



Competitiveness cluster Policy in France

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- Presentation of the French policy on competitiveness clusters
- Focus on clusters in relation with embedded systems
- Orientation for 2008 and beyond

- Identifying high-potential clusters and focus public aids on them
 - ➔ avoiding scattering of public subsidies
- Strengthening the link between research & industry
 - ➔ promoting industry-driven research programs
 - ➔ developing the “triple helix relationship” between firms, research centres and higher education institutions
- Developing a full ecosystem
 - ➔ Education, private financing (business angels, VC, aso...) IP management, entrepreneurship, international development, ...

French definition of Competitiveness Clusters

- combination, within **a geographical area, of firms, higher education centres and research units,**
- sharing a **common strategy** aimed at generating synergies and leader positions centred on co-operative R&D projects,
- reaching the **critical mass** needed for international competitiveness and visibility in targeted technological fields.

Objectives of clusters

- Strong focus on R&D collaborative projects
- Cooperation including SMEs, research labs and large enterprises
- Creation of a favourable ecosystem for innovation and creation of new businesses

Clusters support measures

	Animation	M€(3 year)
Subsidies for R&D projects	Central Government (FUI)	720 M€
	Tax incentives	160M€
	Innovation agencies	587 M€
	Total for R&D	1467 M€
Support for the management of the pôles	Central Government	33 M€
Subsidies for others projects or orientations	Central Government	100 M€
Grand Total		1600 M€

- + local authorities financing (300 M€ for R&D)
- + research tax credit

2006-2008 FUI R&D project call

	AAP 1 (2006)	AAP 2 (2006)	AAP 3 (2007)	AAP 4 (2007)	AAP 5 (2008)	TOTAL AAP
Selected projects	75	68	100	70	123	436
Selection rate	33%	43%	47%	55%	59%	47 %
Budget (en M€)	668	344	800	300	525	2637
Funding on FUI (en M€)	113	80	153	86	147	579
Local authorities funding (en M€)	73	30	80	47	78	308
Total funding	186	110	233	133	225	887

- **AAP 6 under evaluation. Results to be announced around July, 21st**



DIRECTION GÉNÉRALE DES ENTREPRISES

Clusters locations

The 71 Competitiveness Clusters in France.

17 are global ones

54 are national

Half of the global clusters deals with ICT



Cluster in relation with embedded systems

■ **SYSTEM@TIC Paris Région**

Dedicated to complex systems with a special focus on:

- Automotive
- Security application
- Telecommunication
- Open software
- Conception and simulation tools

■ **MINALOGIC**

Around Grenoble, dedicated to microelectronics.

■ **AEROSPACE VALLEY**

South West of France, dedicated to critical aerospace and automotive systems with a special focus on embedded systems

■ **IMAGES ET RESEAUX**

West of France, dedicated to multimedia and telecommunication technologies and services.

Cooperation between clusters

■ At the national level:

- ➔ **Co-labelled projects:** SOCKET on critical SoC conception, labelled by AEROSPACE VALLEY and MINALOGIC
- ➔ **Projects with partners from different clusters:** LAMBDA on model-based design for embedded systems, labelled by SYSTEMATIC and with ST Microelectronics from MINALOGIC

■ At the European level

- ➔ **EICOSE initiative:** European Institute for Complex Safety Critical Systems Engineering, with AEROSPACE VALLEY (FR), SYSTEM@TIC (FR) and SafeTRANS (GER).
- ➔ **Co-labelled ITEA project HIPIP:** POINT ONE (NL) and SYSTEM@TIC (FR)

- **Stress will be made on horizontal actions:** education and training, IP, startups and nurseries, private financing.
- Strong priority on **international actions** for French clusters and their companies especially within Europe.
- The governmental institutional and financial support for the French clusters policy will be extended after 2008.
- **Decisions on the future of individual clusters and on the national policy will be announced mid-July** taking into account the 2008 evaluation achieved in June. According to the study:
 - 39 clusters reached their objectives
 - 19 clusters reached partially their objectives and need to improve their action
 - 13 clusters should review their action in depth.

**For more information
on French Competitiveness clusters:**

www.competitivite.gouv.fr

Thank you for your attention