

TITRE

Destination Europe – 6 Dec 2012

« Pôle de Compétitivité »

■ Definition

- Geographic concentrations of interconnected companies, suppliers, service providers, research organisations, and associated institutions in a particular field.
- Clusters increase the productivity with which companies can compete through collaborative R&D, customers-suppliers synergies, knowledge sharing, etc.

■ Stakeholders

GOVERNMENT

Ministries
Industry, Education &
Research, Defence ...

LOCAL AUTHORITIES

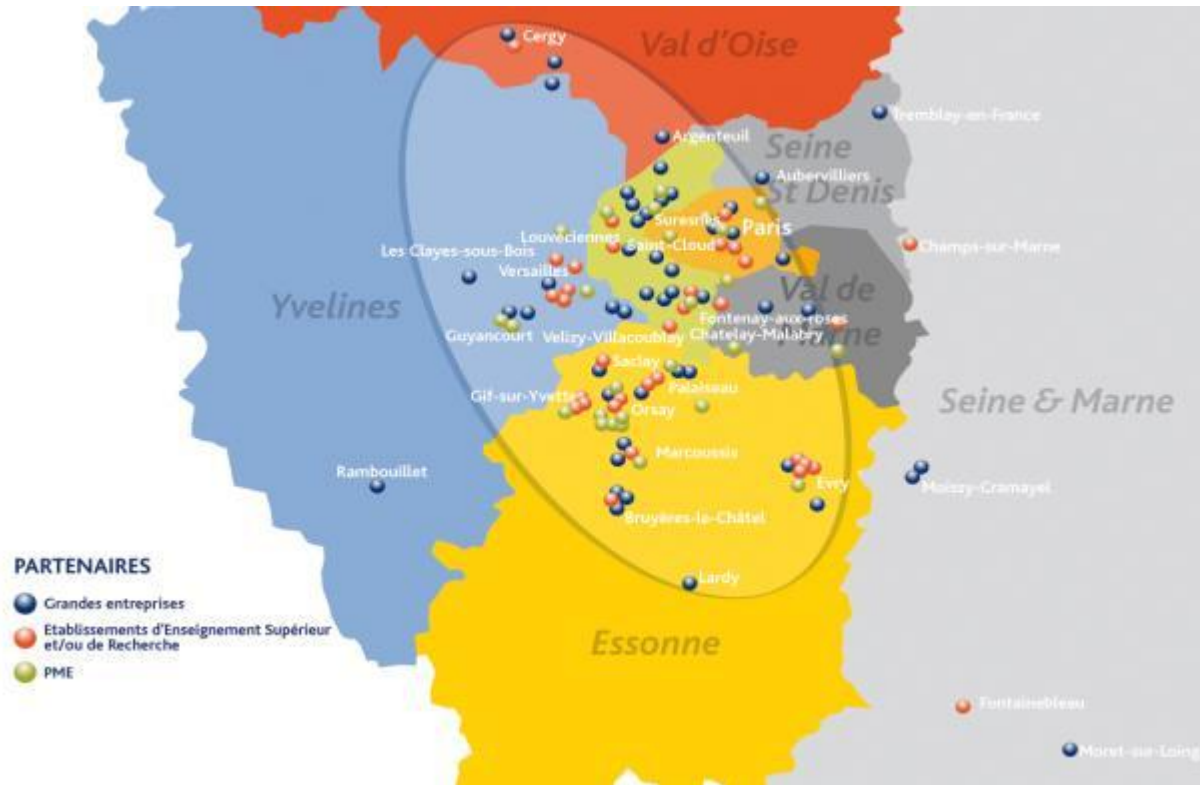
“Régions, Départements,
Communautés de
Communes”

INDUSTRY & RESEARCH

Corporations
SMEs
Research organisations

Systematic: More than 500 active members ...

- 100 Large Companies
- 300 SMEs
- 80 Research Laboratories and Universities
- 102 000 jobs



**Systematic was
established in
2005**

Systematic: Technologies & Markets

Common vision: Digital revolution for industry and services

Technologies

Systems Design and Development Tools



Free and Open Source Software



Applicative markets

Automotive & Transport



Security & Defense



Telecoms



ICT & Sustainable Cities (2009-2011 Strategic Plan)



ICT & Health (2009-2011 Strategic Plan)



Systematic: R&D projects (2005 - 2010)

257 projects to date

1,2 Billion€ R&D investment

421 M€ public funding

**Automotive
&
Transports**

**Systems
Design &
Development
Tools**

**Security
&
Defence**

Telecoms

**Free &
Open
Source
Software**



34

91

50

60

22

With synergies between projects

Some of our key players...

■ Automotive & Transport Working Group: **ALSTOM**



- ALSTOM TRANSPORT, ARMINES, CEA, CNRS, CONTINENTAL, DELPHI, FREESCALE, GEENSY, INRETS, INRIA, INTEMPORA, RENAULT, VALEO, VISTEON

■ Systems Design and Development Tools Working Group:



- EADS ASTRIUM, CEA, C-S, DASSAULT AVIATION, DISTENE, ECP, EDF, ESTEREL TECHNOLOGIES, FLOWMASTER, INRIA, SAMTECH, SPRING TECHNOLOGIES, THALES, UTC

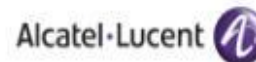
■ Security & Defence Working Group:



- ALCATEL-LUCENT, BULL, CEA, EADS, GEMALTO, HGH Systèmes Infrarouges, INRIA, MARTEC, ORANGE, SAGEM DEFENSE SECURITE, TELECOM & Management SudParis, THALES



■ Telecoms Working Group:



- ALCATEL-LUCENT, Activ Networks, ALTRAN, SUPELEC, EGIDE, FRANCE TELECOM, University Paris-Sud 11 / IEF, INRIA, TELECOM & Management SudParis, THALES, Sequans Com.

■ Free & Open Source Software Working Group:



- CAP GEMINI, C-S, INRIA, MANDRIVA, NUXEO, Université Pierre et Marie Curie / LIP6, UNIVERSITE PARIS 7, BULL



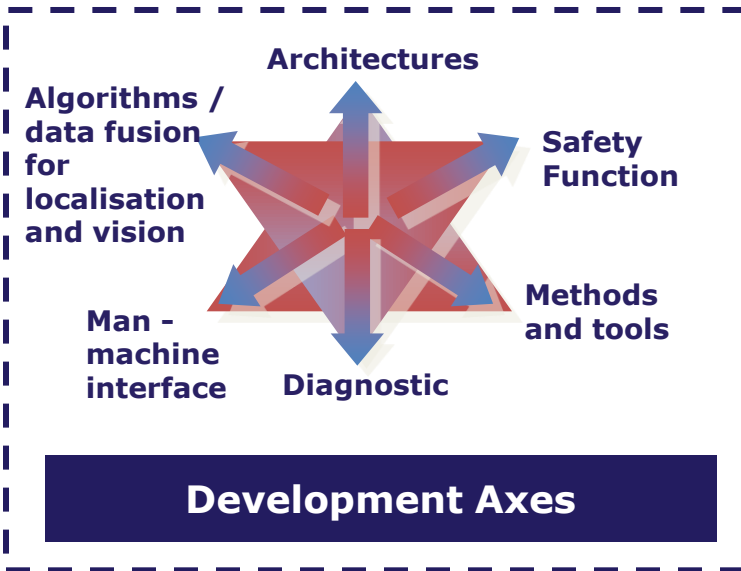
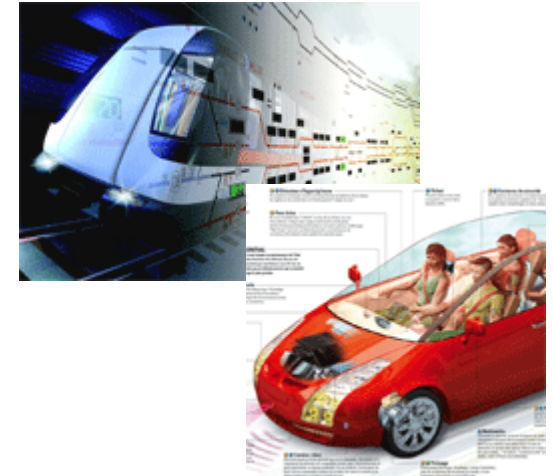
Focus on our Working Groups



Automotive & Transport Working Group

Electronic embedded systems in transport and safety

➡ Create a collaborative development platform for embedded software



52 TECHNO-PROVIDERS from Paris-Region are involved in this field

- **Funded Projects: 34**
- **Partners: 71**
including 22 SMEs

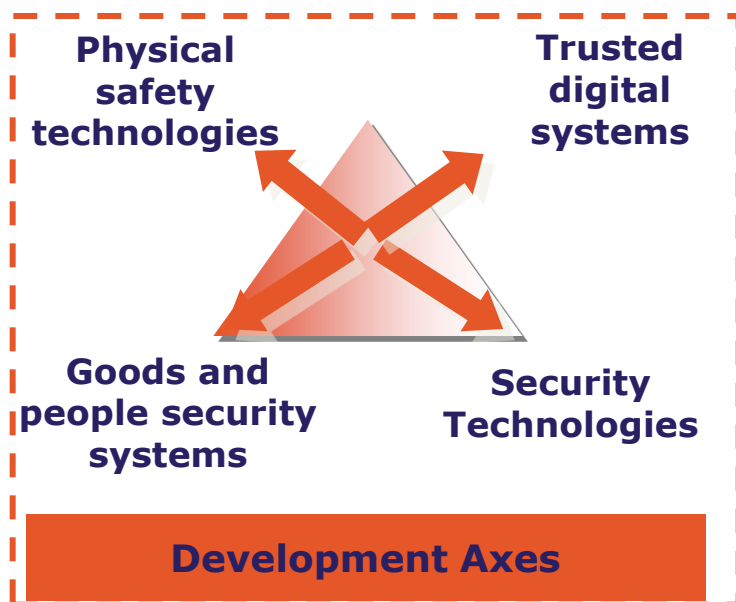
Security & Defence Working Group

Security of critical infrastructures : transportation, energy, decision-making centres, leisure sites...

Security of information systems : e-gov, e-commerce, communication, digital ID



➡ **Need to secure these systems = development challenges, addressing 2 fast growing markets**

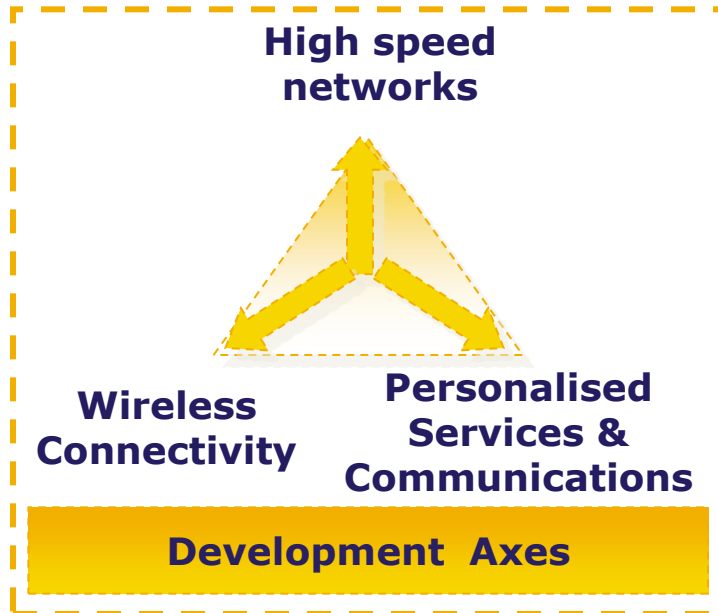
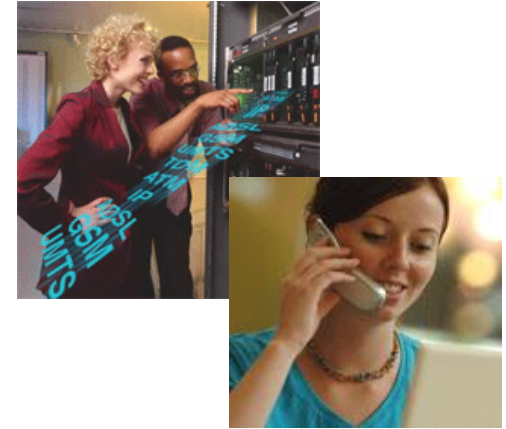


100 TECHNO-PROVIDERS from Paris-Region are involved in this field

- **Funded Projects : 50**
- **Partners : 144**
including 45 SMEs

Telecom Working Group

Develop and distribute services on broadband infrastructures and communication



153 TECHNO-PROVIDERS in Paris-Region are involved in this field

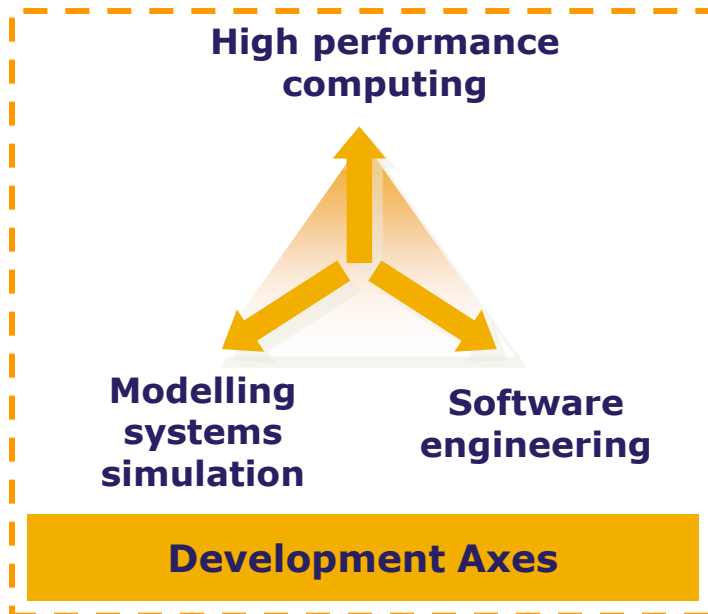
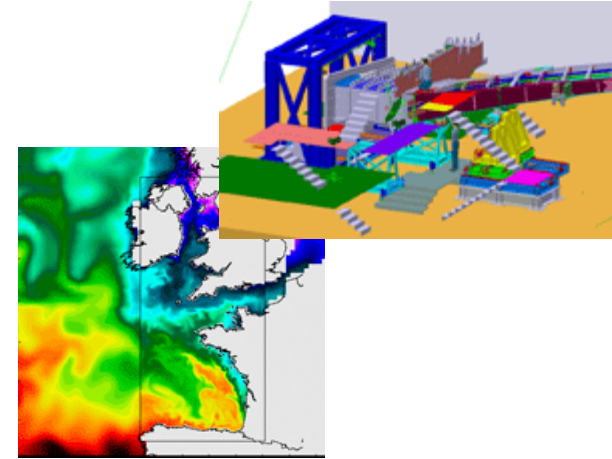
- **Funded Projects : 60**
- **Partners : 153**
of which **89 SMEs**

Systems Design & Development Tools Working Group

Mastering development risks

Multi-disciplinary simulation and optimisation tools
Systems engineering to satisfy customer needs at lower cost

➔ **Develop services software and platforms**

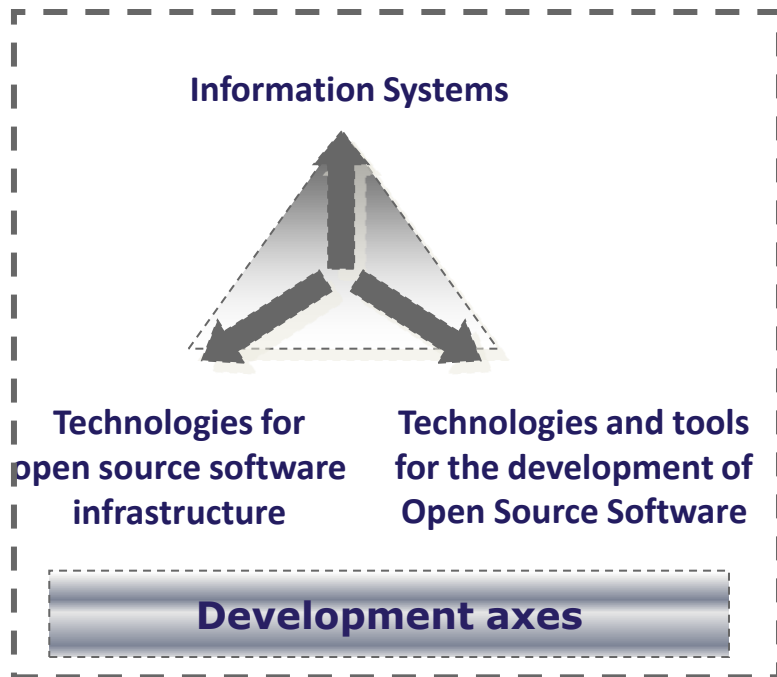


139 TECHNO-PROVIDERS in Paris-Region are involved in this field

- **Funded Projects: 91**
- **Partners: 224**
including 113 SMEs

Free & Open Source Software Working Group

Develop specific R&D projects in Open Source Software
Contribute to the development of Open Source Software
Develop the organisation of innovation coming from the
end-users in Open Source Software



- Funded Projects: 22
- Partners: 90 members including 48 SMEs

Europe & International

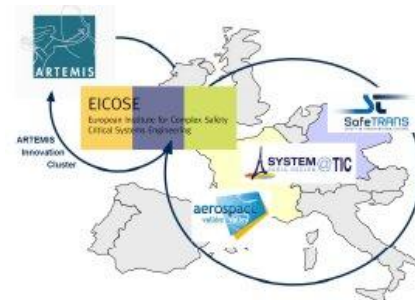


European and International Strategy

- Develop partnerships with European ICT clusters to connect our members with the European R&D scene («European R&D factory »)
- Connect Systematic with other World Class Technological Hubs
- Assist SMEs development in export markets
- Attract in conjunction with Paris Region development agencies foreign R&D investment

Partnerships with European clusters

- EICOSE: European Institute for Complex Safety Critical Systems Engineering (ARTEMIS Innovation Cluster)
- INTERREG project SIGNATURE



- and



Germany



Belgium



Netherlands

Participation in EIT ICT Labs



Complete and complementary world-class innovation hotspots



- Each Co-location features at least:
- One strong research institute
 - One major university
 - One European-based multinational company
 - Active regional network of SMEs
 - Full national and regional support

Systematic Global « hubs »

Offices in Boston and Beijing:



Thank you for your attention!

Systematic and its projects are supported by



More information:

www.systematic-paris-region.org