

Clusnet Final Seminar : Grand Lyon and cleantechnologies

October 13th, 2011



Clusnet Seminar 2009, September 30th

Discussion around the cleantech field in Lyon

- ❑ Seminar devoted to the construction of a cleantech governance system:
 - Setting up an "Ecotech network" on Energy Efficiency, following the national "Cluster" call for proposals
 - One single regional application for the Rhône-Alpes Region: "Ecotech project" and single theme : **Energy Efficiency**
 - Many local actors involved :
 - ✓ Local authorities : Rhône-Alpes Region, Grand Lyon, Saint Etienne, Grenoble, CAPI (cities around Lyon)
 - ✓ Existing pôles de compétitivité, clusters and networks: Axelera LUTB, Tenerrdis, Minalogic, Plastipolis, Pôle Innovation Constructive, Cluster éco énergies, Cluster lumière, Réseau éco entreprises APPEL...
 - ✓ Large companies showed their interest : EDF, Gdf-Suez, Séché-Tredi, Lafarge...
- ❑ CLUSNET reaction to the project:
 - ✓ Helpful and constructive discussions
 - ✓ But: The "pôle de compétitivité" did not get the national certification

What happened next?

□ A non certified "pôle"

□ A governance system less complicated, based on real collaboration requirements, and not State support

□ The explosion of the Energy field:

➤ Emergence of "smart grids projects"

✓ Project Nedo Confluence

➤ Development of the "Smart City" concept

□ Discussions around these subjects seem to be essential



Evolution of collaborative innovation systems

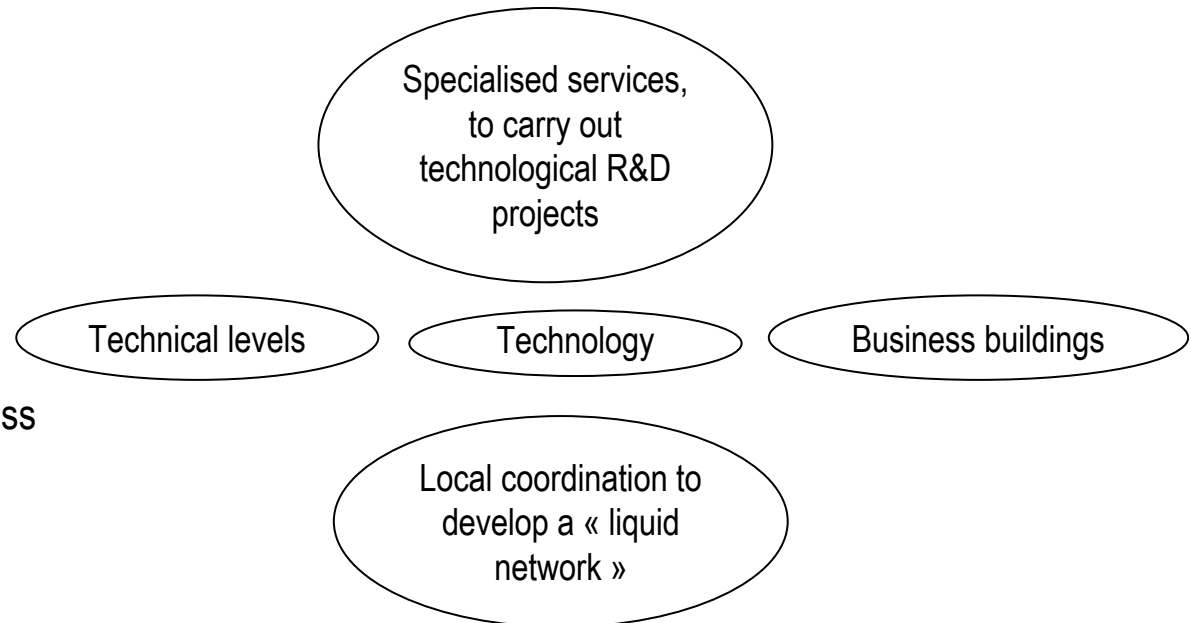
Emergence of structuring innovation tools : mutualised innovation work platforms

A platform gives to several users (mainly companies) resources (premises, human resources, services) which enable these actors to bring their R&D and innovation projects to fruition.

The platforms aim at ensuring technology transfers between academic and industrial circles and at encouraging collaborative projects.

Objectives :

- To strengthen connections between industry and research circles
- To reinforce territorial roots of large industrial companies
- To develop the region's attractiveness by developing a new service offer
- To fortify the region's international exposure and scientific excellence



Different platforms emerging from one « pôle » : AXELERA



Coordination of the industrial and scientific community and of the "Chemistry-environment" economic fields to develop innovative synergies and cooperations projects:

- Network Coordination
- Technical support to settle R&D projects
- More specific help for SMEs



Providing an environment devoted to technological innovation specialised:

- Fully-fitted office premises suitable for SMEs
- Fully-fitted premises for R&D projects (laboratories,...)

Focusing on:

- Innovative industrial processes and materials (Axel'One)
- Cleanup, secondary raw materials, outflows, energy



Technological institute aiming at developing:

- R&D programmes on industrial excellence field
- Educational training (engineers)

Focusing on :

- Bioenergy
- Recycling
- Low-carbon processes



Conclusion

- In the cleantechnologies area, more and more connections are established between economic development and urban planning (waste treatment, electromobility...)
- Our relationship to cluster is now double and it becomes essential to implement innovative programmes.