

Policy Forum

Regional “competence centres” and European knowledge and innovation networks: an international comparison of innovation cluster policy

IKINET

**International Knowledge and Innovation Networks for European
Integration, Cohesion and Enlargement**

The regional dimension of knowledge and innovation strategies

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The regional dimension of knowledge and innovation strategies...

... **plays a decisive role for technological competitiveness and for the Lisbon objectives,**

has a peculiar, complementary role in the framework of knowledge and innovation policies,

represents the adequate level to:

develop relationships between the actors of innovation,

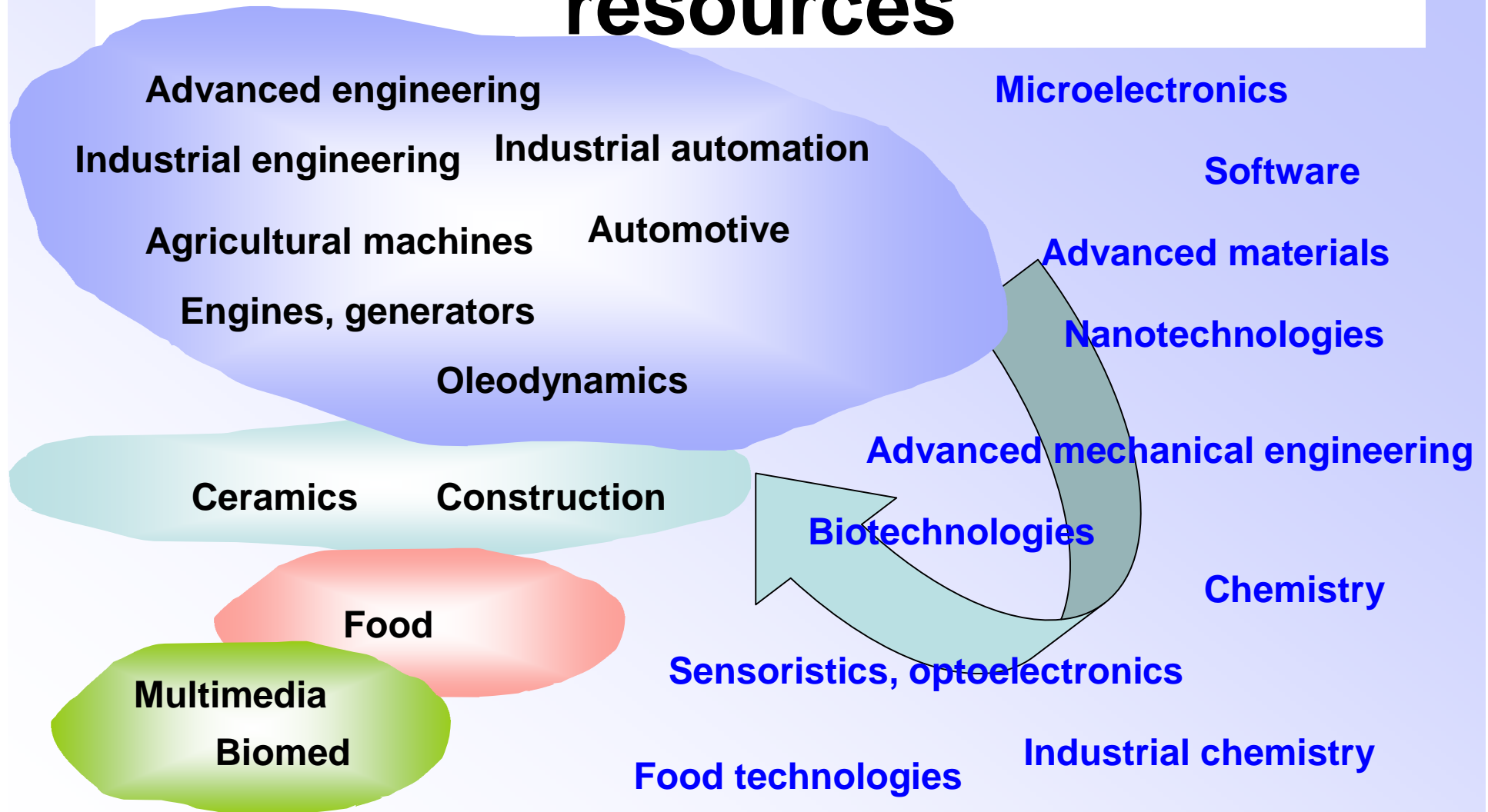
generate cluster effects,

involve SMEs in the knowledge community,

contributes to generate a cumulative multiplier effect on innovation dynamics,

increases the impact of R&D expenditure on innovation.

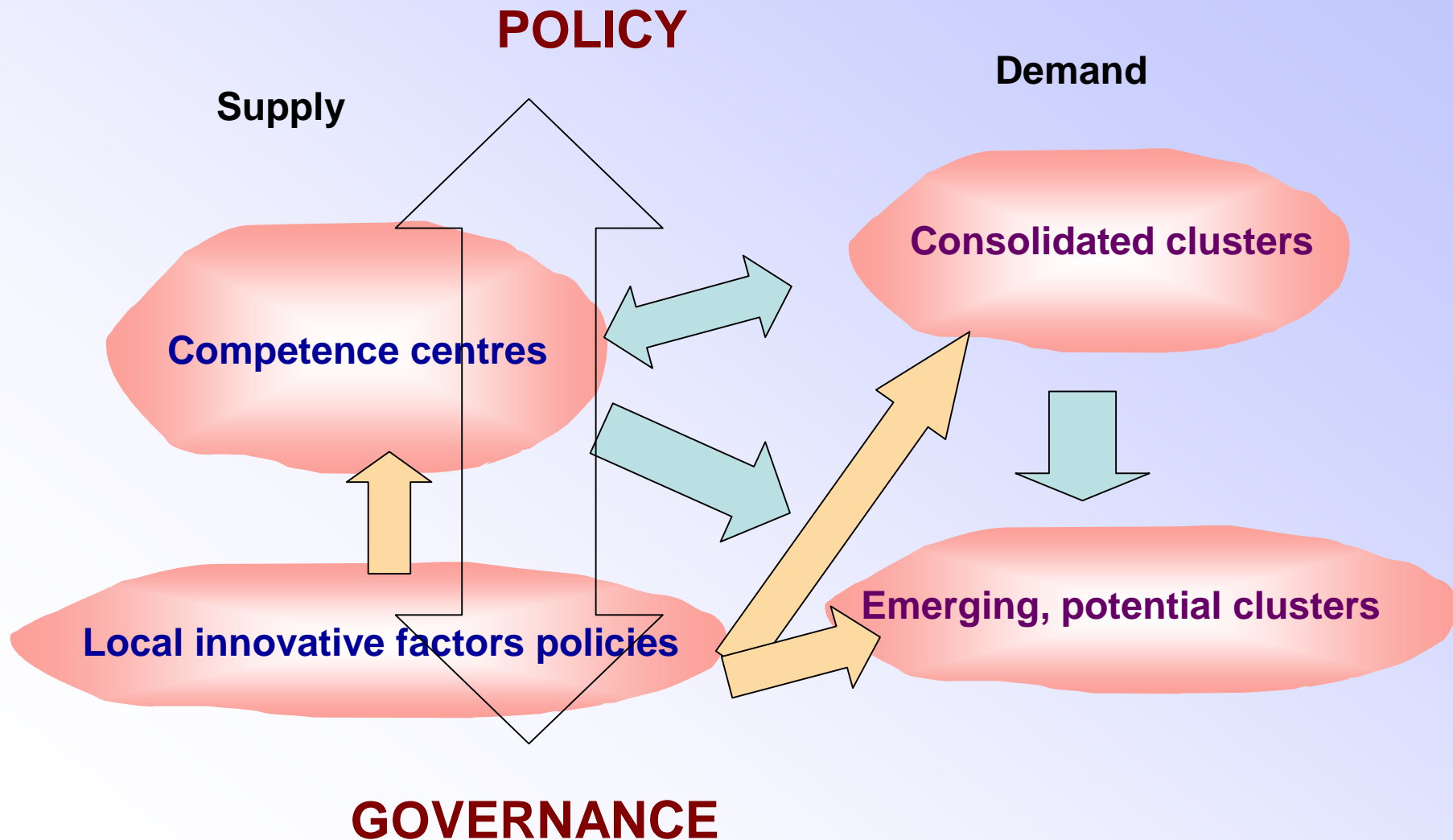
Mapping clusters and knowledge resources



Matching clusters and knowledge resources

	Mechanical and Engineering Clusters	Multimedia	Construction	Food	Traditional clusters	Energy, Environment	Health	Management, labour, organisation
Microelectronics	X						X	
Sensoristics, Optoelectronics	X						X	
Nanotechnologies	X		X	X			X	
Advanced materials	X		X				X	
Advanced engineering	X						X	
Software	X	X		X				
Industrial chemistry	X		X		X	X		
Chemistry			X		X	X	X	
Biotechnologies				X		X	X	
Food technologies				X				
<i>Humanistic and Social Sciences</i>		X	X	X	X			X

Integrated RDI policy strategies



Financing R&D and...

Networking

Knowledge community

Monitoring and measuring

Upgrading resources

Support actions

Common projects/initiatives