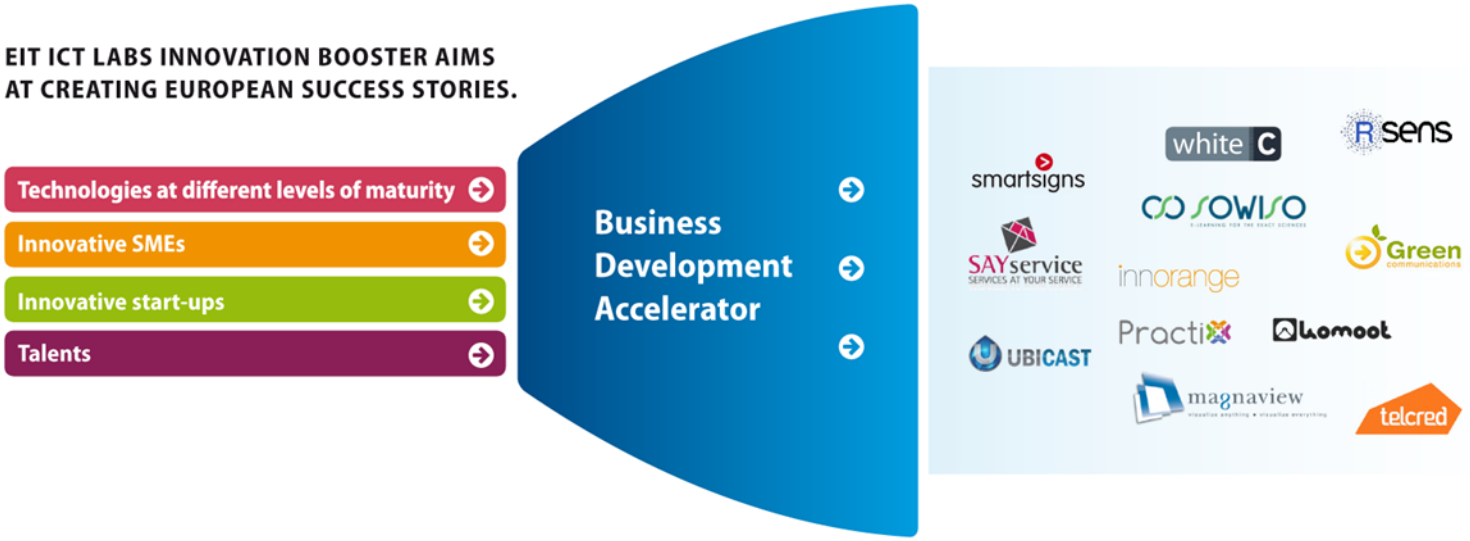
- Doctoral Program in ICT
  - Doctoral School operating in Doctoral Training Centres within the co-location centres
  - Combines doctoral students, industrial needs and Innovation & Entrepreneurship

Boosting Innovation from Research

- To generate know-ledge that leads to new innovative products, services, and to the generation of patents by
  - **Collaborative maturation (techno + Biz) at European level**
  - **networking** such as the organisation of thematic workshops and meetings
  - access to the state-of-the art **Test beds** and Experience and Living Labs

It's all about Business

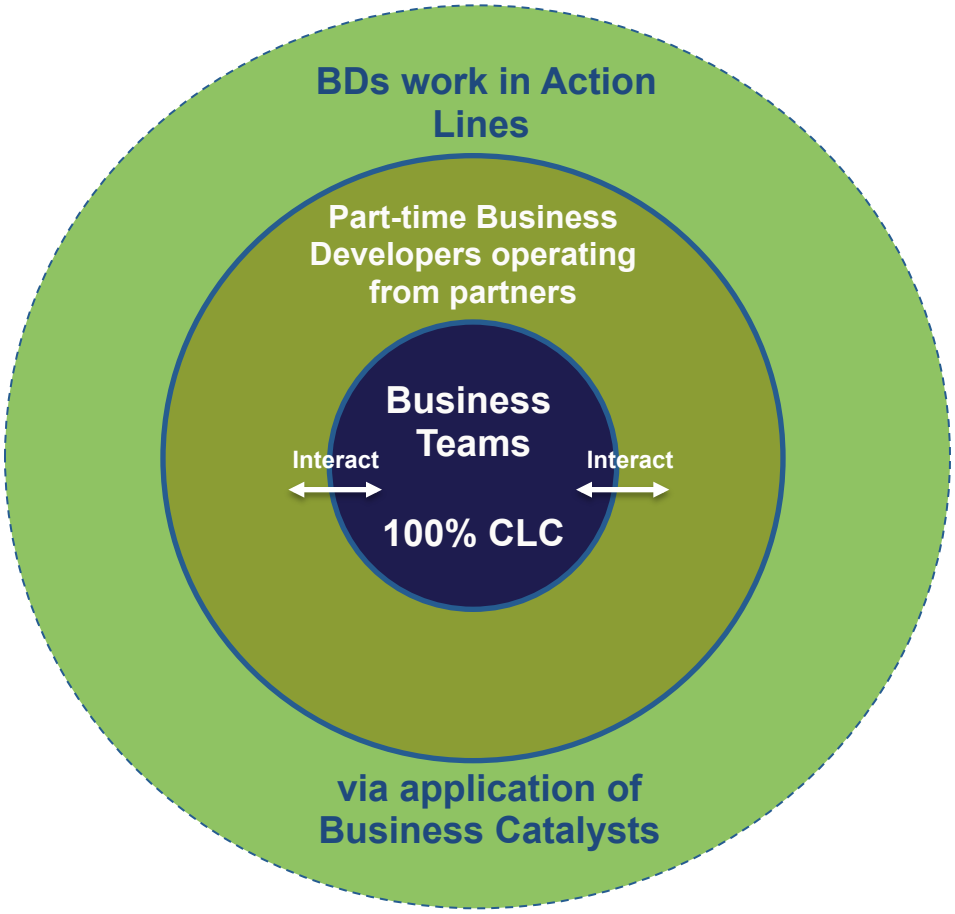
- The Business Development Accelerator - a funnel with two phases
  - scouting of innovative SMEs and technologies
  - coaching innovative SMEs to deliver European growth success



An agile way to promote local success stories at European level

Business Development Team

- The Core Business Developers are the “spider in the web” supported by Business Developers from partners.
- They all apply the Business Catalysts in Action Lines through detecting, evaluating and driving the exploitation of innovation opportunities via
  - business creation and growing of SME’s on a European level
  - large industry by match-making for technologies, ventures and SME’s.



Our Innovation Areas – the Action Lines - where Innovation takes place

INNOVATION IN ICT:

- **Future Cloud**
- Future Network Solutions
- Privacy, Security & Trust in Information Society

INNOVATION WITH ICT:

- Cyber-Physical Systems
- **Future Urban Life and Mobility**
- Health & Wellbeing
- Smart Energy Systems
- Smart Spaces

INNOVATION IN EDUCATION:

- Master School
- Doctoral School

There's nothing like Success

Coached Company	Node	Thematic Action Line
Smart Signs bv	Netherlands	Smart Spaces / Future Urban Life & Mobility
CED/Diagnostics	Netherlands	H&WB
MagnaView	Netherlands	Future Media
Telcred	Sweden	Smart Spaces
Komoot	Germany	H&WB / Future Urban Life & Mobility
HPC	France	Smart Energy / Future Urban Life & Mobility
E3S	France	Future Media
Login People	France	Future Media
Script & Go	France	Future Media
IP Label	France	Future Media
Backelite	France	Future Media
Green Communications	France	Digital Cities
Innorange	Finland	Smart Spaces
CLS	Italy	Smart Spaces / Future Media
Practix	Italy	Smart Spaces
Fabrica Ludens	Italy	Smart Spaces
RSens	Italy	Smart Energy
U-Hopper	Italy	Future Urban Life & Mobility
SayService	Italy	Future Urban Life & Mobility

eit Knowledge & Innovation Community
EIT ICT Labs

komoot HUMAN CENTRIC NAVIGATION

RSens

smartsigns

innorange

telcred

practiX

LoginPeople Providers of the Digital DNA Technology

SAYSERVICE
SERVICES AT YOUR SERVICE

magnaview
visualize anything • visualize everything

Collaborations

…with European Programmes and Initiatives are crucial for success

FUTURE INTERNET PPP

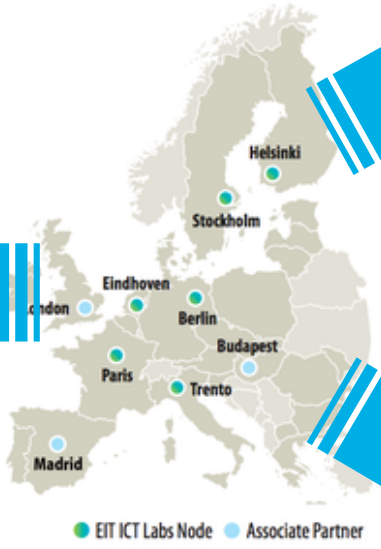
ITEA 2

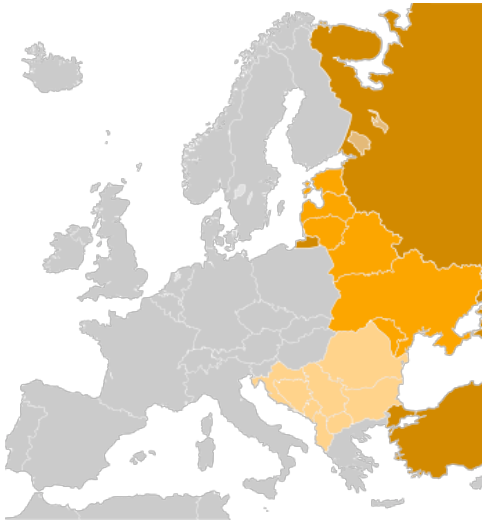
INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT

TDL | Trust in Digital Life

EUROPEAN INVESTMENT FUND

Beyond Europe – Outreach Program





EIT ICT Labs
in France

French Node Partners

Academics (6)

Research Centers (2)

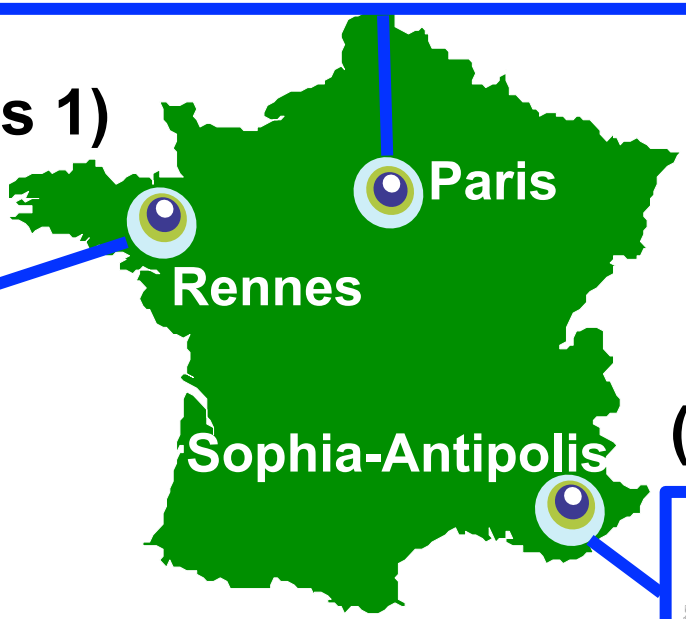
Clusters (4)

Industrials (10)

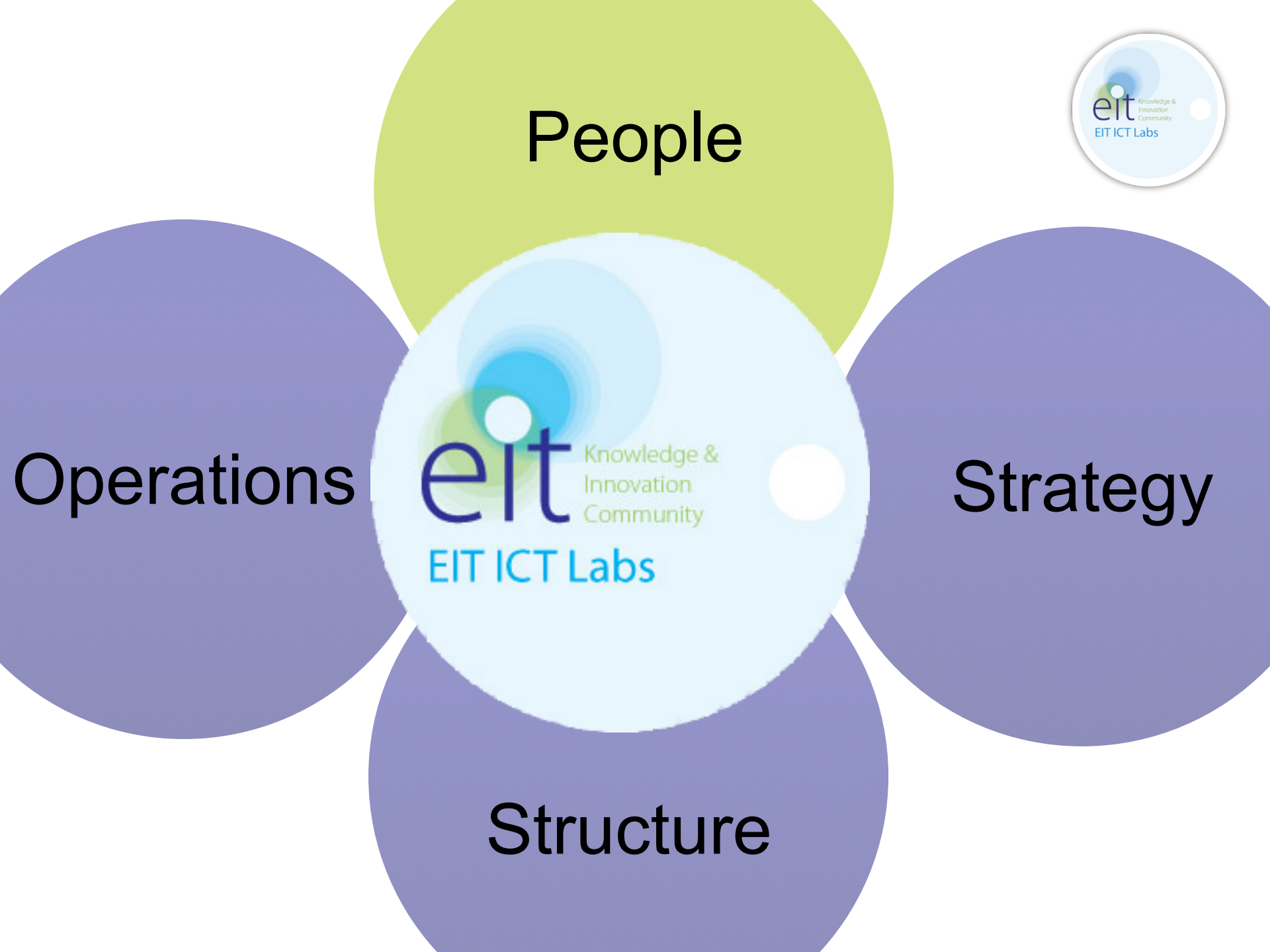
French Node Organization

(Hosted by INRIA)

(Hosted by U.Rennes 1)



(Hosted by UNSA)


People
Operations
Strategy
Structure
eit
Knowledge &
Innovation
Community
EIT ICT Labs

People

Stéphane Amarger
Node Director
INRIA

Bruno Le Dantec
CLC Paris Manager
INRIA

Sarah Hessels
CLC Paris Assistant
INRIA

Christine Zeer
MarCom Manager
INRIA

Jérôme Chifflet
Access to Finance Manager
IMT

Frédéric Renouard
CLC Rennes Manager
U Rennes 1

Prométhée Spathis
Masters French Contact
UPMC

Christian Queinnec
Doctoral School ALL
UPMC

Gilles Betis
Digital Cities ALL
Thalès

Philippe Letellier
BDA Manager
IMT

Agnes Cottais
CLC Rennes Com
U Rennes 1

MC Riou-Guignet
Financial Coordinator
INRIA

Isabelle Lamiral
Assistant Controller
INRIA

Françoise Baude
CLC SA Deputy Manager
UNS

Stéphanie Halochet
CLC Rennes Assistant
U Rennes 1

Business Development Accelerator Correspondants

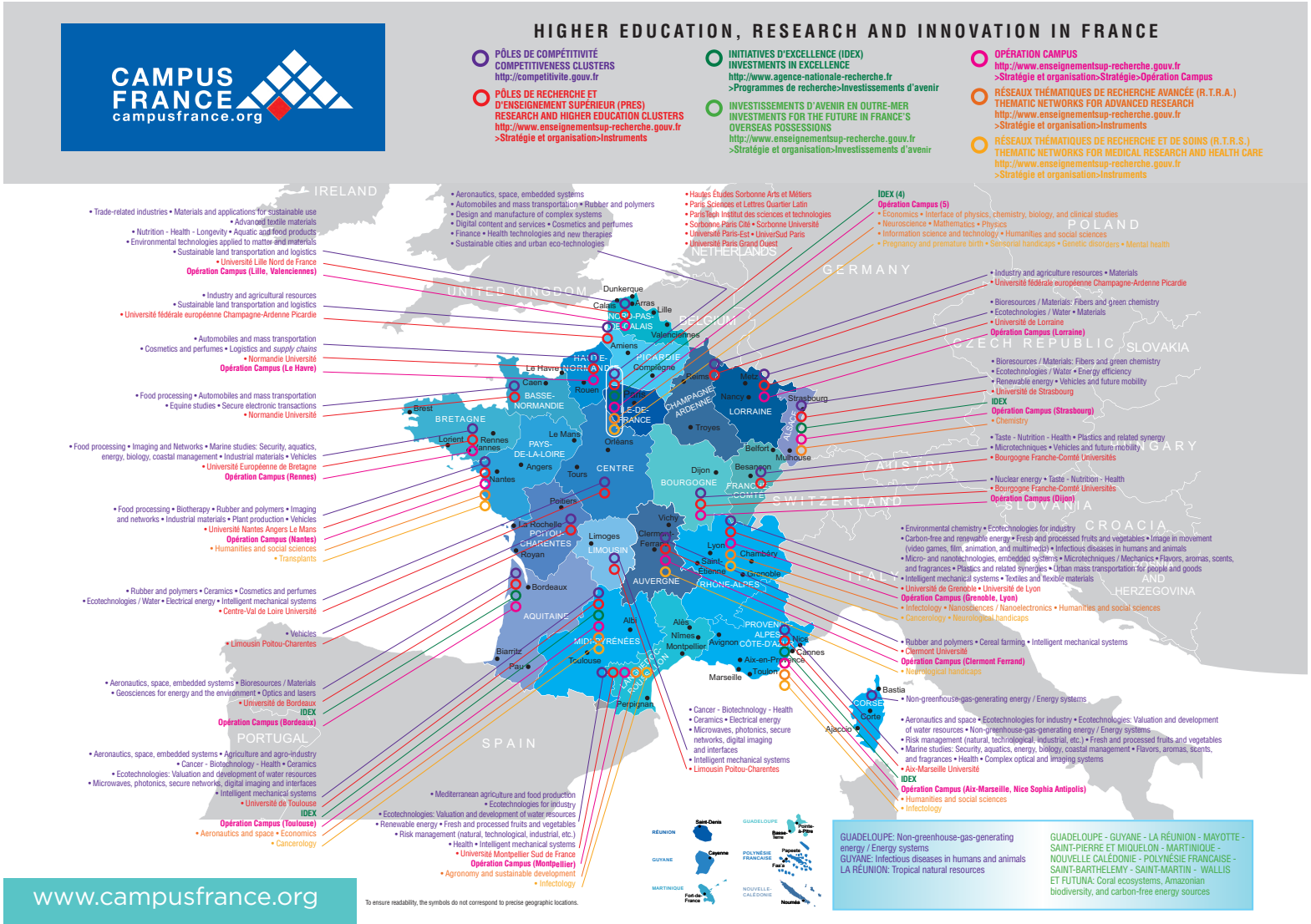
- Action Line correspondant in France:
  - Urban Life & Mobility: Isabelle De Sutter (Systematics, Fr)

- Industrial Core Members Correspondant in France:
  - Alcatel Lucent: Isabelle De Sutter (Systematics, Fr)
  - Orange: Pierre Pleven (IMT, Fr)
  - Thalès: Pierre Pleven (IMT, Fr)

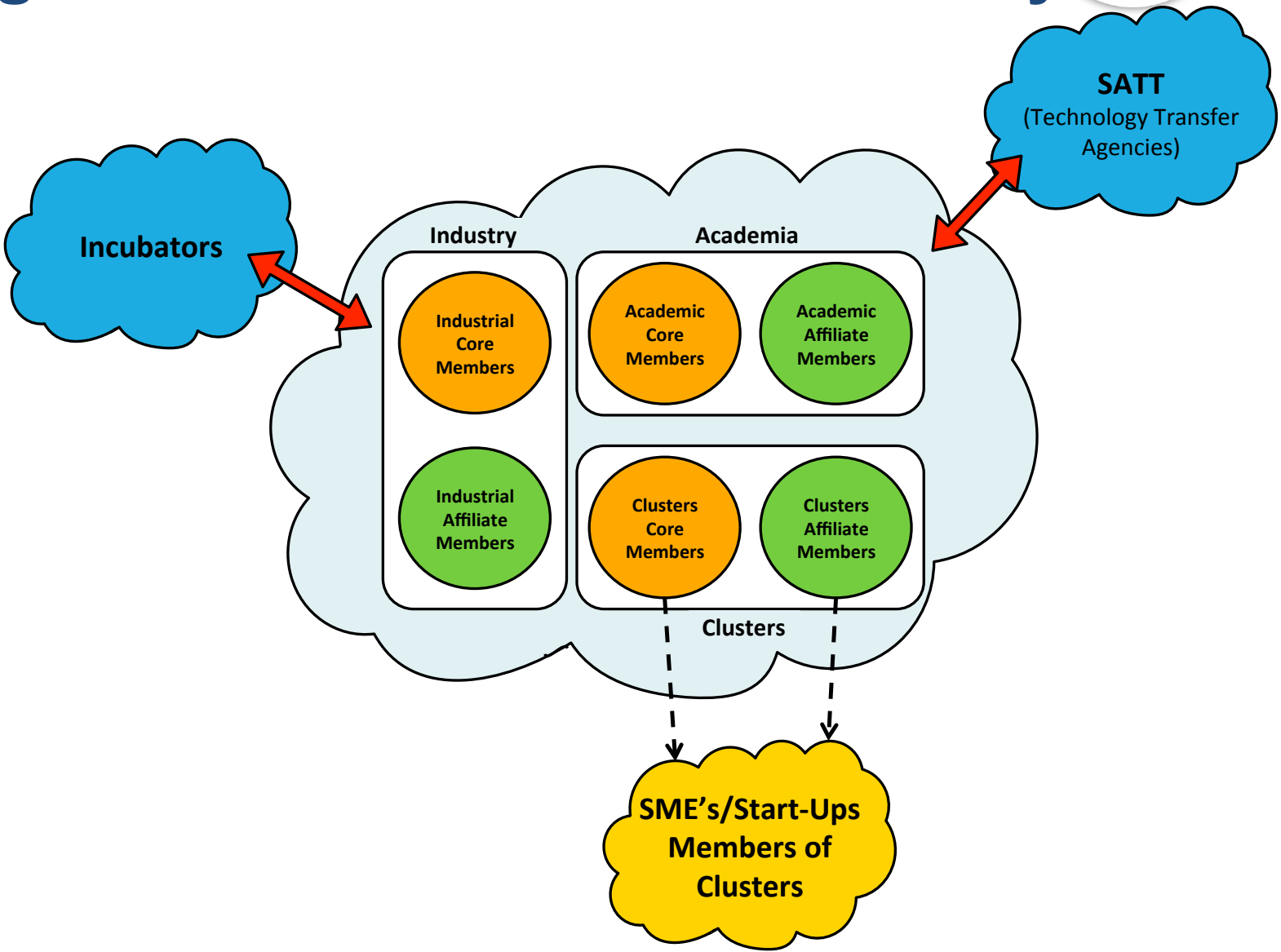
- French BDA Team:
  - Node Representative: Pierre Pleven, Institute Mine Telecom (100%)
  - Team:
    - Isabelle De Sutter, Systematic (100%)
    - Carlos Cunha, Cap Digital (100%)
    - Olivier Personnic, Systematic (50%)

So what…?

Boosting the French Innovation Ecosystem

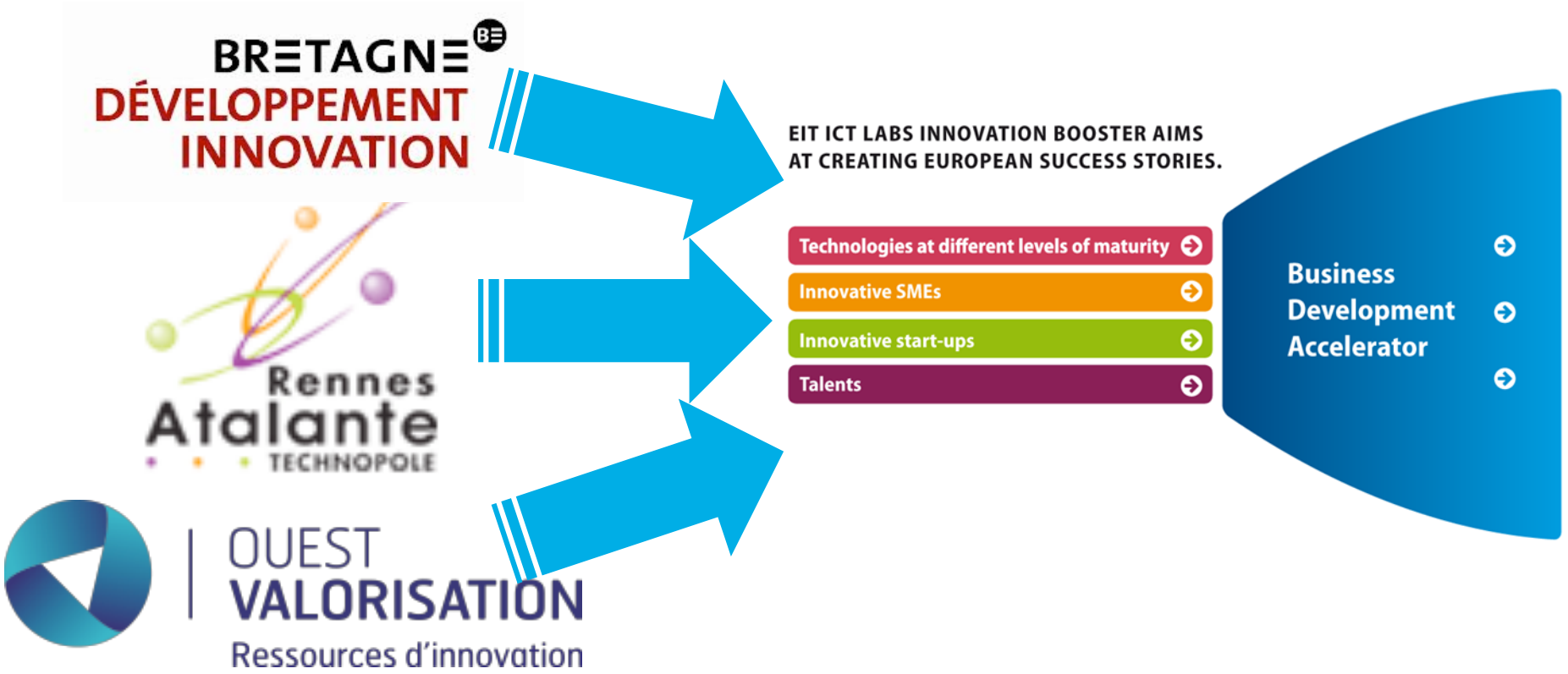


Boosting our Partners Innovation Ecosystem



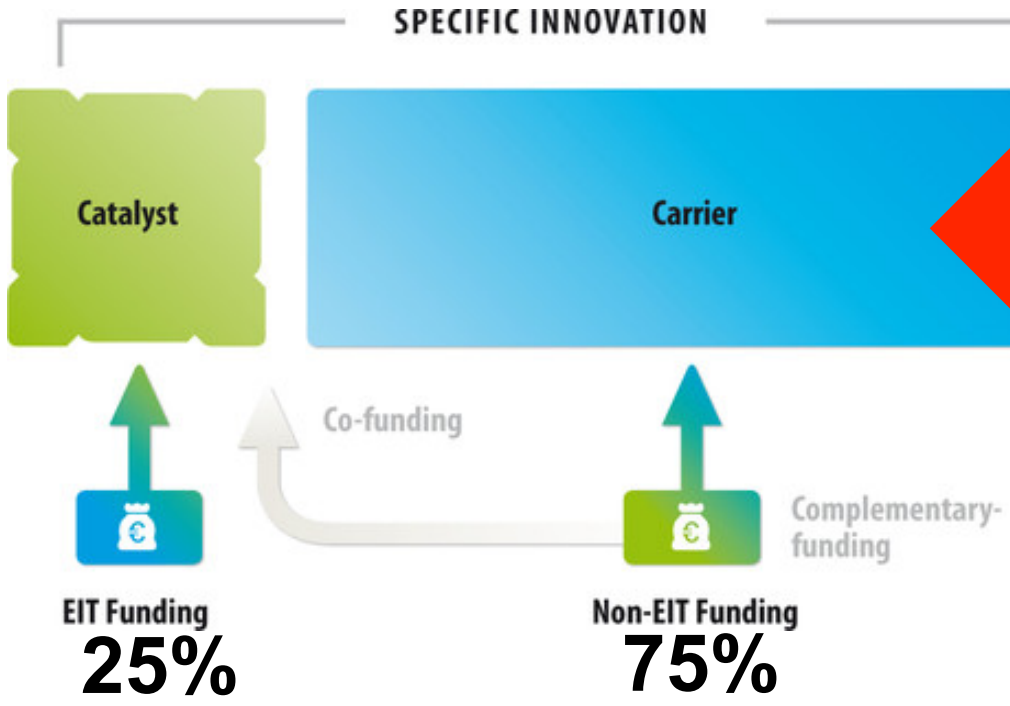
Boosting the French Innovation Ecosystem

Think Global, Acting Local.
No Competition. A Win/Win Approach



Boosting the French Innovation Ecosystem

Think Global, Acting Local.
No Competition. A Win/Win Approach



eit Knowledge & Innovation Community

EIT ICT Labs