



**FIRST WORKSHOP**

# **“INNOVATION, KNOWLEDGE AND CLUSTERS”**

**Bologna, 30 June- 1 July 2003**

# Clusters in the new policy perspective

**Regional cohesion**

**EU competitiveness**



**Clusters**

**Knowledge and Innovation**

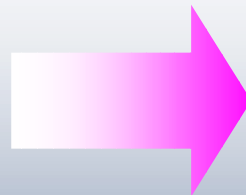
# Two basic schemes

**Knowledge**



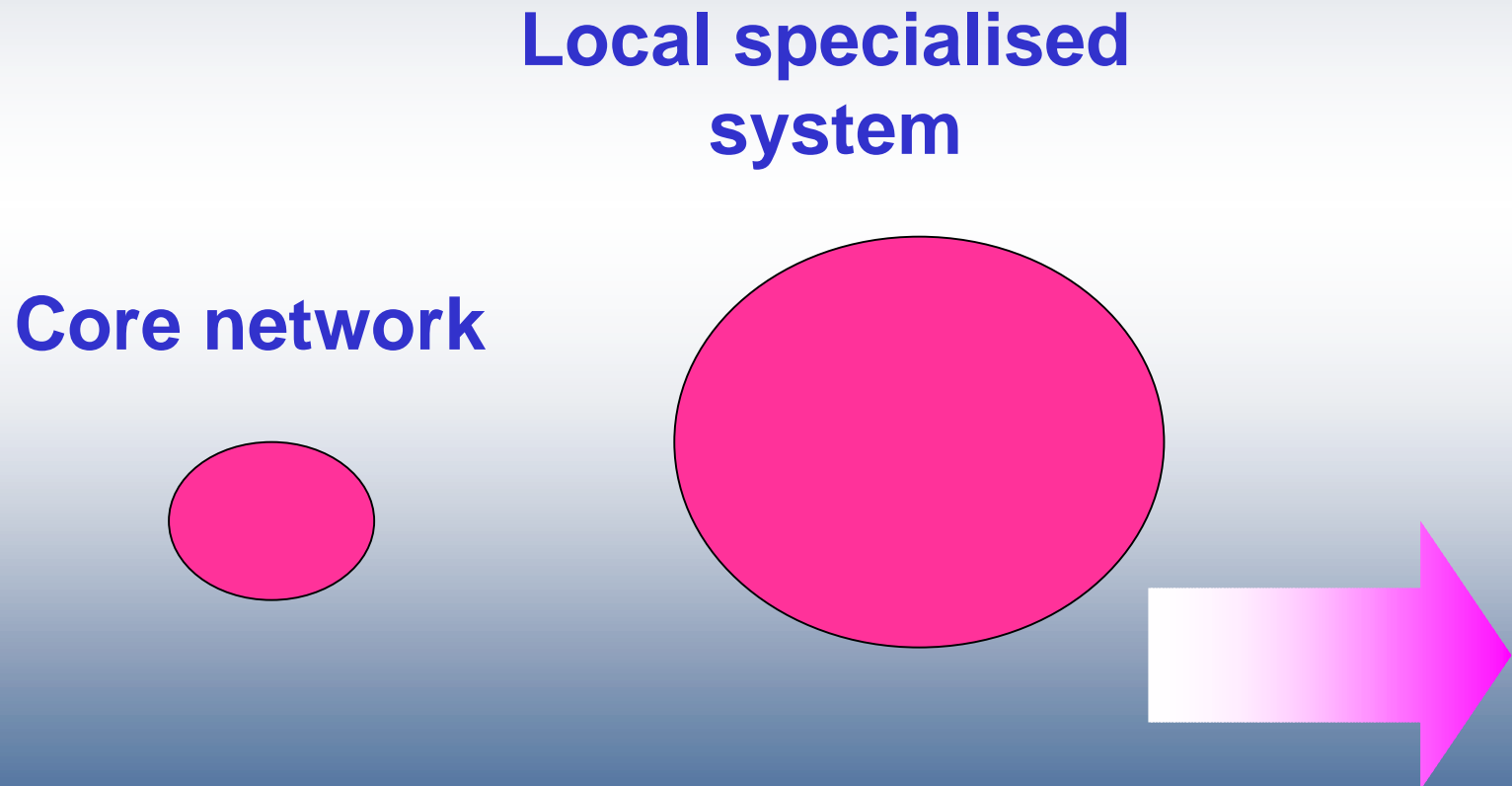
**Innovative clusters  
and business  
networks**

**Consolidated  
manufacturing  
clusters**

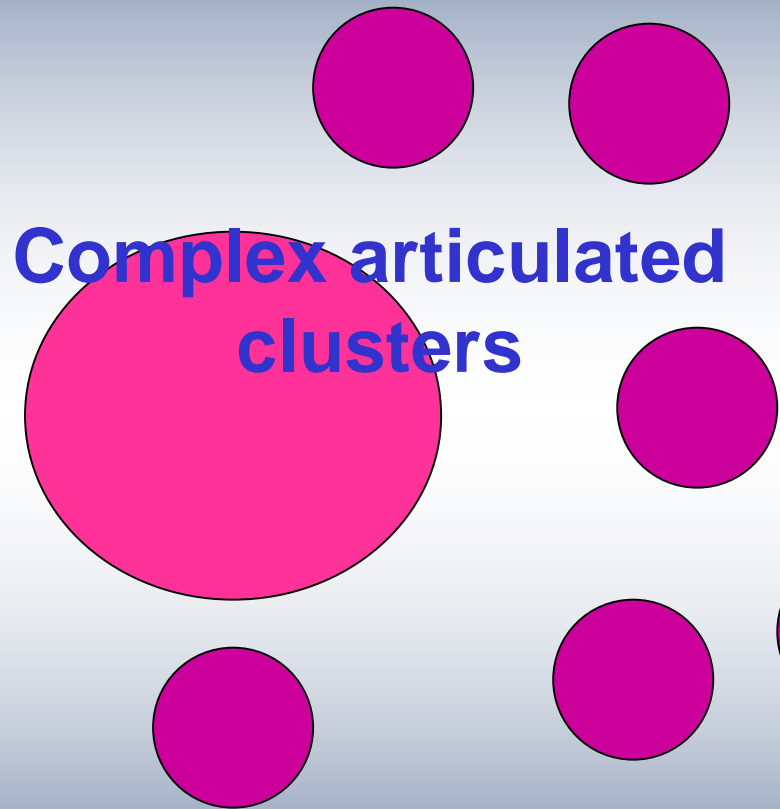


**Knowledge**

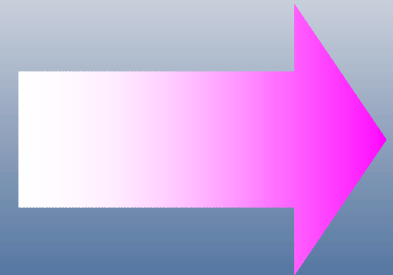
# From manufacturing clusters to Knowledge based systems. Is it possible?



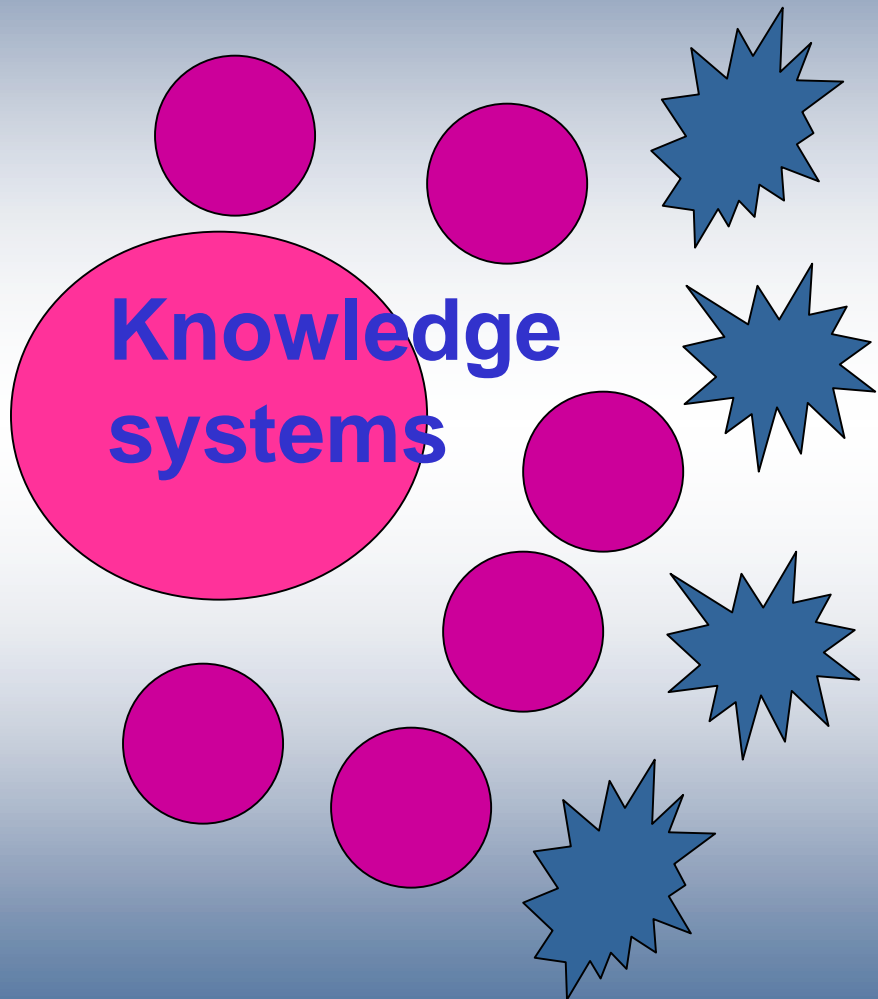
# The dimension for innovation



- Downstream and upstream sectors
- Intermediate and complementary sectors
- Horizontal diversification
- Engineering sectors



# The knowledge dimension of clusters



- Knowledge businesses and workers
- Advanced services and ICT's
- R&D



# Clusters as open networks

**Not only leaders, but even suppliers move in an open perspective**

**Local networks are relevant for knowledge, not for production**

**Need to develop ICT's**