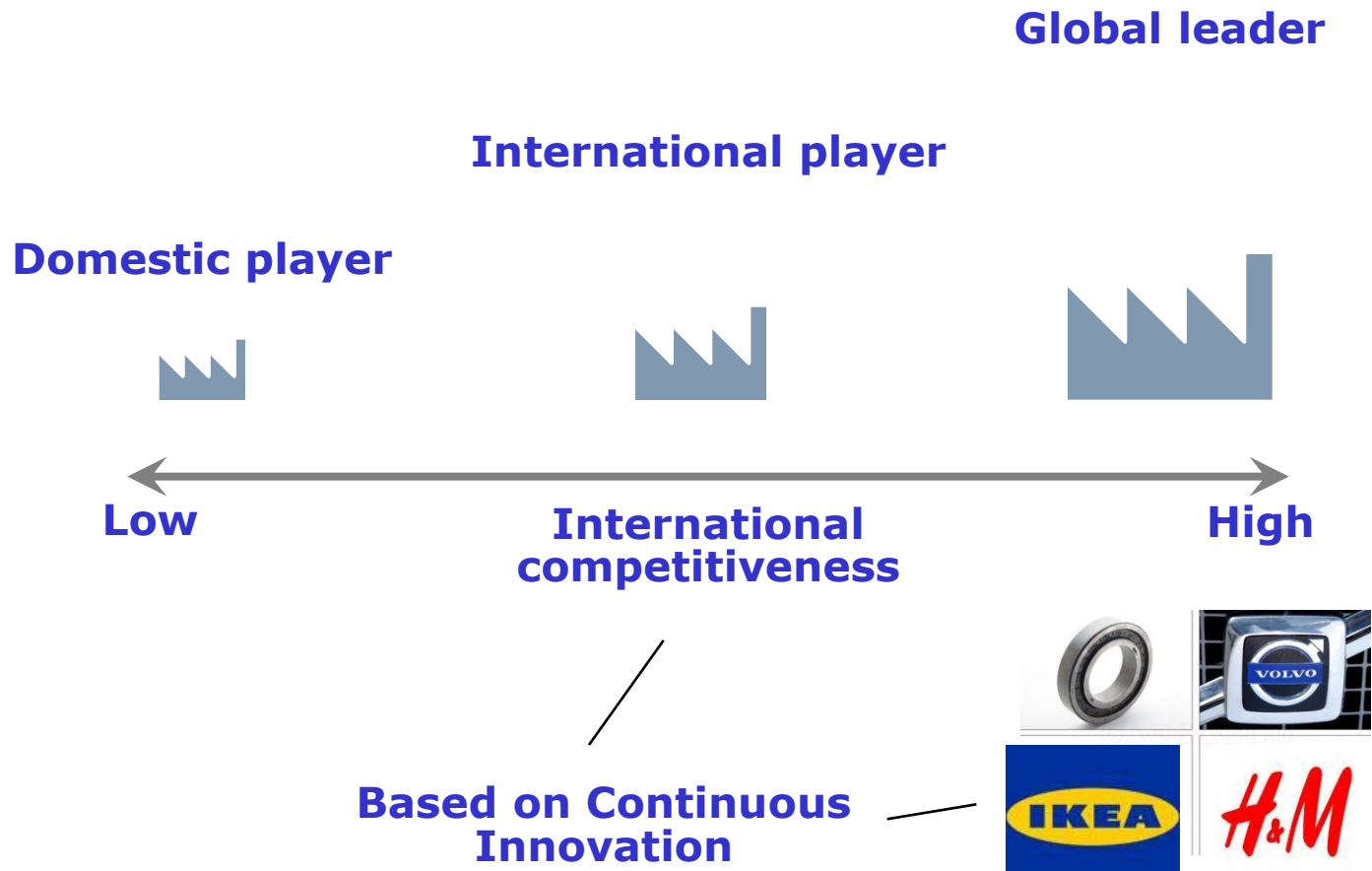# Cluster Analysis
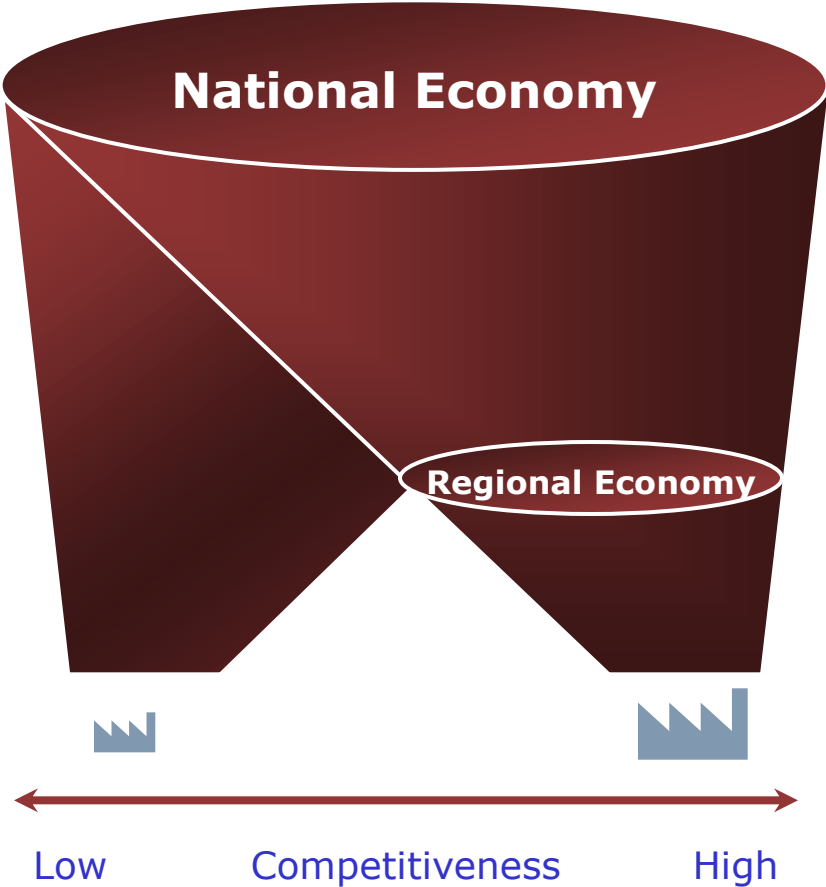# –
Mapping

Parallel Session 1

Prof. Örjan Sölvell

*Center for Strategy
and Competitiveness – CSC*

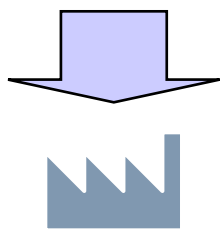# Competitiveness
Domestic vs Global Positions of Firms

Global leader

International player

Domestic player

Low   International   High
             competitiveness

Based on Continuous Innovation

Framework

National Economy

Regional Economy

Microeconomic business env. and clusters

Low   Competitiveness   High

Framework

Policy ➡️

Policy ➡️

Policy ➡️

International Economy

National Economy

Regional Economy

International organisations and regulation

General business environment

Focus Today

International Economy

National Economy

Regional Economy
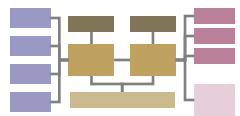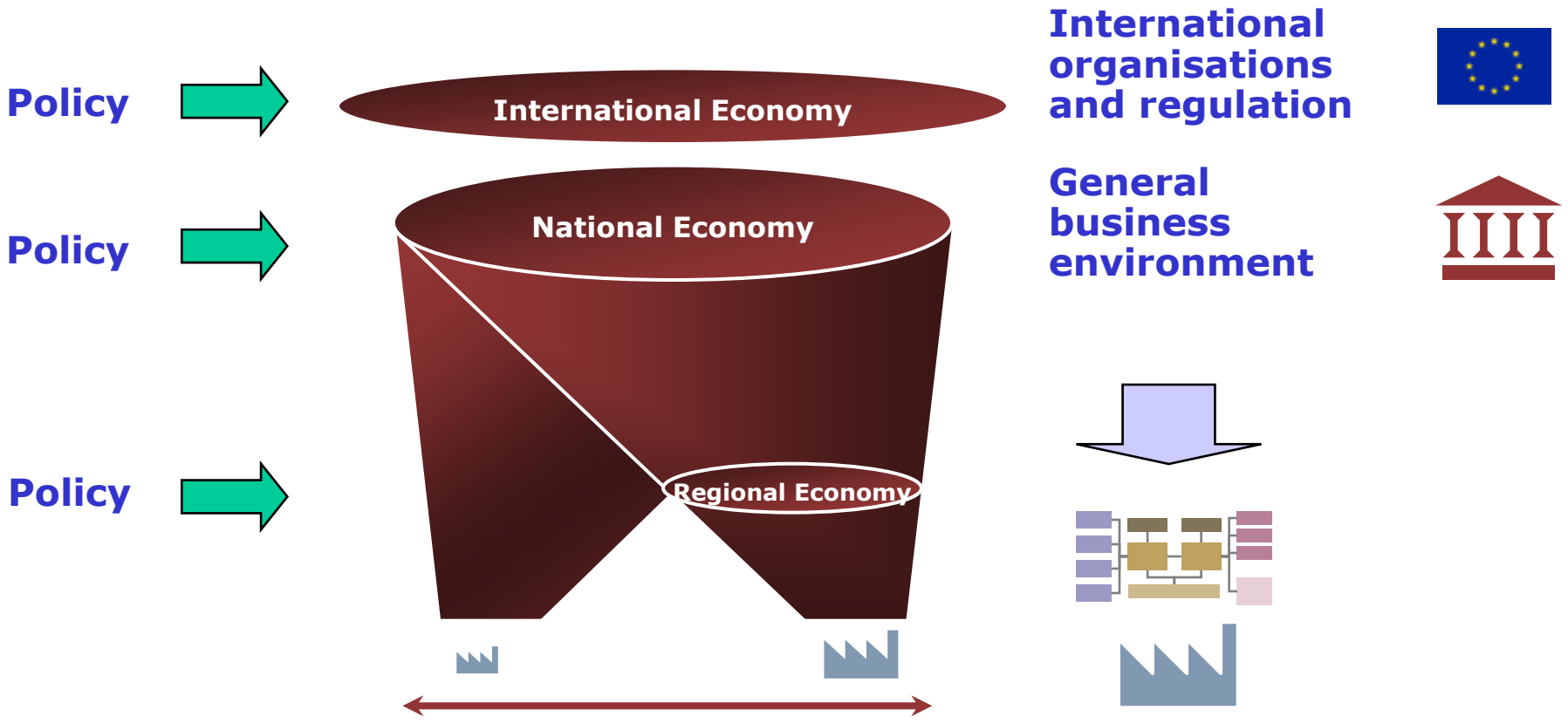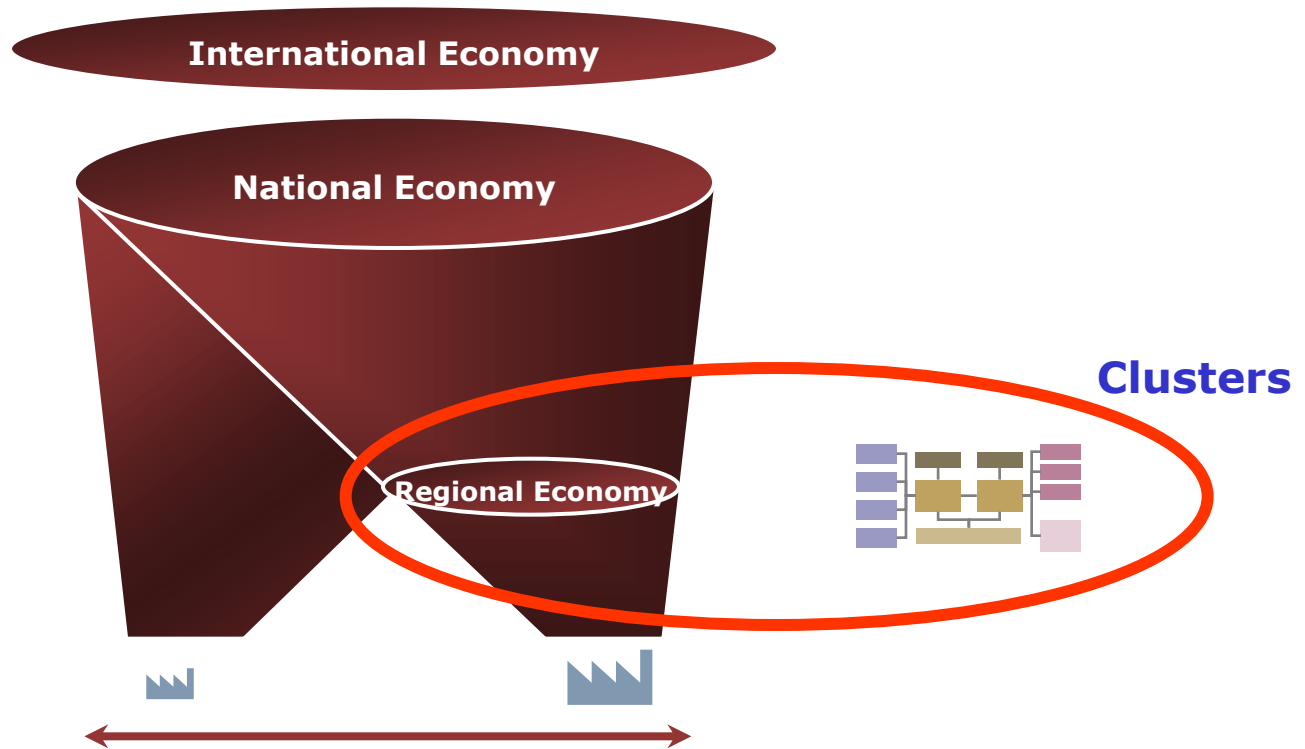
Clusters

Clusters = Innovation and Prosperity

Clustering and GDP / Capita
41 NUTS 2 Regions in EU-10 (2004)

$y = 336,5x + 35,336$

$R^2 = 0,4358$

GDP / Capita purchasing power standards of EU average

Percent of employment in specialiSed clusters (SQ>2)
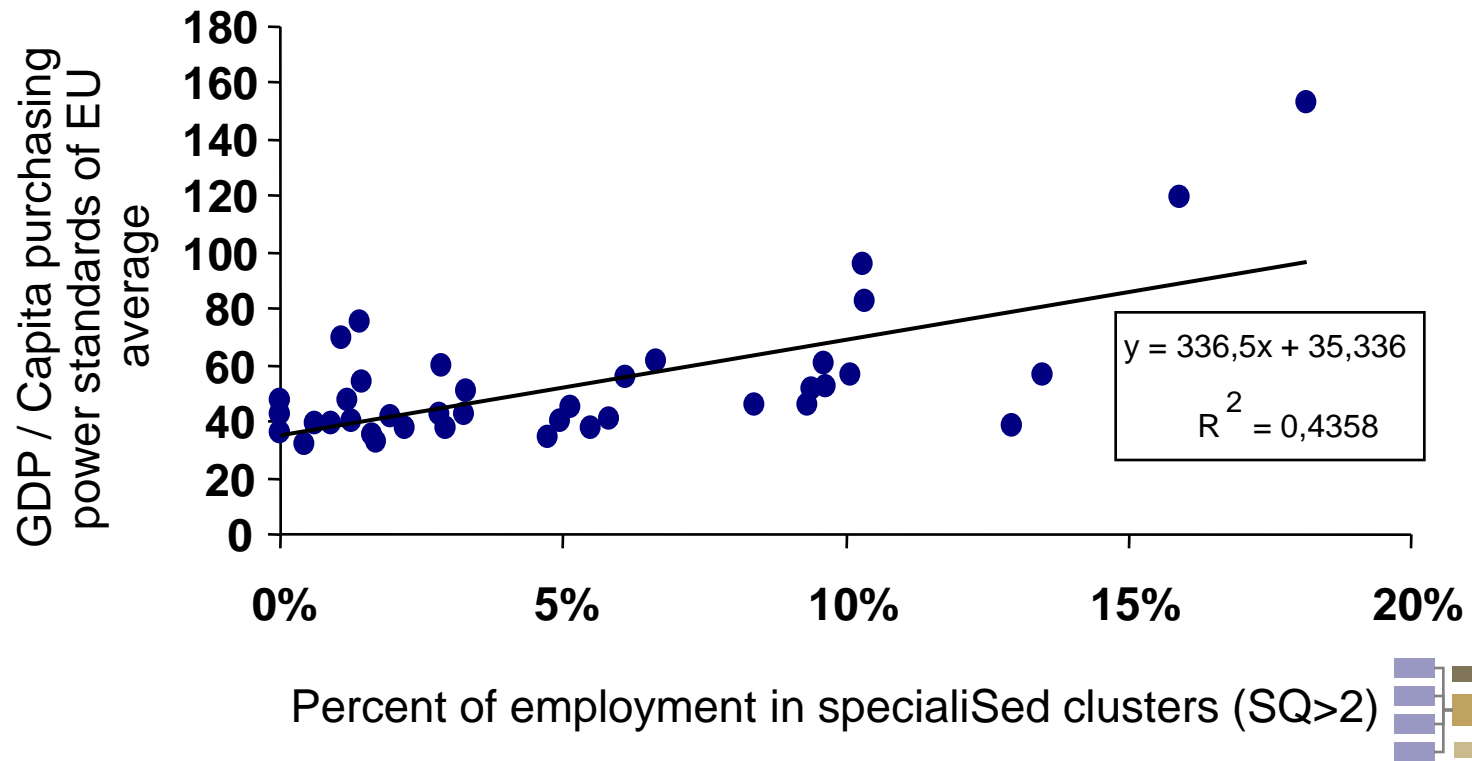
Source: Sölvell, Ketels, Folkesson.(2005) Entrepreneurial Innovation in the New Member States: Challenges and Issues at stake for the Development of Clusters of Innovative Firms. EU Commission, DG Enterprise.

Mapping Regional Specialisation and Clusters in Europe

Country EU-27 + 5

NUTS 2 Regions

38 Cluster Categories

Regional Economy
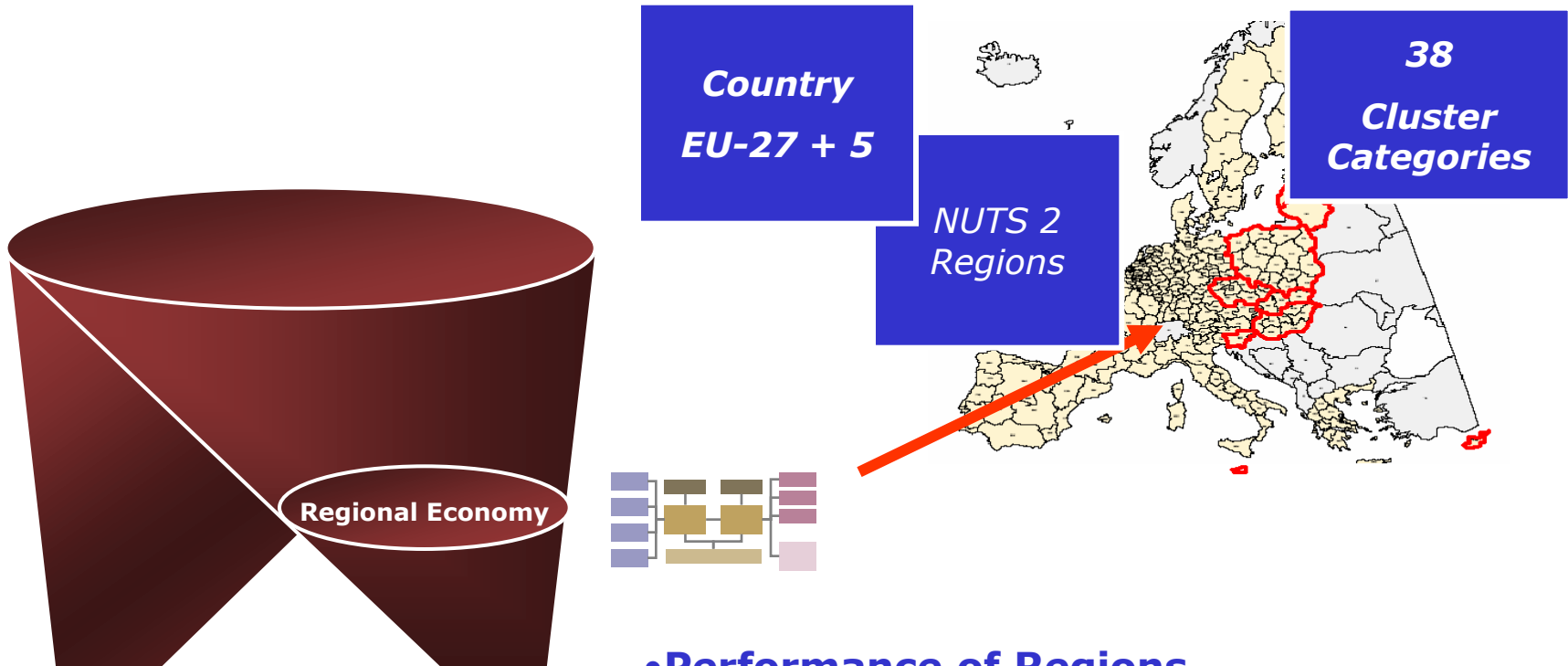
- **Performance of Regions**

- **General specialisation patterns (Gini)**

- **Performance of clusters and cluster evolution**

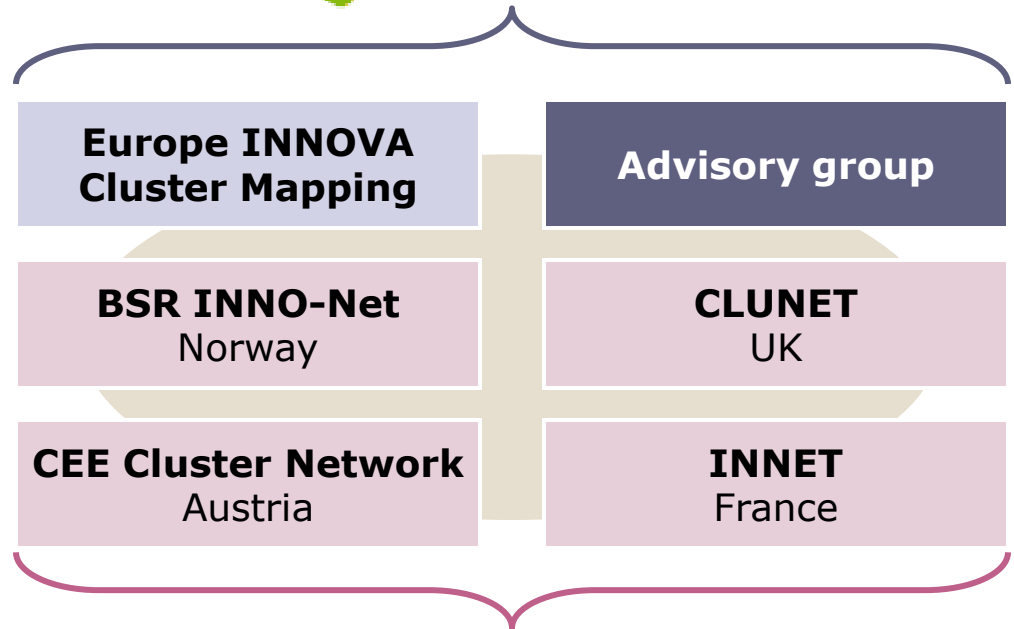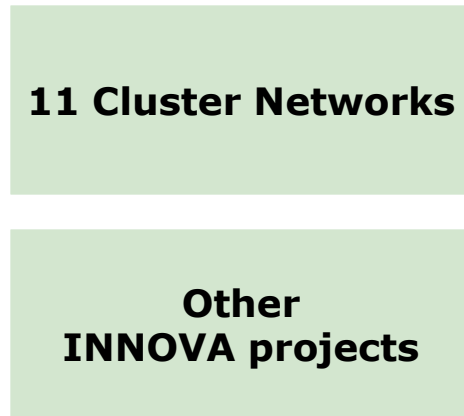# Star-rated Clusters in Europe

The Cluster Alliance

EUROPE INNOVA

PRO INNO EUROPE

11 Cluster Networks	
Other INNOVA projects	

⟷
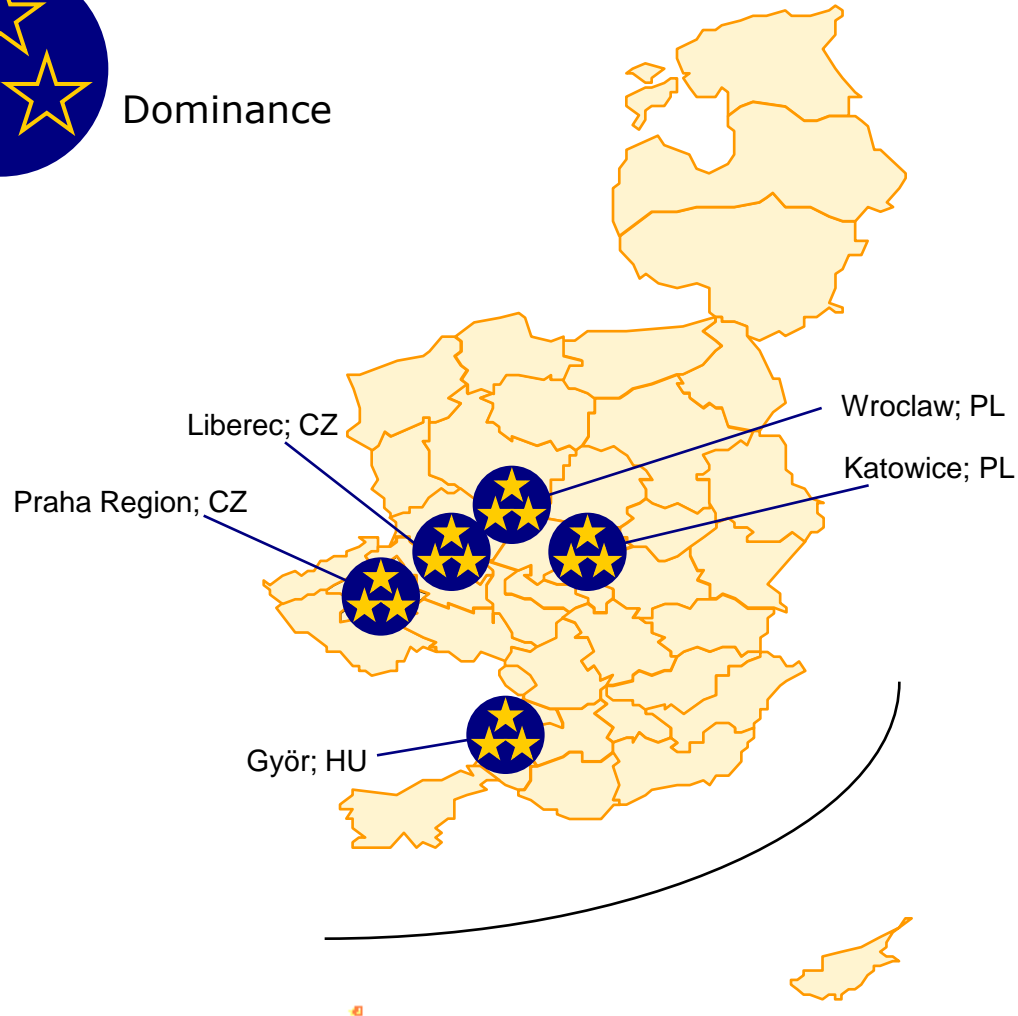
Europe INNOVA Cluster Mapping	**Advisory group**
BSR INNO-Net Norway	**CLUNET** UK
CEE Cluster Network Austria	**INNET** France

Workshops
Advisory Board
Integration between Cluster mapping and INNO-Nets

European Cluster Memorandum
PRO INNO Europe Cluster Conference in Stockholm